

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118532.D
 Acq On : 13 Jan 2020 14:42
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/14/2020 2:31:31 PM

Quant Time: Jan 14 11:09:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92640	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	402948	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	217184	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	428799	20.00	ng	0.00
76) Chrysene-d12	14.02	240	276715	20.00	ng	0.00
87) Perylene-d12	15.49	264	249986	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	492382	87.74	ng	0.00
7) Phenol-d6	6.46	99	684333	101.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	617223	80.47	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	225319	87.92	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1277181	84.34	ng	0.00
79) Terphenyl-d14	12.94	244	1599294	91.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	77491	41.418	ng	100
3) Pyridine	3.28	79	228753	45.422	ng	100
4) n-Nitrosodimethylamine	3.25	42	121794	48.260	ng	100
6) Aniline	6.49	93	429941	51.537	ng	100
8) 2-Chlorophenol	6.61	128	304386	49.608	ng	100
9) Benzaldehyde	6.37	77	170644	45.685	ng	100
10) Phenol	6.47	94	385581	51.862	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	261260	49.290	ng	100
12) 1,3-Dichlorobenzene	6.76	146	321452	44.815	ng	100
13) 1,4-Dichlorobenzene	6.83	146	334933	45.764	ng	100
14) 1,2-Dichlorobenzene	6.99	146	310111	43.848	ng	100
15) Benzyl Alcohol	6.97	79	246554	45.301	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	268619	45.684	ng	100
17) 2-Methylphenol	7.09	107	228163	45.247	ng	100
18) Hexachloroethane	7.33	117	127017	45.803	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	204105	47.231	ng	100
20) 3+4-Methylphenols	7.24	107	308957	45.168	ng	100
22) Acetophenone	7.24	105	432149	42.310	ng	100
24) Nitrobenzene	7.41	77	297039	38.944	ng	100
25) Isophorone	7.65	82	515810	41.975	ng	100
26) 2-Nitrophenol	7.73	139	159940	42.471	ng	100
27) 2,4-Dimethylphenol	7.76	122	212324	41.925	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	340804	42.184	ng	100
29) 2,4-Dichlorophenol	7.97	162	250286	42.327	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	301555	43.908	ng	100
31) Naphthalene	8.13	128	920095	43.653	ng	100
32) Benzoic acid	7.93	122	134920	39.943	ng	100
33) 4-Chloroaniline	8.18	127	394729	45.490	ng	100
34) Hexachlorobutadiene	8.24	225	183803	43.599	ng	100
35) Caprolactam	8.57	113	72868m	40.909	ng	
36) 4-Chloro-3-methylphenol	8.67	107	258707	40.696	ng	100
37) 2-Methylnaphthalene	8.82	142	593031	40.996	ng	100
38) 1-Methylnaphthalene	8.92	142	559671	41.207	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	280326	42.009	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	47711	35.445	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	178024	43.172	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	184382	43.209	ng	100
46) 1,1'-Biphenyl	9.29	154	721021	40.631	ng	100
47) 2-Chloronaphthalene	9.32	162	581776	41.422	ng	100
48) 2-Nitroaniline	9.42	65	177878	43.827	ng	100
49) Acenaphthylene	9.73	152	875847	41.892	ng	100
50) Dimethylphthalate	9.59	163	693654	41.613	ng	100
51) 2,6-Dinitrotoluene	9.66	165	152909	42.597	ng	100
52) Acenaphthene	9.90	154	555874	43.539	ng	100
53) 3-Nitroaniline	9.83	138	177308	42.167	ng	100
54) 2,4-Dinitrophenol	9.95	184	57478	39.343	ng	100
55) Dibenzofuran	10.07	168	828619	43.211	ng	100
56) 4-Nitrophenol	10.01	139	90274	44.216	ng	100
57) 2,4-Dinitrotoluene	10.07	165	214497	44.627	ng	100
58) Fluorene	10.42	166	708144	45.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	160811	44.563	ng	100
60) Diethylphthalate	10.29	149	747426	44.047	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	348555	45.259	ng	100
62) 4-Nitroaniline	10.46	138	182879	44.418	ng	100
63) Azobenzene	10.57	77	649355	45.032	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	96417	42.535	ng	100
66) n-Nitrosodiphenylamine	10.53	169	613724	43.950	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	201549	40.129	ng	100
68) Hexachlorobenzene	10.97	284	237942	39.672	ng	100
69) Atrazine	11.06	200	139163	33.539	ng	100
70) Pentachlorophenol	11.17	266	78004	41.766	ng	100
71) Phenanthrene	11.39	178	1041864	43.374	ng	100
72) Anthracene	11.44	178	1025718	42.923	ng	100
73) Carbazole	11.59	167	902457	43.595	ng	100
74) Di-n-butylphthalate	11.92	149	1094898	39.646	ng	100
75) Fluoranthene	12.58	202	976910	40.013	ng	100
77) Benzidine	12.70	184	308759	47.640	ng	100
78) Pyrene	12.81	202	1040590	45.706	ng	100
80) Butylbenzylphthalate	13.42	149	488376	46.840	ng	100
81) Benzo(a)anthracene	14.00	228	842265	43.486	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	279554	44.385	ng	100
83) Chrysene	14.04	228	814964	43.300	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	606800	42.863	ng	100
85) Di-n-octyl phthalate	14.59	149	992113	48.858	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	724875	47.838	ng	100
88) Benzo(b)fluoranthene	15.06	252	622047	34.417	ng	100
89) Benzo(k)fluoranthene	15.09	252	622347	36.075	ng	100
90) Benzo(a)pyrene	15.43	252	634347	42.829	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	603726	43.471	ng	100
92) Benzo(g,h,i)perylene	17.43	276	497216	37.785	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

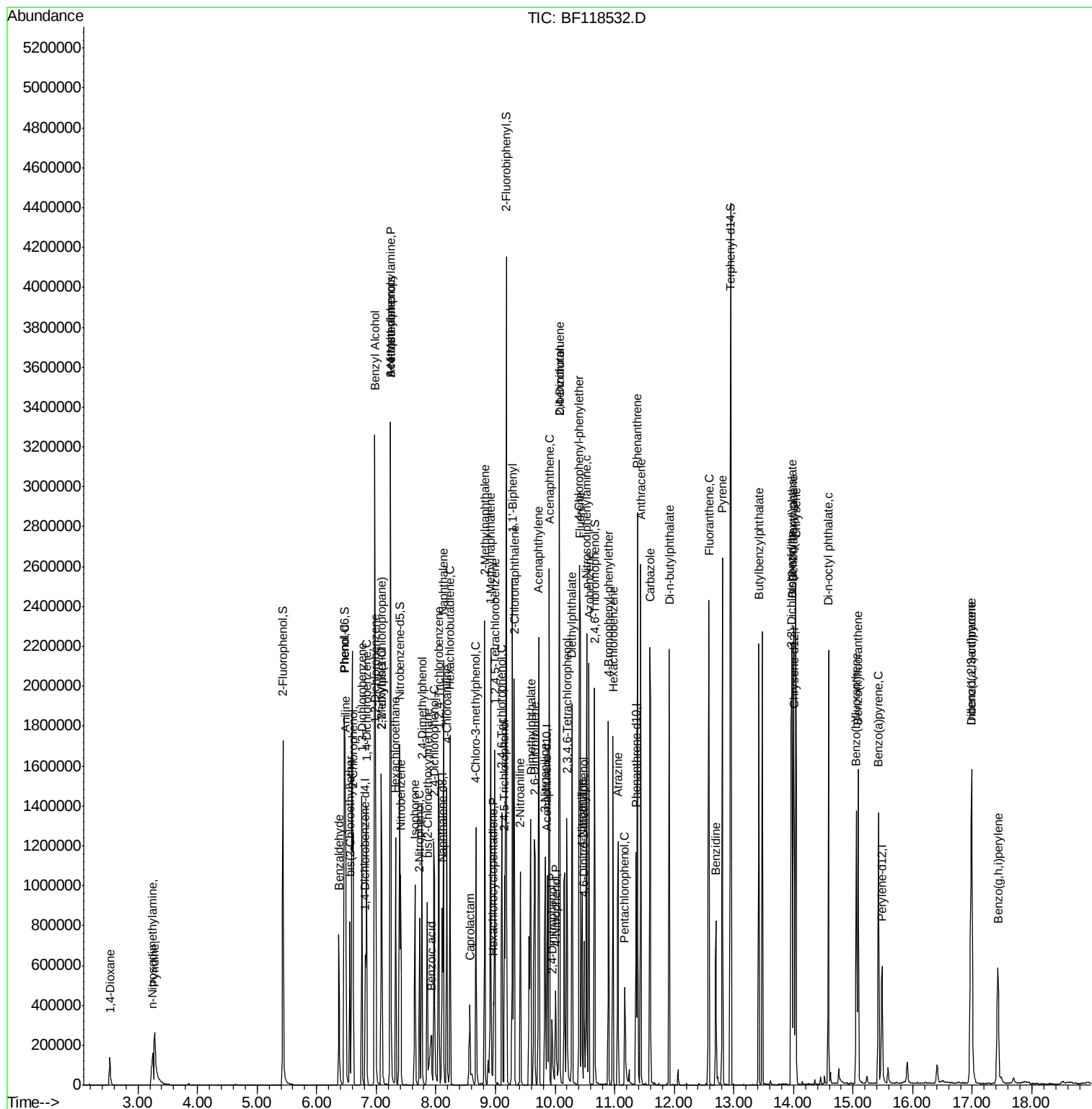
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
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ALS Vial : 2 Sample Multiplier: 1

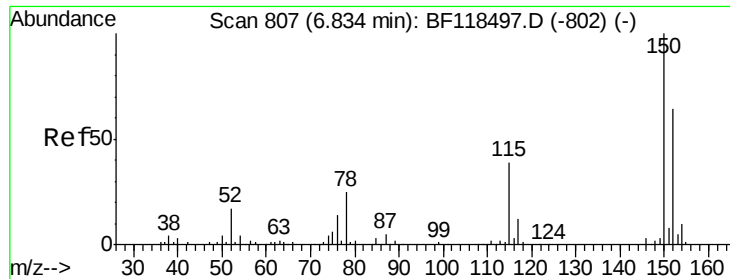
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

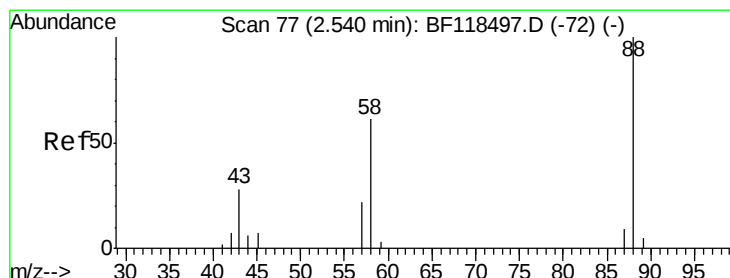
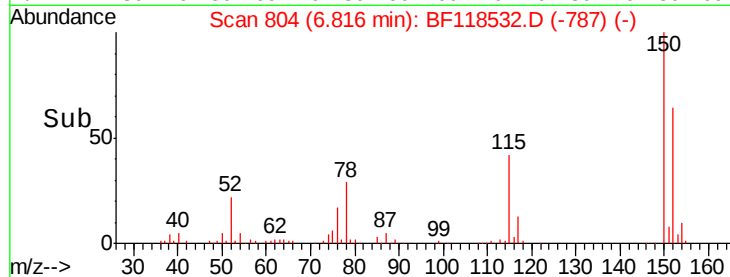
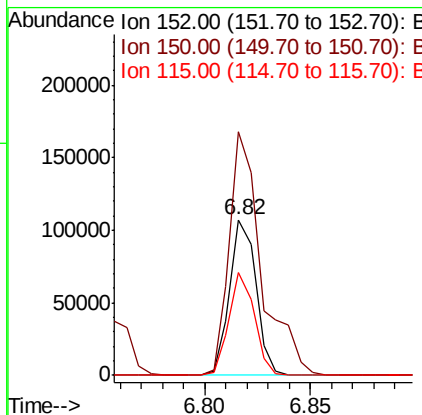
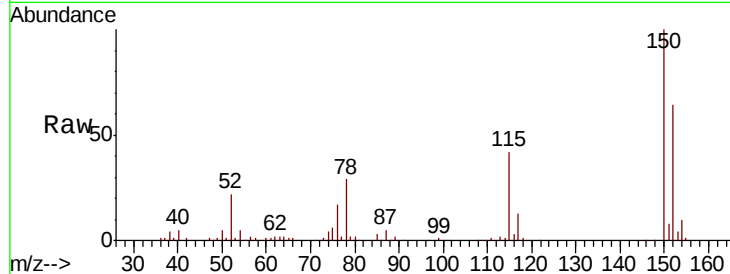
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.4	188.0
115	66.5	53.2	79.8

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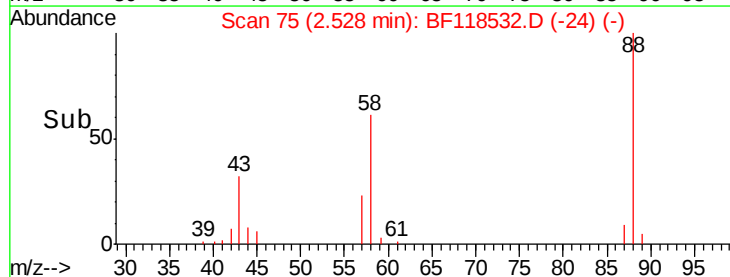
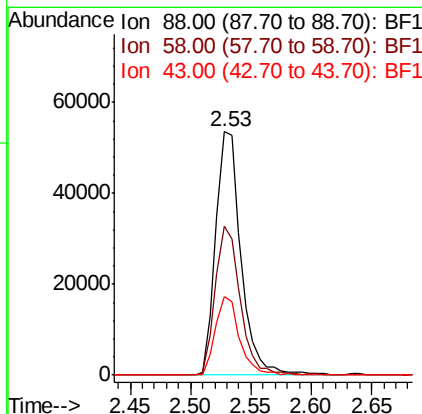
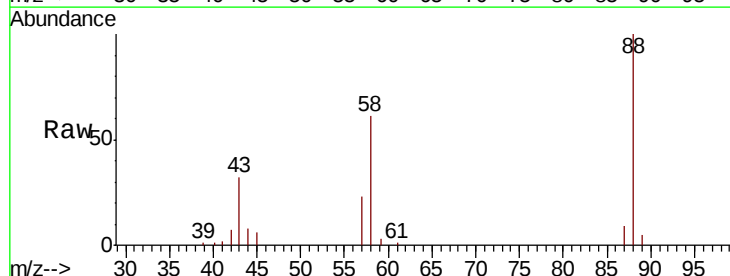
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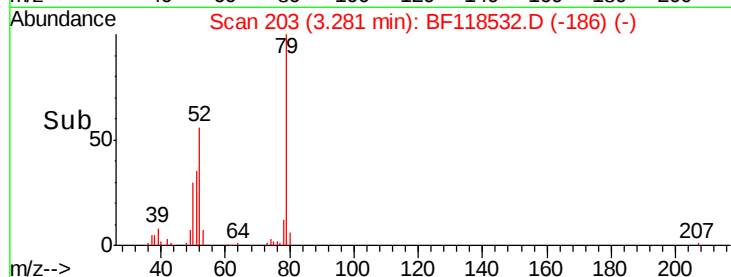
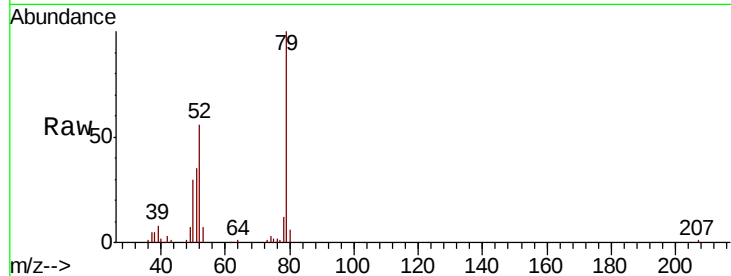
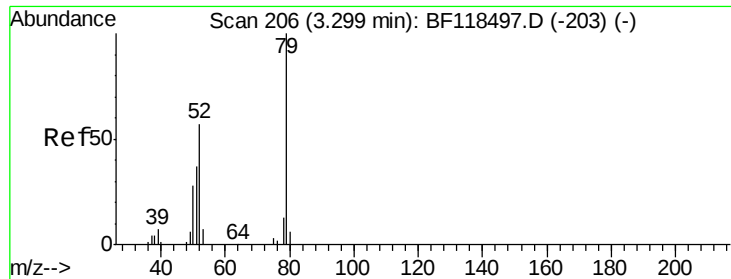


#2

1,4-Dioxane
Concen: 41.418 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	48.2	72.2
43	30.5	24.4	36.6





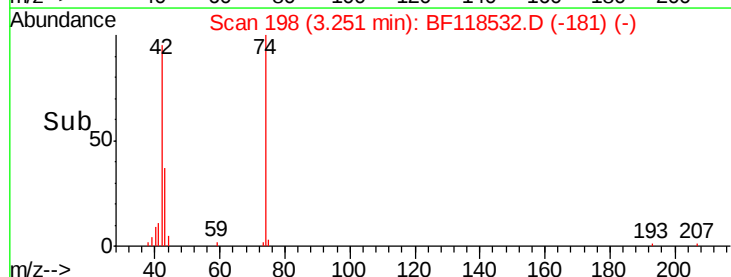
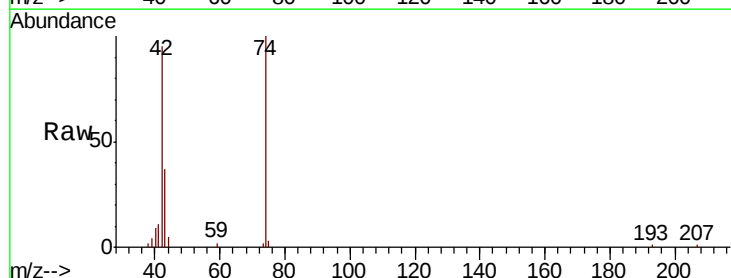
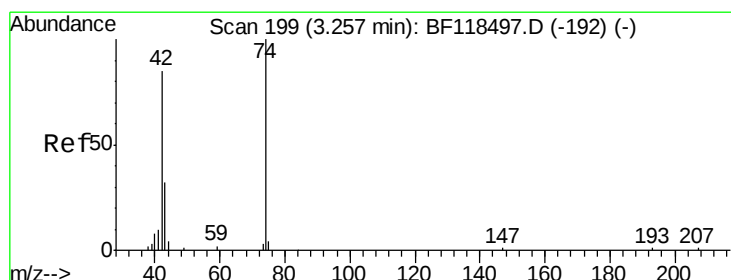
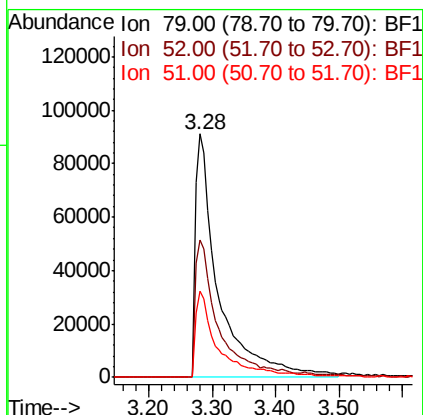
#3
Pvridine
Concen: 45.422 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	56.3	45.0	67.6
51	35.5	28.4	42.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

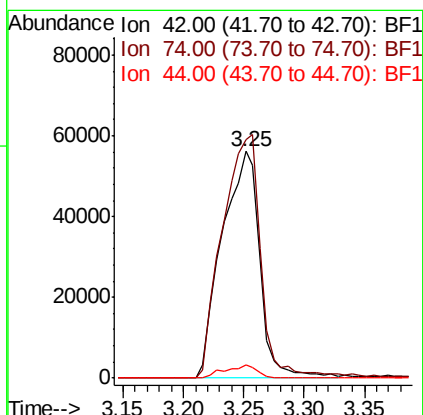
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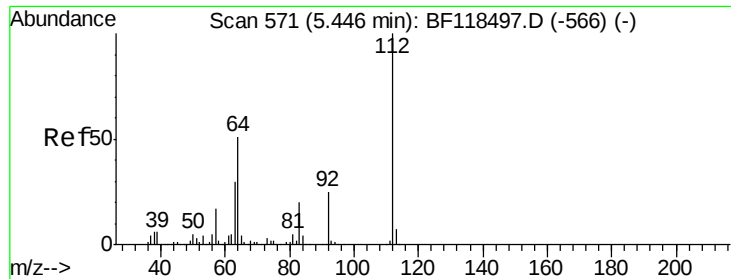
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#4
n-Nitrosodimethylamine
Concen: 48.260 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.4	84.3	126.5
44	5.7	4.6	6.8





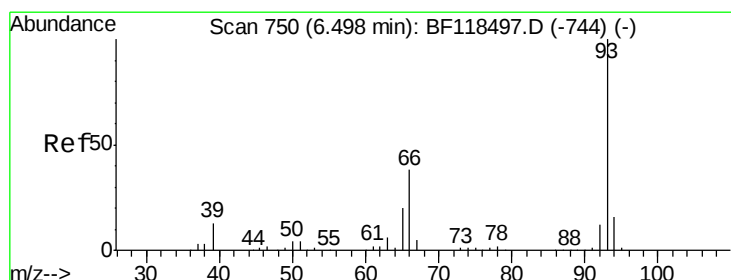
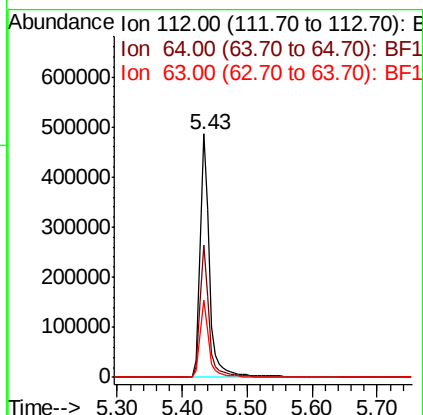
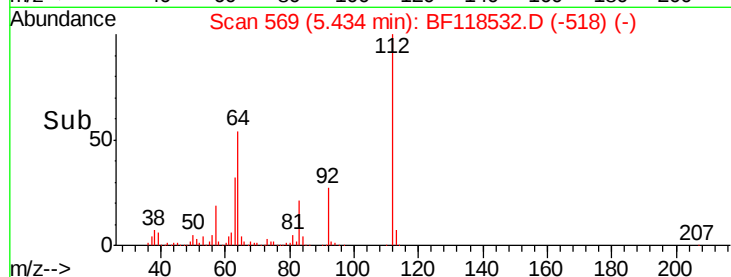
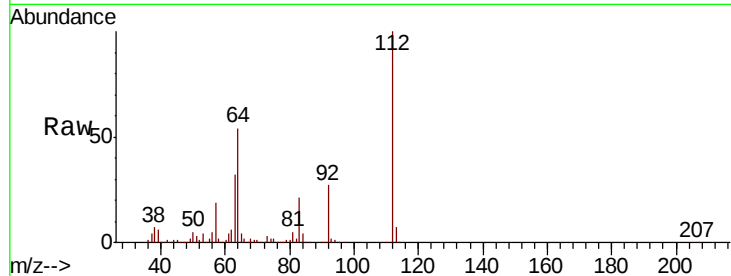
#5
2-Fluorophenol
Concen: 87.737 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		492382		
64	54.2	43.4	65.0		
63	31.9	25.5	38.3		

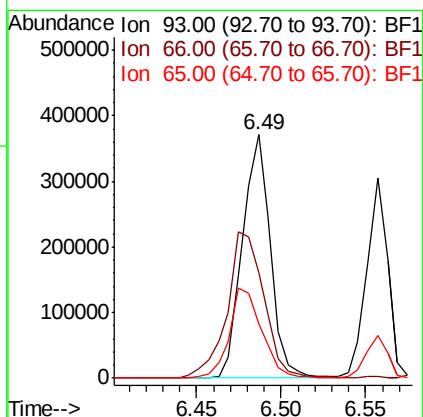
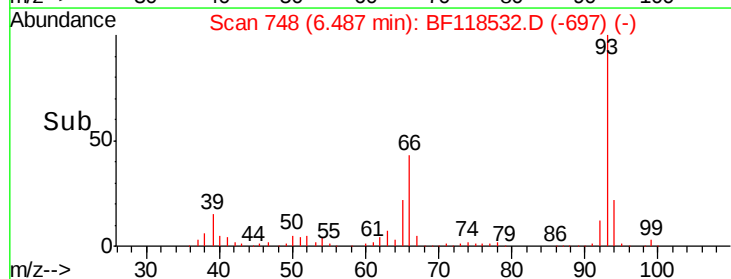
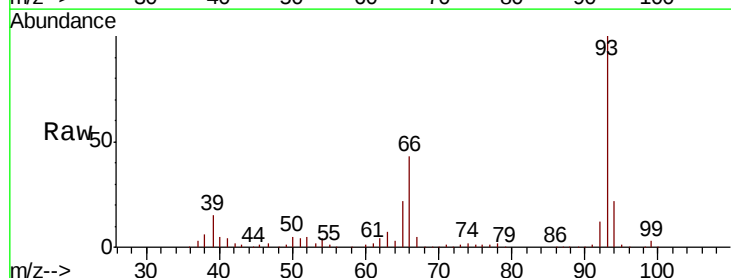
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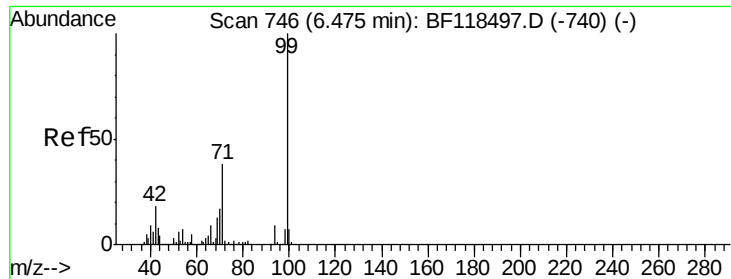
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#6
Aniline
Concen: 51.537 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		429941		
66	43.5	34.8	52.2		
65	22.4	17.9	26.9		





#7

Phenol-d6

Concen: 101.995 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

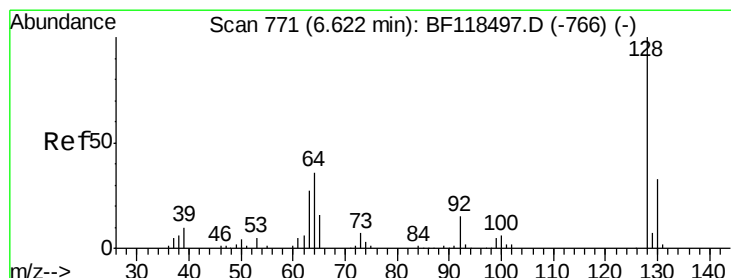
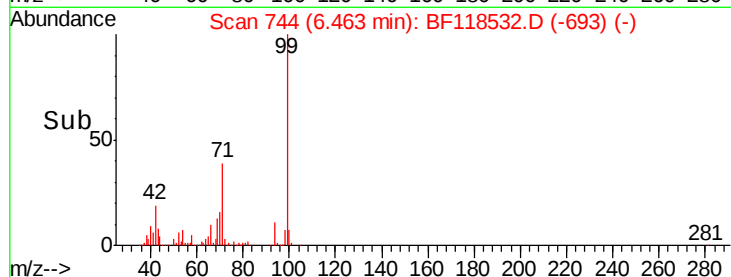
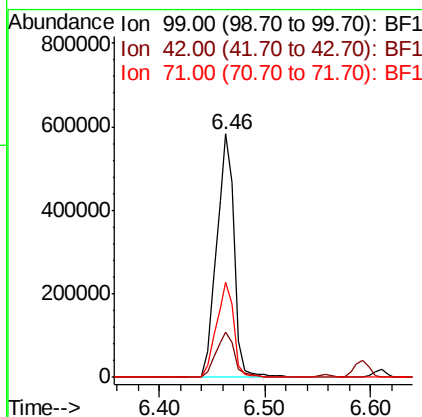
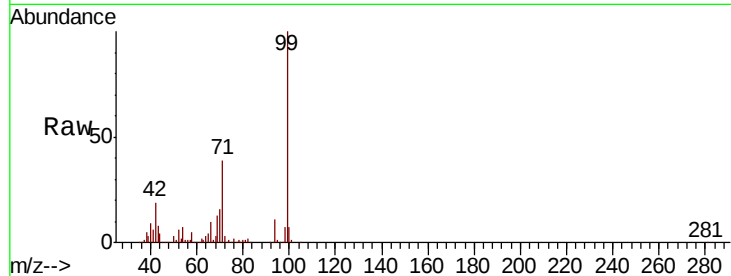
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	684333
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	39.2	31.4	47.0

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#8

2-Chlorophenol

Concen: 49.608 ng

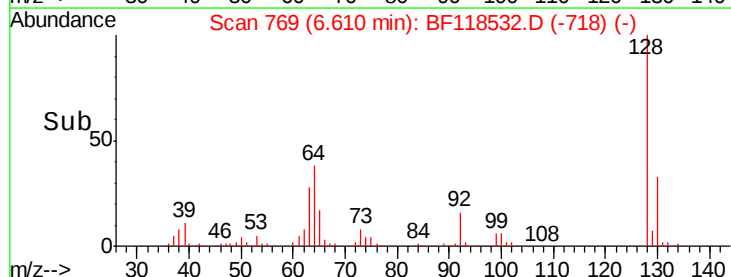
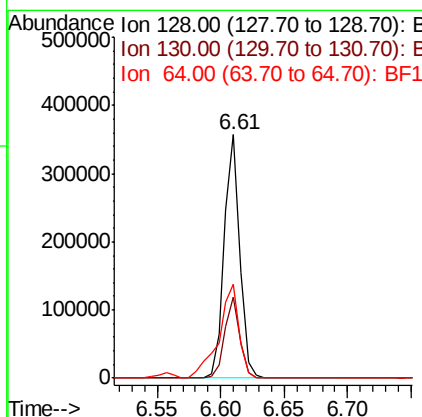
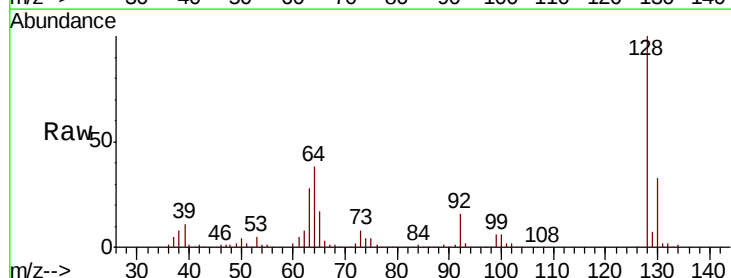
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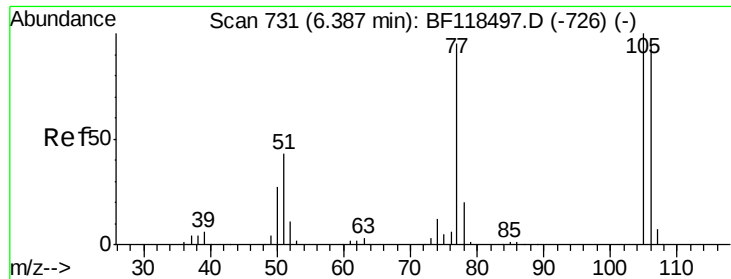
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	128	Resp:	304386
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	38.5	18.5	58.5





#9

Benzaldehyde

Concen: 45.685 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

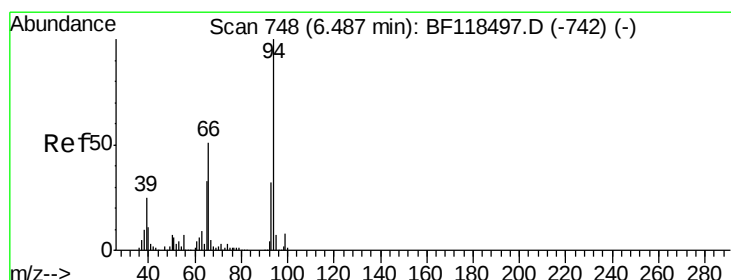
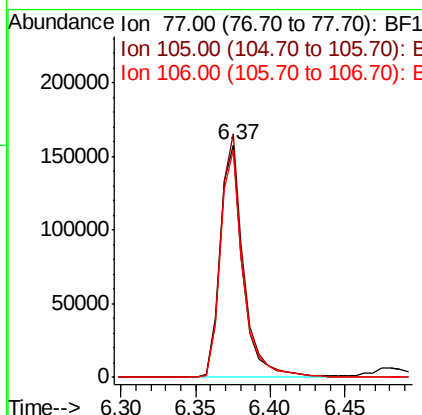
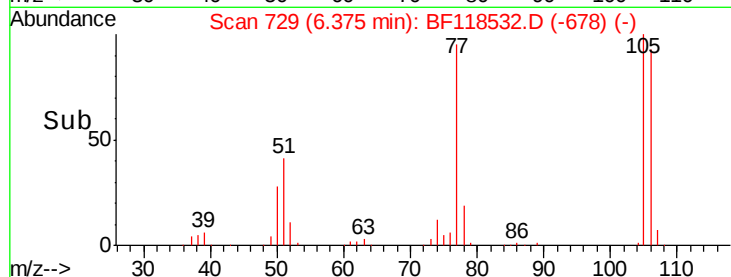
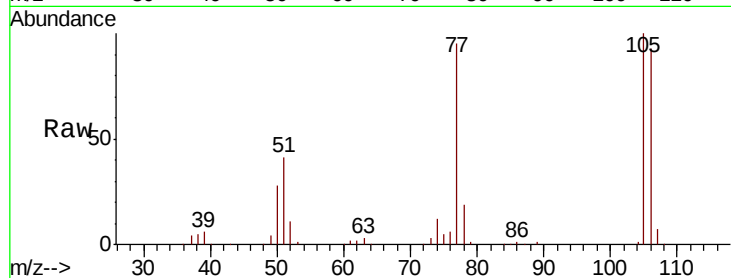
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	104.8	84.8	124.8	
106	97.9	77.9	117.9	

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#10

Phenol

Concen: 51.862 ng

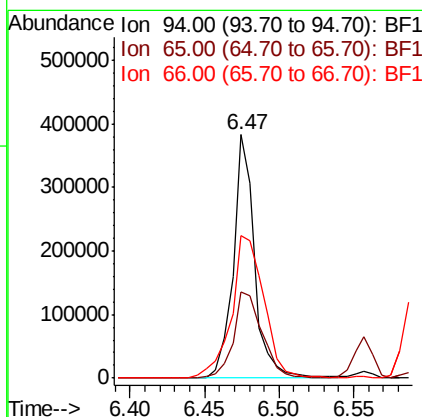
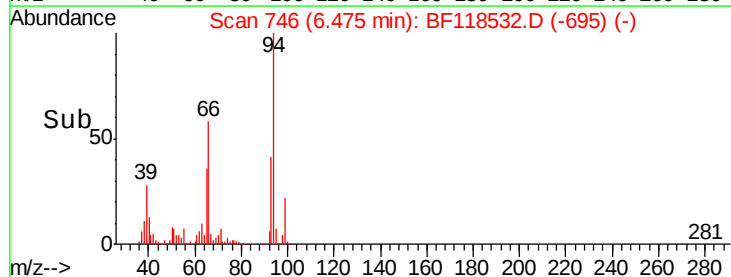
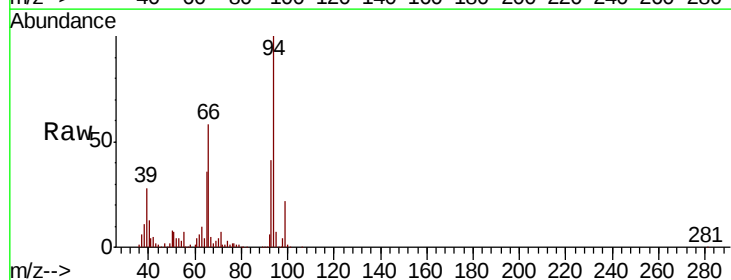
RT: 6.47 min Scan# 746

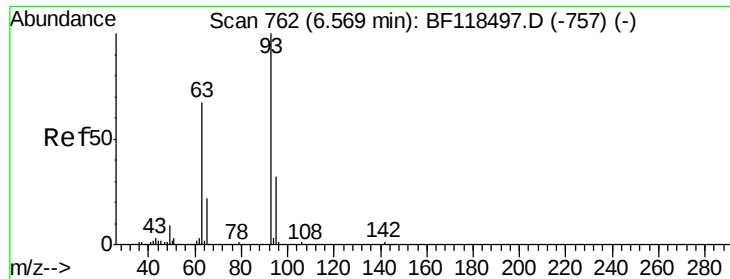
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	35.6	15.6	55.6	
66	58.4	38.4	78.4	





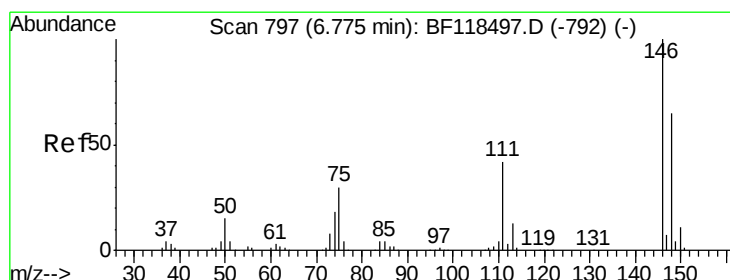
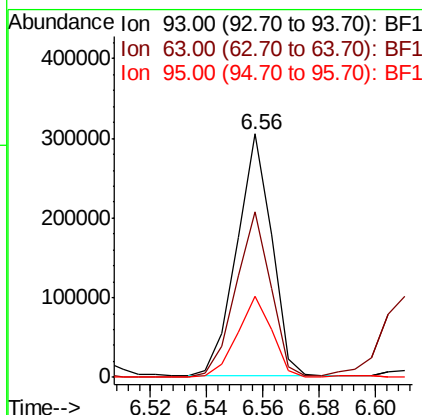
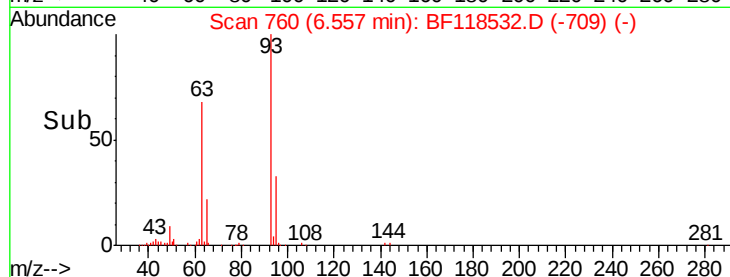
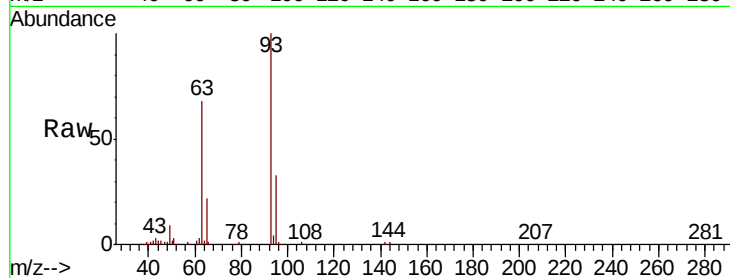
#11
bis(2-Chloroethyl)ether
Concen: 49.290 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	261260
Ion	Ratio	Lower	Upper
93	100		
63	67.9	47.9	87.9
95	33.1	13.1	53.1

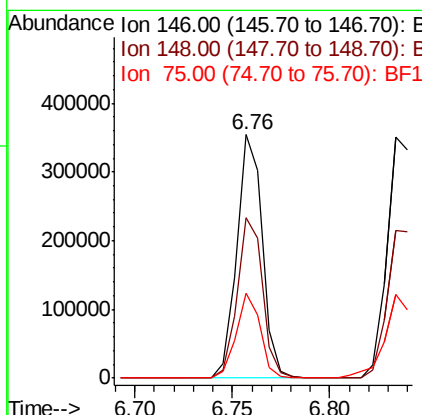
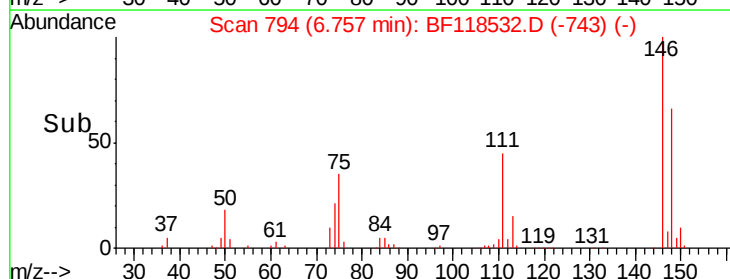
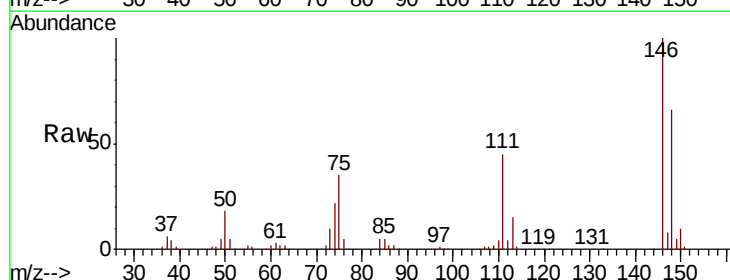
Manual Integrations
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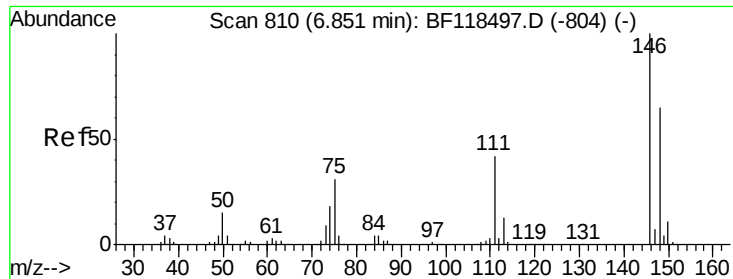
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.815 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	146	Resp	321452
Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.8	79.2
75	34.9	27.9	41.9





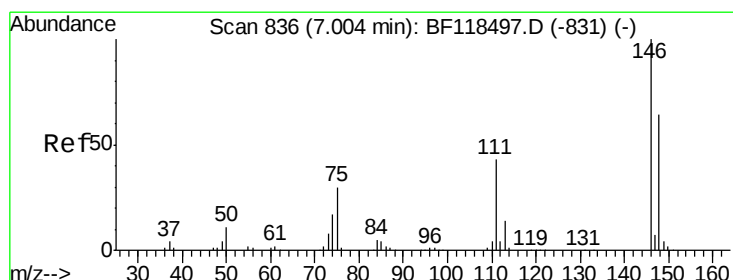
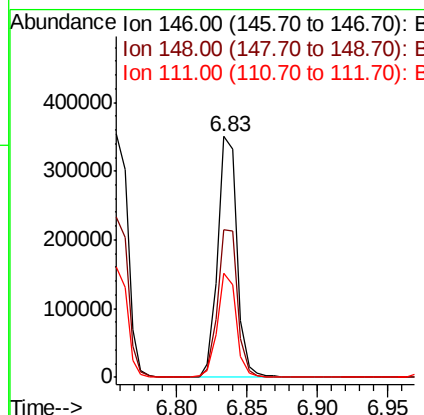
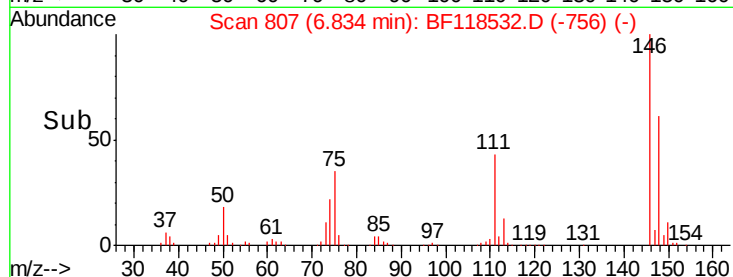
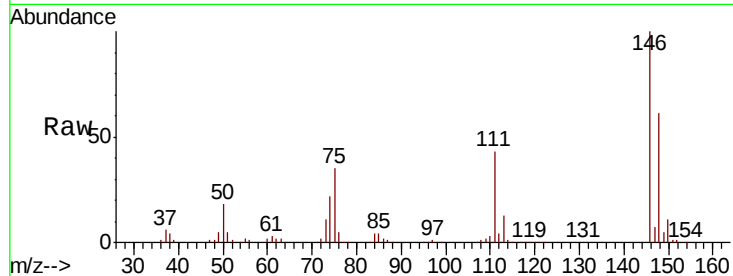
#13
1,4-Dichlorobenzene
Concen: 45.764 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.0	73.6
111	43.2	34.6	51.8

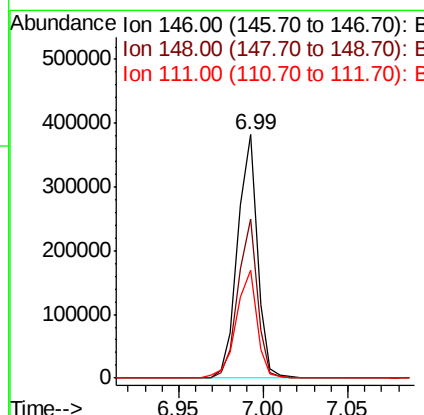
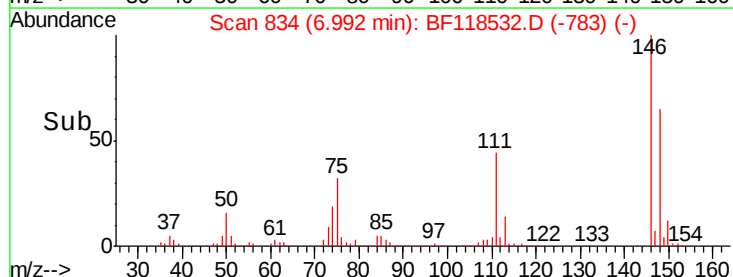
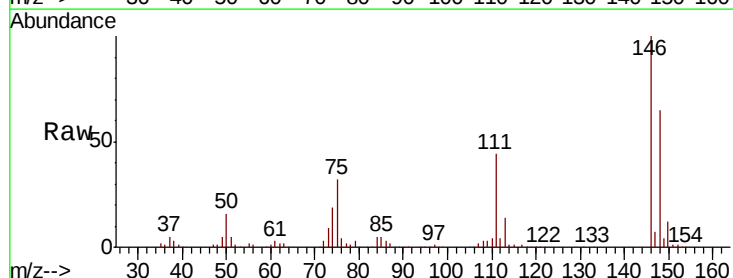
Manual Integrations
APPROVED

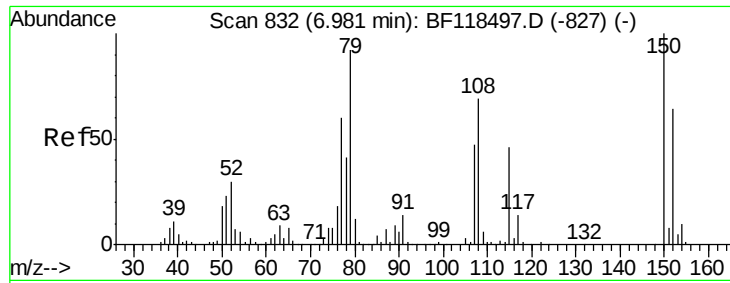
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.848 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	44.3	35.4	53.2





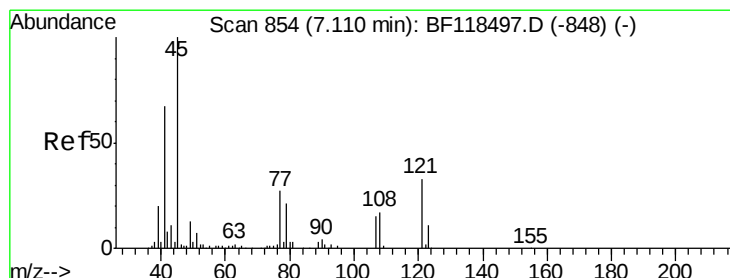
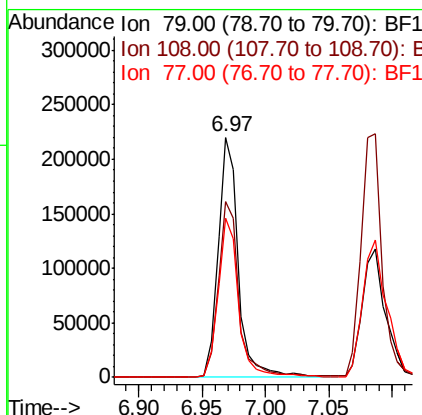
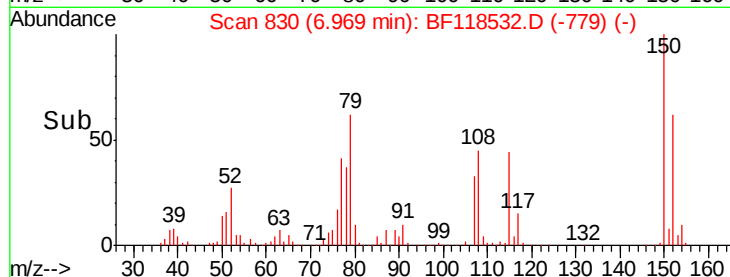
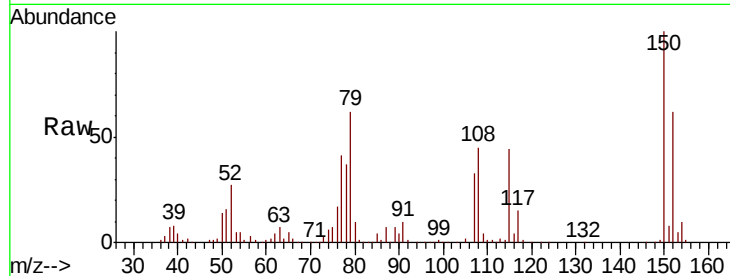
#15
Benzyl Alcohol
Concen: 45.301 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.3	58.6	88.0
77	66.3	53.0	79.6

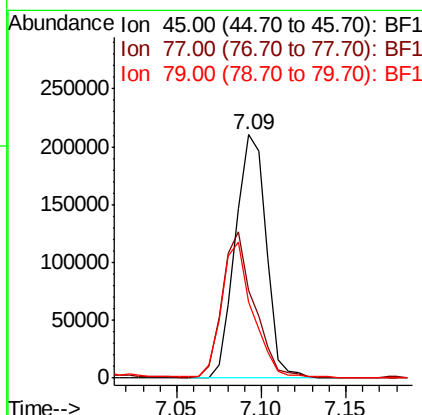
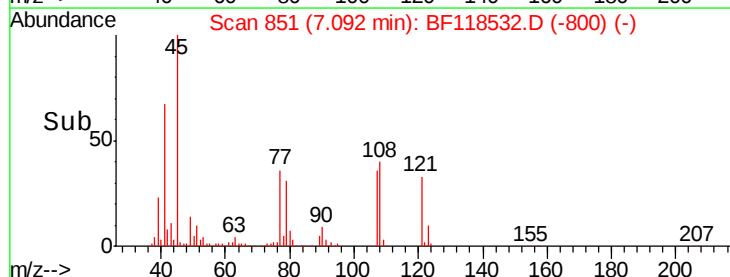
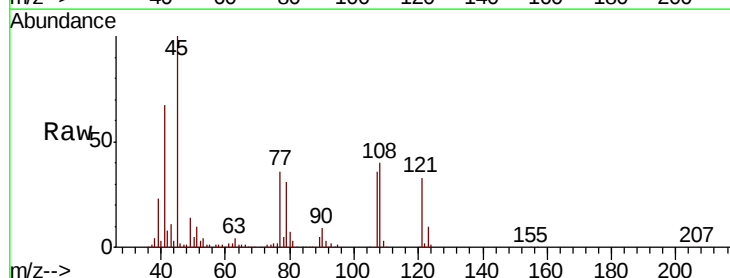
Manual Integrations
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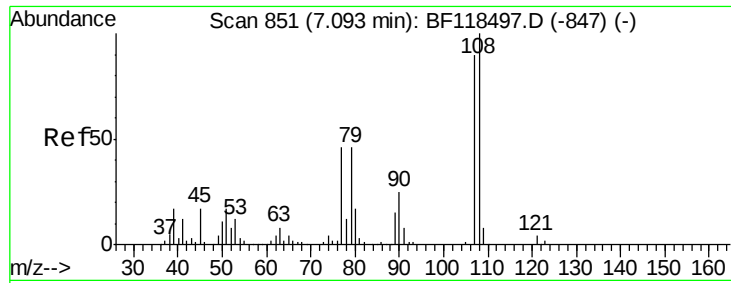
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.684 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.0	16.0	56.0
79	31.1	11.1	51.1





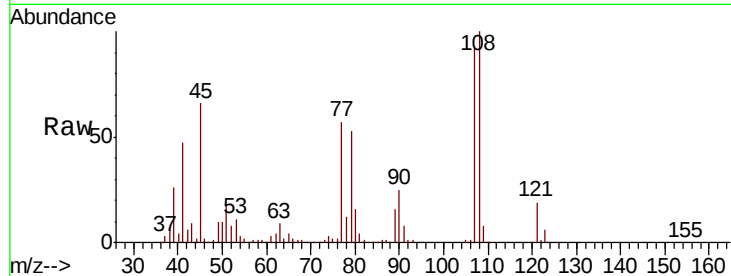
#17
2-Methylphenol
Concen: 45.247 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	87.2	130.8
77	61.8	49.4	74.2
79	57.3	45.8	68.8

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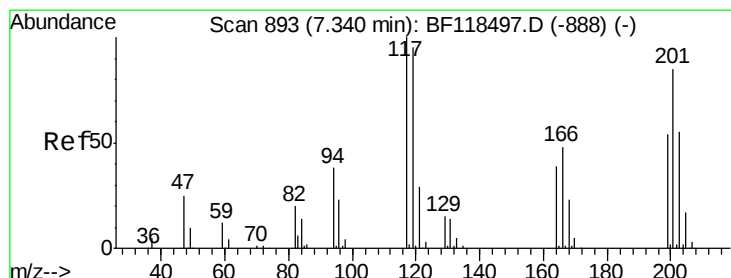
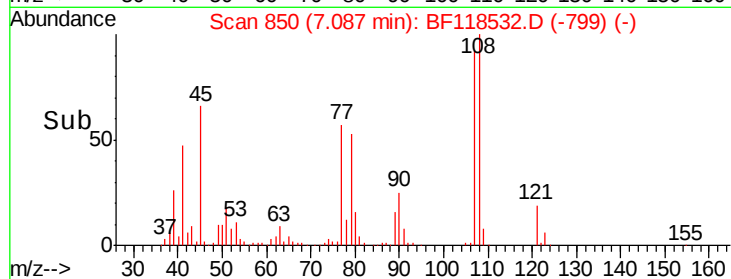
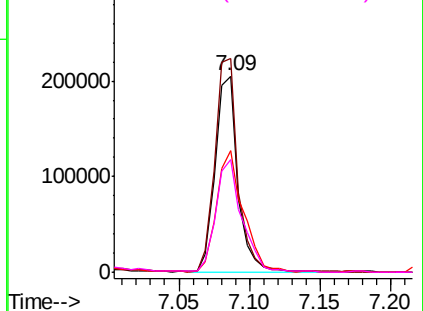
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

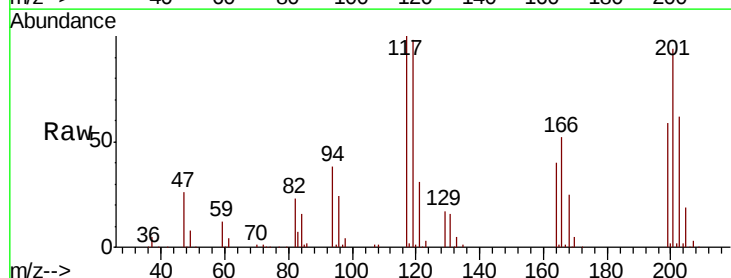
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.803 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.0	117.0
201	94.0	75.2	112.8

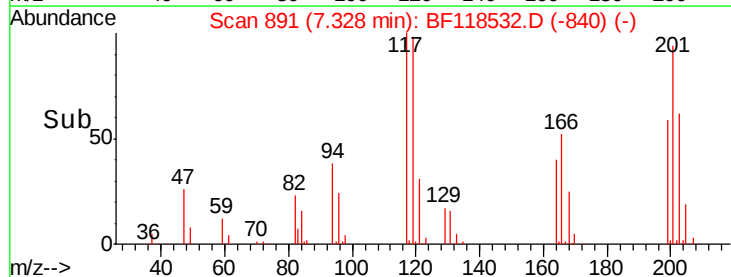
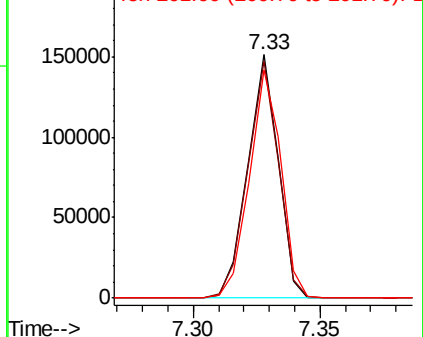


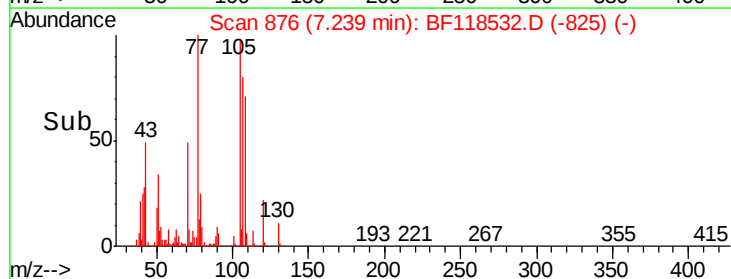
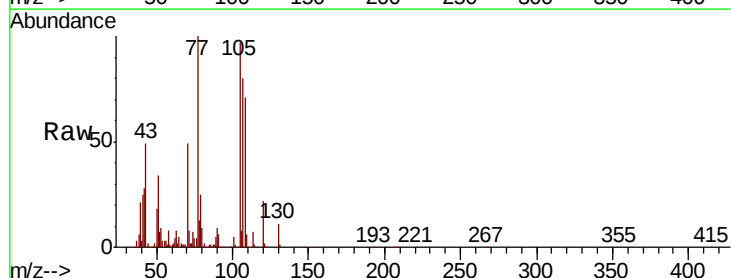
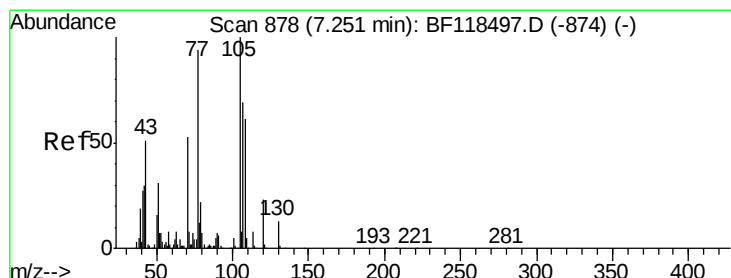
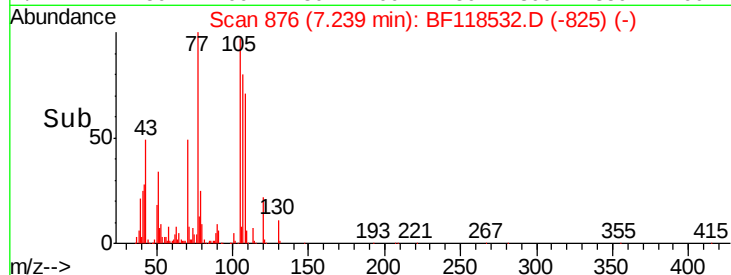
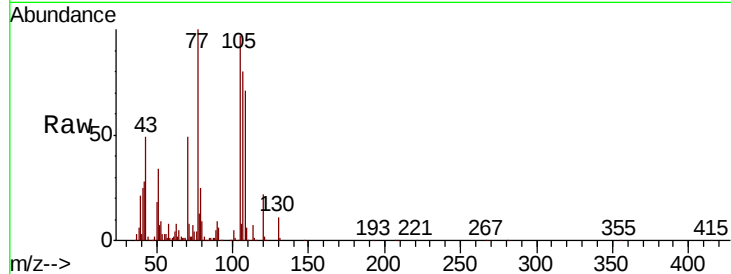
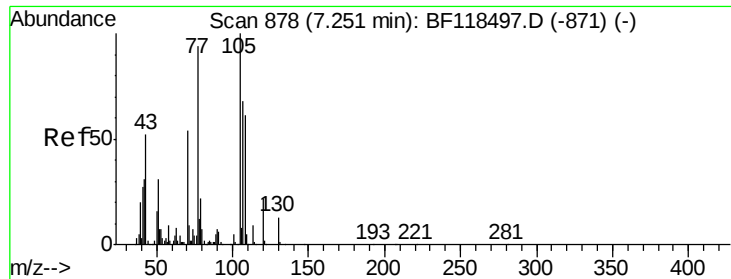
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





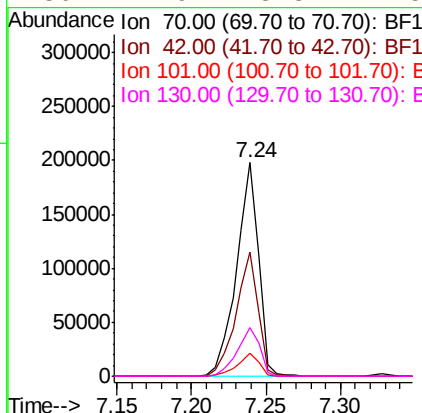
#19
n-Nitroso-di-n-propylamine
Concen: 47.231 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	46.3	69.5
101	10.6	8.5	12.7
130	22.9	18.3	27.5

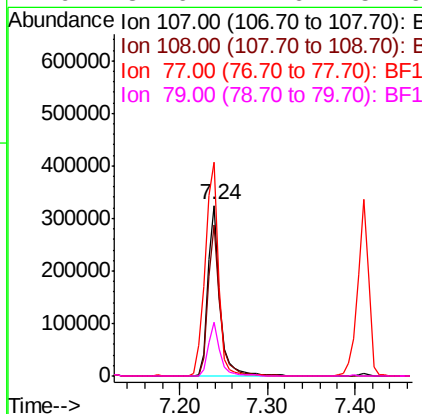
Manual Integrations
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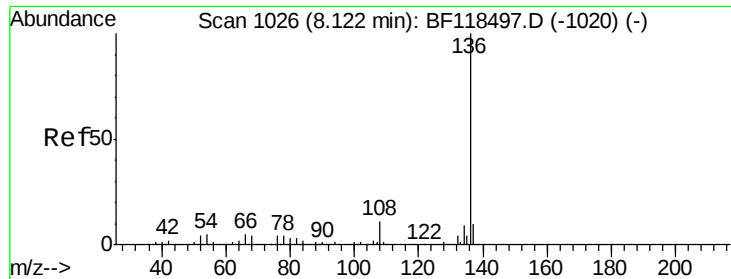
mohammad
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#20
3+4-Methylphenols
Concen: 45.168 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.3	108.3
77	125.1	105.1	145.1
79	31.6	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

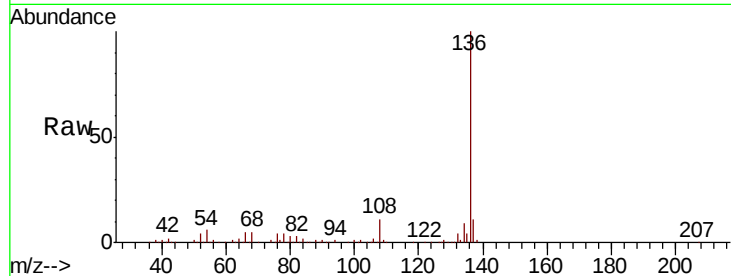
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	402948		
137	10.6		8.5	12.7
54	6.0		4.8	7.2
68	4.6		3.7	5.5

Manual Integrations
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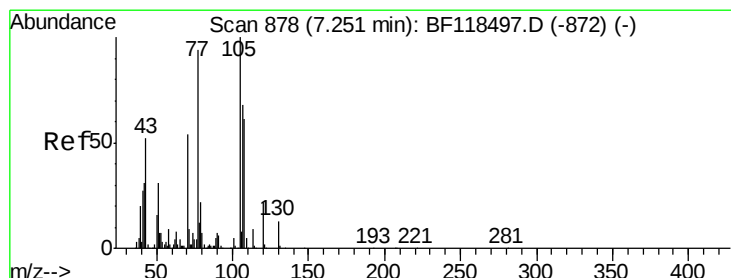
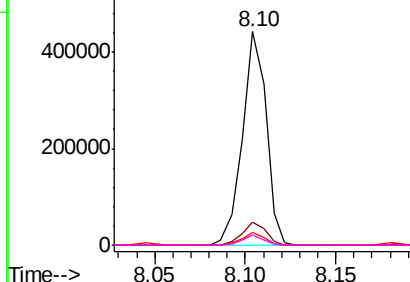
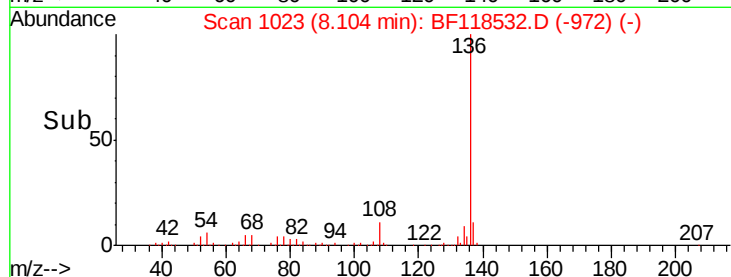
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.310 ng

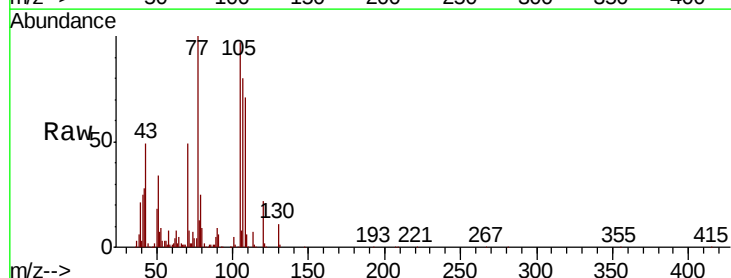
RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432149		
71	8.4		6.7	10.1
51	34.8		27.8	41.8
120	22.4		17.9	26.9



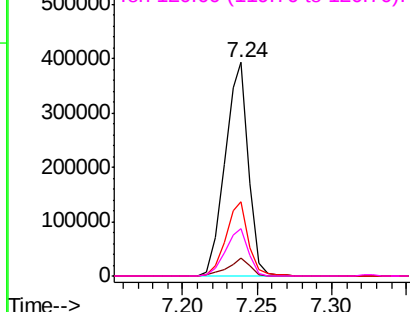
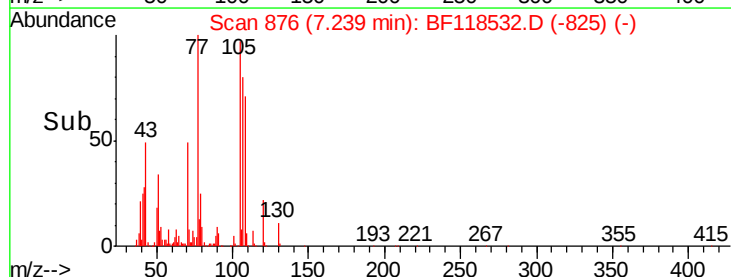
Abundance

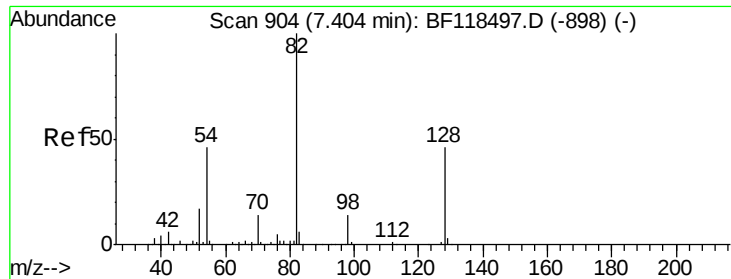
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





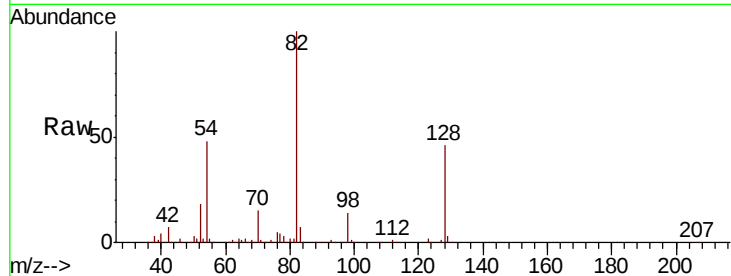
#23
 Nitrobenzene-d5
 Concen: 80.466 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	54.8
54	47.7	38.2	57.2

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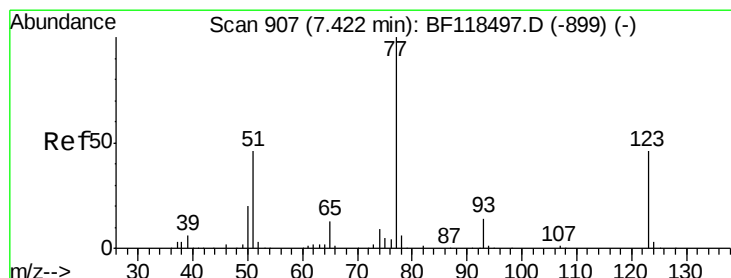
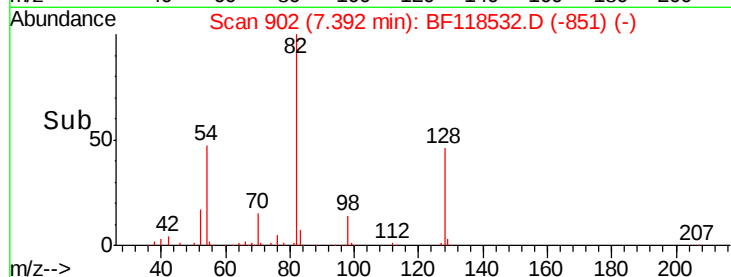
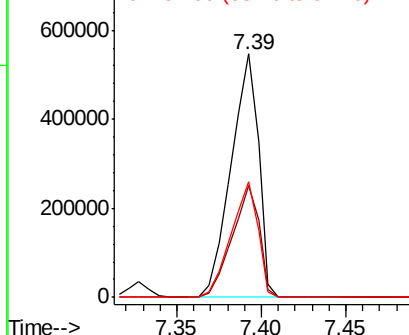


Abundance

Ion 82.00 (81.70 to 82.70): BF1

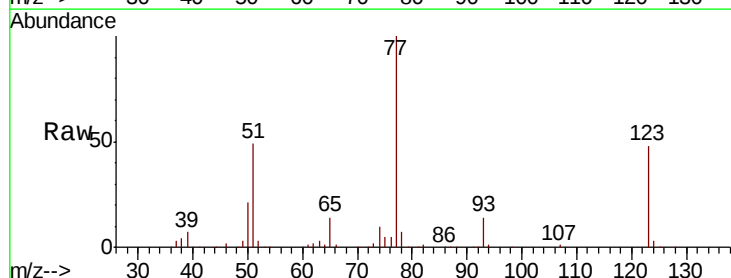
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 38.944 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.2	57.2
65	13.9	11.1	16.7

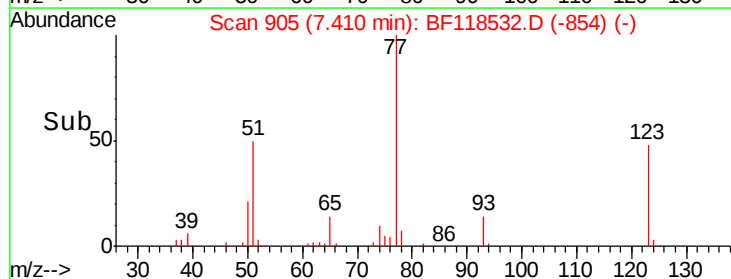
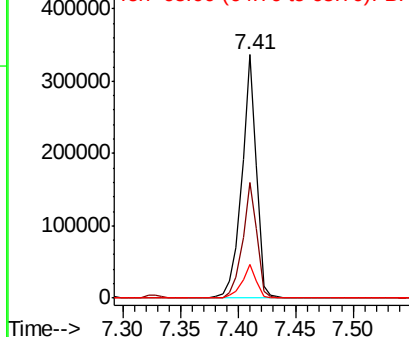


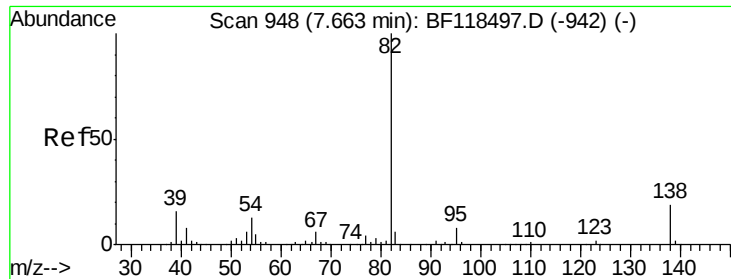
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.975 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

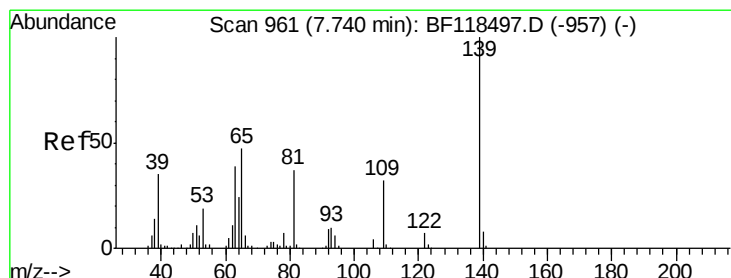
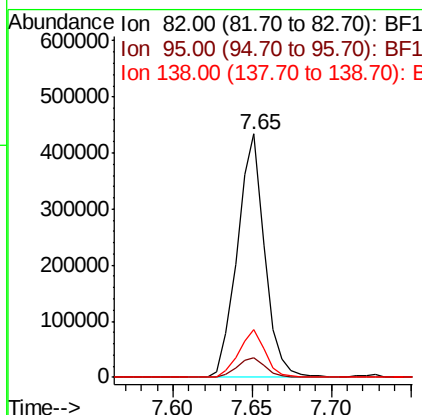
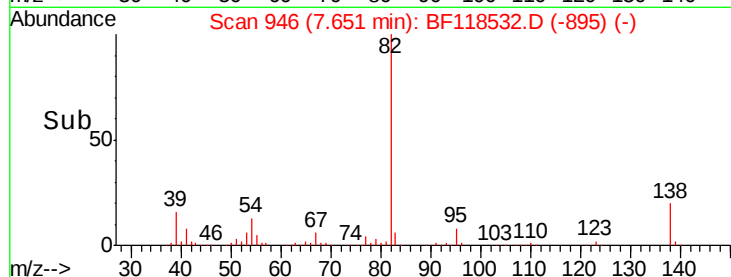
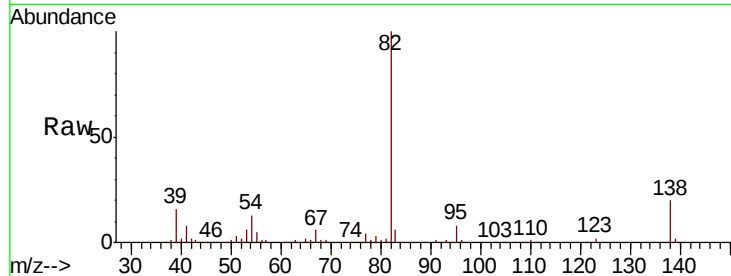
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	515810
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	19.6	15.7	23.5

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1/14/2020 2:31:31 PM



#26

2-Nitrophenol

Concen: 42.471 ng

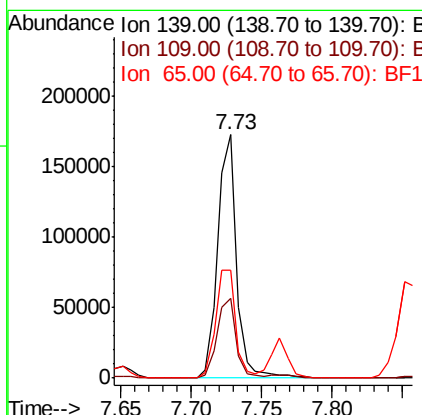
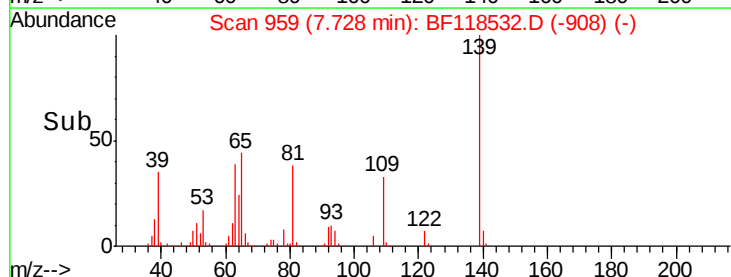
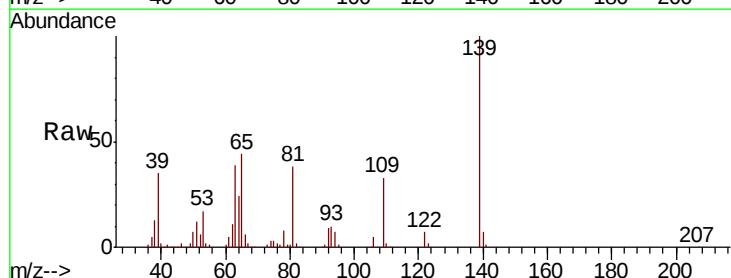
RT: 7.73 min Scan# 959

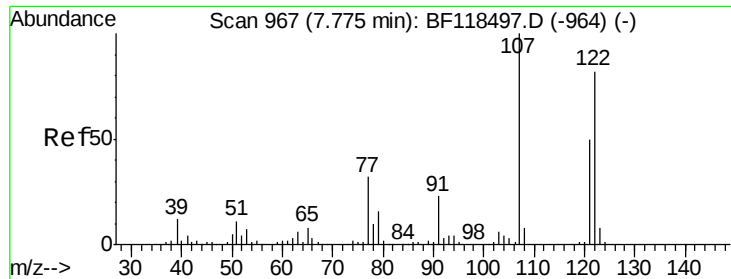
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	139	Resp:	159940
Ion Ratio	Lower	Upper	
139	100		
109	33.0	26.4	39.6
65	44.1	35.3	52.9





#27

2,4-Dimethylphenol

Concen: 41.925 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

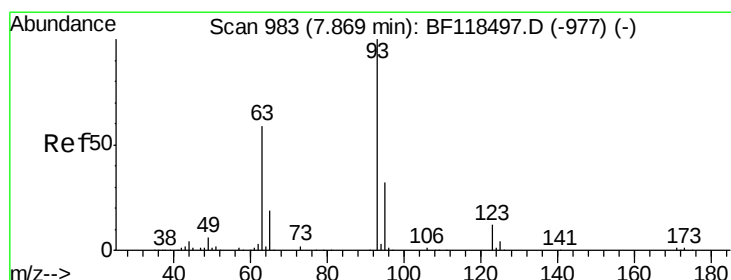
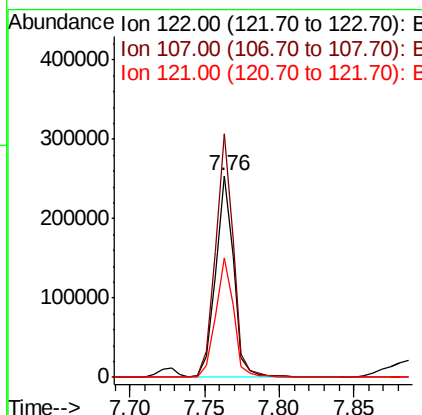
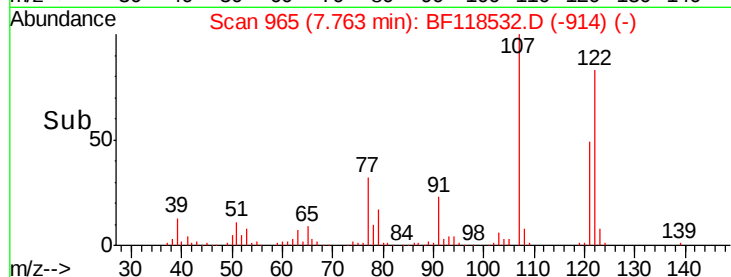
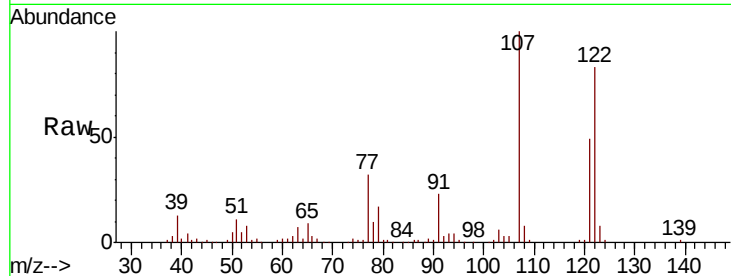
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	212324
Ion Ratio	Lower	Upper	
122	100		
107	120.8	96.6	145.0
121	59.2	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 42.184 ng

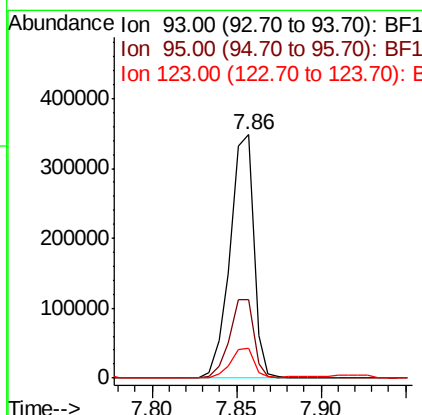
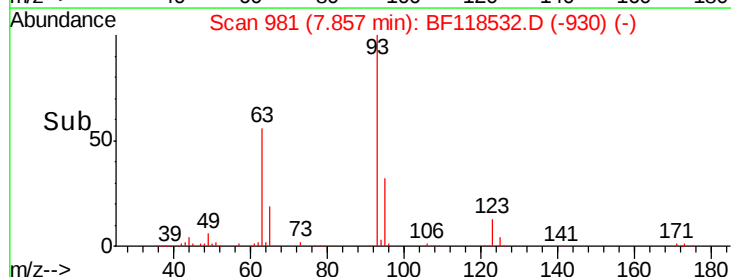
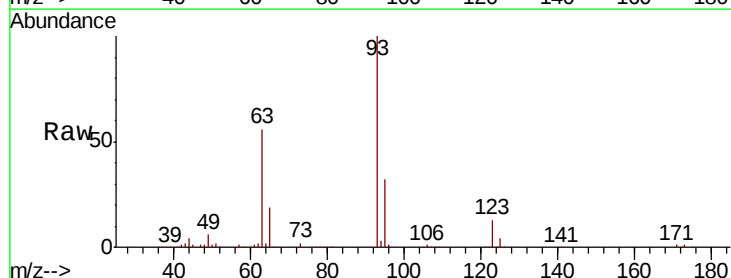
RT: 7.86 min Scan# 981

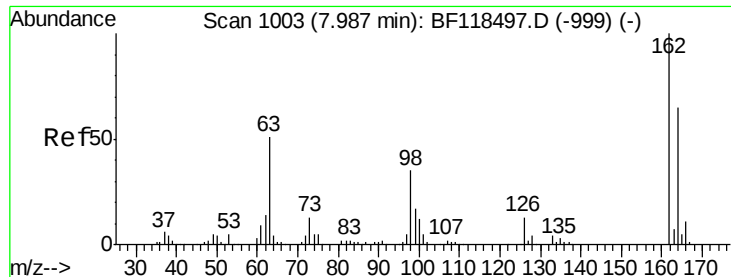
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	93	Resp:	340804
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.8	38.8
123	12.5	10.0	15.0





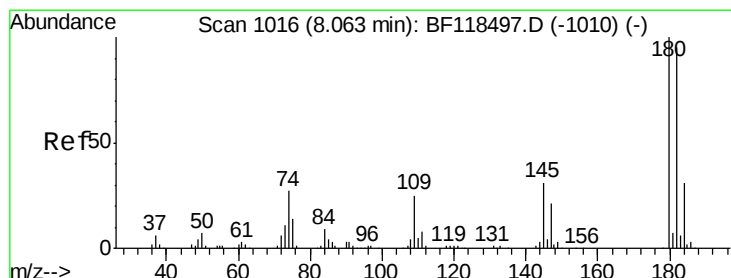
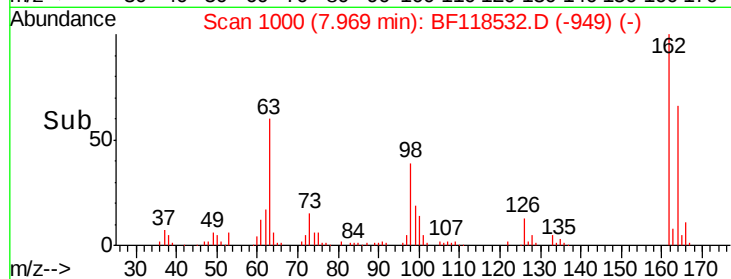
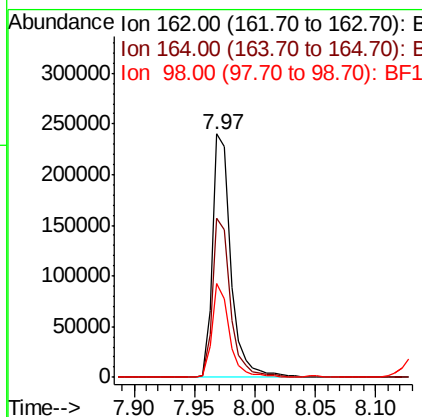
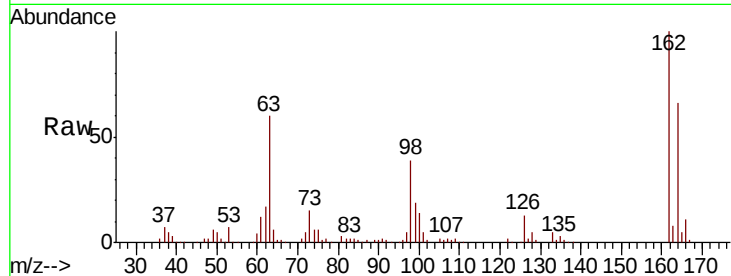
#29
 2,4-Dichlorophenol
 Concen: 42.327 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:	162	Resp:	250286
Ion Ratio	Lower	Upper	
162	100		
164	65.5	45.5	85.5
98	38.7	18.7	58.7

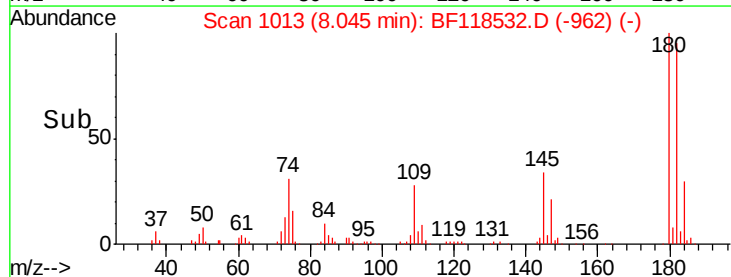
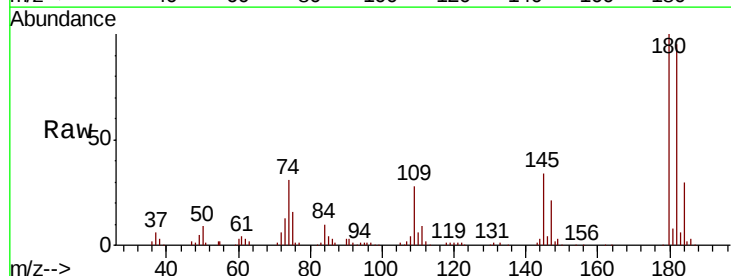
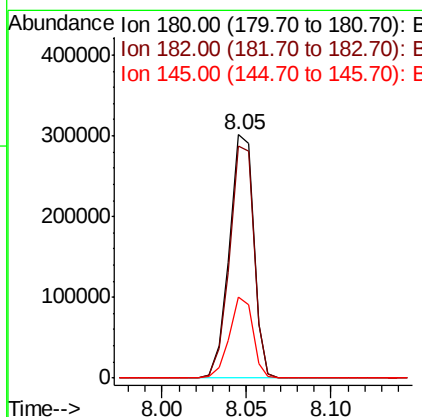
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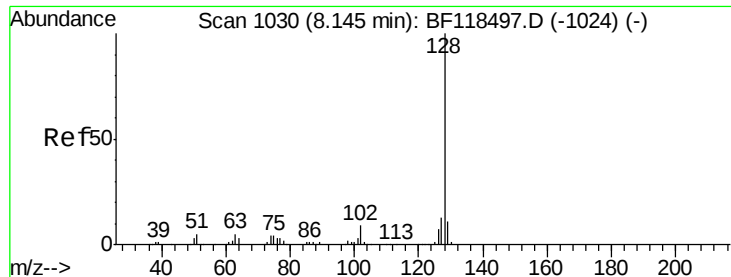
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.908 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:	180	Resp:	301555
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.2	114.2
145	33.5	26.8	40.2





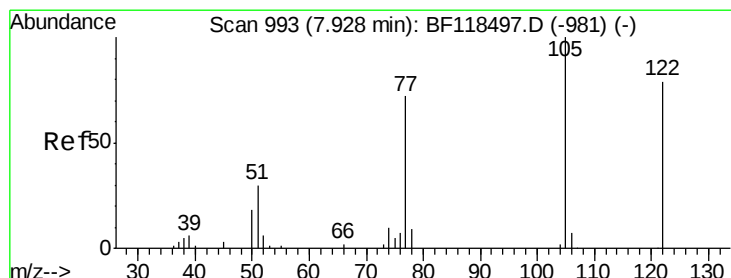
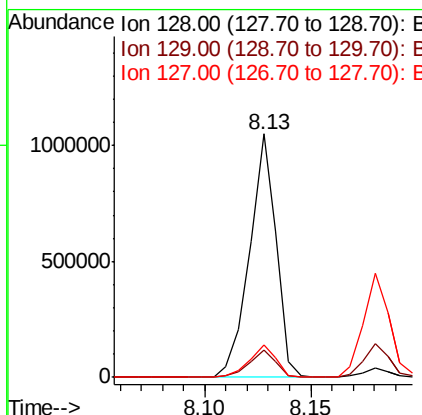
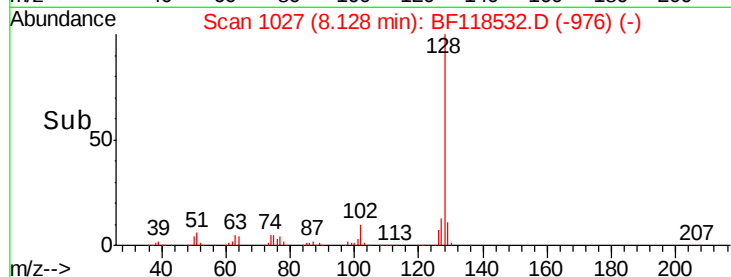
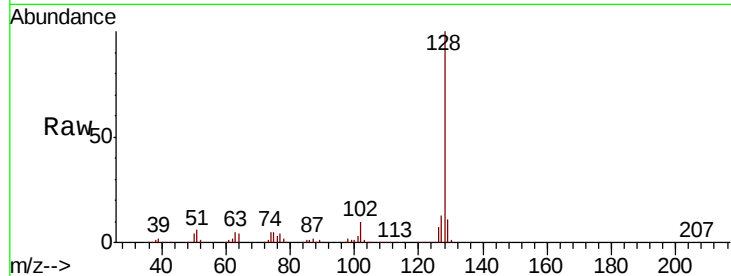
#31
Naphthalene
Concen: 43.653 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.6	15.8

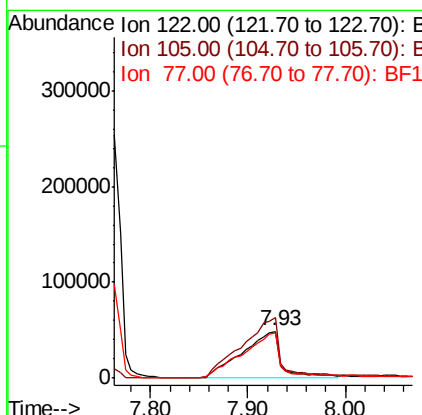
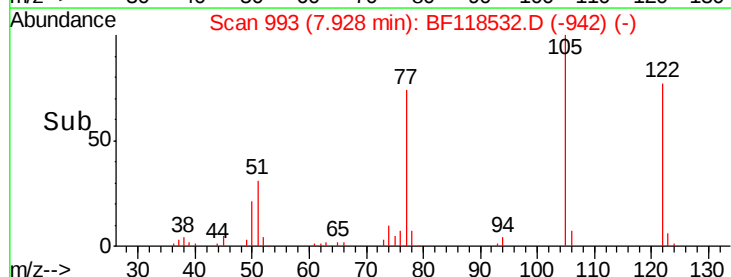
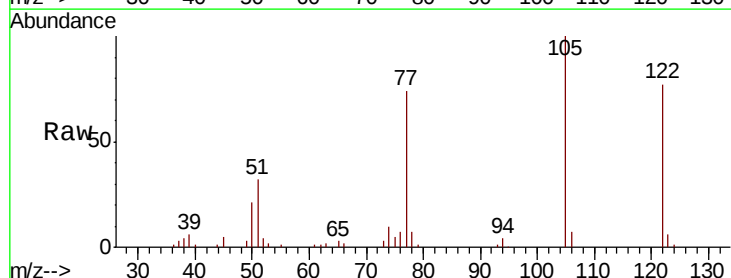
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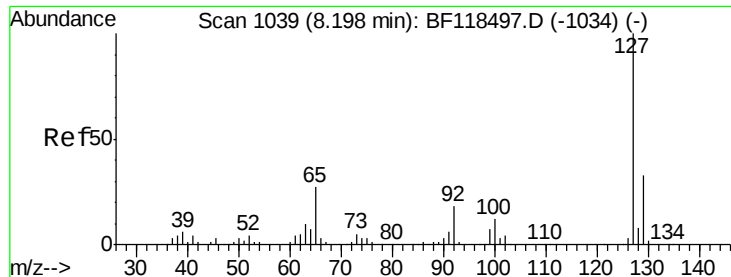
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#32
Benzoic acid
Concen: 39.943 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	109.5	149.5
77	95.7	75.7	115.7





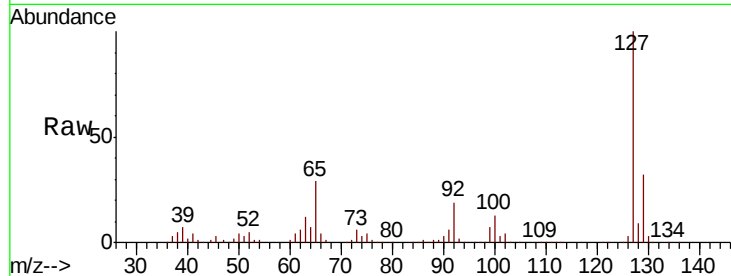
#33
4-Chloroaniline
Concen: 45.490 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

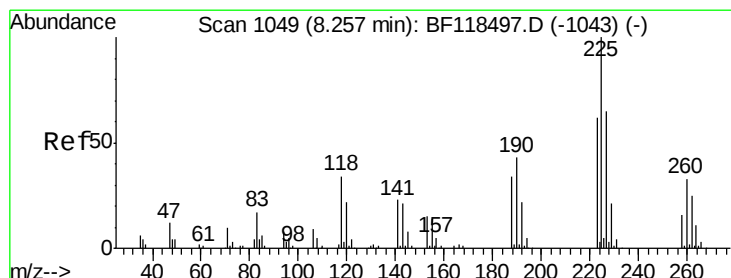
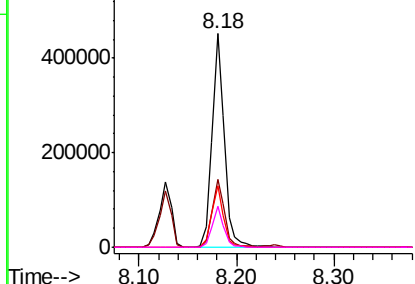
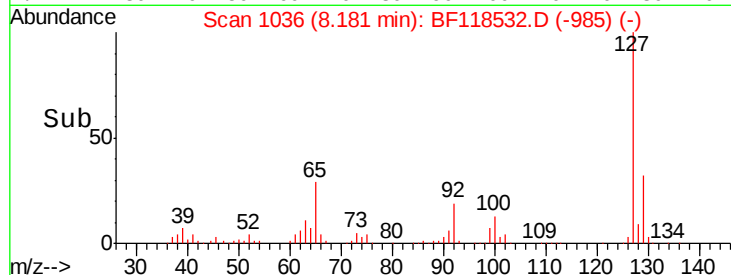
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.0	23.2	34.8
92	19.4	15.5	23.3

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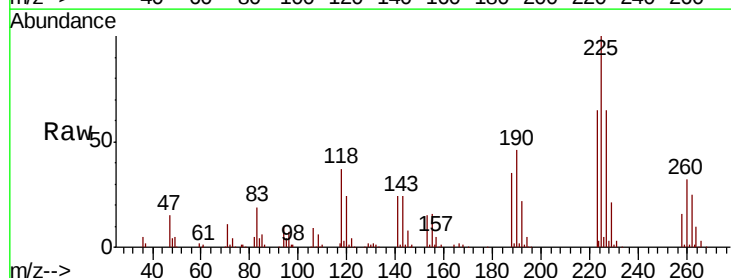


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

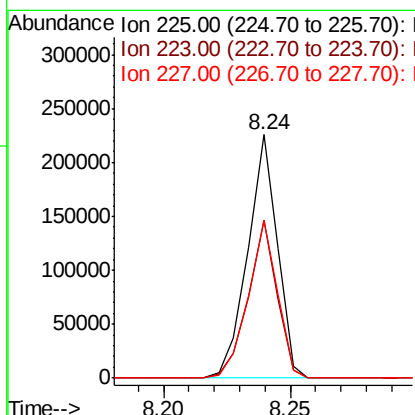
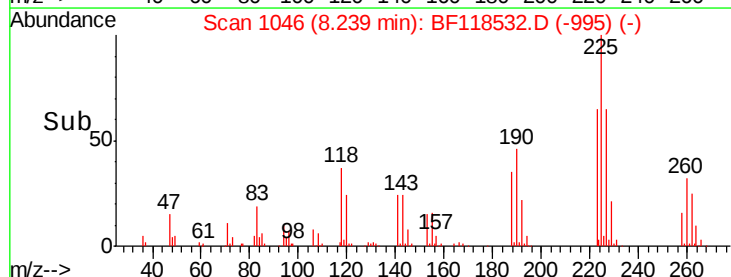


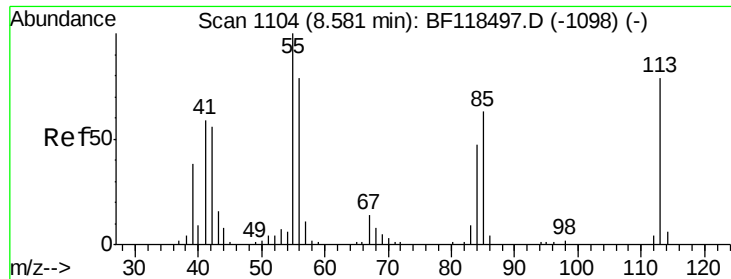
#34
Hexachlorobutadiene
Concen: 43.599 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.0	78.0
227	65.0	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





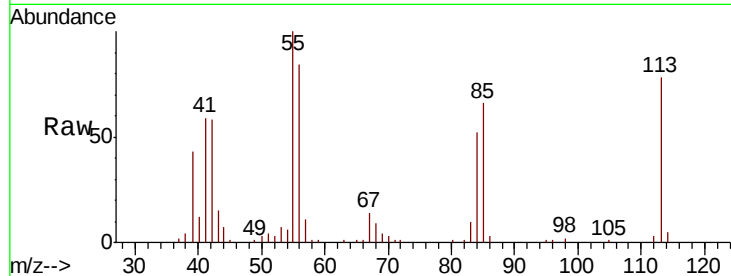
#35
Caprolactam
Concen: 40.909 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.6	107.6	147.6
56	107.4	87.4	127.4

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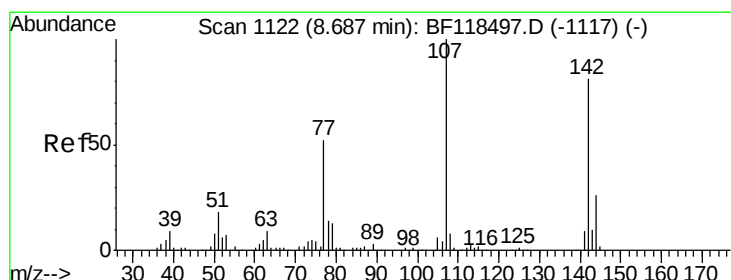
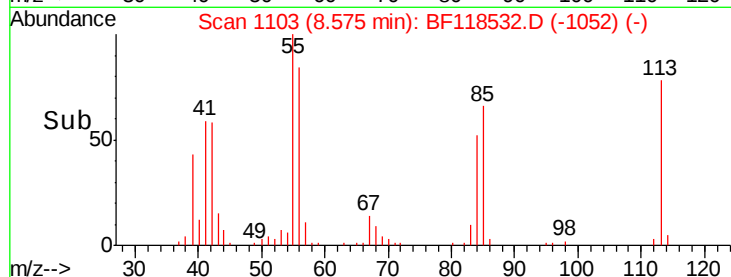
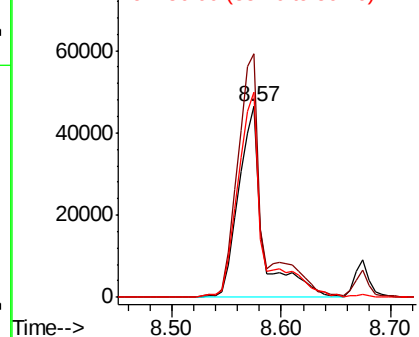


Abundance

Ion 113.00 (112.70 to 113.70): E

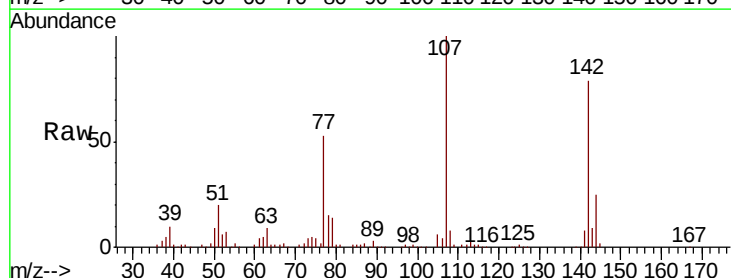
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 40.696 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.3	30.5
142	79.3	63.4	95.2

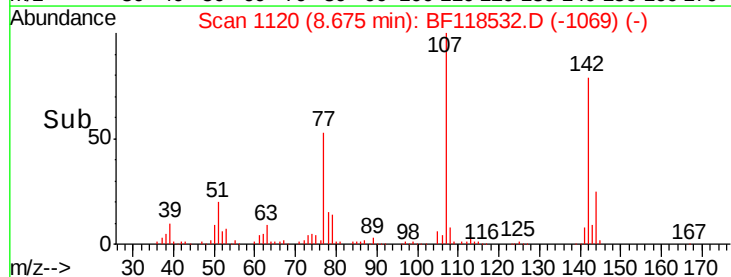
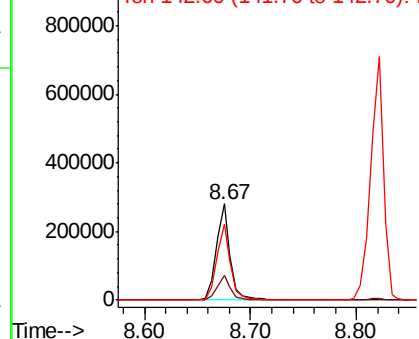


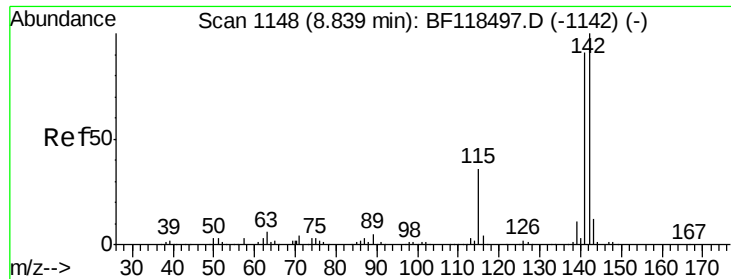
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





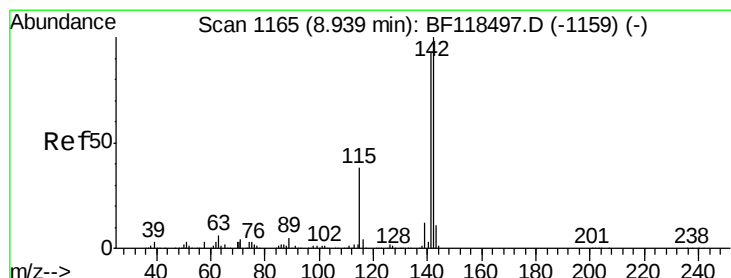
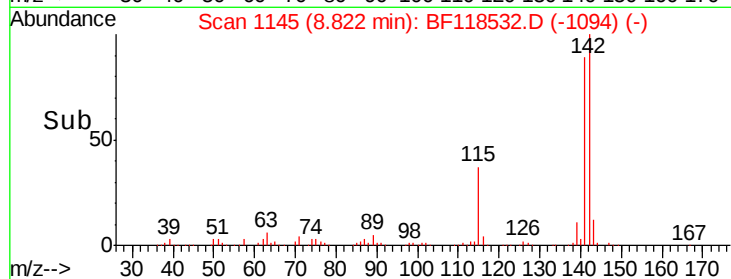
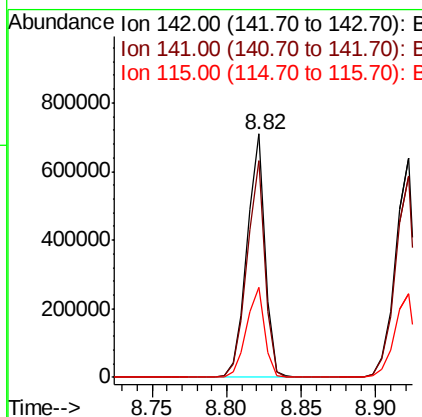
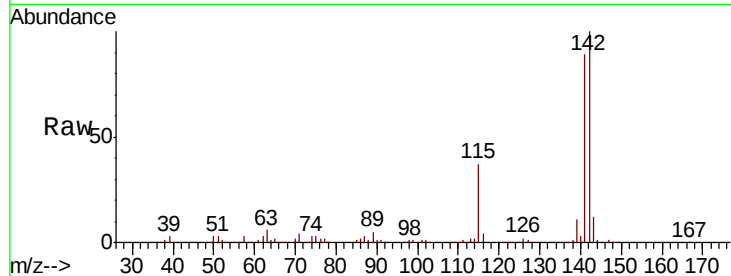
#37
2-Methylnaphthalene
Concen: 40.996 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	36.8	29.4	44.2

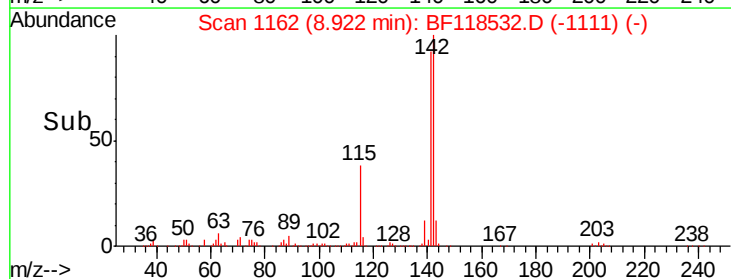
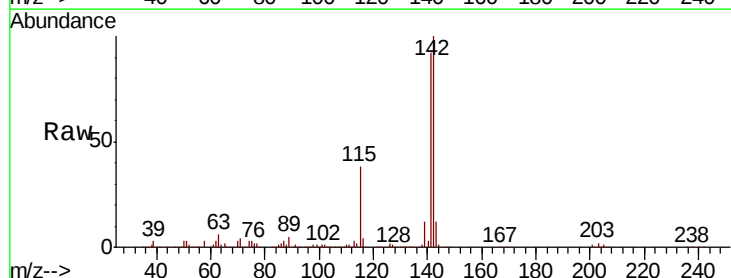
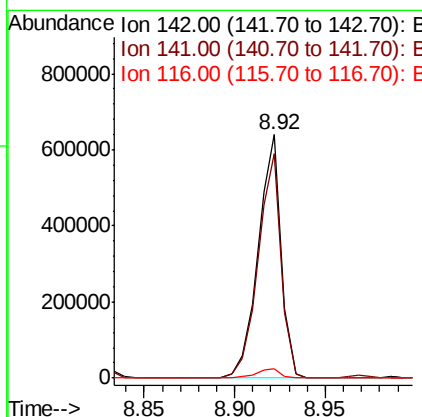
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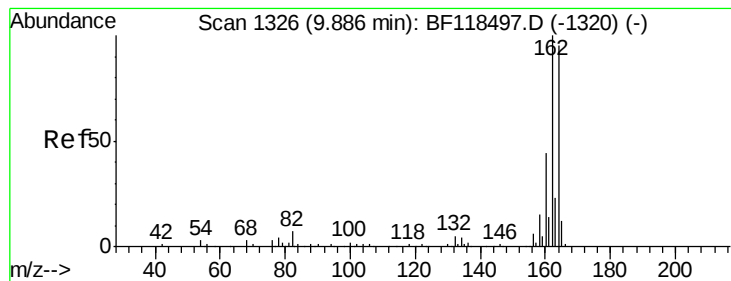
mohammad
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#38
1-Methylnaphthalene
Concen: 41.207 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.6	110.4
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

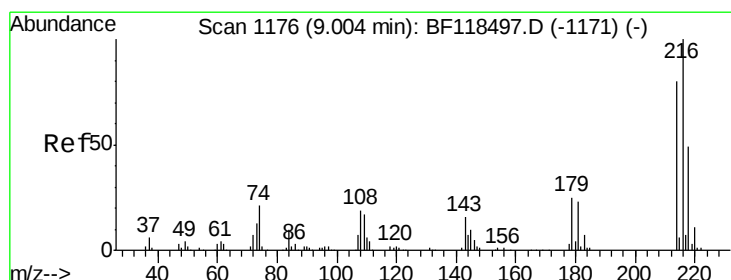
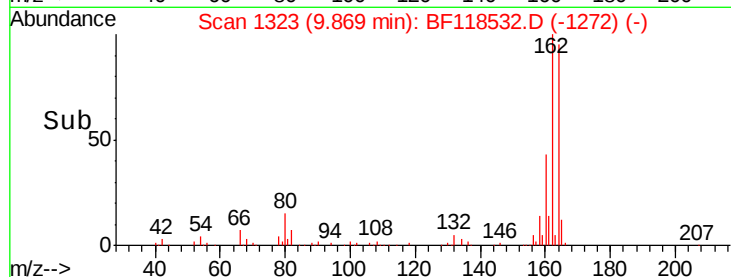
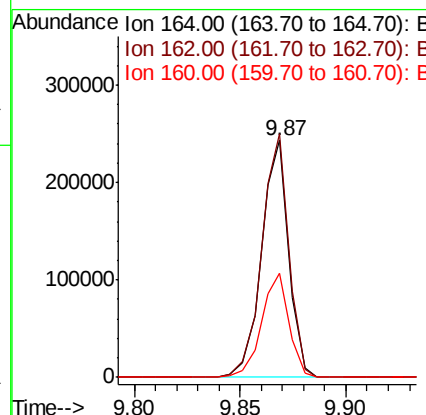
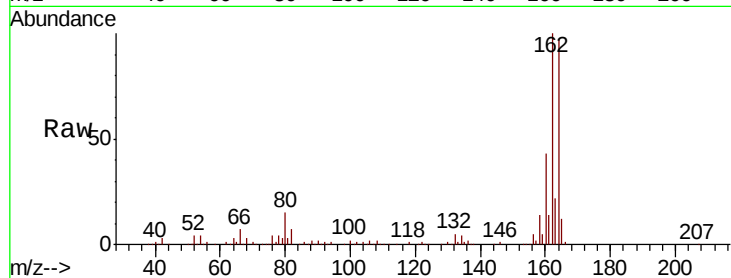
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	217184
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.3	123.5
160	44.1	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.009 ng

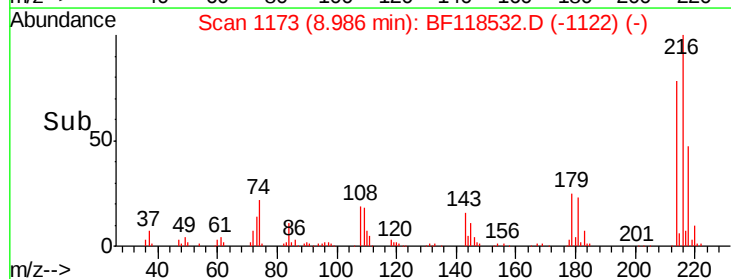
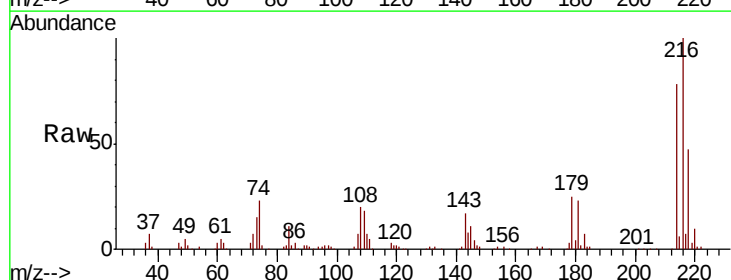
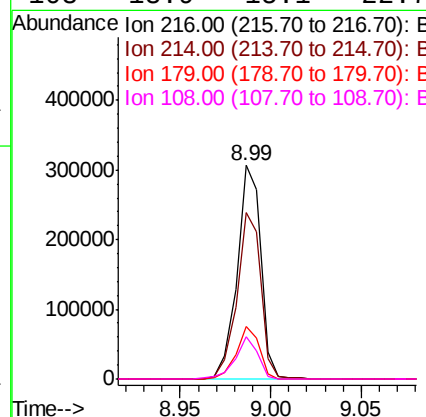
RT: 8.99 min Scan# 1173

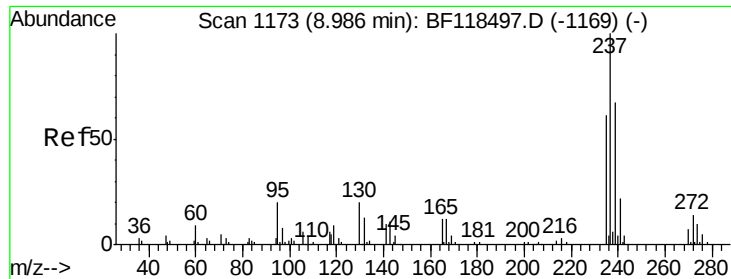
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	216	Resp:	280326
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.6	93.8
179	23.6	18.9	28.3
108	18.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 35.445 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

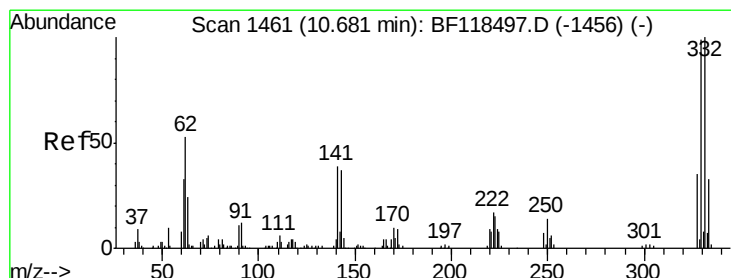
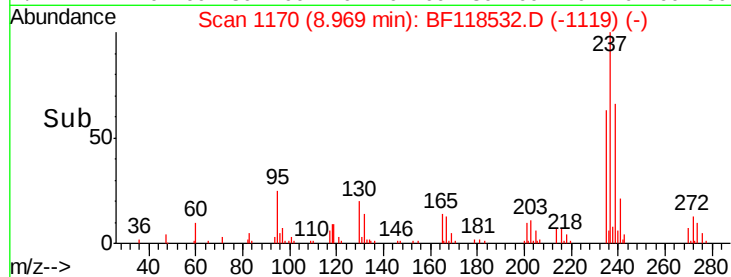
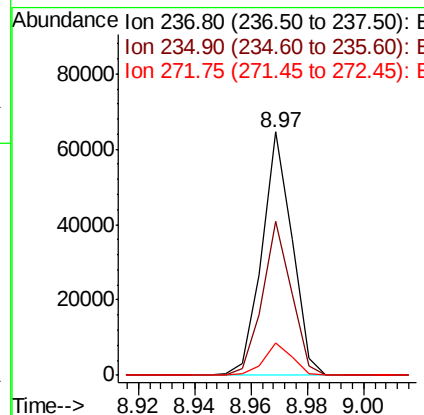
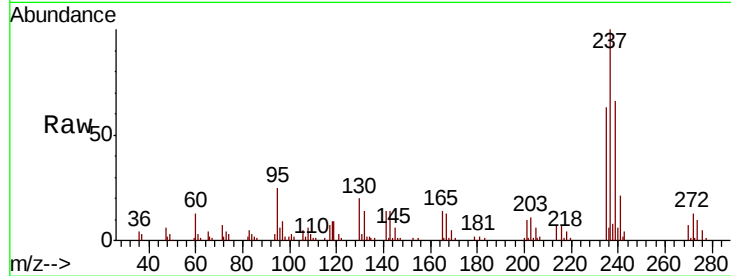
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	47711
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.5	83.5
272	13.3	0.0	33.3

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#42

2,4,6-Tribromophenol

Concen: 87.921 ng

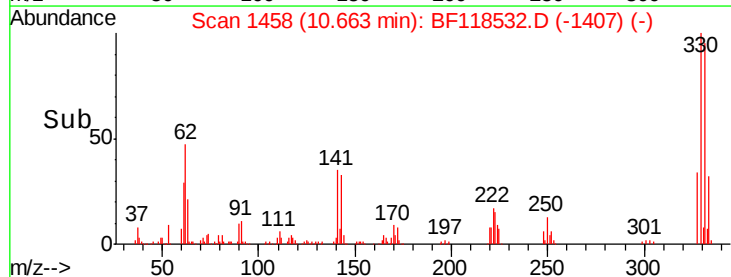
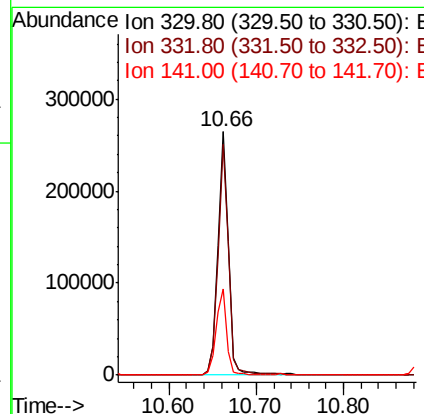
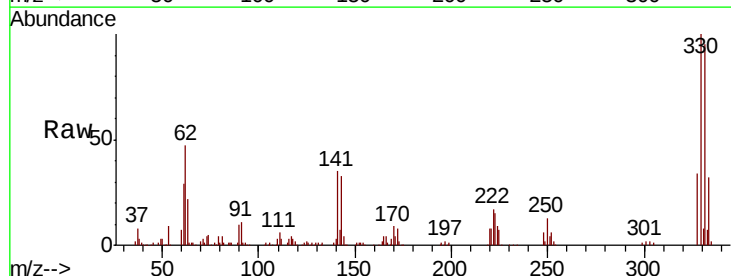
RT: 10.66 min Scan# 1458

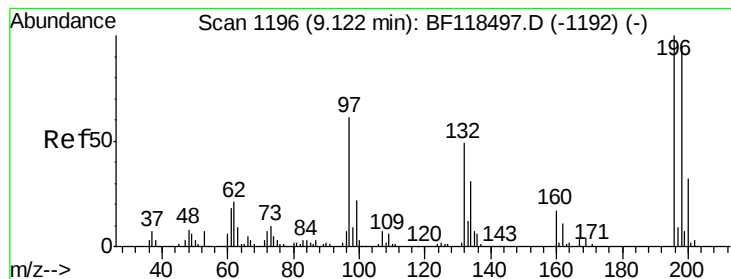
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	330	Resp:	225319
Ion Ratio	Lower	Upper	
330	100		
332	94.4	75.5	113.3
141	34.7	27.8	41.6





#43

2,4,6-Trichlorophenol

Concen: 43.172 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

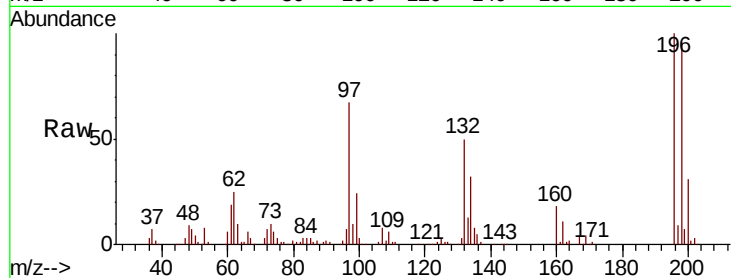
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	178024
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.6	115.0
200	31.0	24.8	37.2

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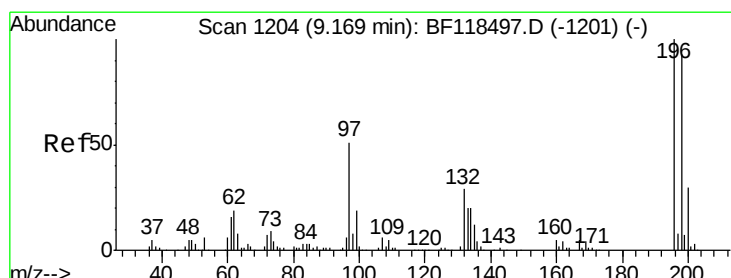
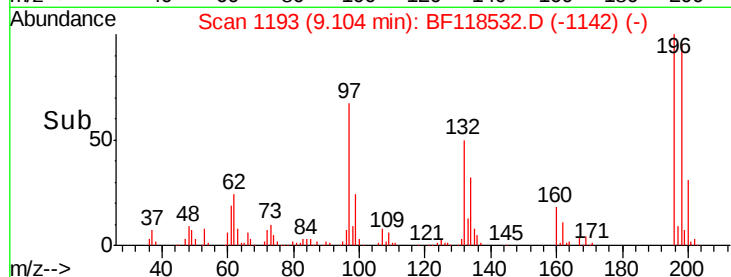
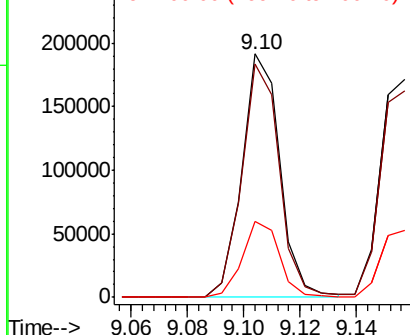


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.209 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	196	Resp:	184382
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.8	113.6
97	50.1	40.1	60.1
132	27.0	21.6	32.4

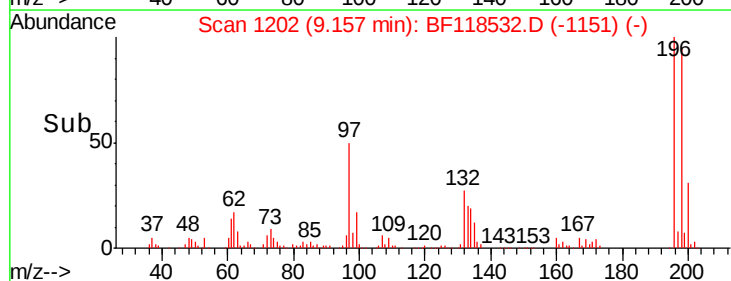
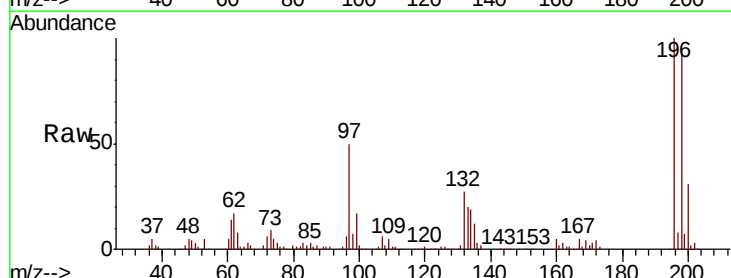
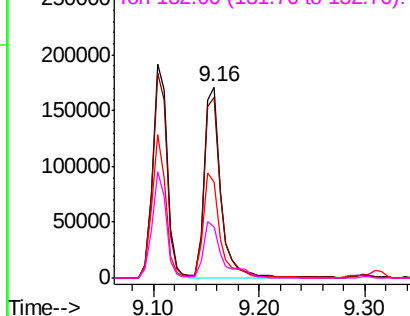
Abundance

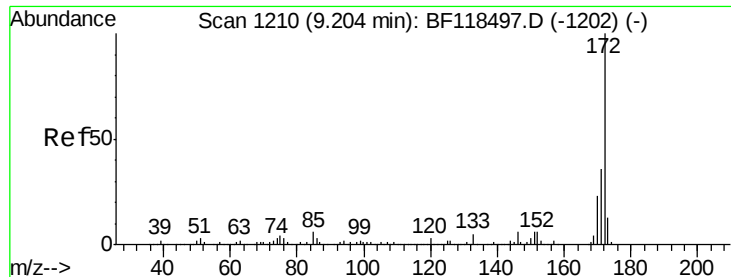
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





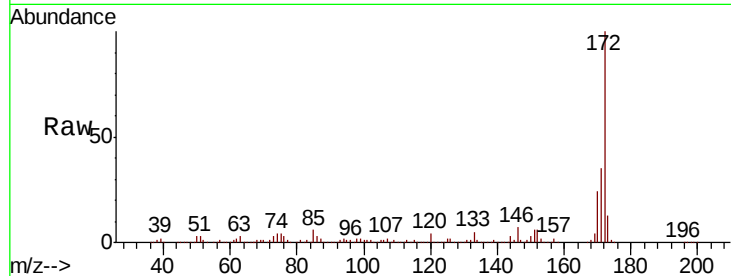
#45
2-Fluorobiphenyl
Concen: 84.340 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
1277181	172	100		
	171	35.4	28.3	42.5
	170	23.7	19.0	28.4

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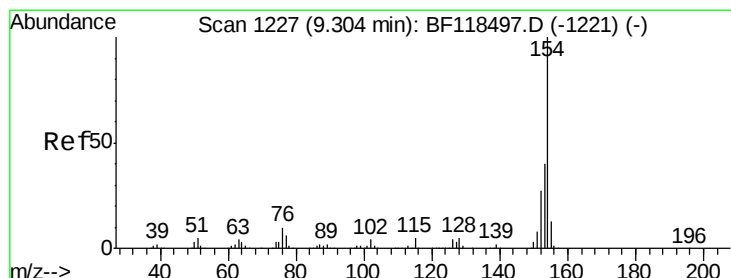
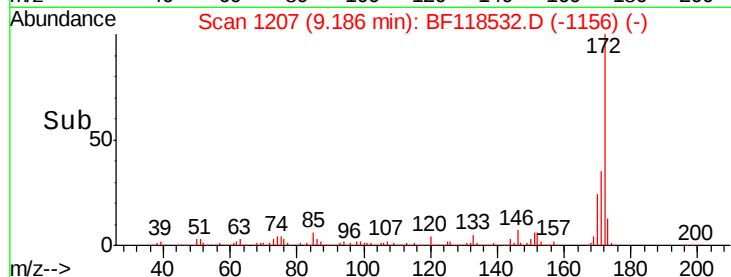
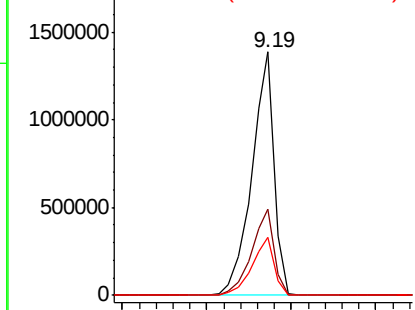


Abundance

Ion 172.00 (171.70 to 172.70): E

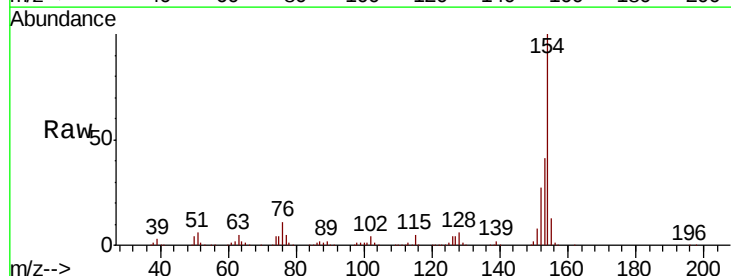
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.631 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
721021	154	100		
	153	40.7	20.7	60.7
	76	11.1	0.0	31.1

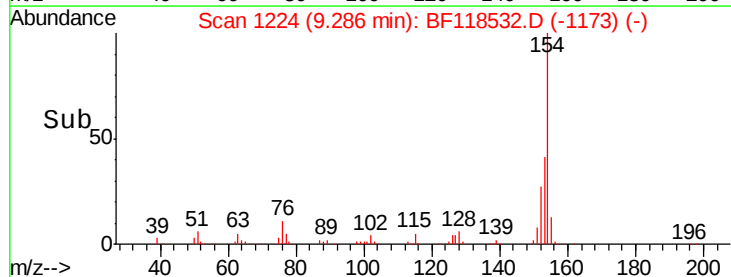
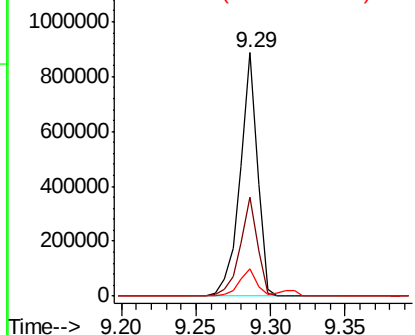


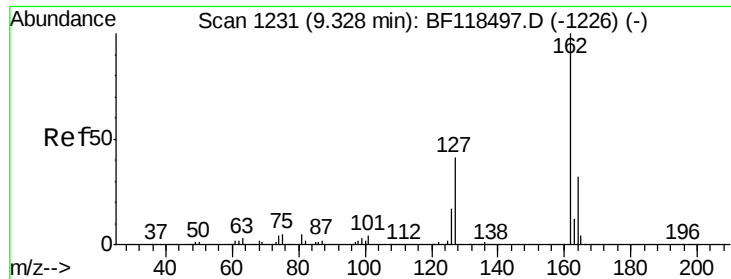
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





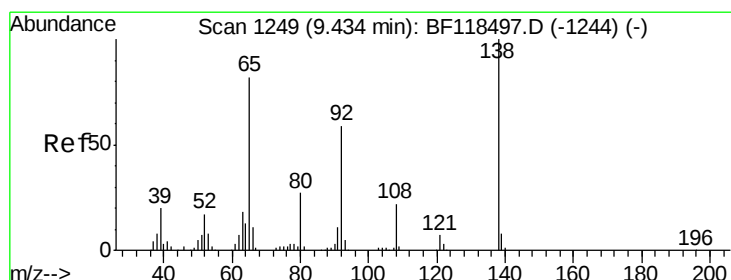
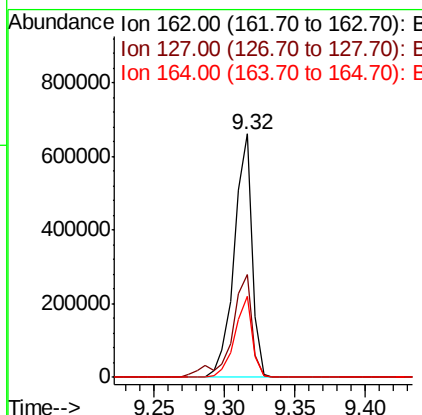
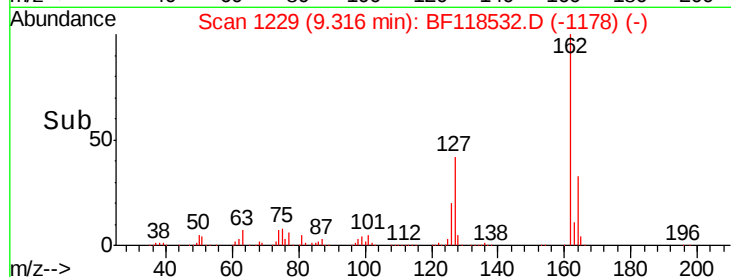
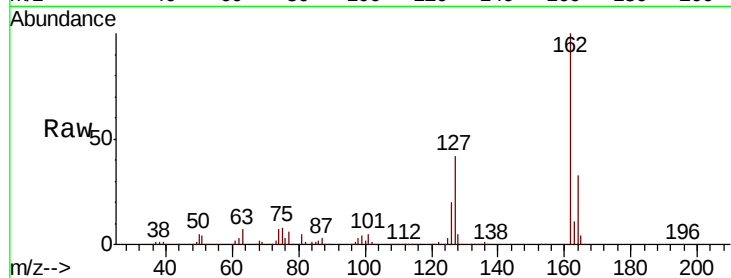
#47
2-Chloronaphthalene
Concen: 41.422 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.7	50.5
164	33.2	26.6	39.8

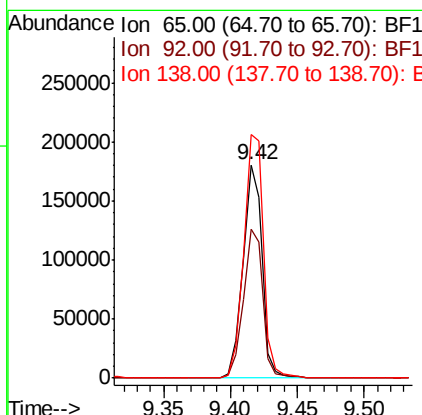
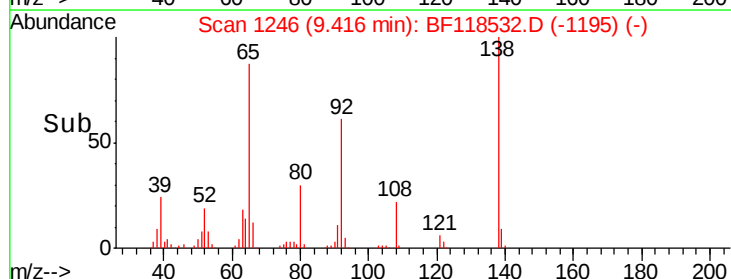
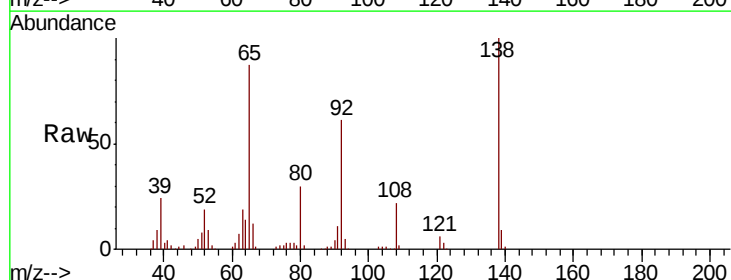
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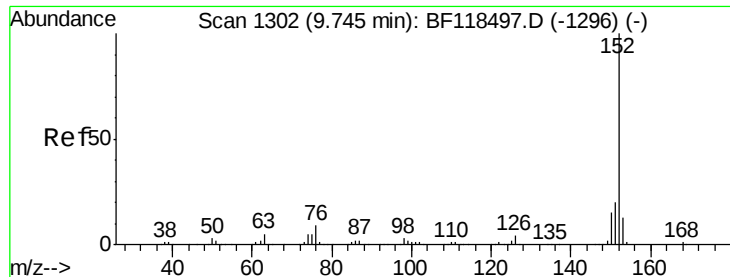
mohammad
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#48
2-Nitroaniline
Concen: 43.827 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	55.8	83.8
138	114.3	91.4	137.2





#49

Acenaphthylene

Concen: 41.892 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

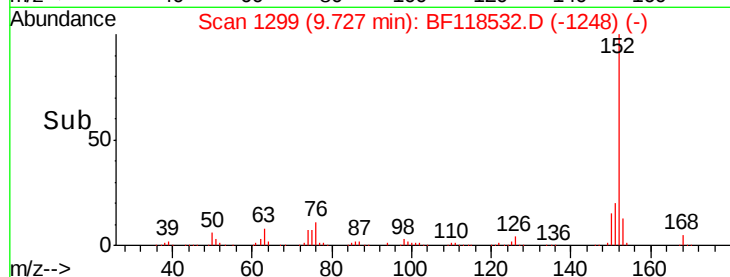
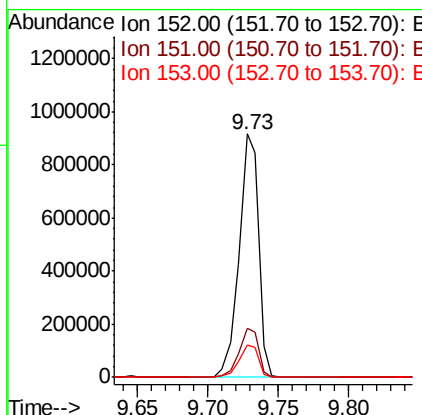
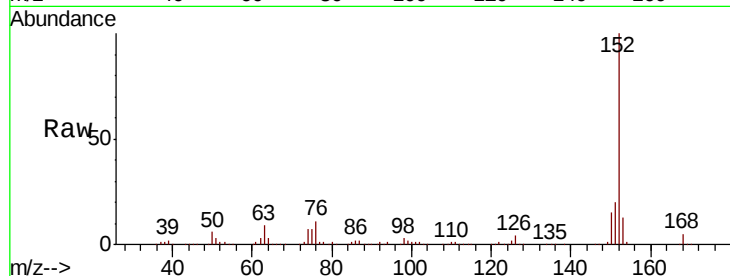
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.1	16.1	24.1	
153	13.3	10.6	16.0	

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.613 ng

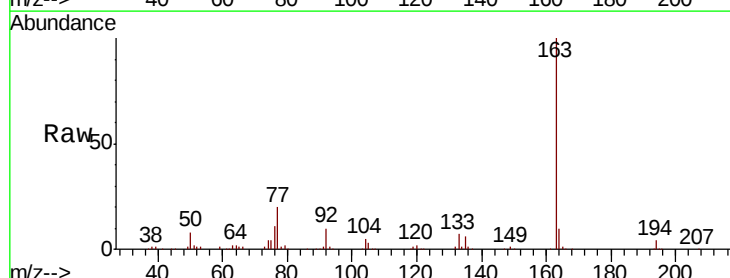
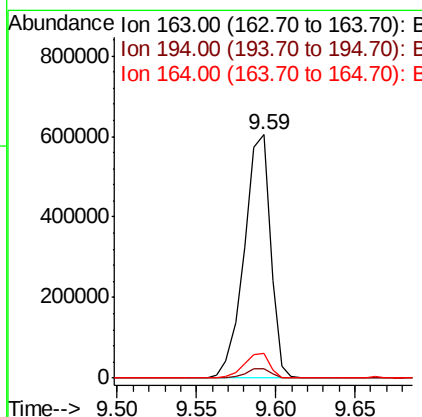
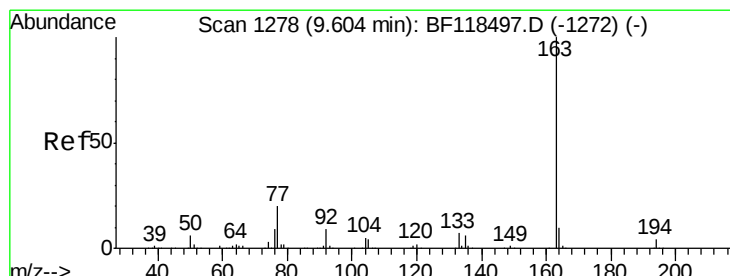
RT: 9.59 min Scan# 1276

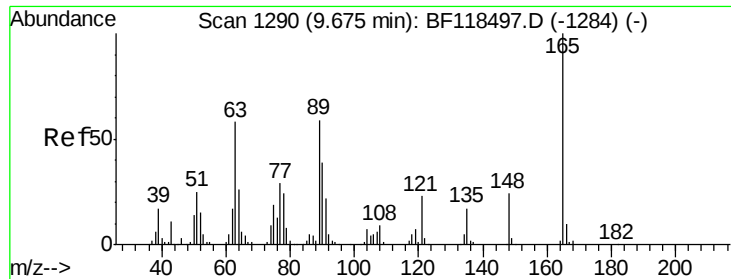
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.9	3.1	4.7	
164	10.0	8.0	12.0	





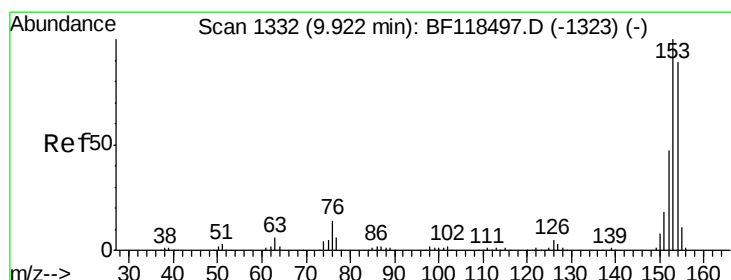
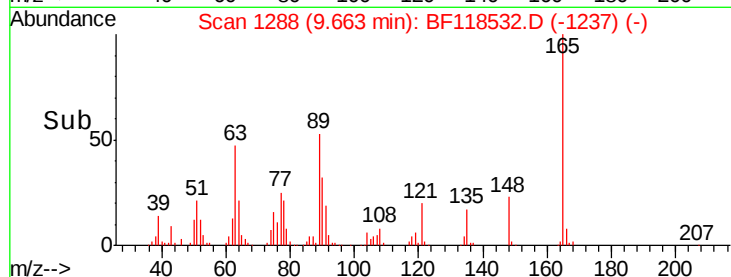
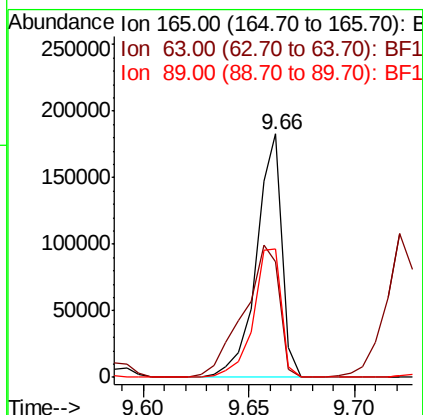
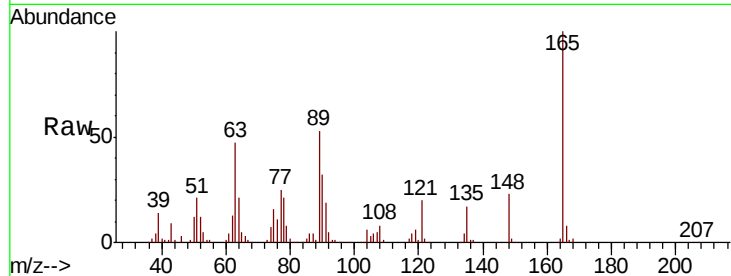
#51
2,6-Dinitrotoluene
Concen: 42.597 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	152909		
63	47.2		37.8	56.6
89	52.5		42.0	63.0

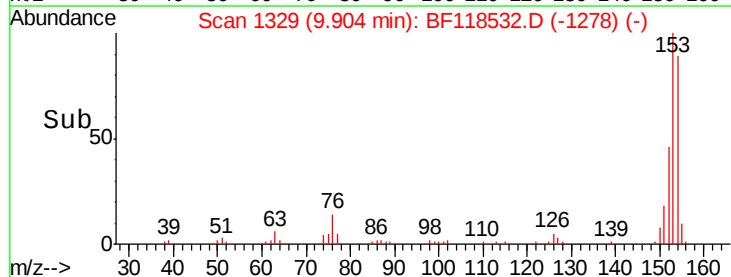
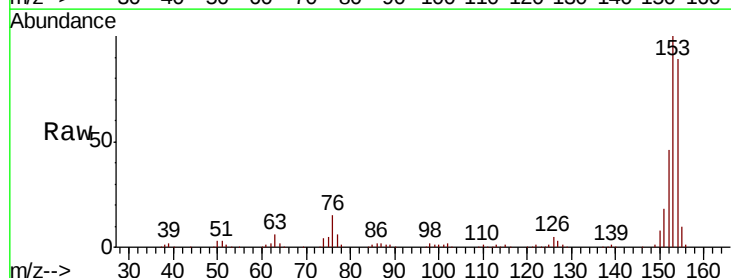
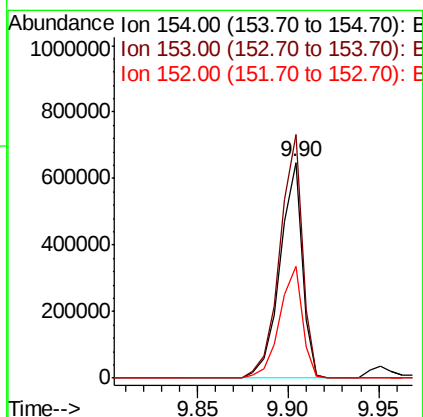
Manual Integrations
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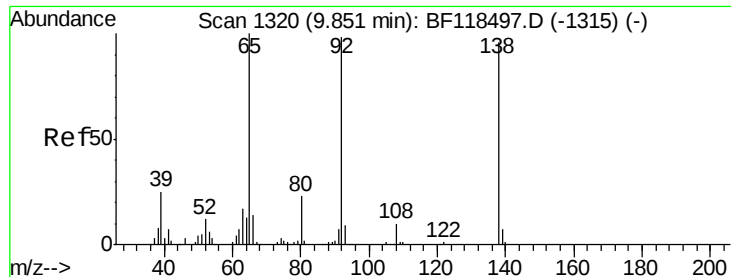
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#52
Acenaphthene
Concen: 43.539 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	555874		
153	112.8		90.2	135.4
152	52.0		41.6	62.4





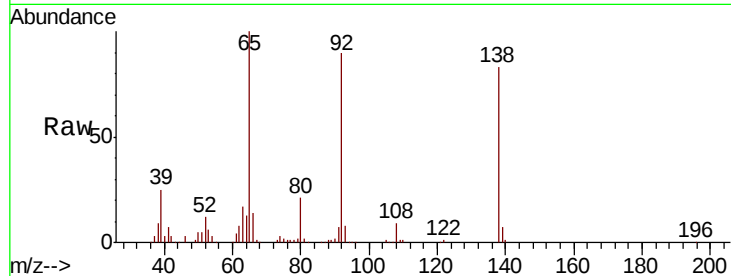
#53
3-Nitroaniline
Concen: 42.167 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.4	12.6
92	109.4	87.5	131.3

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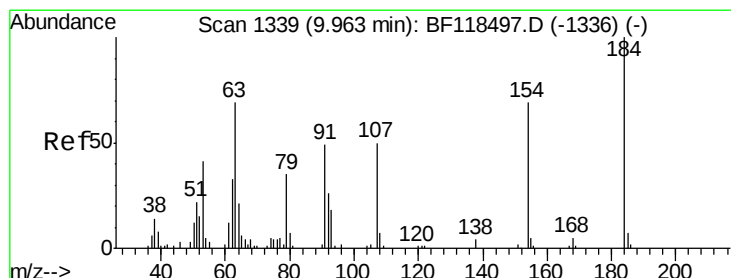
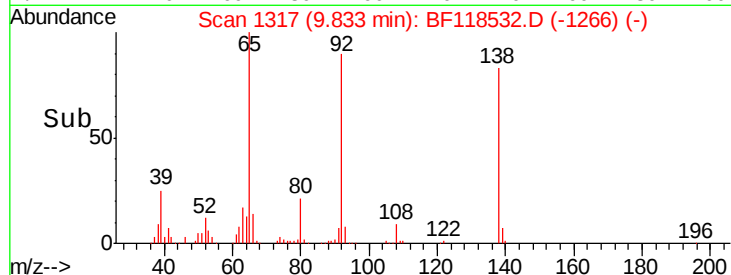
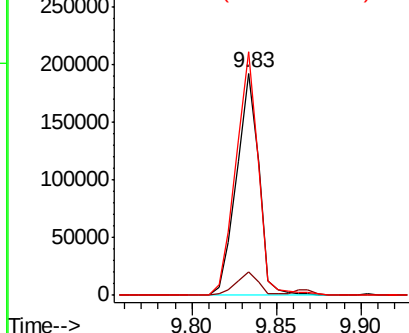


Abundance

Ion 138.00 (137.70 to 138.70): E

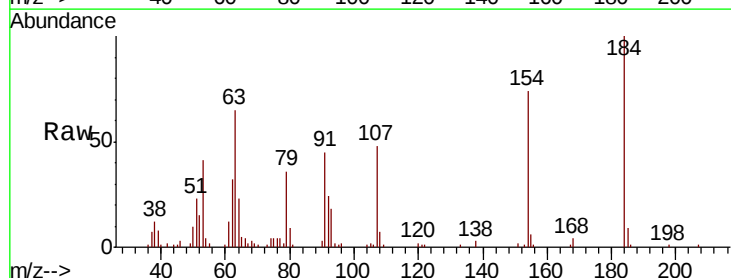
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 39.343 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	52.1	78.1
154	73.9	59.1	88.7

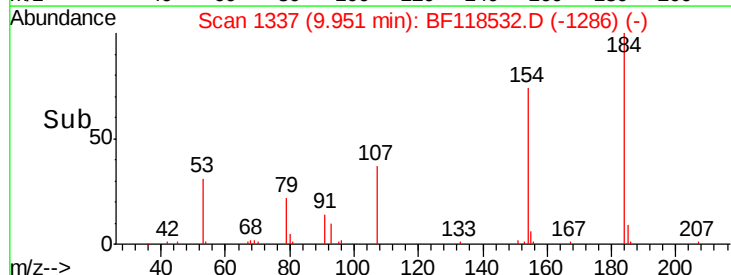
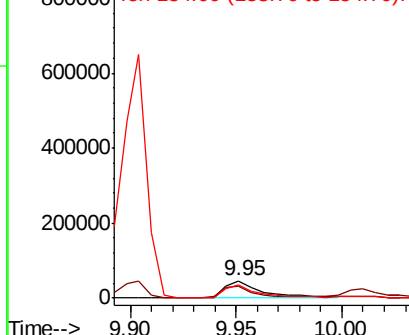


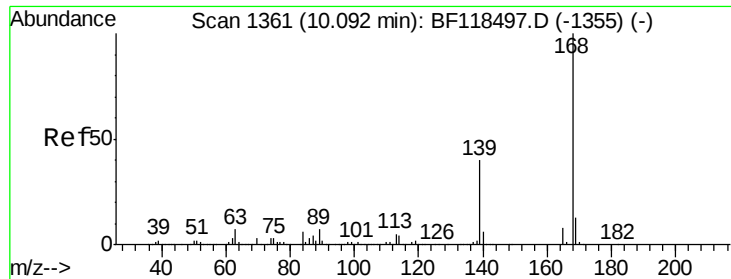
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





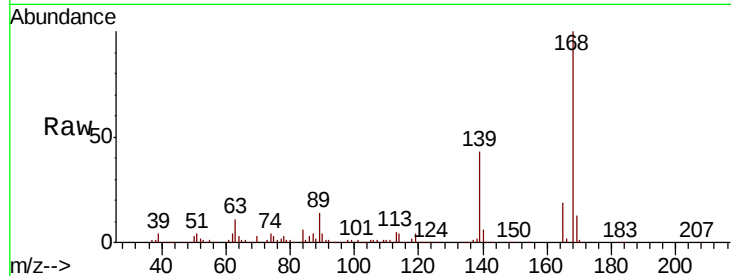
#55
Dibenzenofuran
Concen: 43.211 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	34.1	51.1
169	13.3	10.6	16.0

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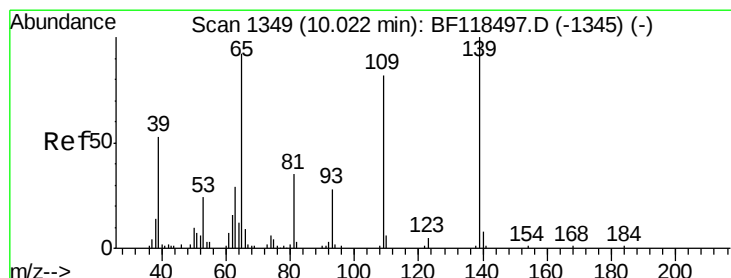
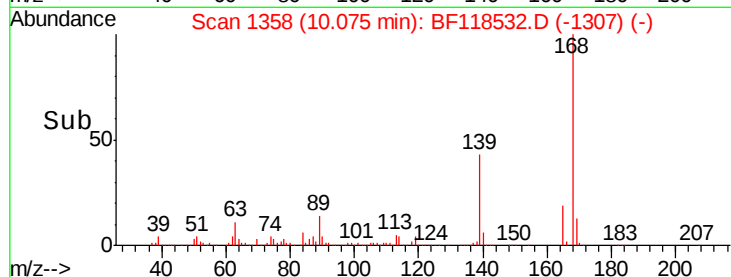
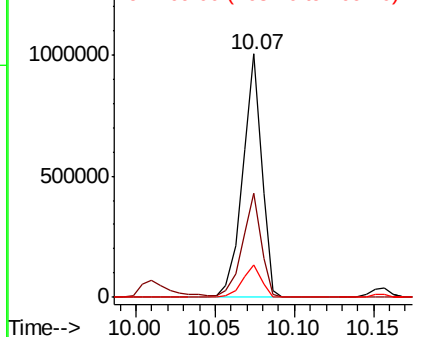


Abundance

Ion 168.00 (167.70 to 168.70): E

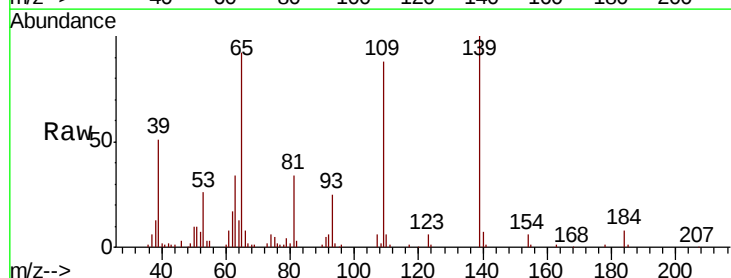
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 44.216 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.0	68.0	108.0
65	91.8	71.8	111.8

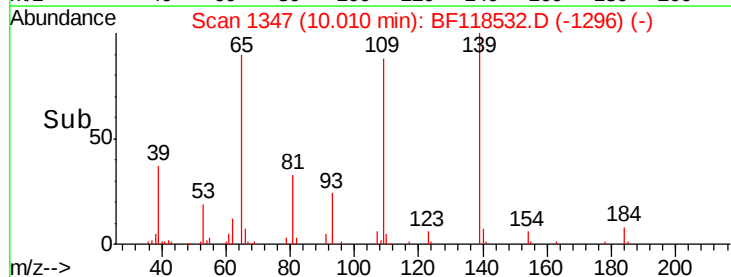
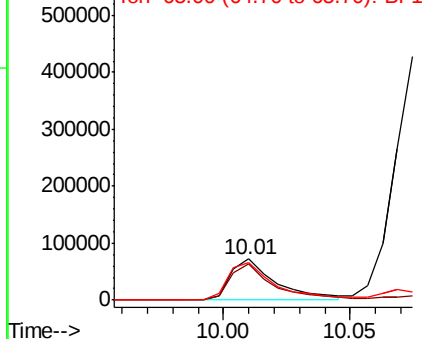


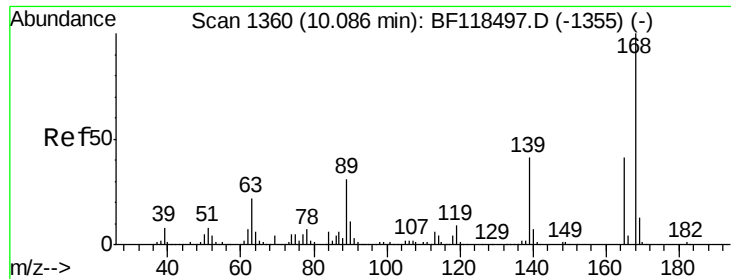
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





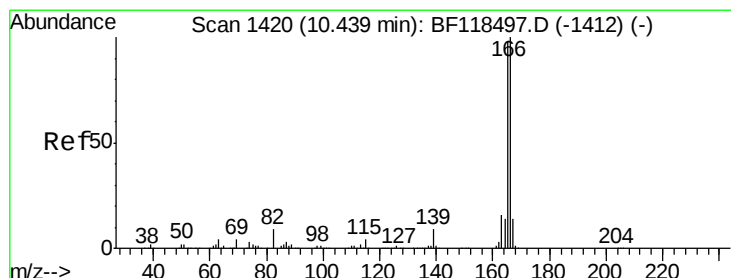
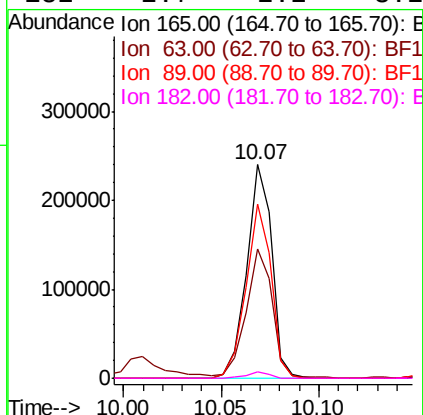
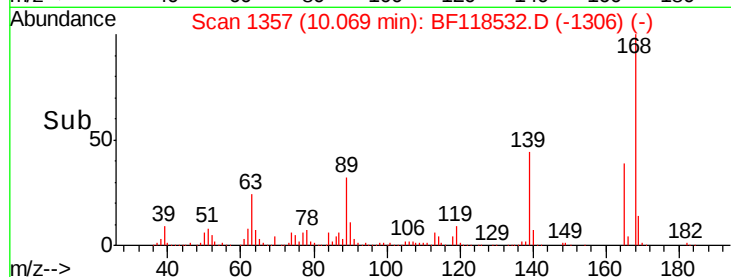
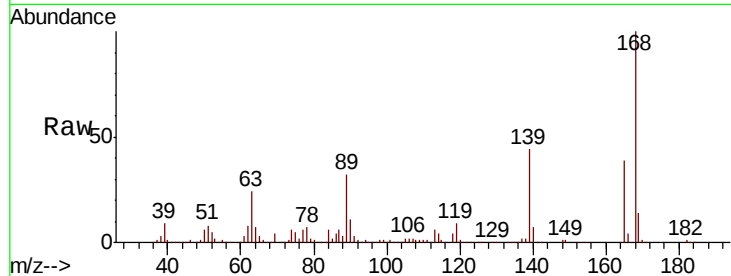
#57
2,4-Dinitrotoluene
Concen: 44.627 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	48.3	72.5
89	81.4	65.1	97.7
182	2.7	2.2	3.2

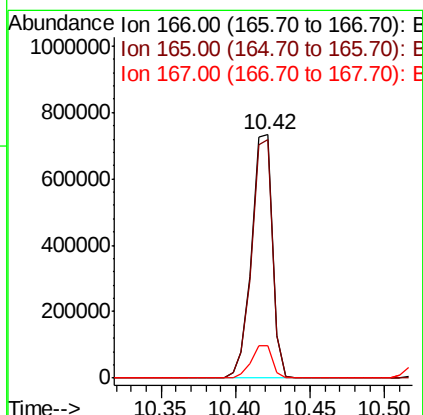
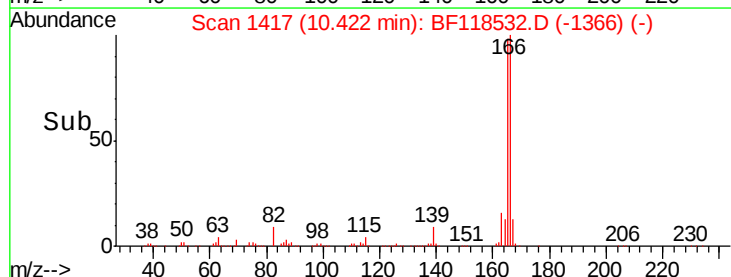
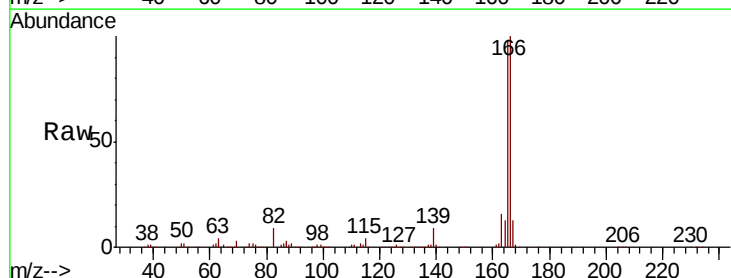
Manual Integrations
APPROVED

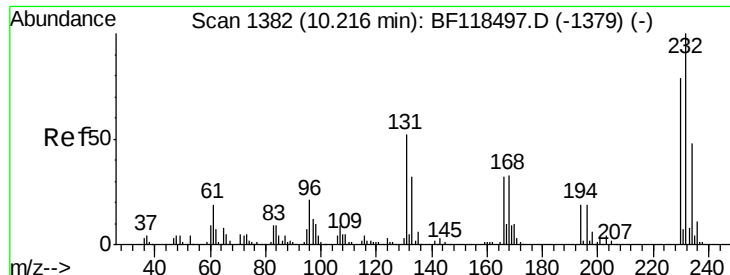
mohammad
1/14/2020 2:31:31 PM



#58
Fluorene
Concen: 45.944 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.3	10.6	16.0





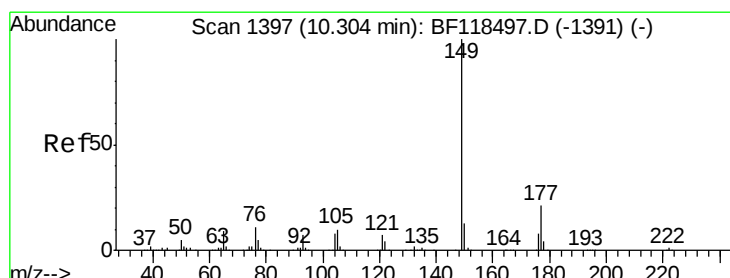
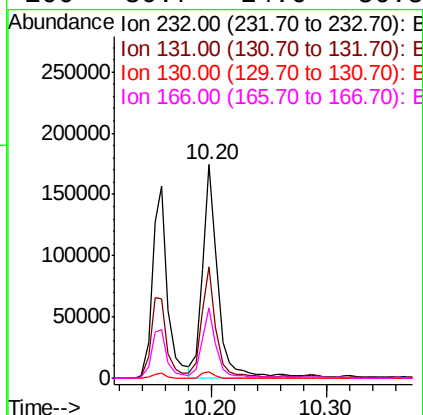
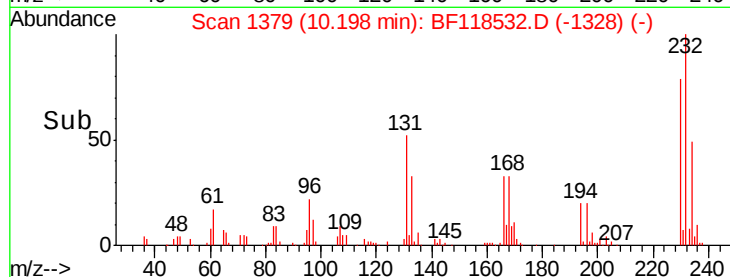
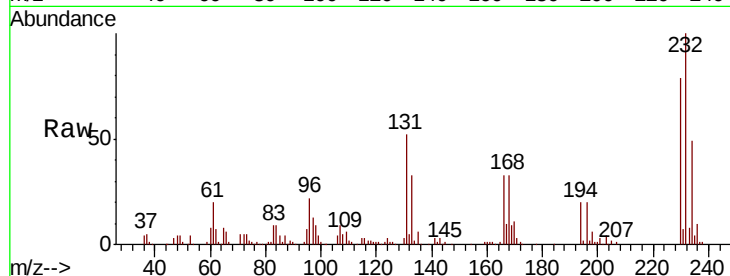
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.563 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.1	40.9	61.3
130	2.9	2.3	3.5
166	30.7	24.6	36.8

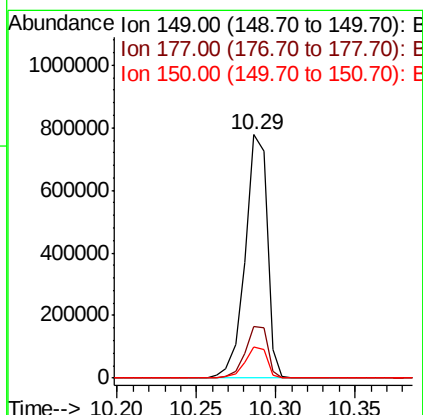
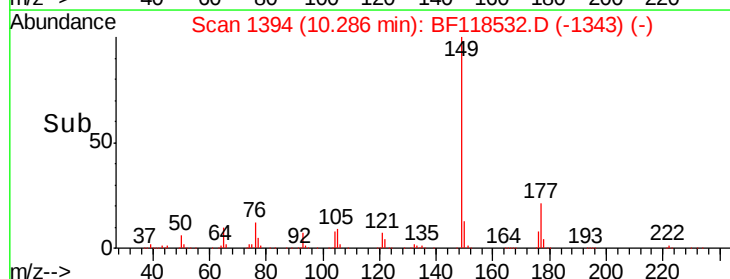
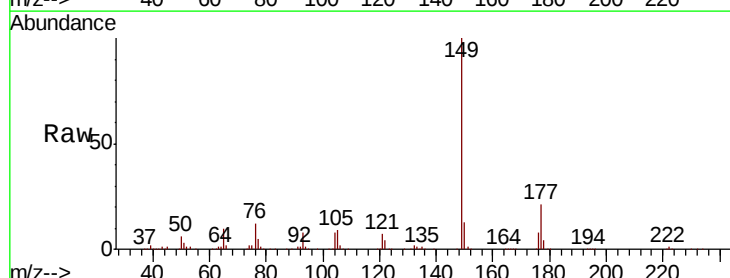
Manual Integrations
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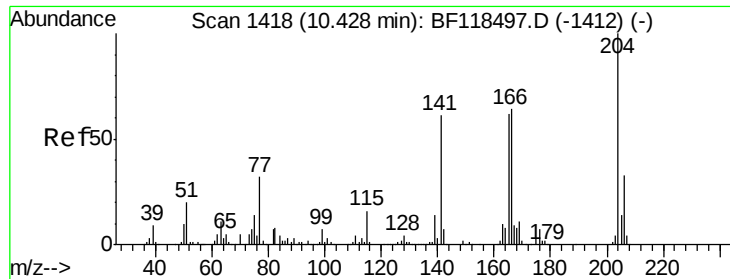
mohammad
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#60
Diethylphthalate
Concen: 44.047 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.8	10.2	15.4





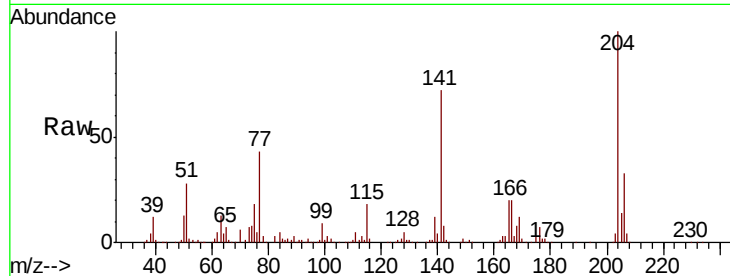
#61
4-Chlorophenyl-phenylether
Concen: 45.259 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	72.1	57.7	86.5

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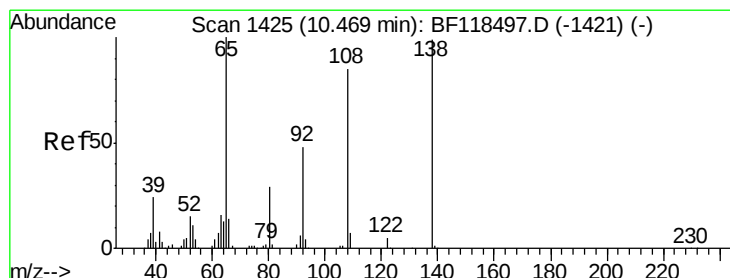
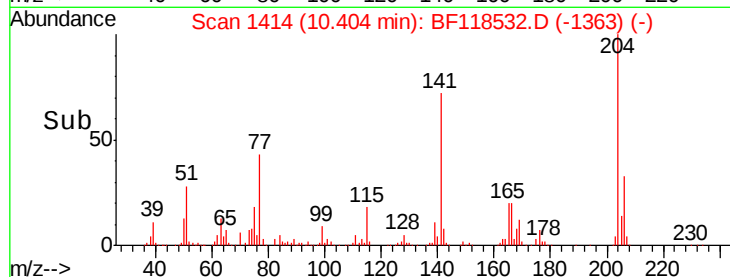
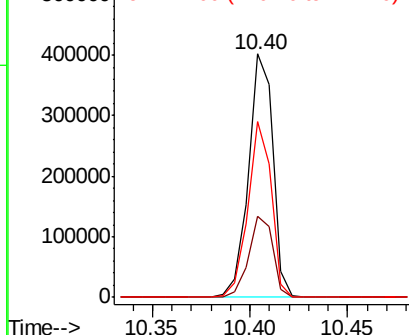


Abundance

Ion 204.00 (203.70 to 204.70): E

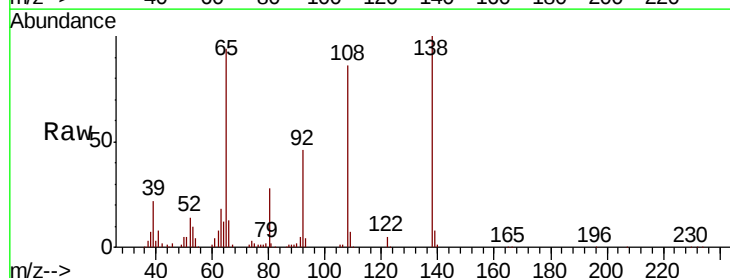
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.418 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	26.4	66.4
108	85.6	65.6	105.6

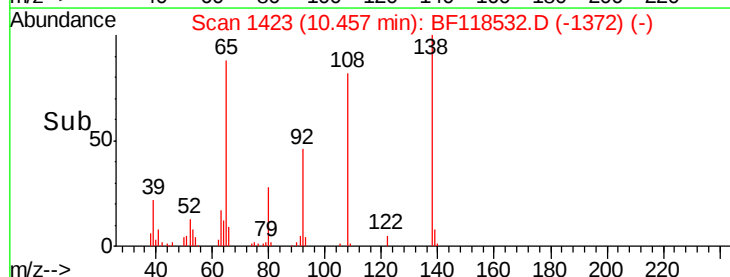
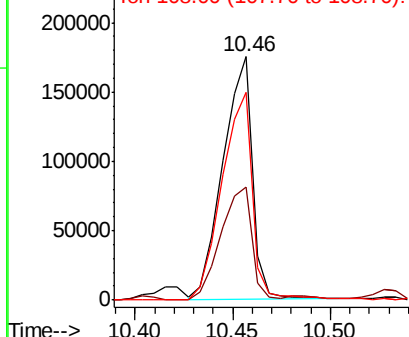


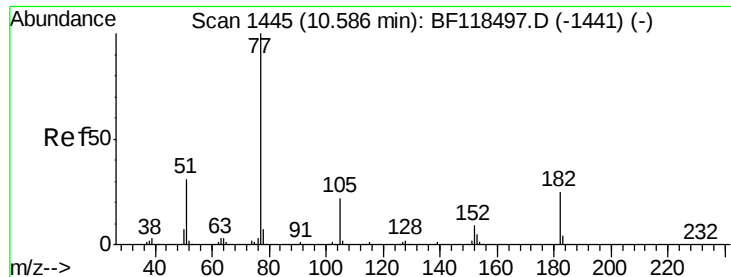
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





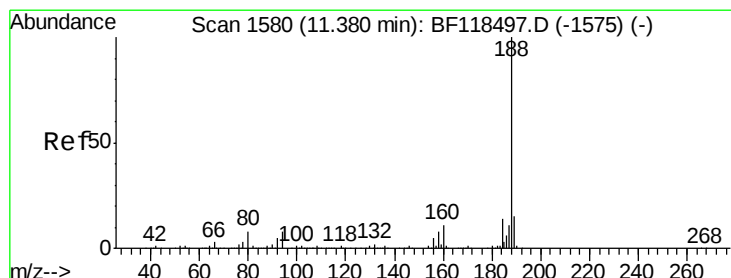
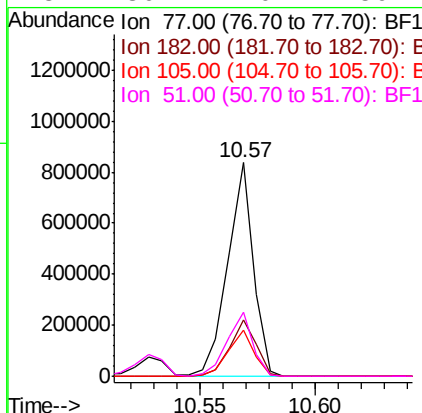
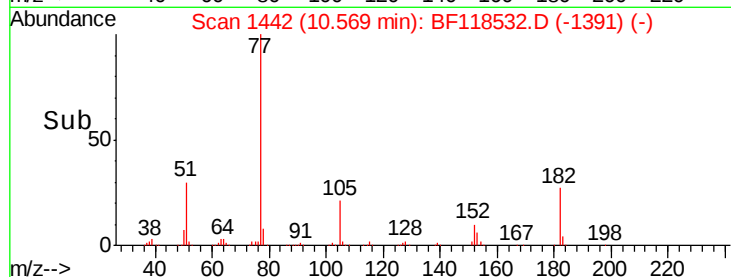
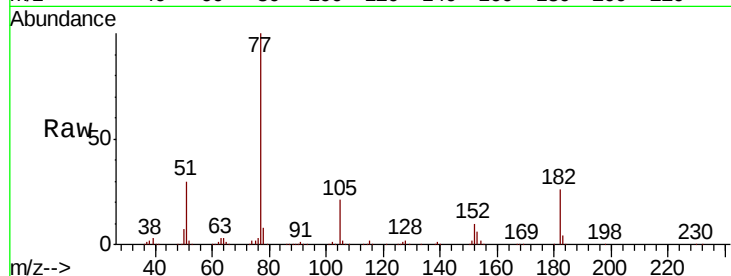
#63
Azobenzene
Concen: 45.032 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.5	46.5
105	21.4	1.4	41.4
51	30.1	10.1	50.1

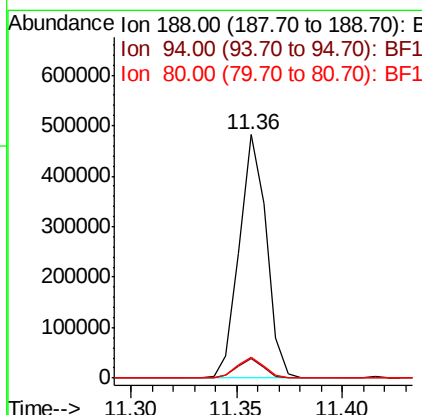
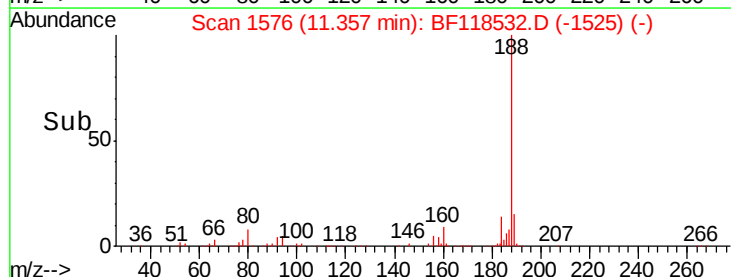
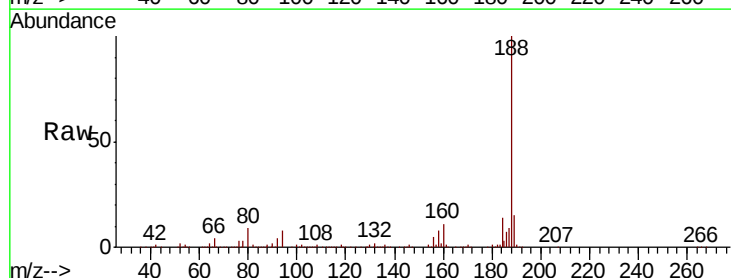
Manual Integrations
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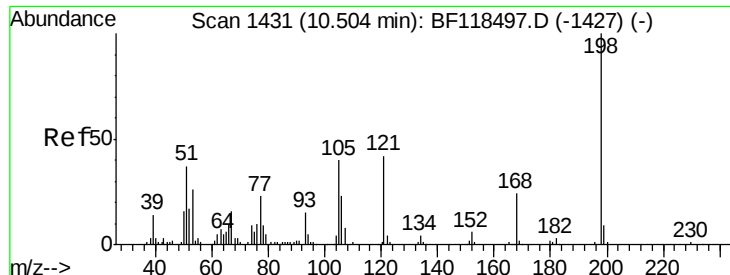
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.5	6.8	10.2





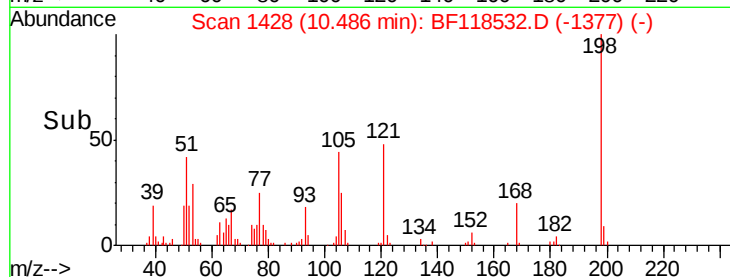
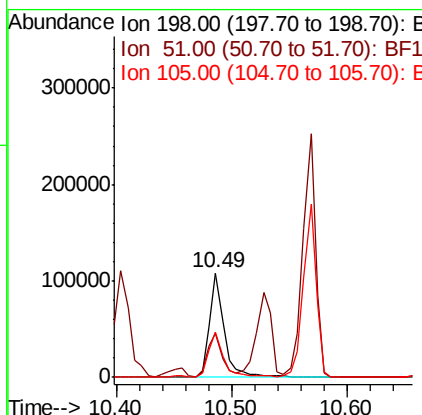
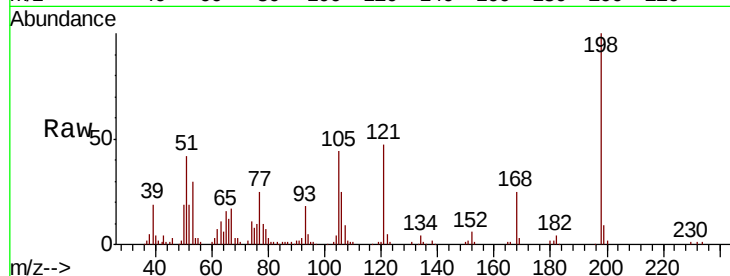
#65
4,6-Dinitro-2-methylphenol
Concen: 42.535 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	21.9	61.9
105	43.9	23.9	63.9

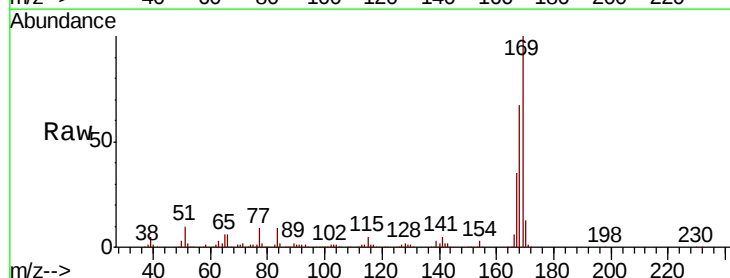
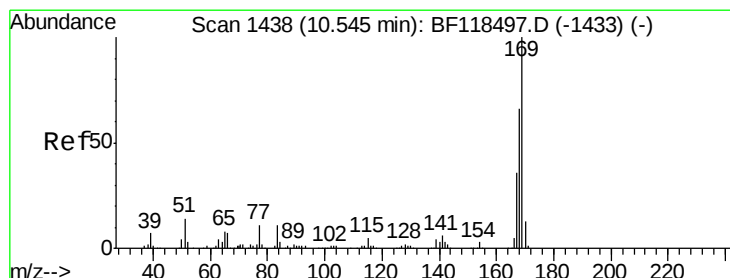
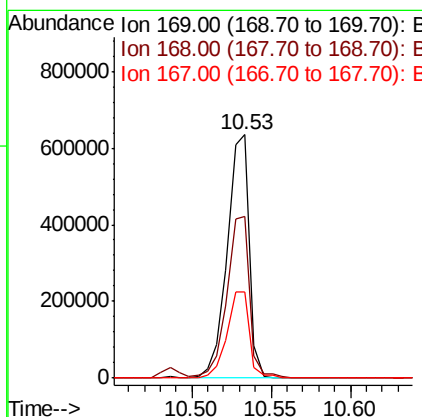
Manual Integrations
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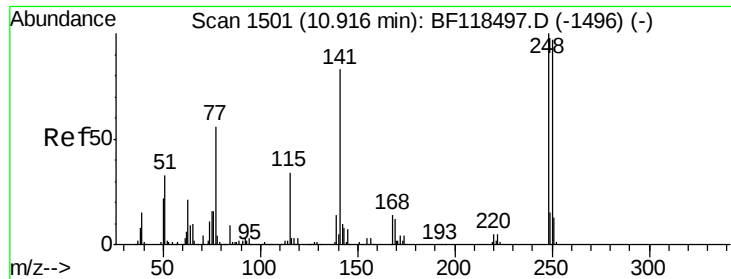
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.950 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.4	28.3	42.5





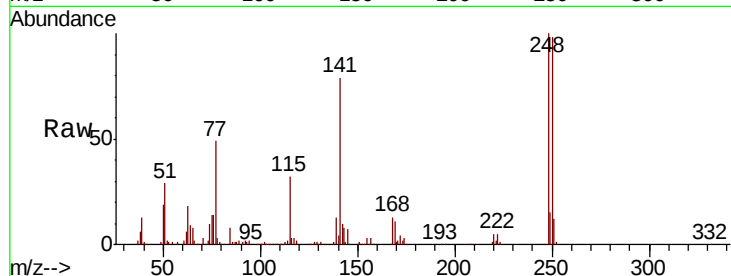
#67
4-Bromophenyl-phenylether
Concen: 40.129 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	78.9	63.1	94.7

Manual Integrations
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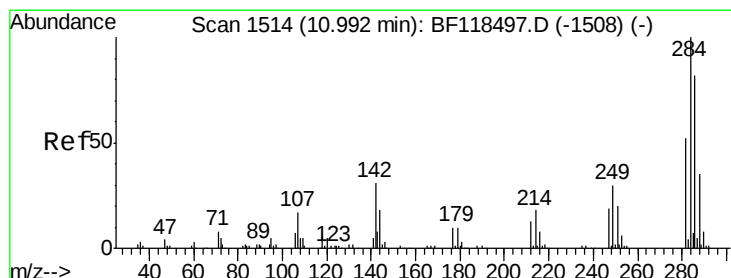
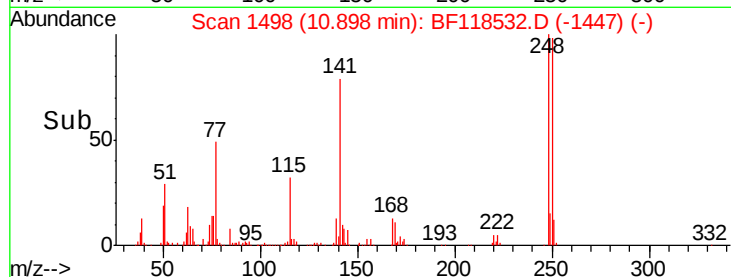
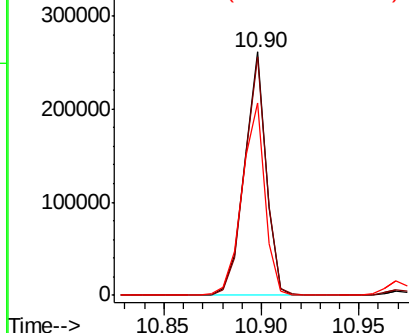


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.672 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

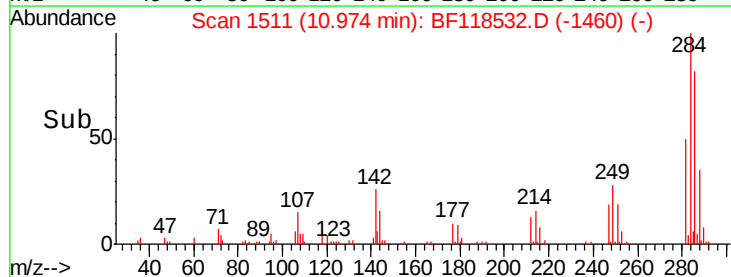
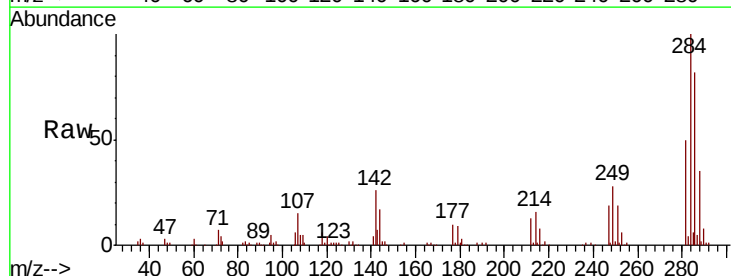
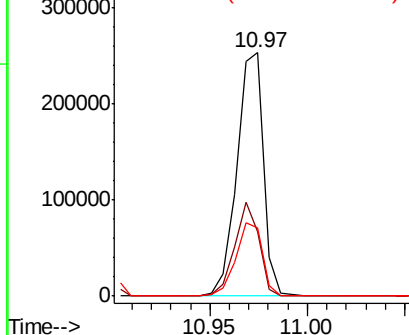
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	21.0	31.6
249	27.8	22.2	33.4

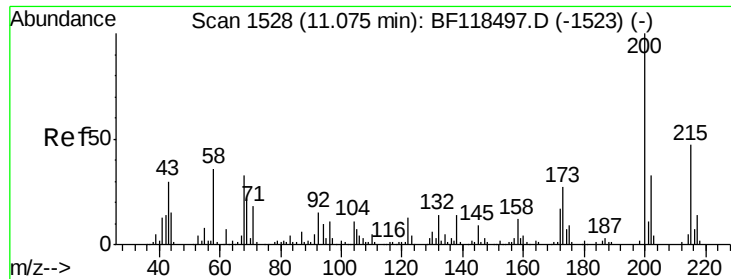
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





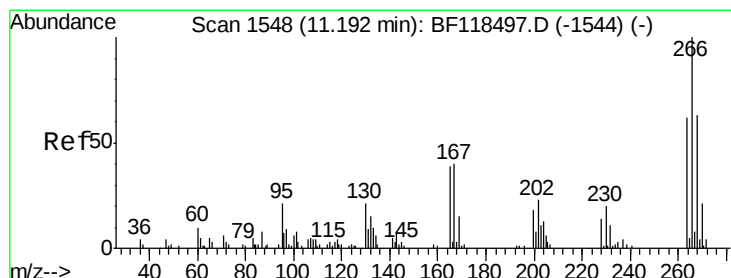
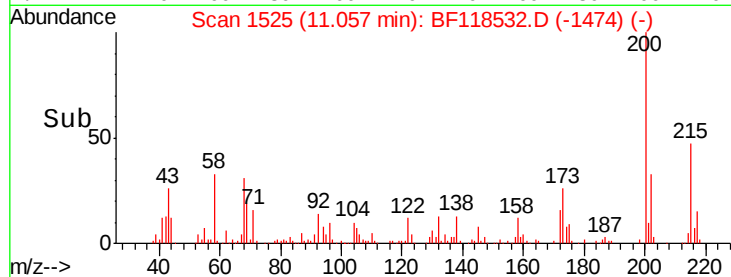
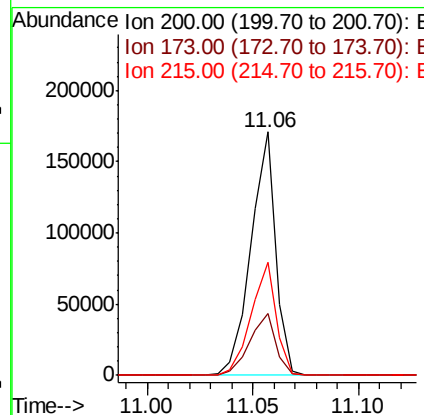
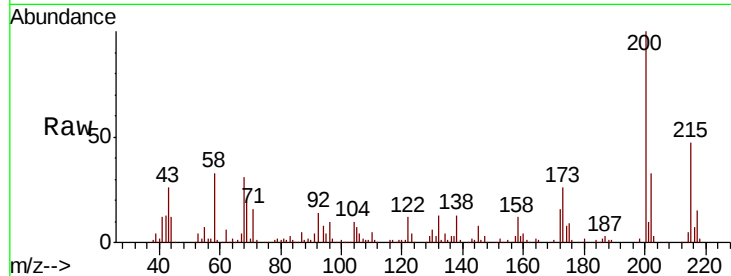
#69
 Atrazine
 Concen: 33.539 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.5	45.5
215	46.5	26.5	66.5

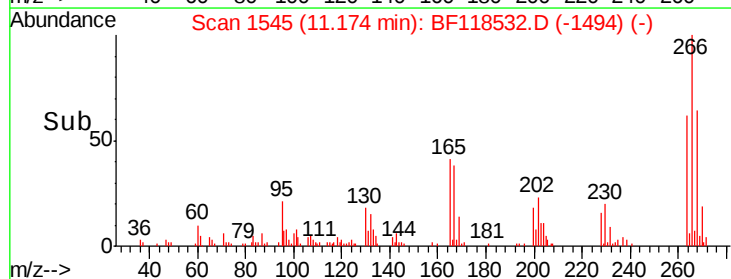
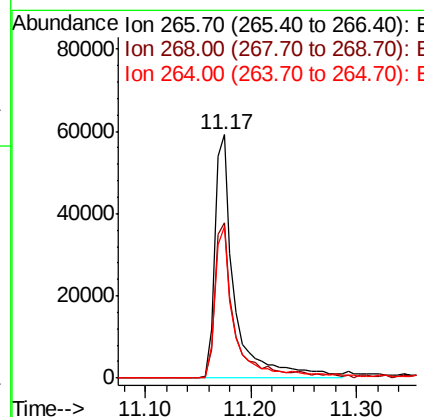
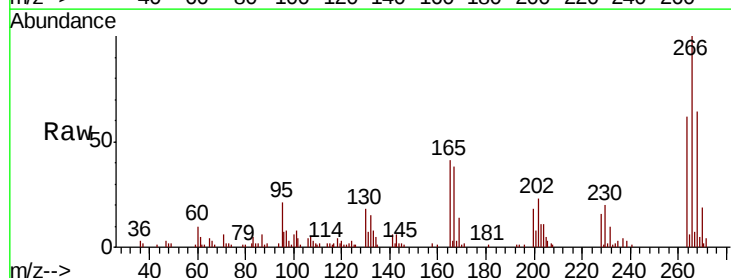
Manual Integrations
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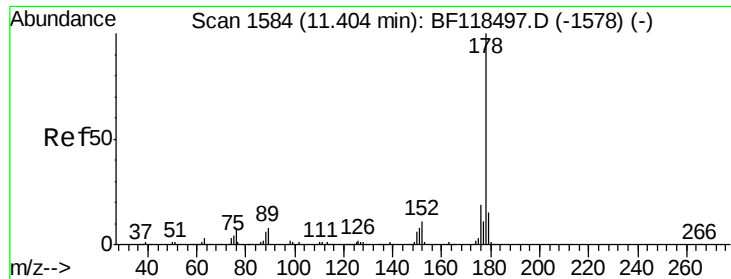
mohammad
 1/14/2020 2:31:31 PM



#70
 Pentachlorophenol
 Concen: 41.766 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	62.0	49.6	74.4





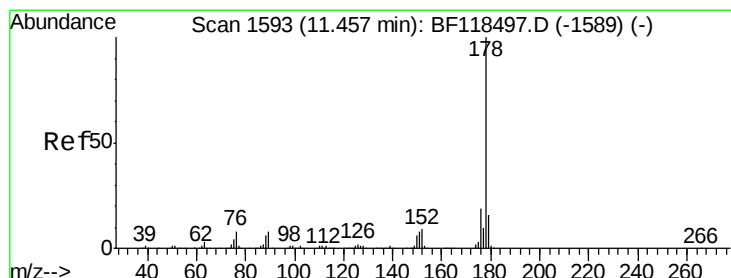
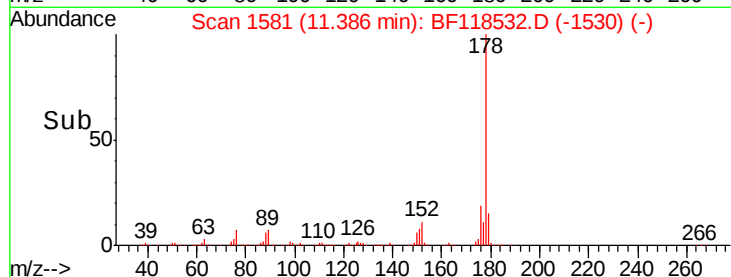
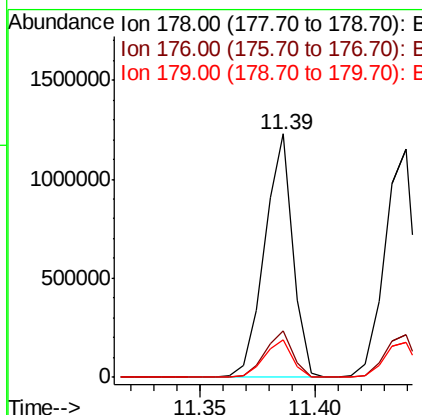
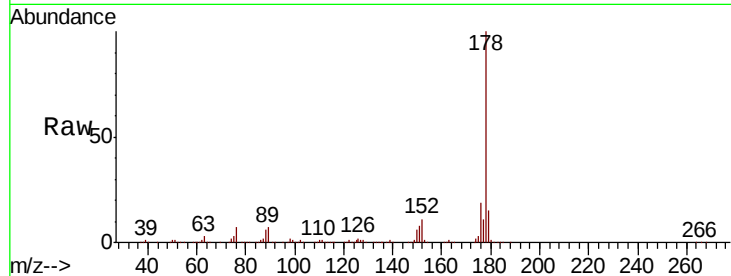
#71
Phenanthrene
Concen: 43.374 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.2

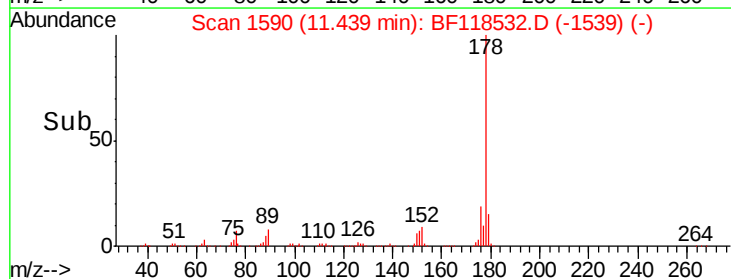
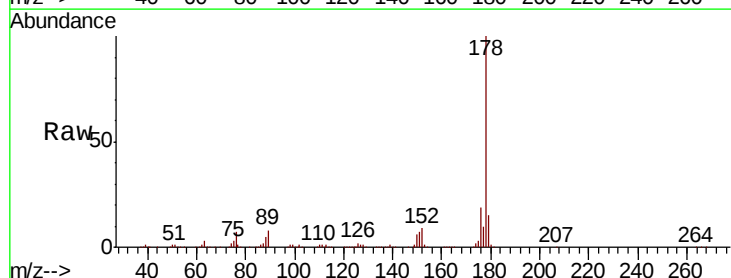
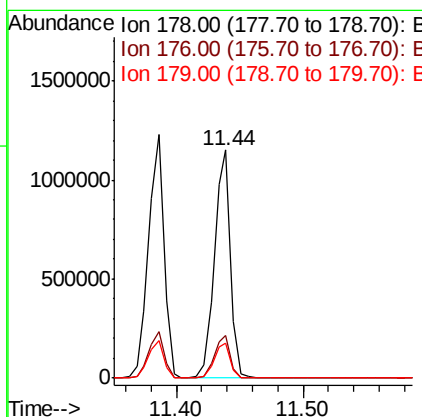
Manual Integrations
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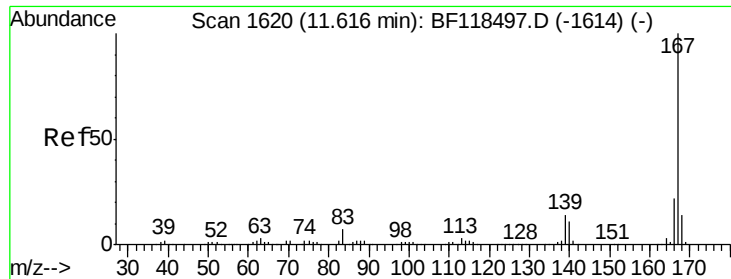
mohammad
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#72
Anthracene
Concen: 42.923 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6





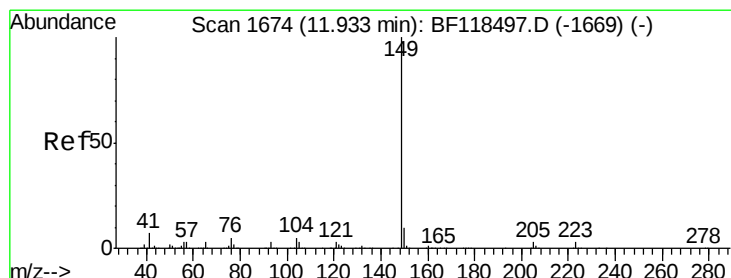
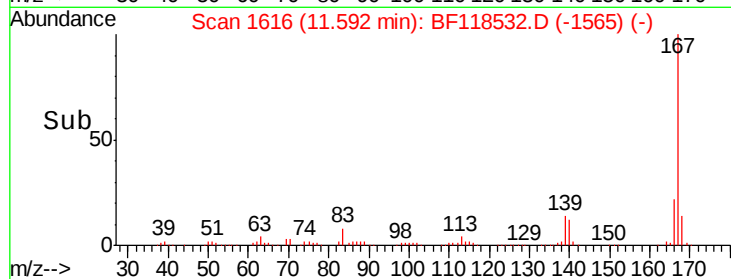
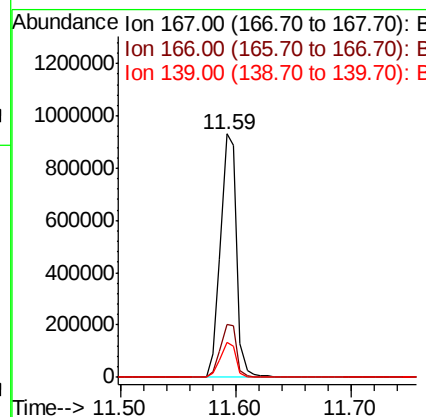
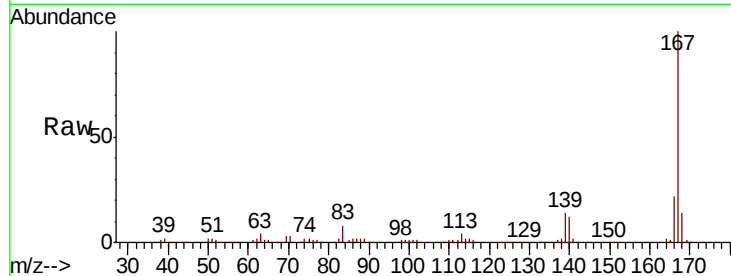
#73
 Carbazole
 Concen: 43.595 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	14.4	11.5	17.3

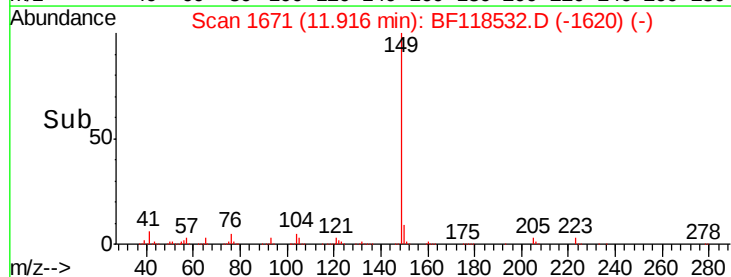
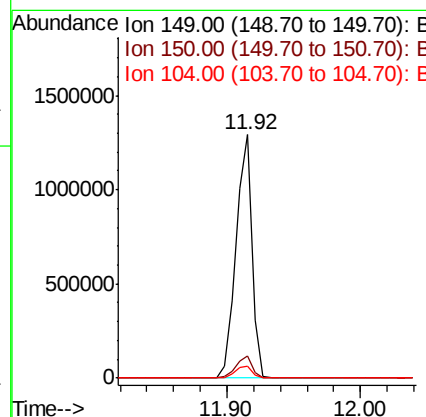
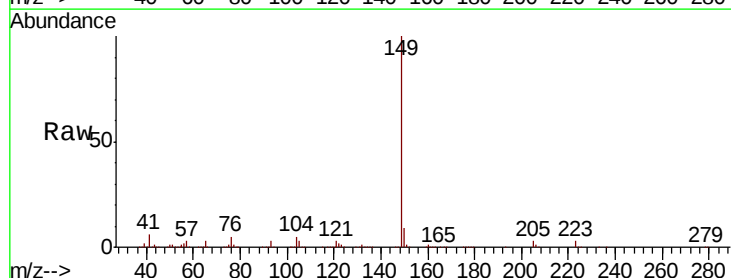
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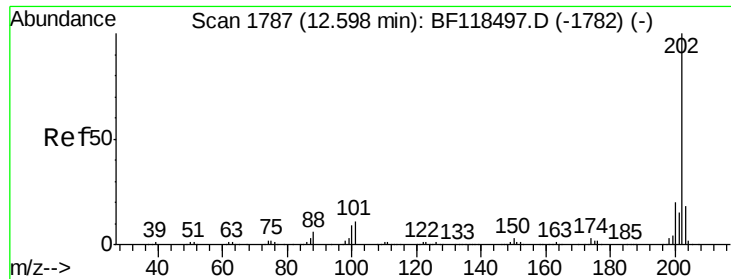
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.646 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.1	4.1	6.1





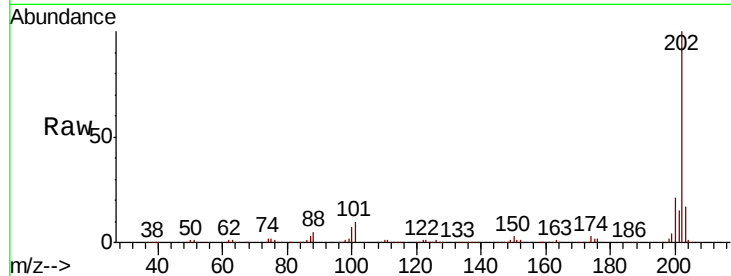
#75
 Fluoranthene
 Concen: 40.013 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	29.7
203	17.2	0.0	37.2

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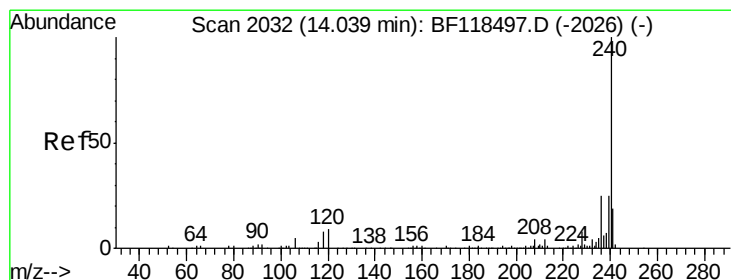
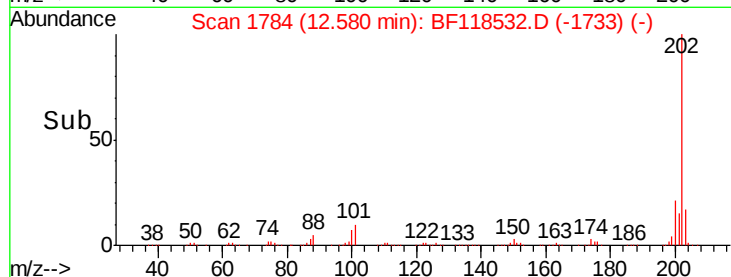
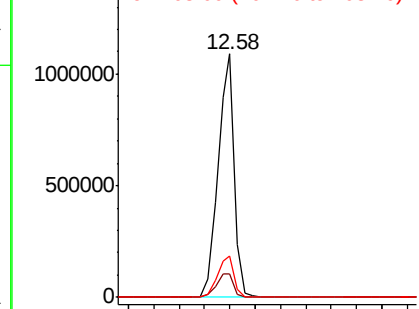


Abundance

Ion 202.00 (201.70 to 202.70): E

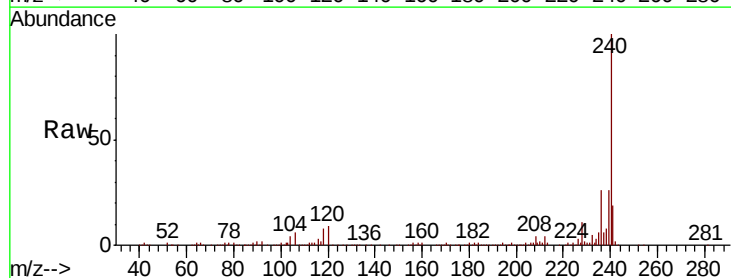
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118532.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.7	20.6	30.8

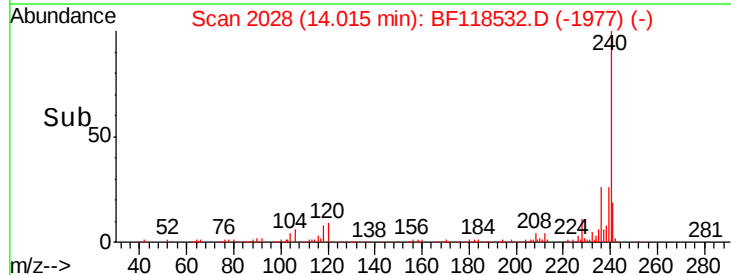
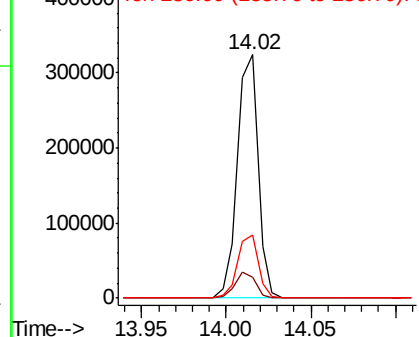


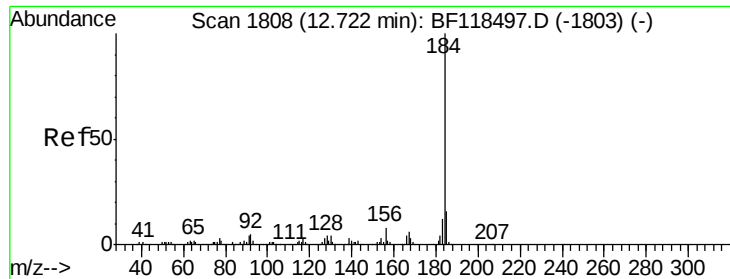
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.640 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 308759

Ion Ratio Lower Upper

184 100

185 15.9 12.7 19.1

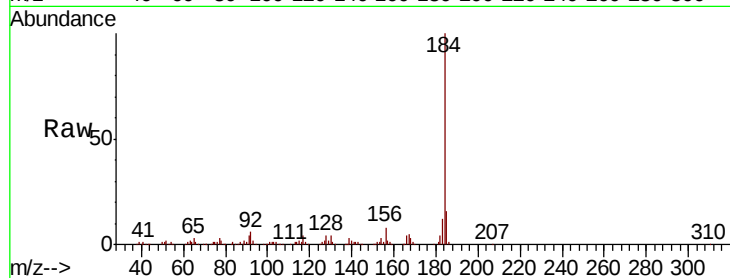
183 11.7 9.4 14.0

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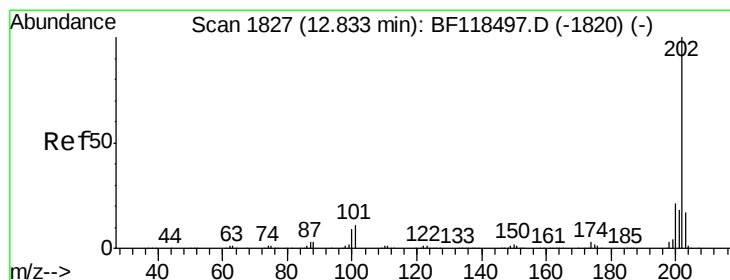
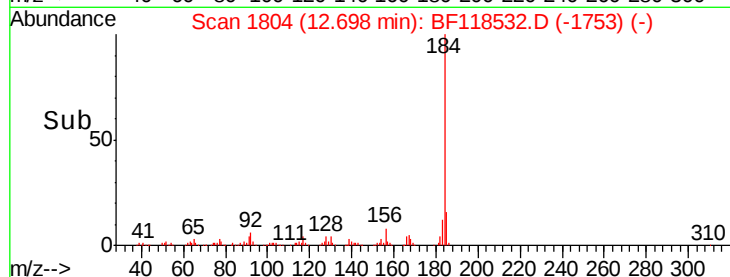
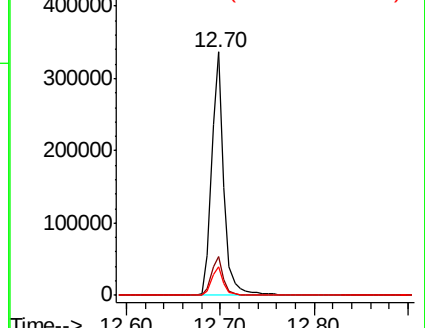
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.706 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

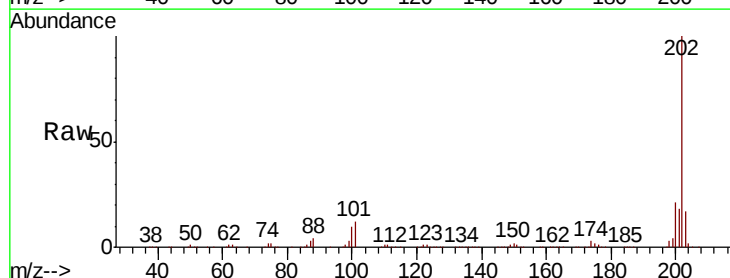
Tgt Ion:202 Resp: 1040590

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

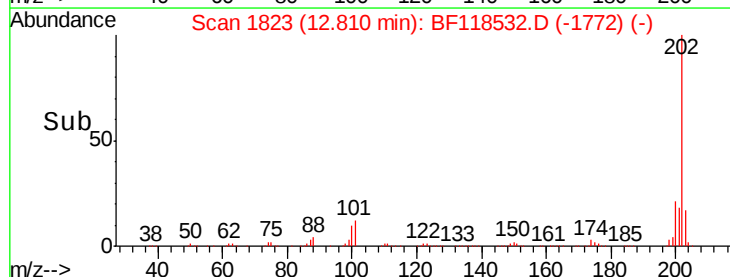
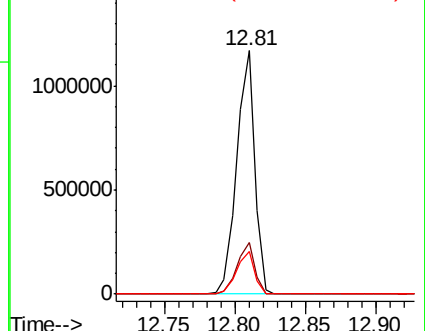
203 17.3 13.8 20.8

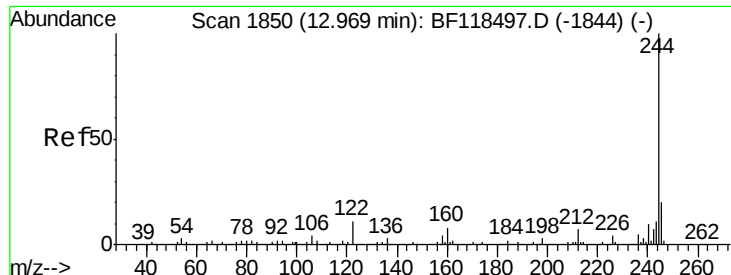


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.588 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1599294

Ion Ratio Lower Upper

244 100

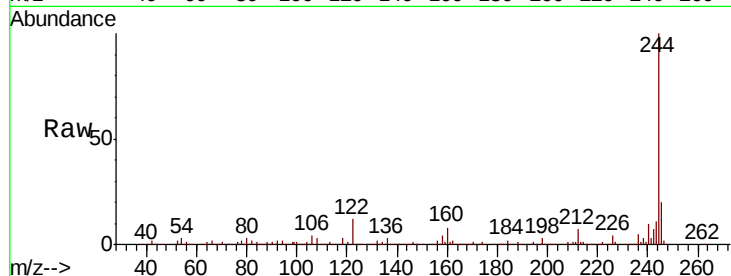
212 7.4 5.9 8.9

122 11.9 9.5 14.3

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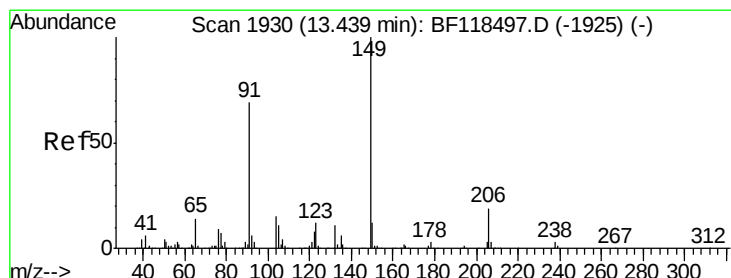
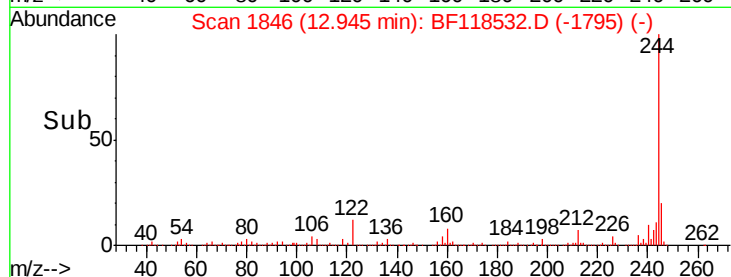
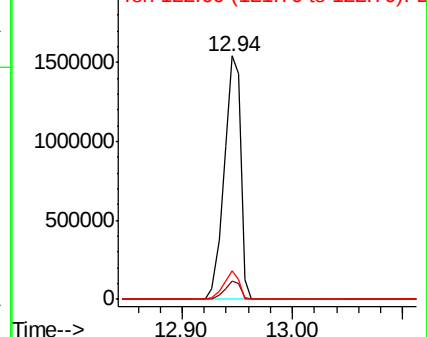


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.840 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

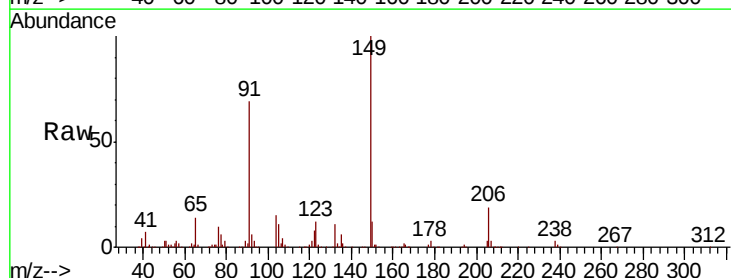
Tgt Ion:149 Resp: 488376

Ion Ratio Lower Upper

149 100

91 69.4 55.5 83.3

206 18.9 15.1 22.7

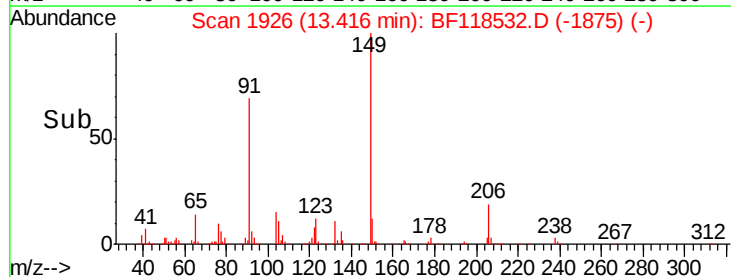
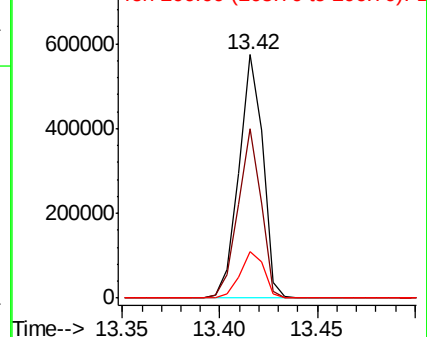


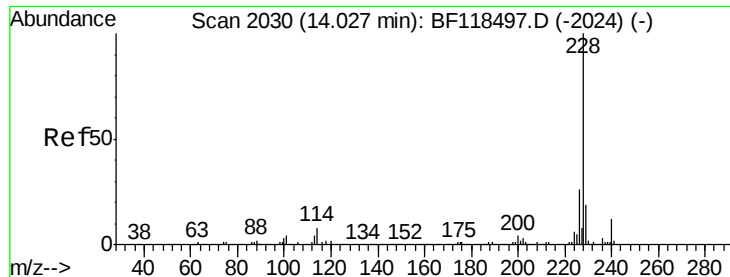
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.486 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

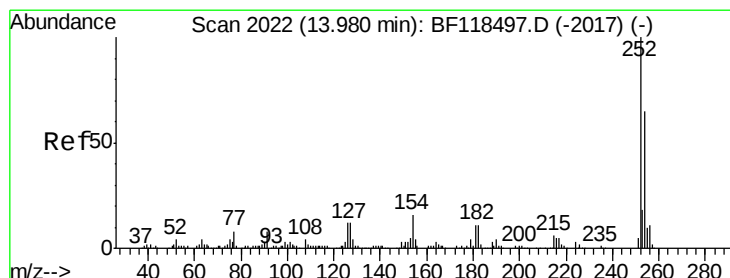
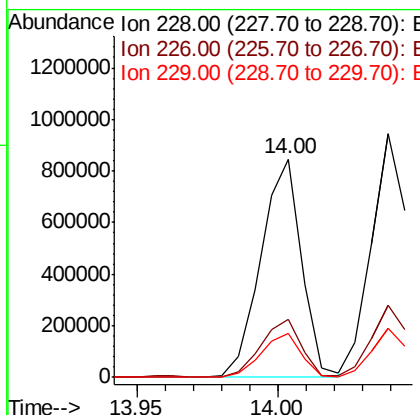
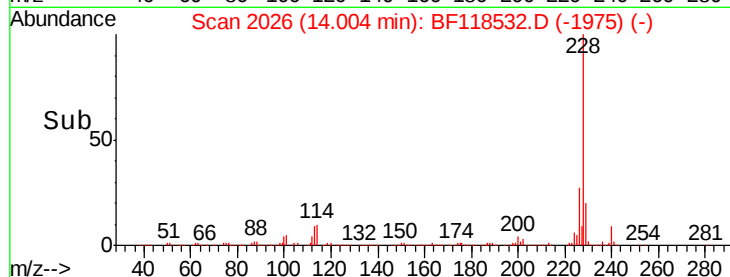
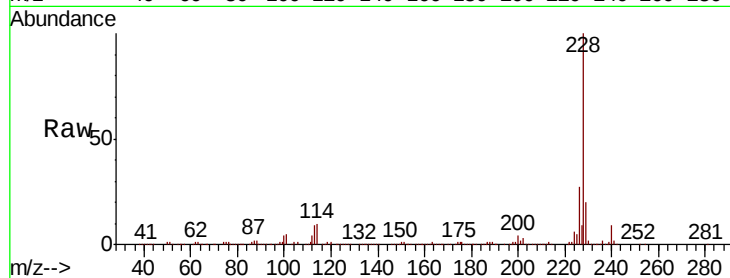
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	842265
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.4	32.0
229	20.1	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 44.385 ng

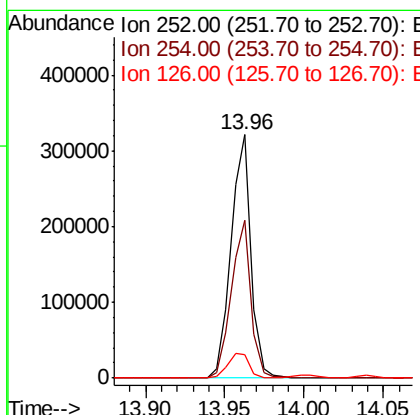
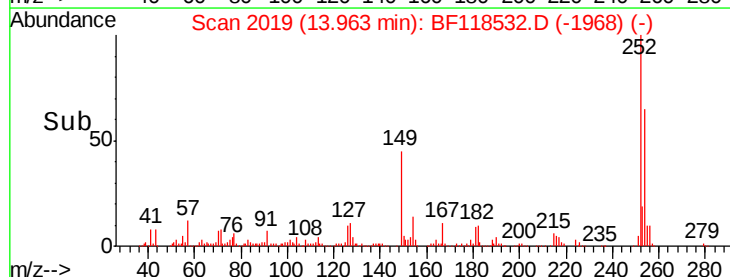
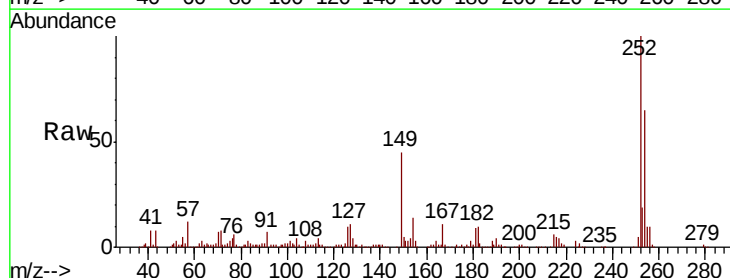
RT: 13.96 min Scan# 2019

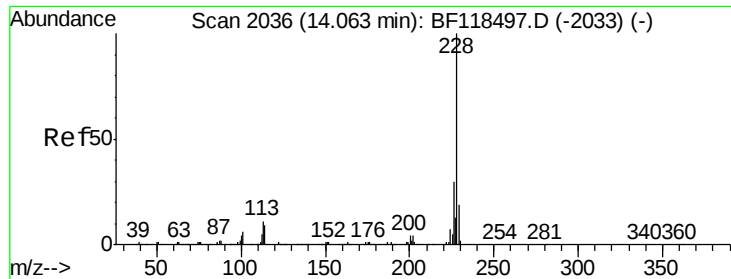
Delta R.T. 0.00 min

Lab File: BF118532.D

Acq: 13 Jan 2020 14:42

Tgt Ion:	252	Resp:	279554
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.7	77.5
126	9.6	7.7	11.5





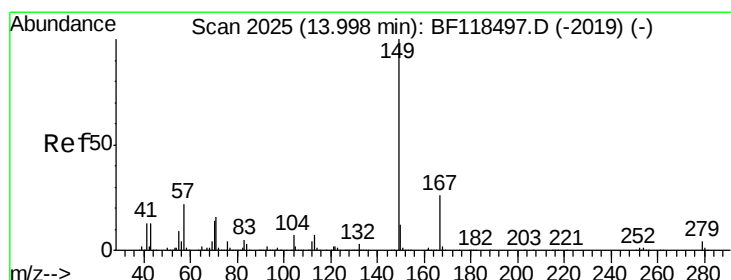
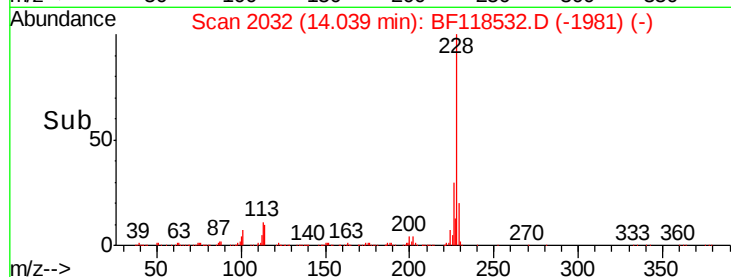
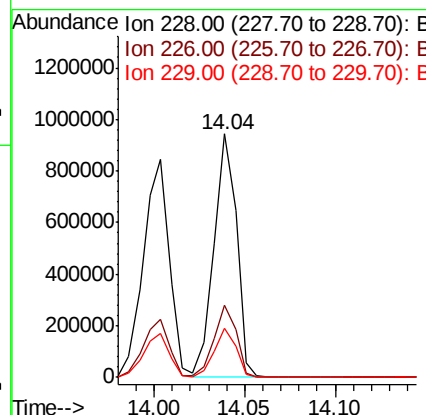
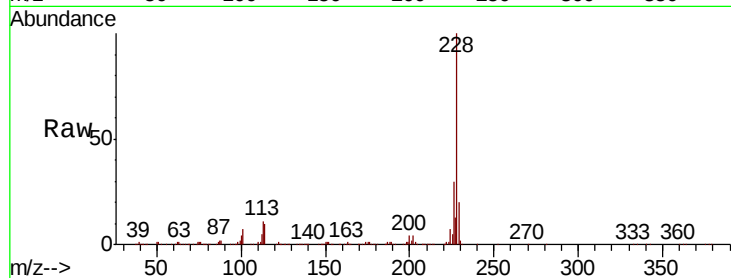
#83
Chrysene
Concen: 43.300 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.2	16.2	24.2

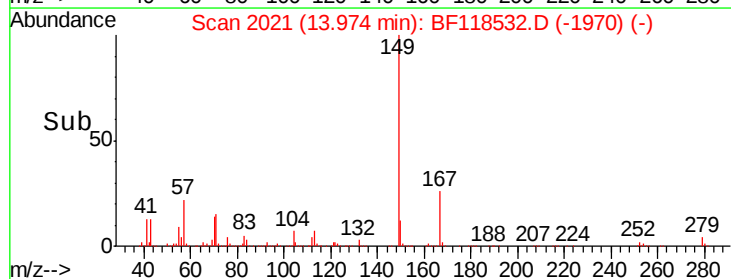
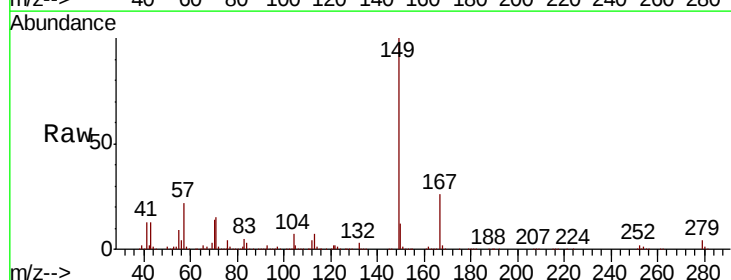
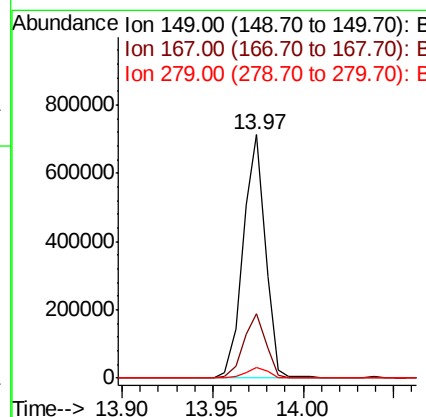
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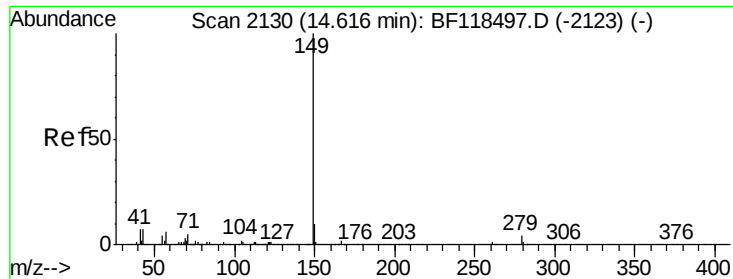
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.863 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.1	31.7
279	4.2	3.4	5.0





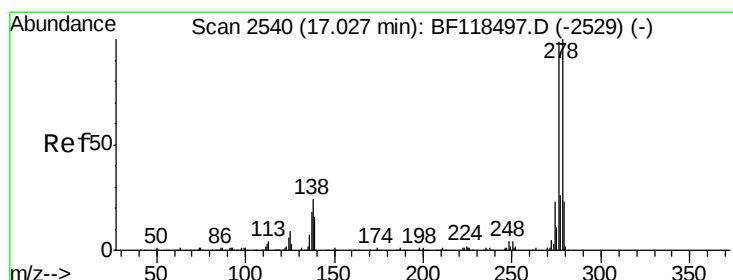
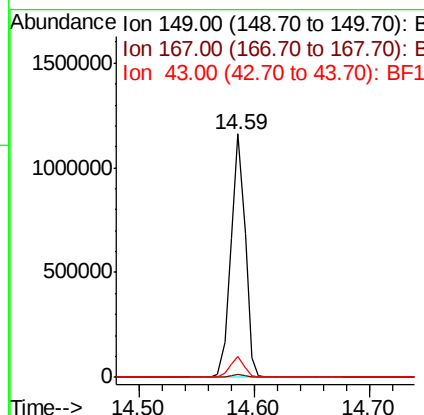
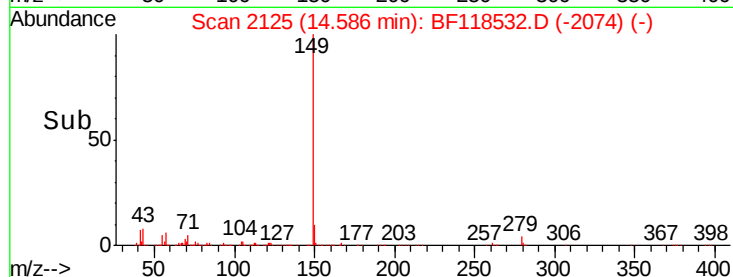
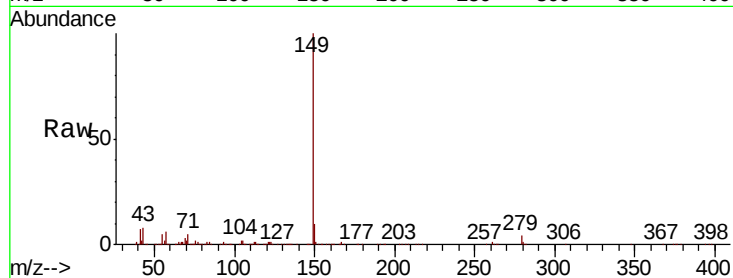
#85
Di-n-octyl phthalate
Concen: 48.858 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.1	1.7	
43	8.4	6.7	10.1	

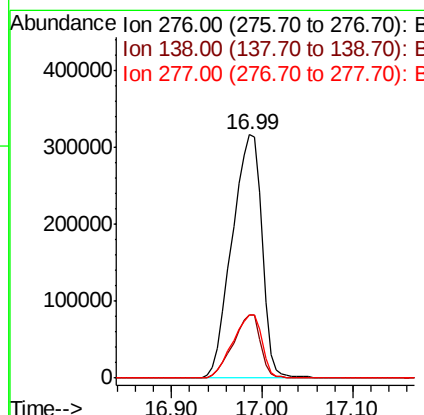
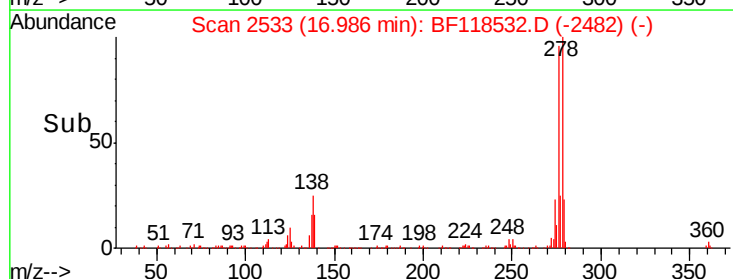
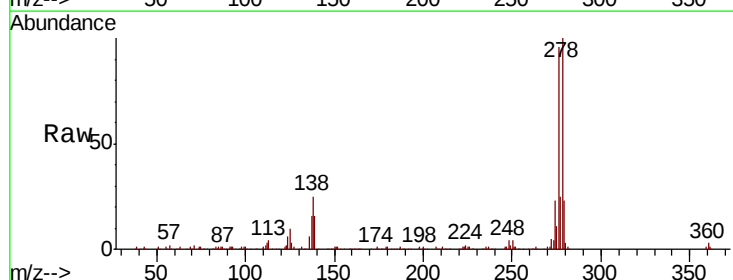
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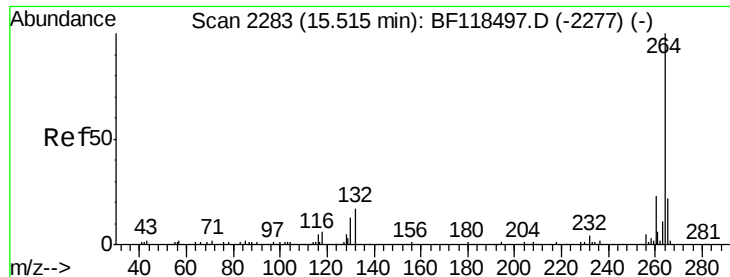
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.838 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.0	19.2	28.8	
277	25.5	20.4	30.6	





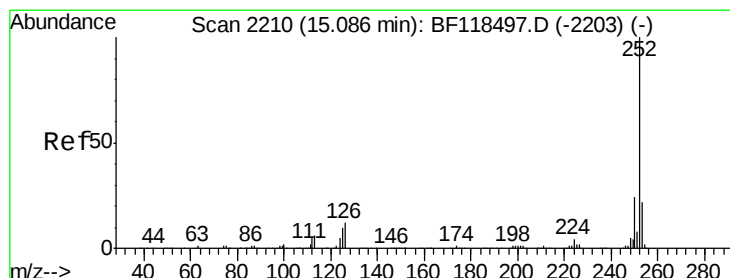
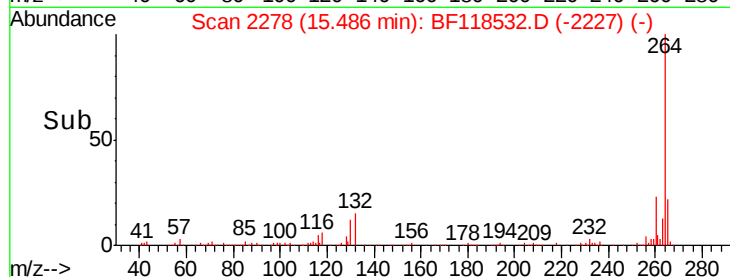
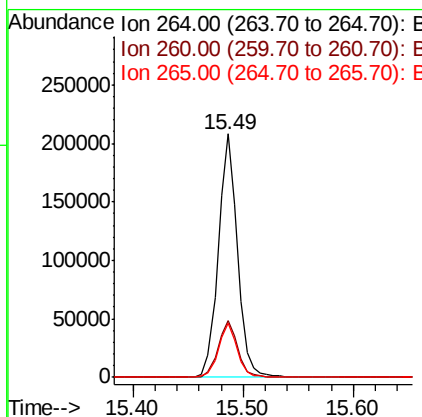
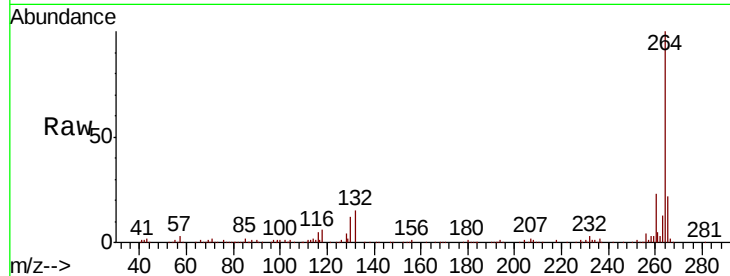
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	17.6	26.4

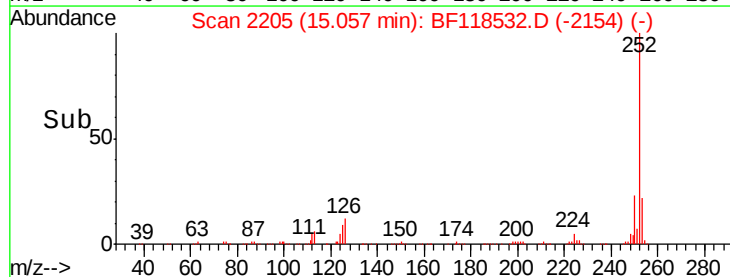
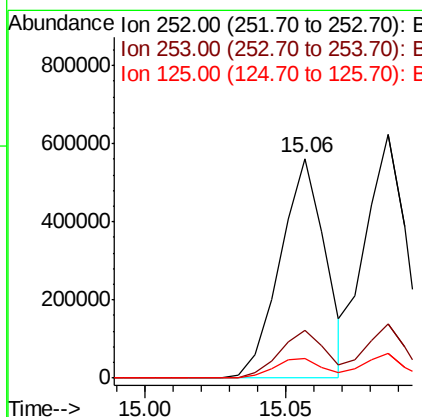
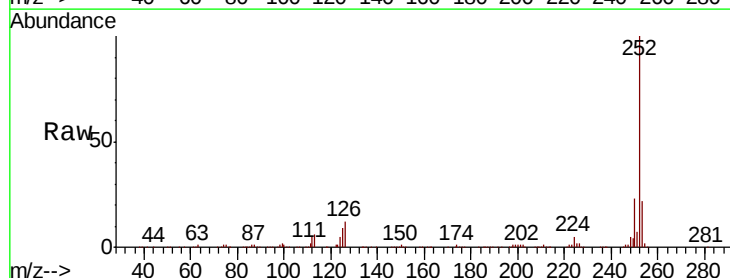
Manual Integrations
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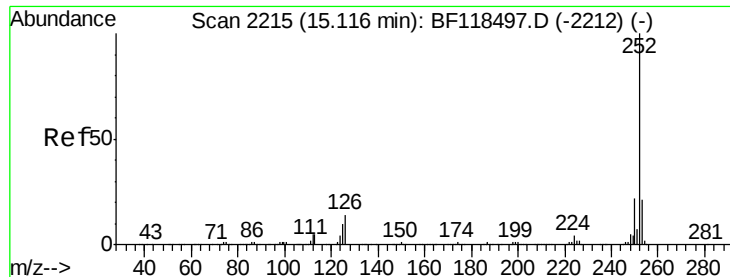
mohammad
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#88
Benzo(b)fluoranthene
Concen: 34.417 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.2	7.4	11.0





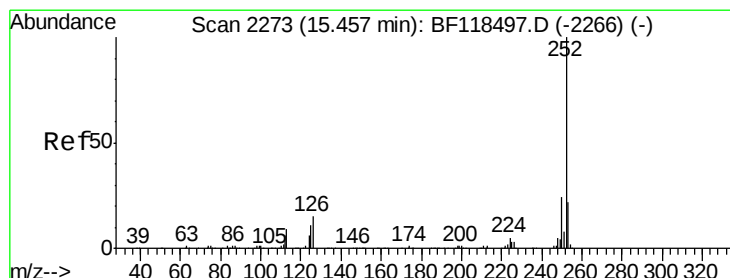
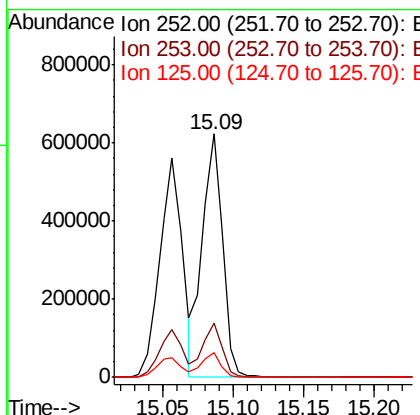
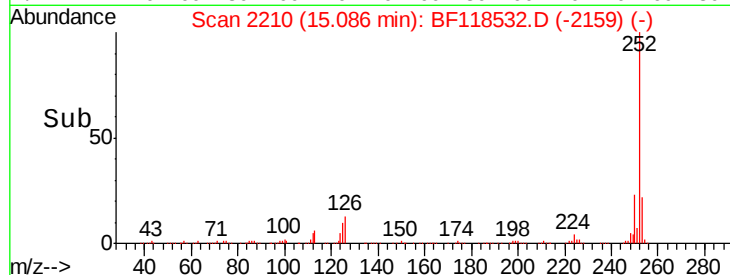
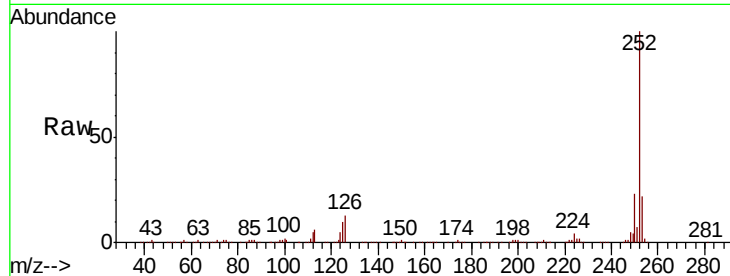
#89
Benzo(k)fluoranthene
Concen: 36.075 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.1	8.1	12.1

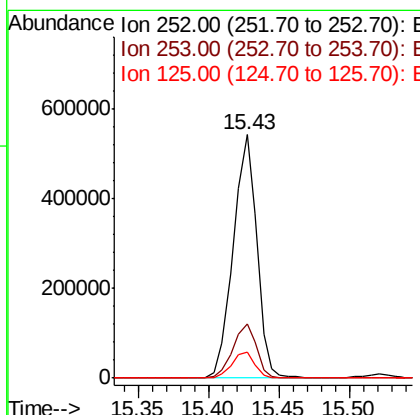
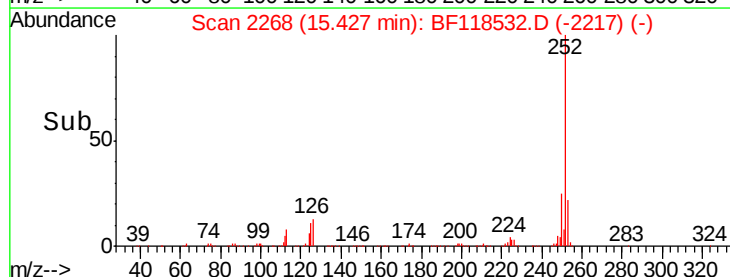
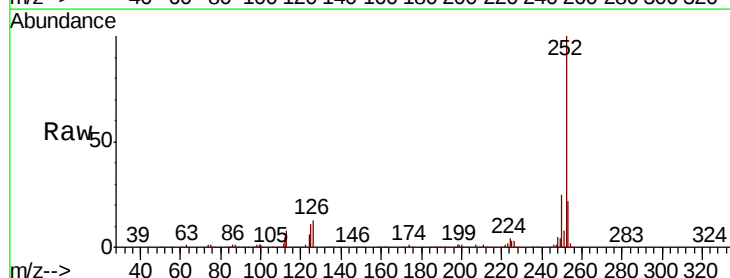
Manual Integrations
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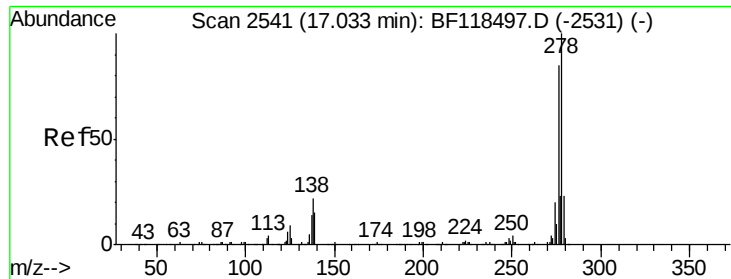
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#90
Benzo(a)pyrene
Concen: 42.829 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.9	8.7	13.1





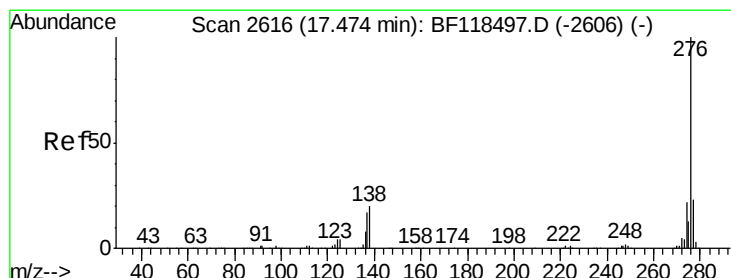
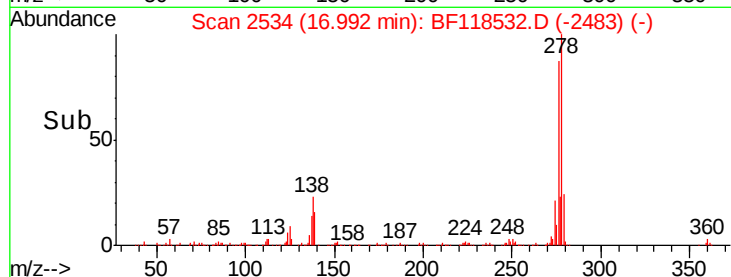
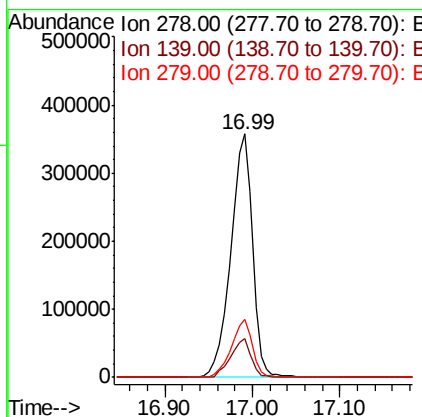
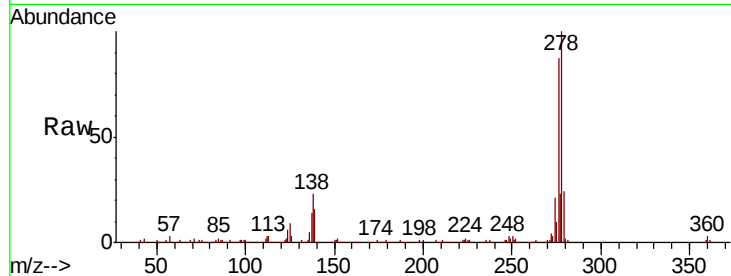
#91
Dibenzo(a,h)anthracene
Concen: 43.471 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	23.6	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.785 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BF118532.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	18.4	14.7	22.1

