

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119164.D
 Acq On : 2 Mar 2020 9:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 3/3/2020 12:25:47 PM

Quant Time: Mar 03 07:28:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181587	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	691706	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	402623	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	758371	20.00	ng	0.00
76) Chrysene-d12	13.90	240	558508	20.00	ng	0.00
87) Perylene-d12	15.32	264	498703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	833382	76.70	ng	0.00
7) Phenol-d6	6.39	99	1040673	78.75	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1026022	78.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	423085	80.33	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2029243	74.25	ng	-0.01
79) Terphenyl-d14	12.84	244	2584243	79.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	164826	34.070	ng	99
3) Pyridine	3.15	79	473834	35.863	ng	100
4) n-Nitrosodimethylamine	3.10	42	157106	39.253	ng	100
6) Aniline	6.40	93	632935	38.816	ng	93
8) 2-Chlorophenol	6.53	128	463262	39.506	ng	97
9) Benzaldehyde	6.29	77	298371	33.794	ng	99
10) Phenol	6.40	94	548672	38.402	ng	92
11) bis(2-Chloroethyl)ether	6.48	93	440884	40.329	ng	99
12) 1,3-Dichlorobenzene	6.68	146	544717	38.757	ng	98
13) 1,4-Dichlorobenzene	6.76	146	553276	39.339	ng	99
14) 1,2-Dichlorobenzene	6.91	146	507866	39.594	ng	100
15) Benzyl Alcohol	6.89	79	403127	42.209	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	383664	40.514	ng	73
17) 2-Methylphenol	7.01	107	379245	39.890	ng	97
18) Hexachloroethane	7.25	117	203990	40.541	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	334143	43.394	ng	99
20) 3+4-Methylphenols	7.16	107	473627	40.663	ng	92
22) Acetophenone	7.16	105	645864	40.356	ng	# 98
24) Nitrobenzene	7.33	77	510256	39.387	ng	97
25) Isophorone	7.57	82	924836	40.649	ng	100
26) 2-Nitrophenol	7.64	139	271158	39.503	ng	97
27) 2,4-Dimethylphenol	7.69	122	360168	38.661	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	592135	39.985	ng	100
29) 2,4-Dichlorophenol	7.89	162	429904	39.199	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	494708	38.045	ng	99
31) Naphthalene	8.05	128	1386800	38.659	ng	99
32) Benzoic acid	7.85	122	276156	41.652	ng	99
33) 4-Chloroaniline	8.10	127	604426	39.174	ng	98
34) Hexachlorobutadiene	8.16	225	317539	39.204	ng	99
35) Caprolactam	8.49	113	139183m	41.216	ng	
36) 4-Chloro-3-methylphenol	8.59	107	451639	40.691	ng	98
37) 2-Methylnaphthalene	8.73	142	954246	39.527	ng	99
38) 1-Methylnaphthalene	8.83	142	907862	39.987	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	512443	37.750	ng	99

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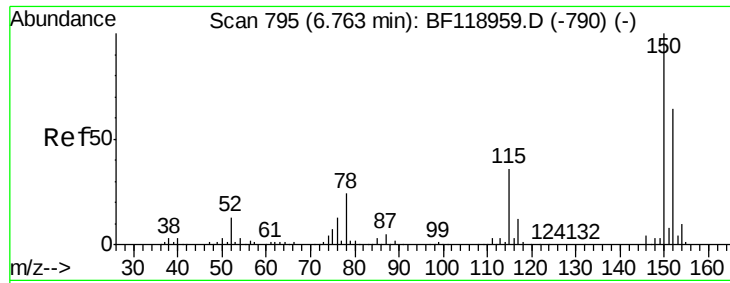
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	121051	31.016	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	326699	38.111	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	335177	37.261	ng	99
46) 1,1'-Biphenyl	9.20	154	1240942	38.136	ng	100
47) 2-Chloronaphthalene	9.22	162	997095	38.024	ng	99
48) 2-Nitroaniline	9.33	65	297871	40.727	ng	95
49) Acenaphthylene	9.64	152	1430941	37.783	ng	99
50) Dimethylphthalate	9.50	163	1242070	40.343	ng	99
51) 2,6-Dinitrotoluene	9.57	165	268146	39.202	ng	90
52) Acenaphthene	9.81	154	880300	38.547	ng	100
53) 3-Nitroaniline	9.74	138	292674	38.595	ng	95
54) 2,4-Dinitrophenol	9.86	184	117177	39.429	ng	96
55) Dibenzofuran	9.98	168	1281652	37.600	ng	100
56) 4-Nitrophenol	9.92	139	163502	35.886	ng	98
57) 2,4-Dinitrotoluene	9.97	165	337372	38.052	ng	94
58) Fluorene	10.32	166	1057569	39.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298096	39.273	ng	98
60) Diethylphthalate	10.20	149	1212335	41.785	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	564971	40.298	ng	99
62) 4-Nitroaniline	10.36	138	304202	39.209	ng	96
63) Azobenzene	10.47	77	1027460	40.741	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	187089	40.769	ng	99
66) n-Nitrosodiphenylamine	10.43	169	965685	38.889	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	386279	38.967	ng	97
68) Hexachlorobenzene	10.87	284	446328	39.052	ng	96
69) Atrazine	10.96	200	331687	38.230	ng	98
70) Pentachlorophenol	11.07	266	179251	38.935	ng	99
71) Phenanthrene	11.29	178	1565131	37.844	ng	99
72) Anthracene	11.33	178	1598602	38.685	ng	99
73) Carbazole	11.49	167	1422725	38.646	ng	99
74) Di-n-butylphthalate	11.82	149	1878755	42.141	ng	100
75) Fluoranthene	12.47	202	1714289	39.050	ng	99
77) Benzidine	12.59	184	654987	28.836	ng	99
78) Pyrene	12.70	202	1685282	37.578	ng	100
80) Butylbenzylphthalate	13.31	149	819233	43.403	ng	99
81) Benzo(a)anthracene	13.89	228	1491468	39.193	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	562239	38.049	ng	99
83) Chrysene	13.93	228	1442035	38.030	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	1126701	47.249	ng	99
85) Di-n-octyl phthalate	14.47	149	1750555	46.075	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	1139071	31.024	ng	99
88) Benzo(b)fluoranthene	14.92	252	1357700	41.303	ng	99
89) Benzo(k)fluoranthene	14.94	252	1255319	41.208	ng	99
90) Benzo(a)pyrene	15.26	252	1147275	38.671	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	950265	36.403	ng	99
92) Benzo(g,h,i)perylene	17.14	276	879405	34.096	ng	99

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



#1

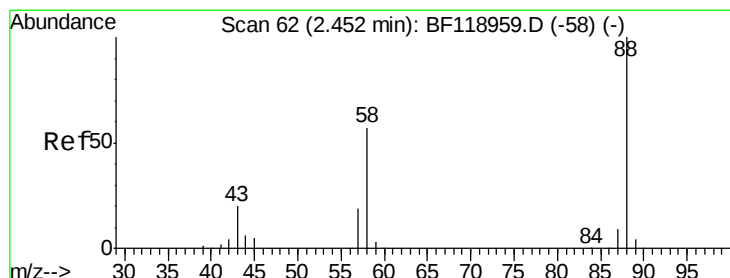
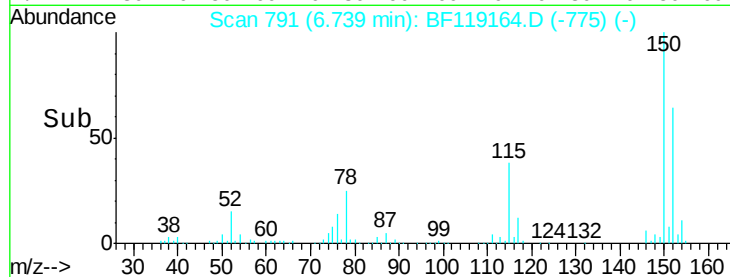
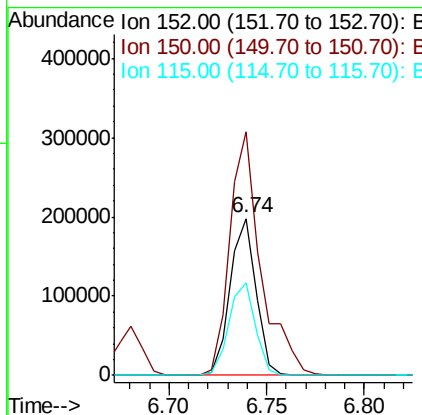
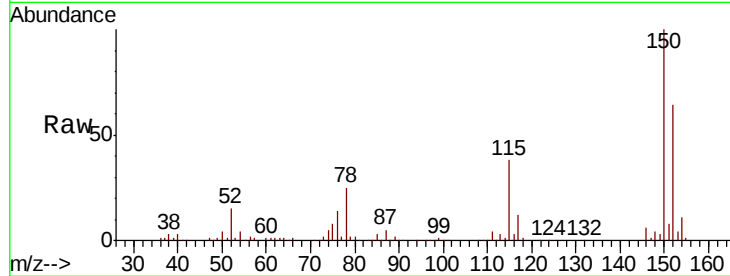
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.6
115	59.2	49.5	74.3

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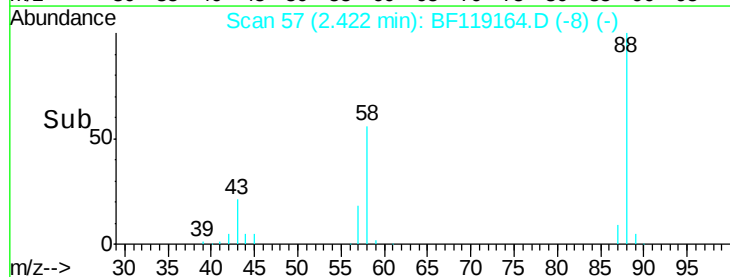
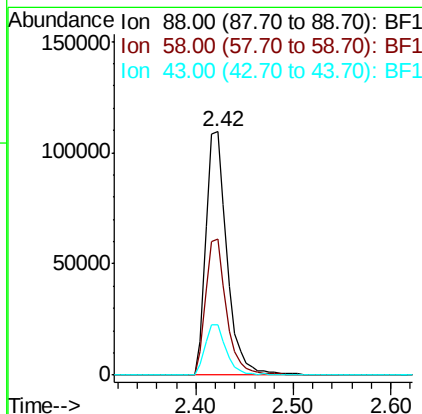
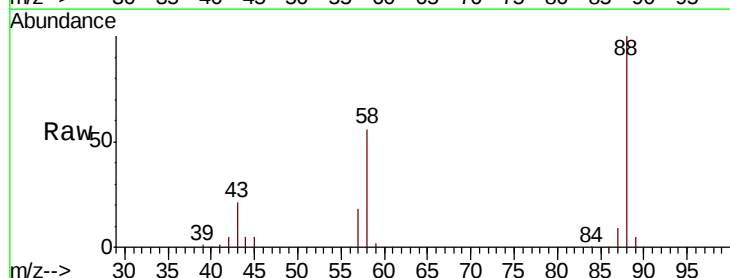
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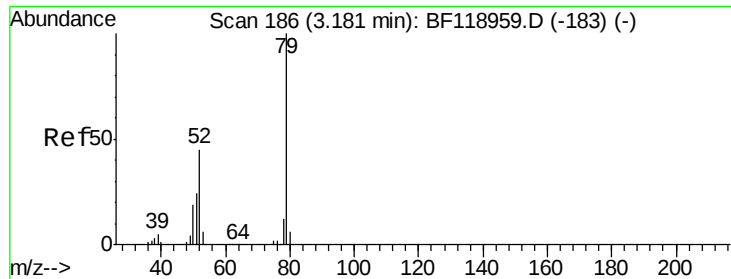


#2

1,4-Dioxane
Concen: 34.070 ng
RT: 2.42 min Scan# 57
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	43.8	65.6
43	20.7	16.2	24.4





#3

Pvridine

Concen: 35.863 ng

RT: 3.15 min Scan# 180

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

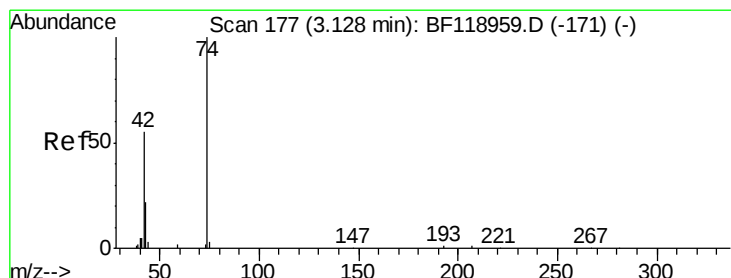
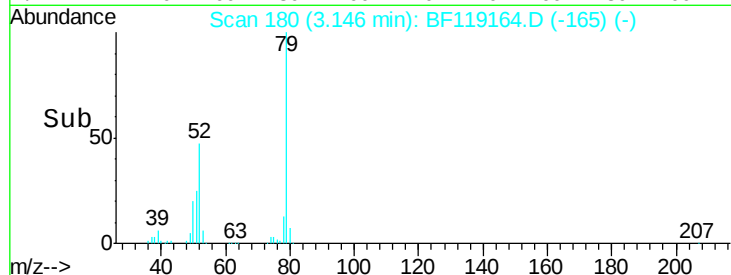
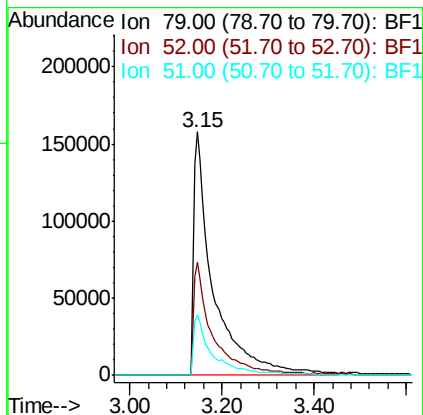
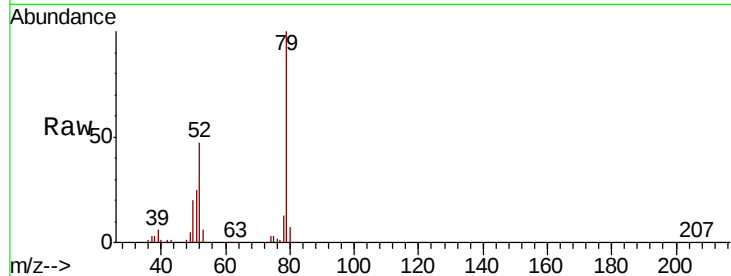
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	473834
Ion	Ratio	Lower	Upper
79	100		
52	46.7	37.4	56.0
51	24.9	19.8	29.6

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#4

n-Nitrosodimethylamine

Concen: 39.253 ng

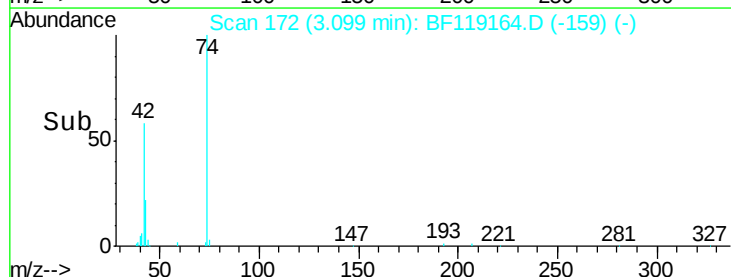
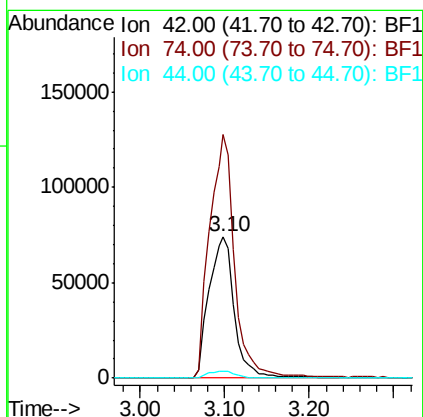
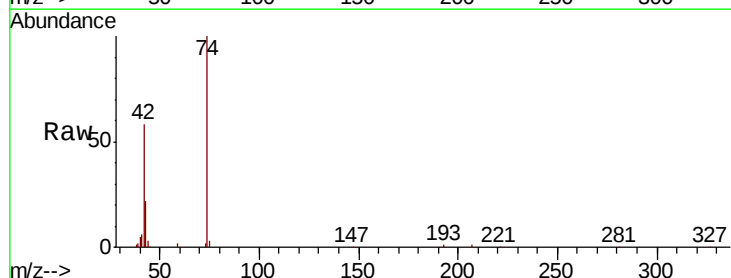
RT: 3.10 min Scan# 172

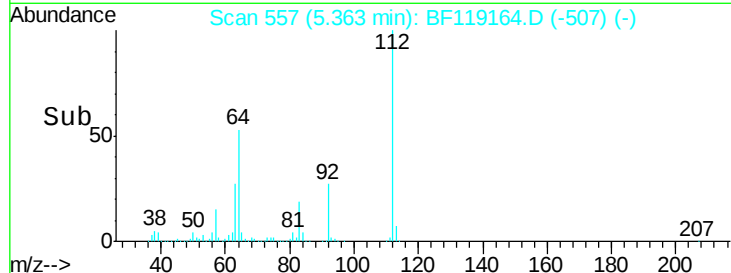
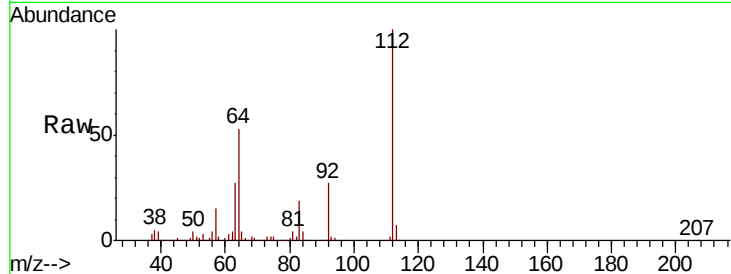
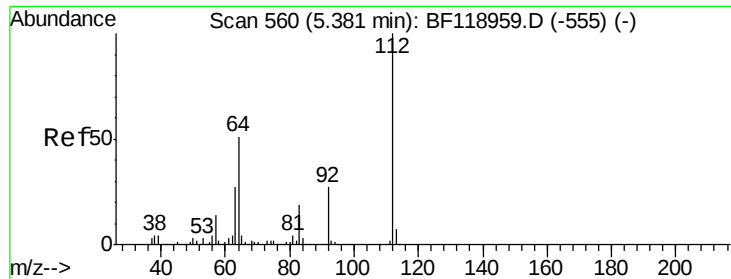
Delta R.T. -0.02 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	42	Resp:	157106
Ion	Ratio	Lower	Upper
42	100		
74	171.8	137.7	206.5
44	5.2	4.5	6.7





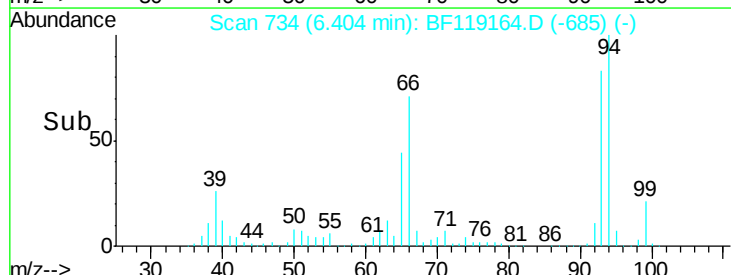
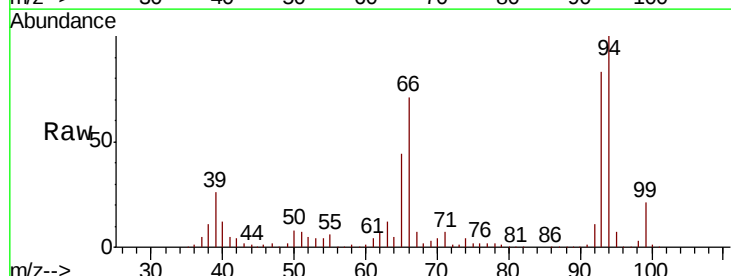
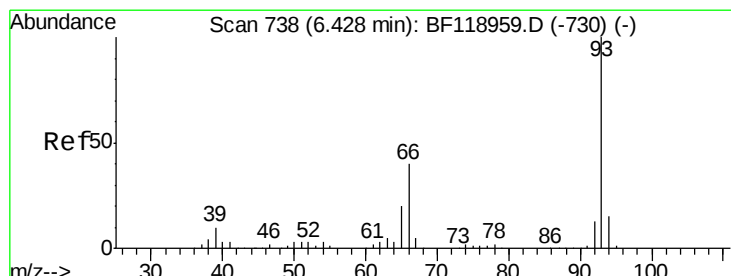
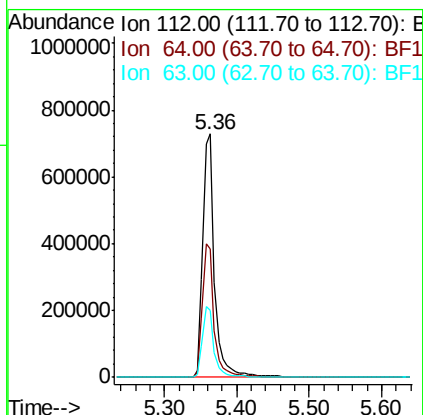
#5
2-Fluorophenol
Concen: 76.698 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.6	45.0	67.4
63	27.3	24.2	36.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

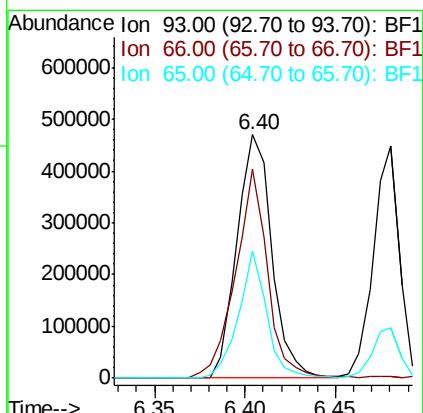
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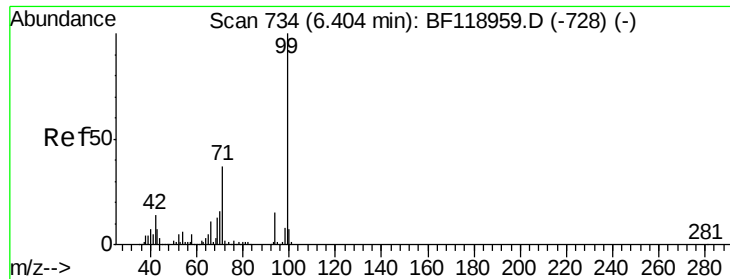
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#6
Aniline
Concen: 38.816 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	85.8	74.5	111.7
65	52.5	45.3	67.9





#7

Phenol-d6

Concen: 78.750 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1040673

Ion Ratio Lower Upper

99 100

42 16.0 12.6 18.8

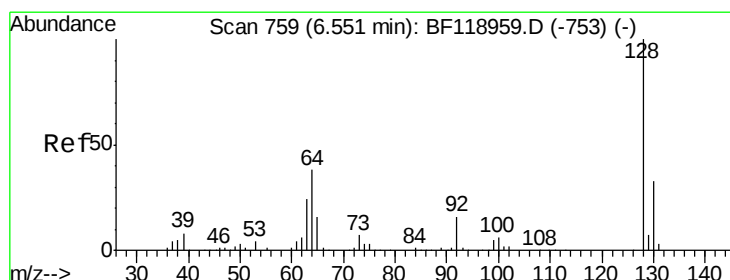
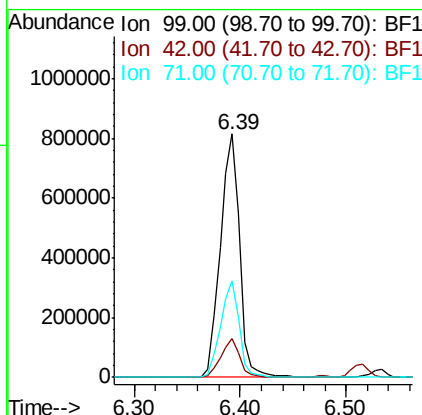
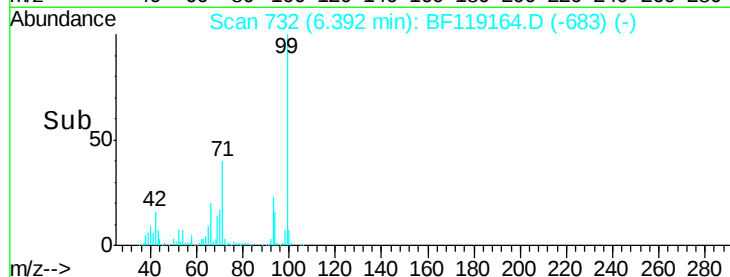
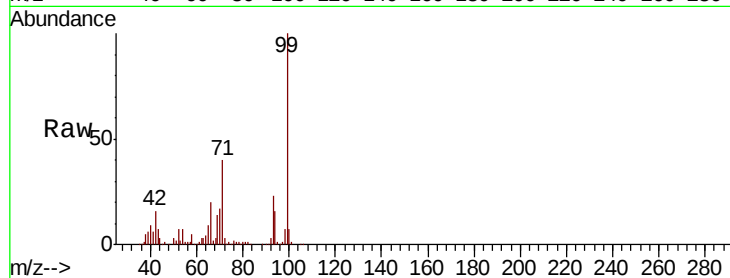
71 39.8 31.0 46.4

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#8

2-Chlorophenol

Concen: 39.506 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

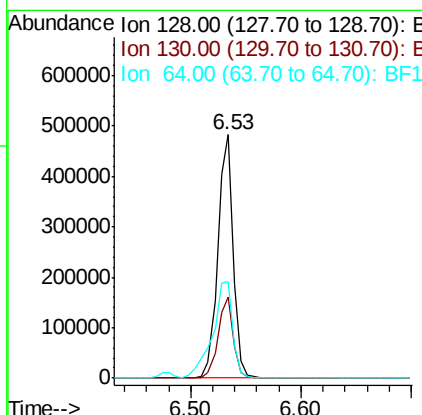
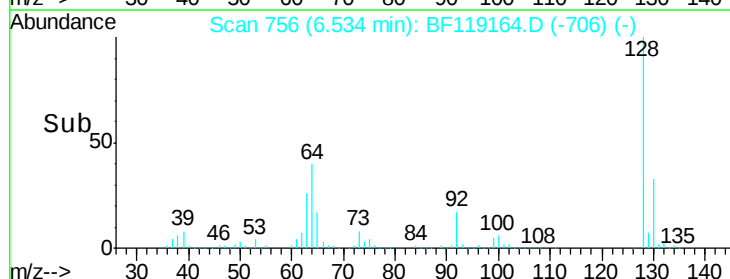
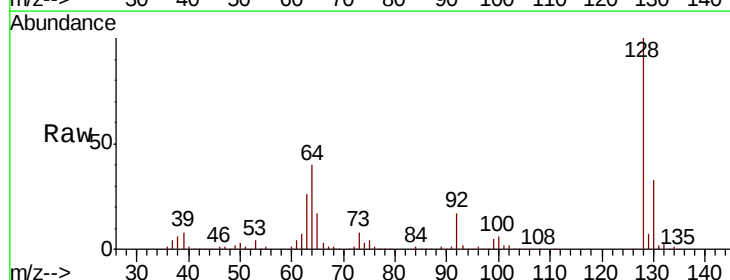
Tgt Ion: 128 Resp: 463262

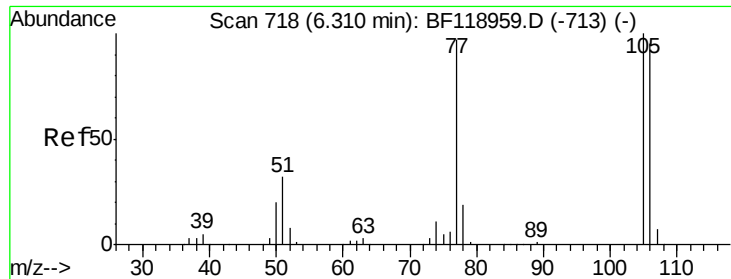
Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

64 39.7 22.3 62.3





#9

Benzaldehyde

Concen: 33.794 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

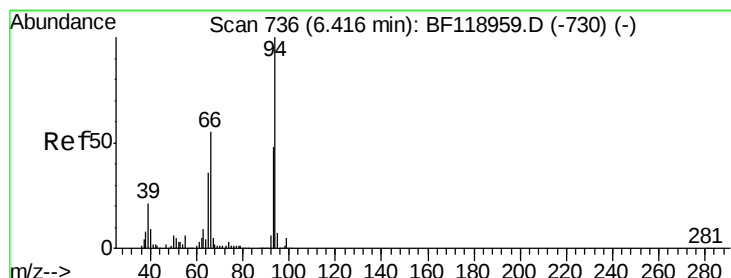
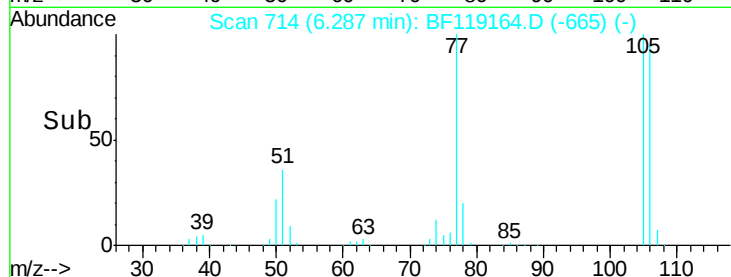
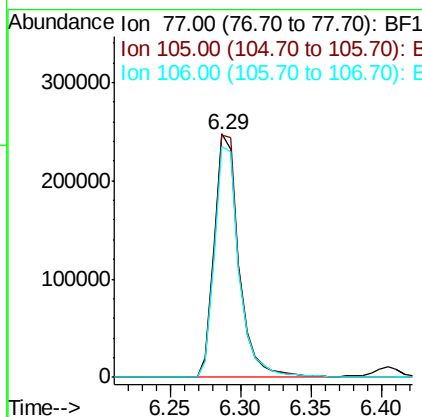
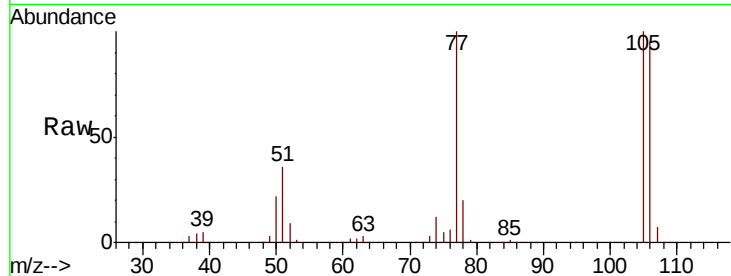
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	298371
Ion Ratio	Lower	Upper	
77	100		
105	99.7	80.1	120.1
106	94.7	75.9	115.9

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#10

Phenol

Concen: 38.402 ng

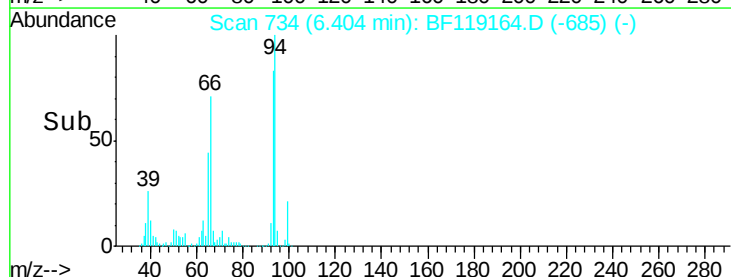
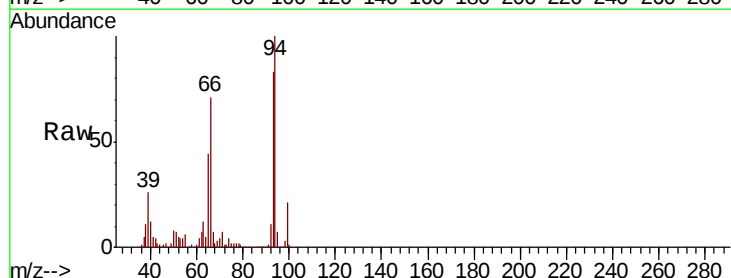
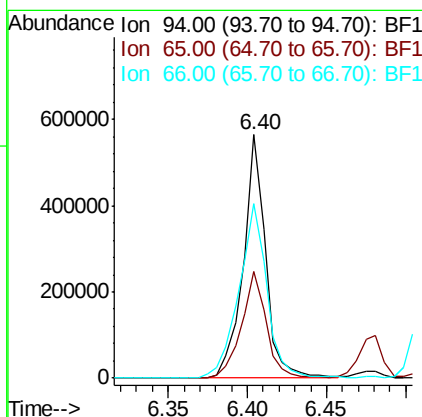
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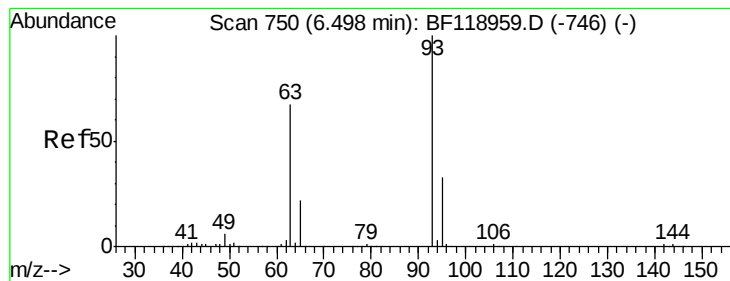
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	94	Resp:	548672
Ion Ratio	Lower	Upper	
94	100		
65	43.7	19.2	59.2
66	71.5	44.4	84.4





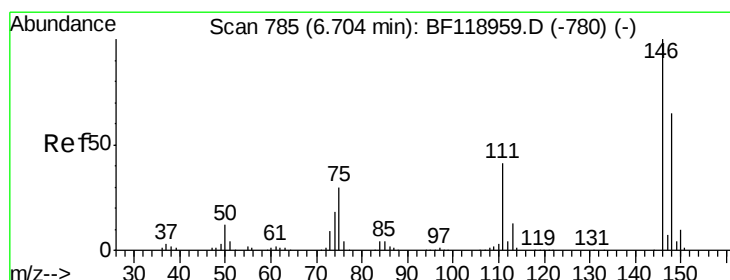
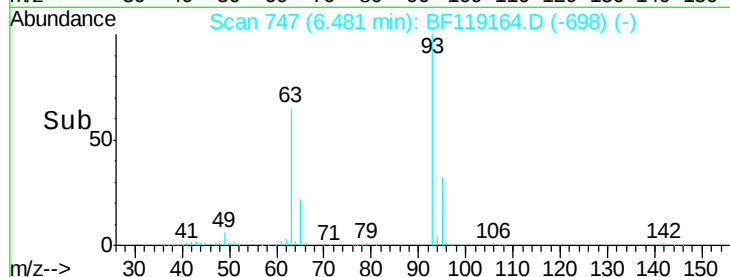
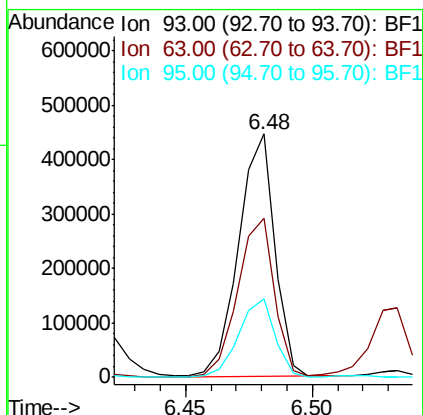
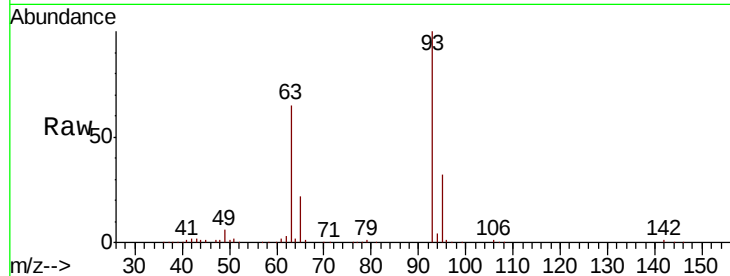
#11
bis(2-Chloroethyl)ether
Concen: 40.329 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.5	45.4	85.4
95	32.1	13.5	53.5

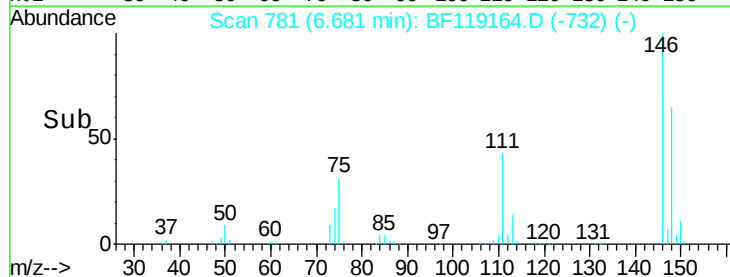
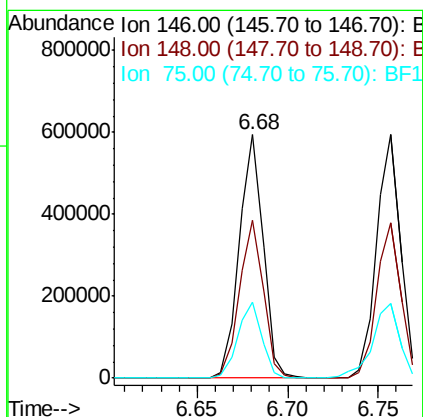
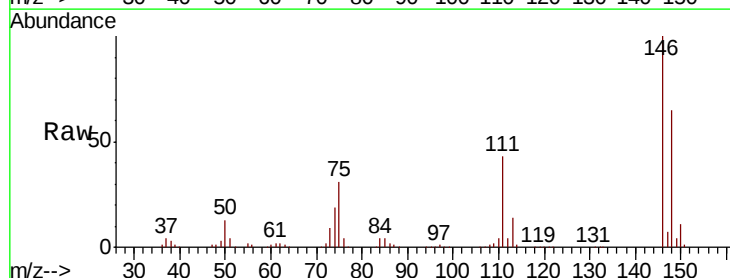
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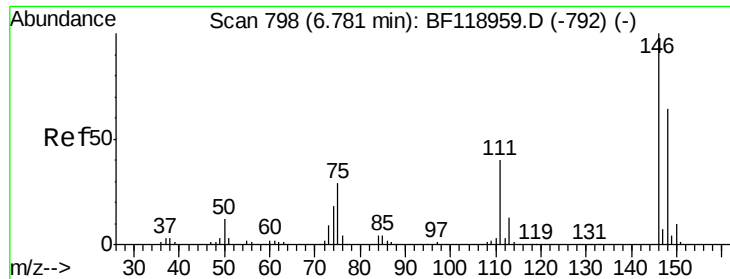
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#12
1,3-Dichlorobenzene
Concen: 38.757 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.5	78.7
75	31.4	23.6	35.4





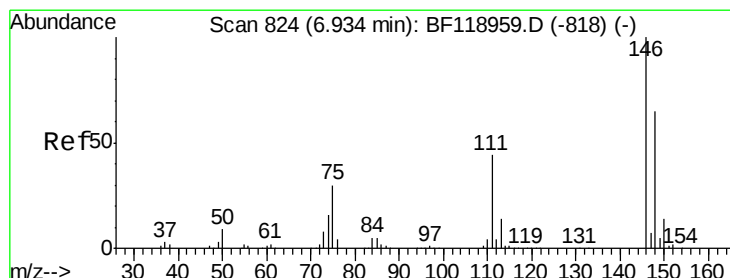
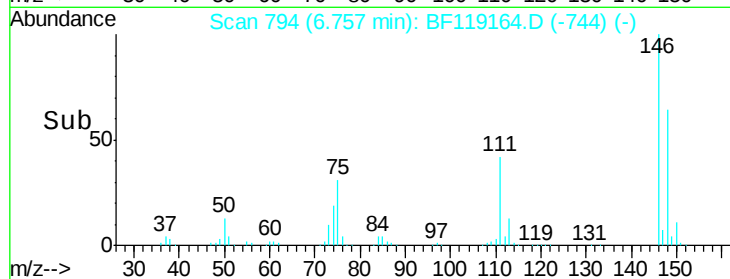
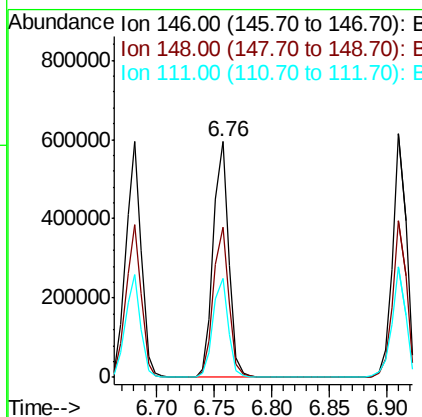
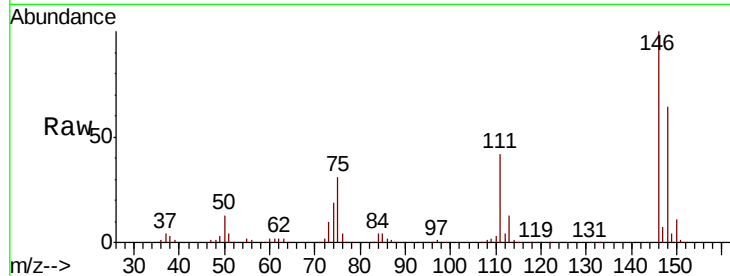
#13
1,4-Dichlorobenzene
Concen: 39.339 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	42.1	34.8	52.2

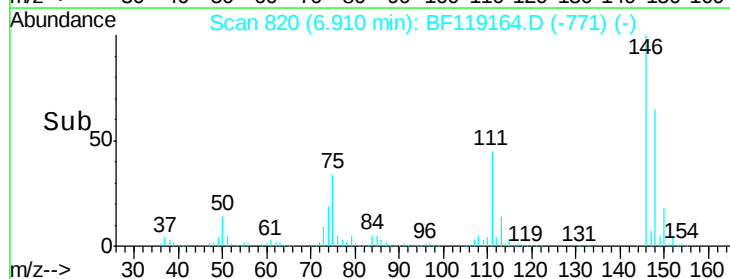
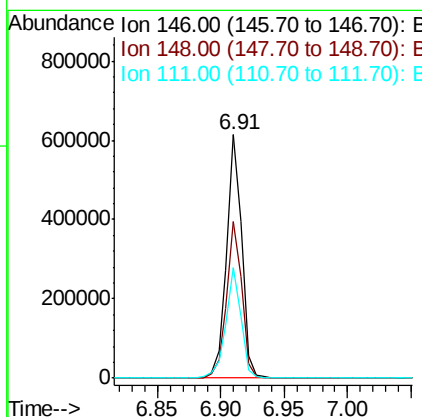
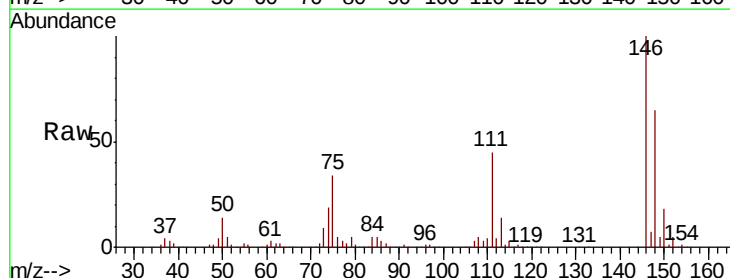
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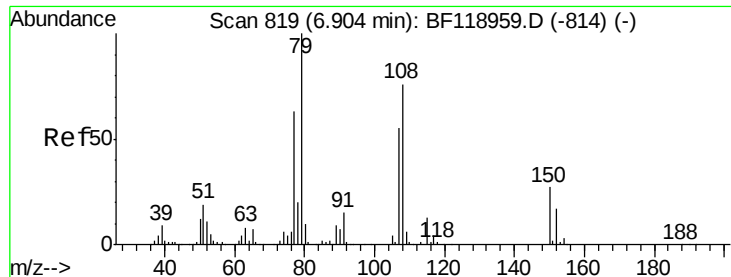
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#14
1,2-Dichlorobenzene
Concen: 39.594 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	45.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.209 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

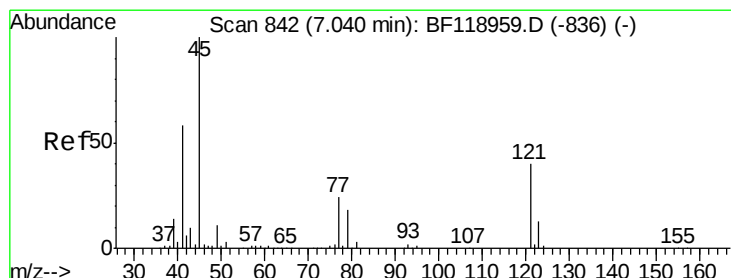
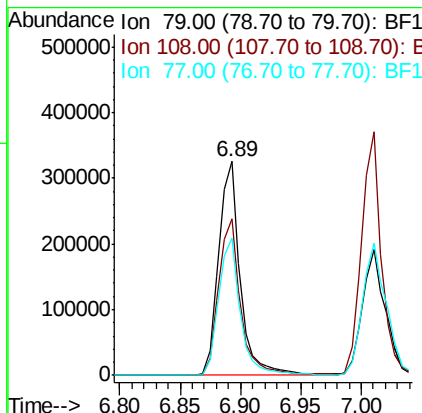
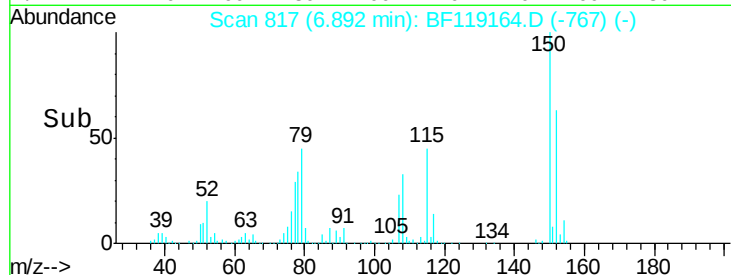
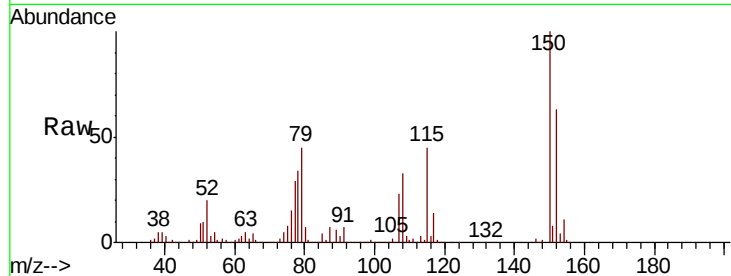
ClientSampleID :

SSTDCCC040

Tot Ion:	79	Resp:	403127
Ion Ratio	Lower	Upper	
79	100		
108	73.1	58.2	87.2
77	64.3	51.2	76.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.514 ng

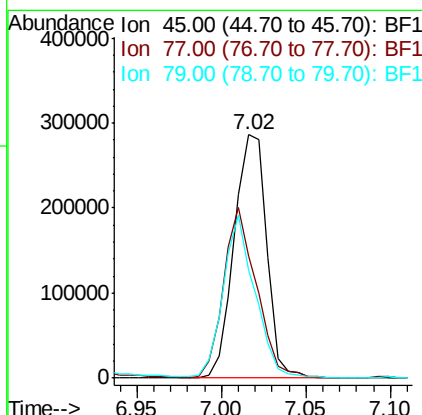
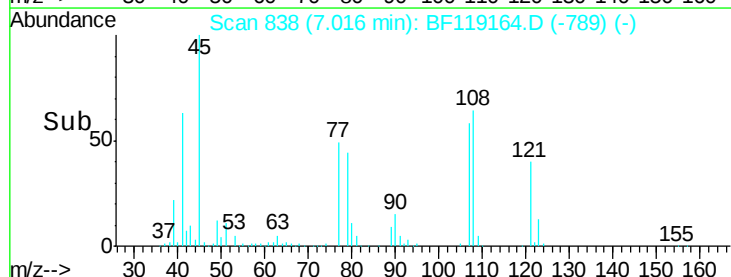
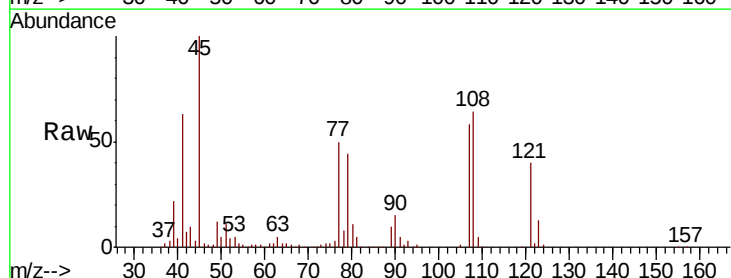
RT: 7.02 min Scan# 838

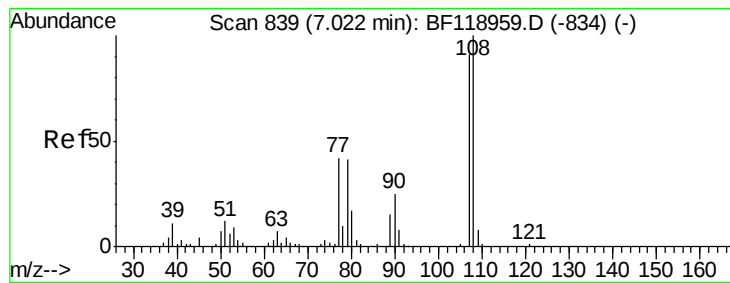
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	45	Resp:	383664
Ion Ratio	Lower	Upper	
45	100		
77	50.0	15.0	55.0
79	44.2	9.4	49.4





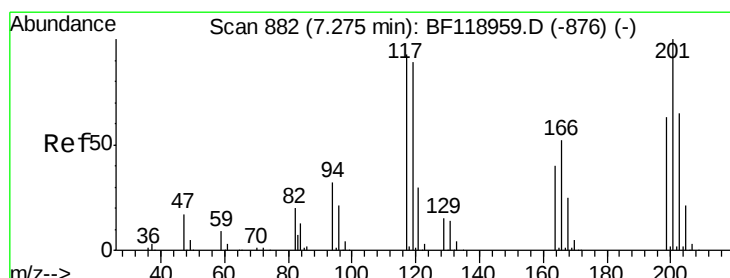
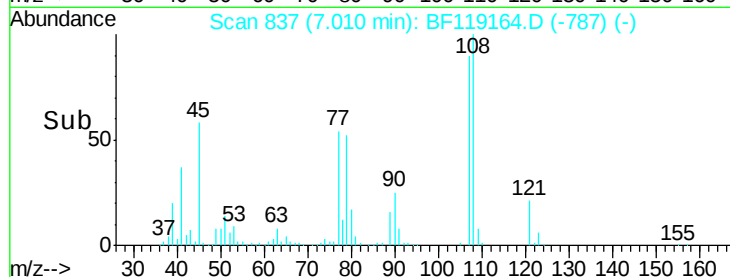
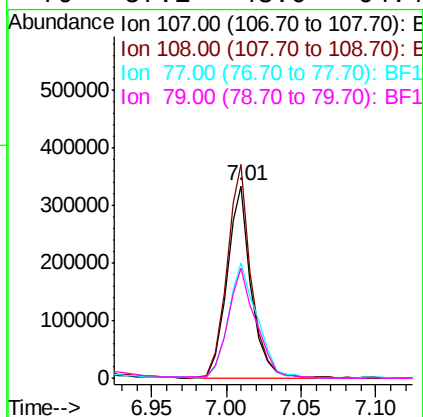
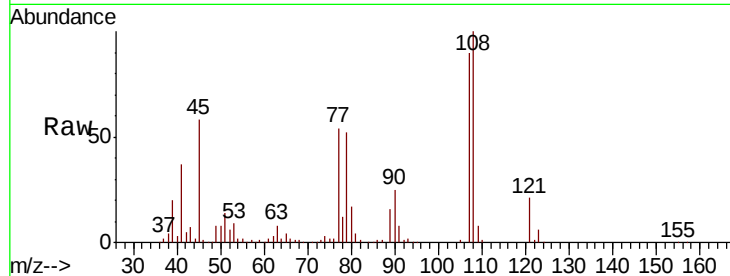
#17
2-Methylphenol
Concen: 39.890 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	87.9	131.9	
77	60.1	45.3	67.9	
79	57.1	43.0	64.4	

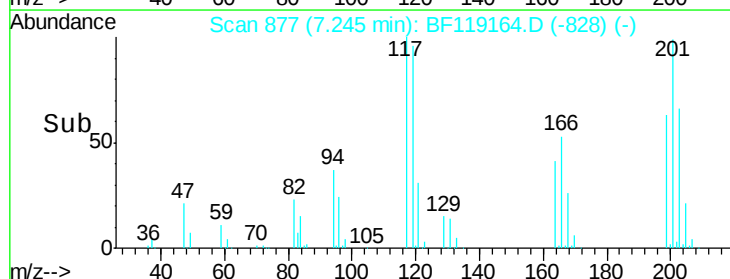
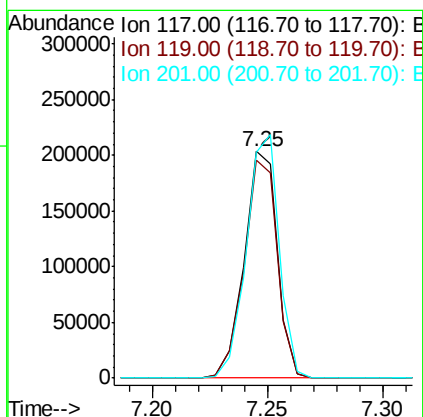
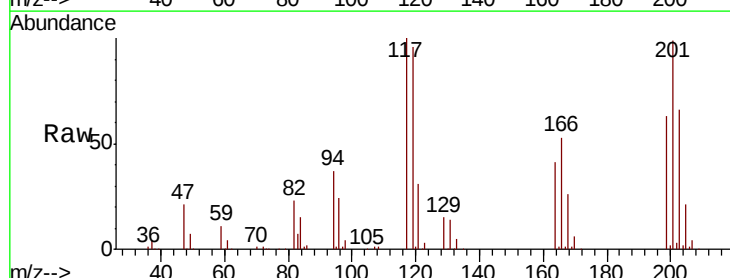
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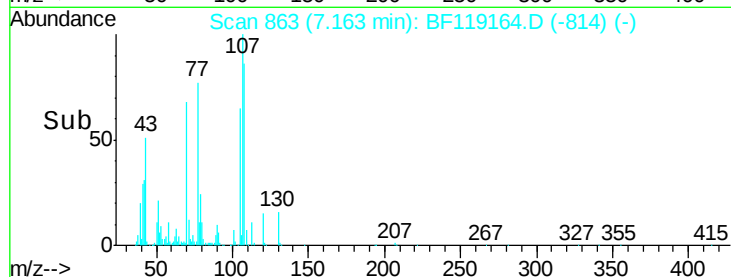
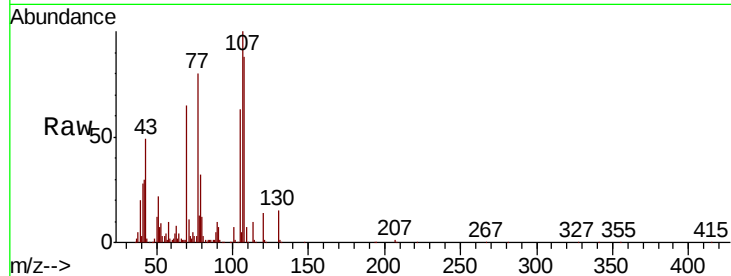
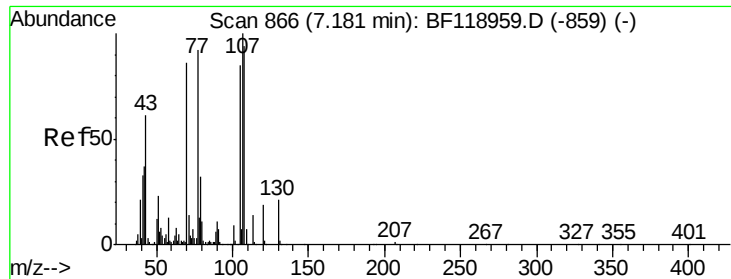
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#18
Hexachloroethane
Concen: 40.541 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.5	116.3	
201	99.4	82.6	123.8	





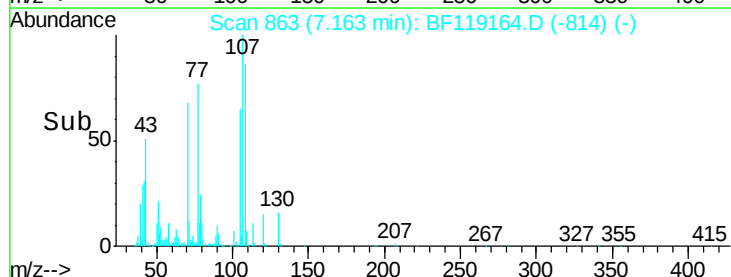
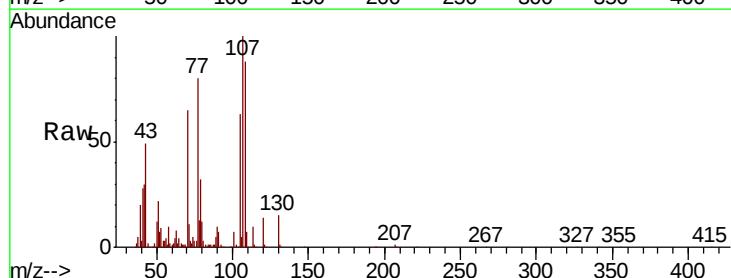
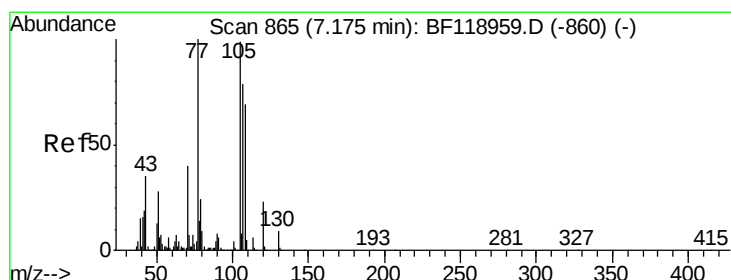
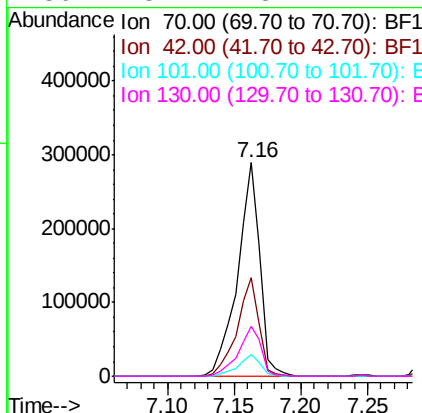
#19
n-Nitroso-di-n-propylamine
Concen: 43.394 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.4	8.2	12.4
130	23.2	18.2	27.4

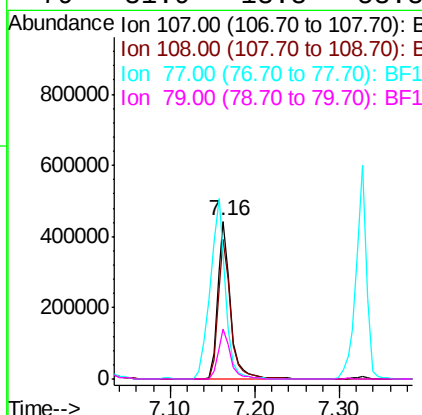
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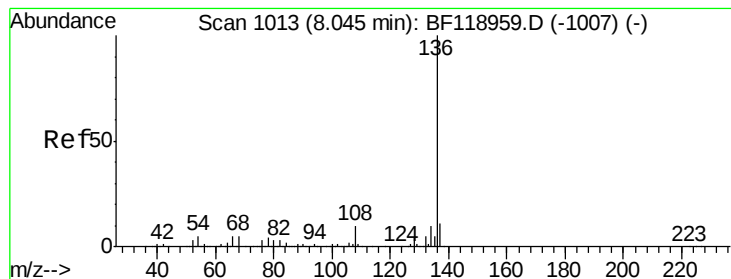
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#20
3+4-Methylphenols
Concen: 40.663 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.5	111.5
77	79.5	45.9	85.9
79	31.9	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

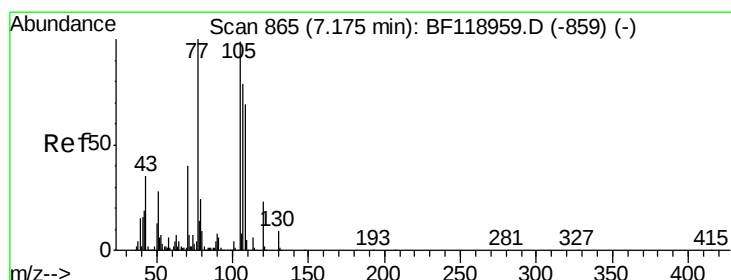
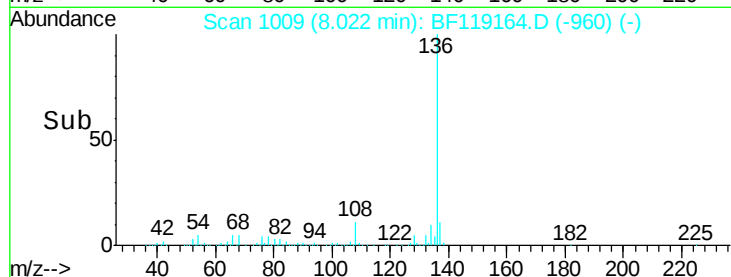
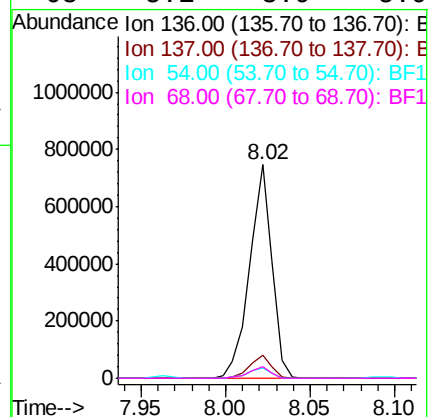
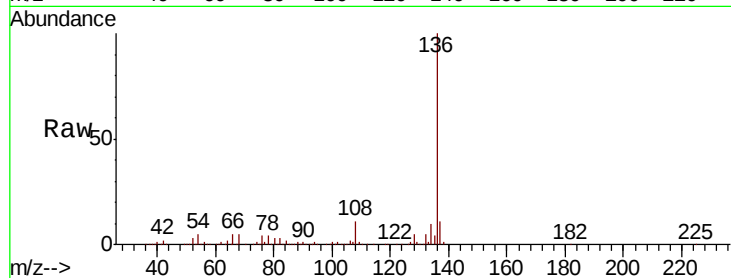
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	691706		
137	11.0	8.8	13.2	
54	4.9	3.8	5.6	
68	5.1	3.9	5.9	

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#22

Acetophenone

Concen: 40.356 ng

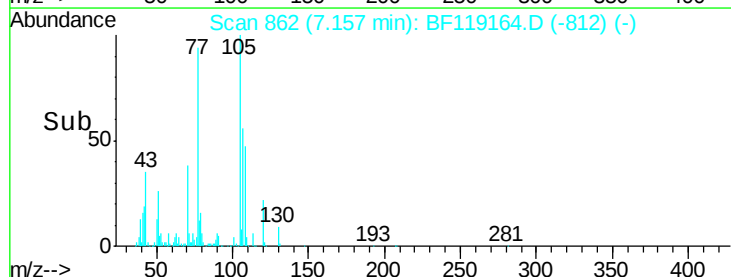
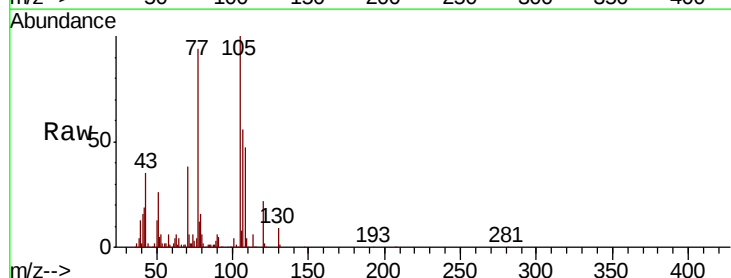
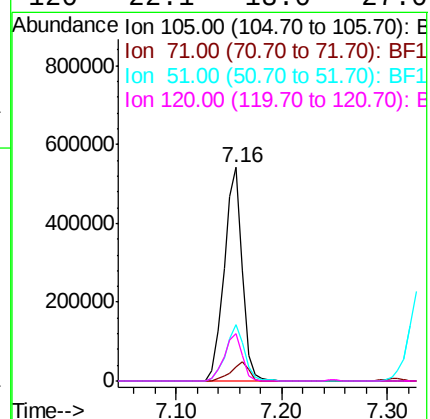
RT: 7.16 min Scan# 862

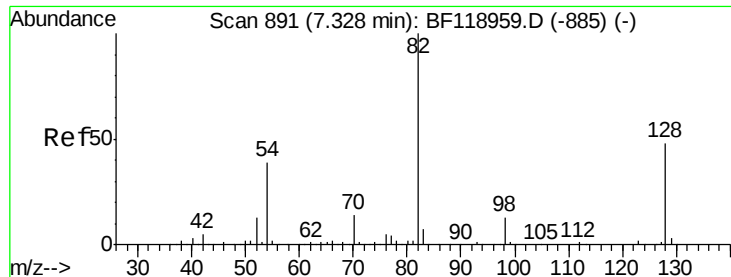
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	645864		
71	6.3	3.0	4.4#	
51	26.4	20.1	30.1	
120	22.1	18.0	27.0	





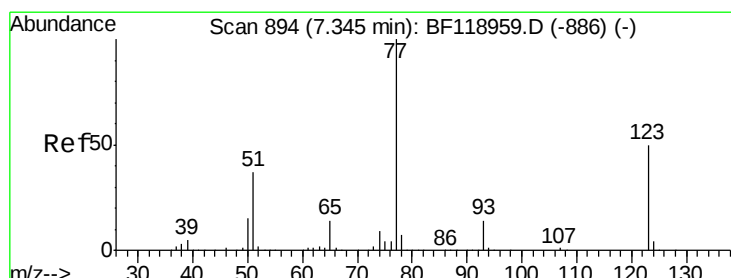
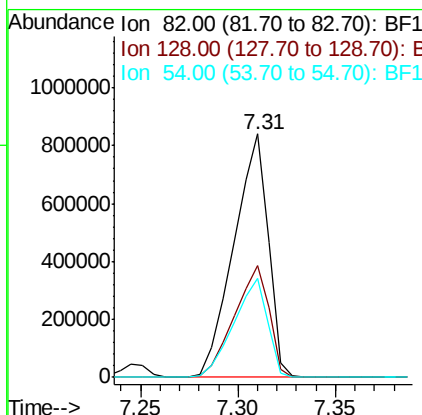
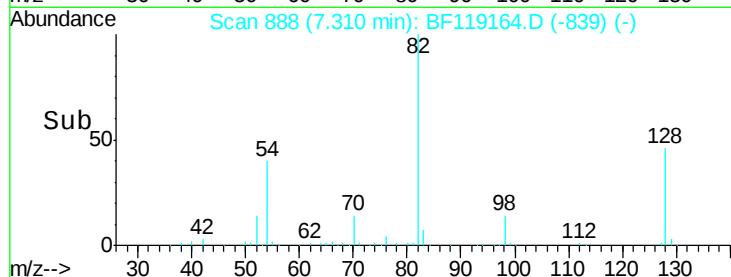
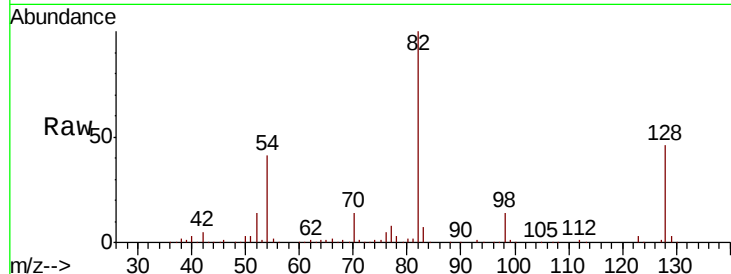
#23
Nitrobenzene-d5
Concen: 78.319 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.9	56.9
54	40.6	33.4	50.2

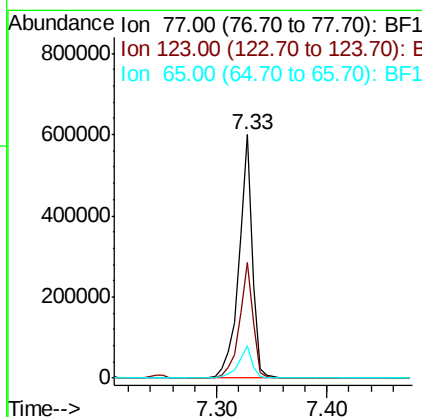
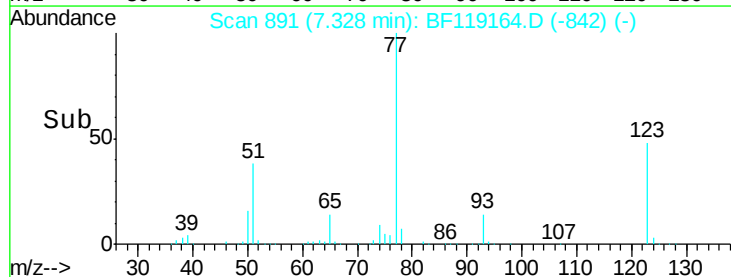
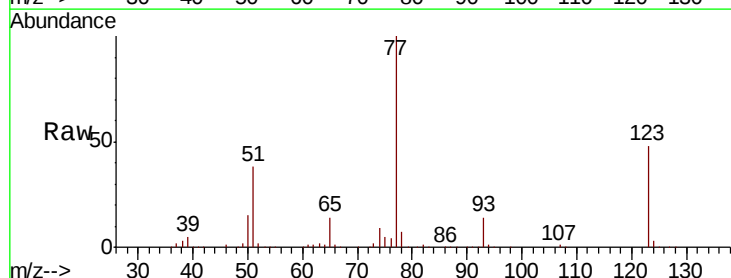
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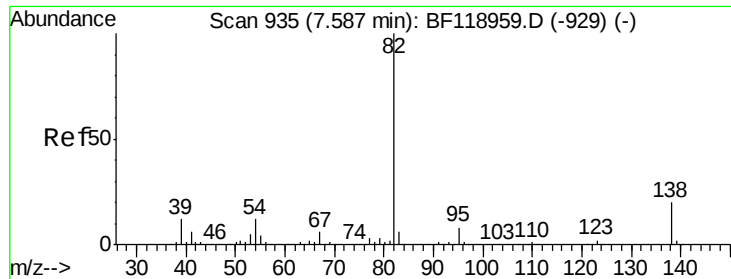
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#24
Nitrobenzene
Concen: 39.387 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.2	60.2
65	13.6	10.8	16.2





#25

Isophorone

Concen: 40.649 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

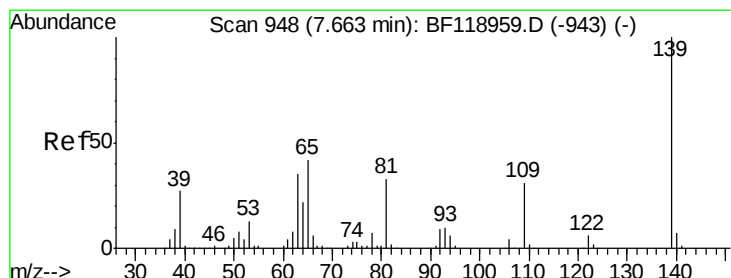
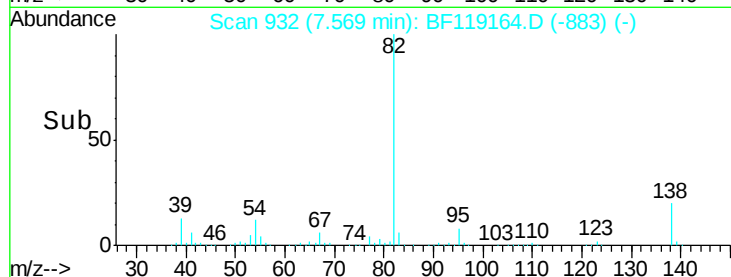
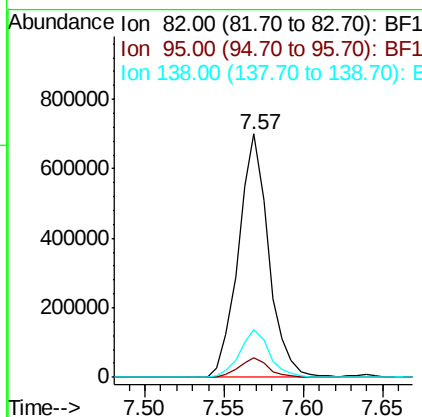
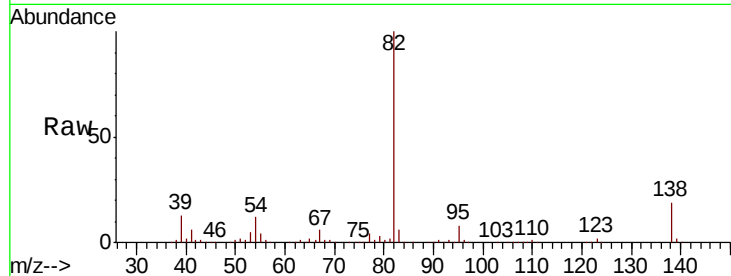
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	924836
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.4	9.6
138	19.5	15.7	23.5

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#26

2-Nitrophenol

Concen: 39.503 ng

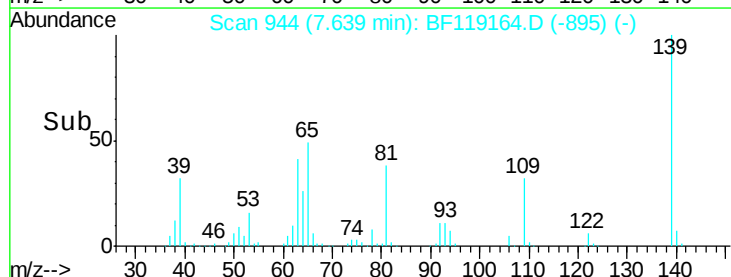
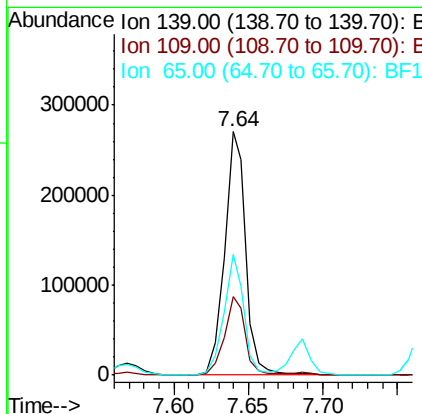
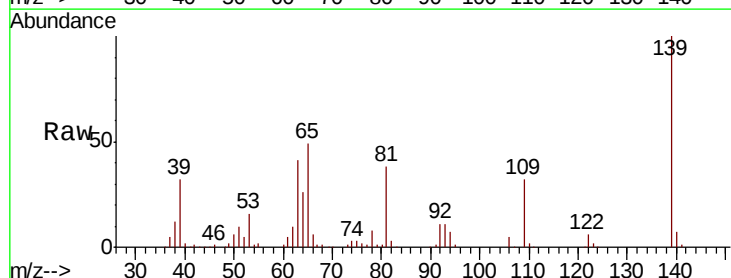
RT: 7.64 min Scan# 944

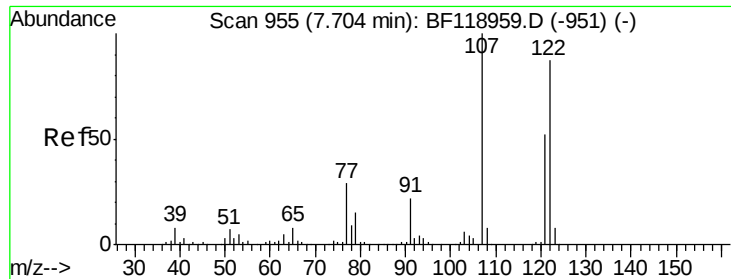
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	139	Resp:	271158
Ion Ratio	Lower	Upper	
139	100		
109	32.5	25.7	38.5
65	49.4	37.1	55.7





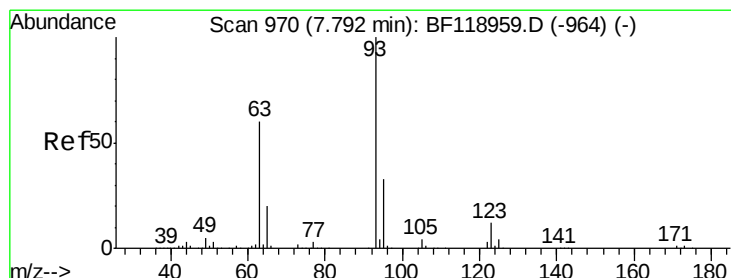
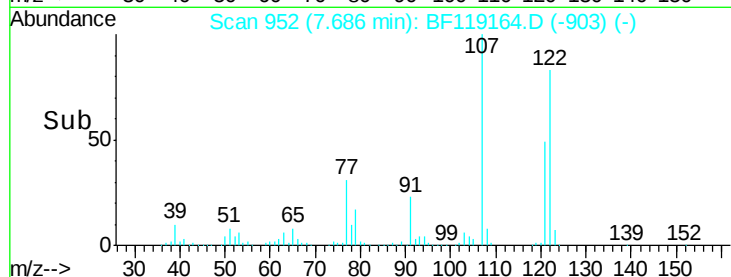
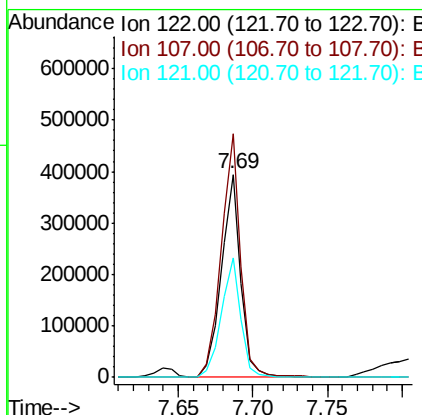
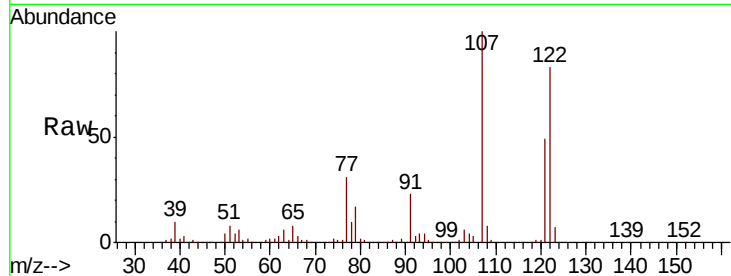
#27
2,4-Dimethylphenol
Concen: 38.661 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	360168		
107	120.1	93.8	140.6	
121	59.1	48.2	72.2	

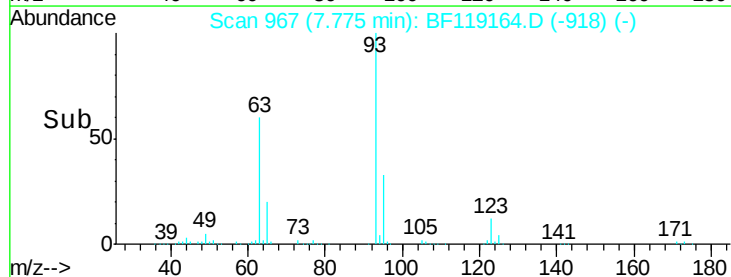
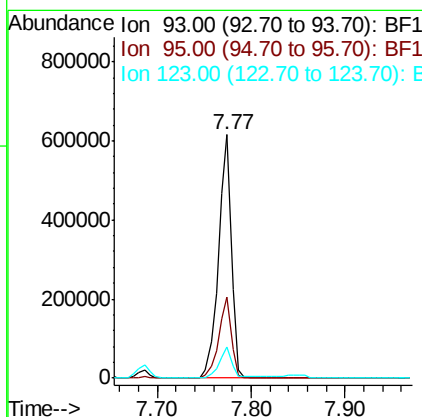
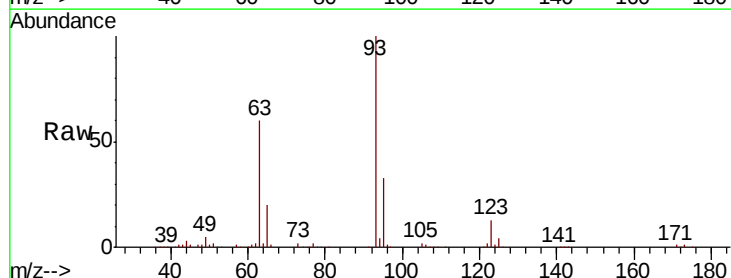
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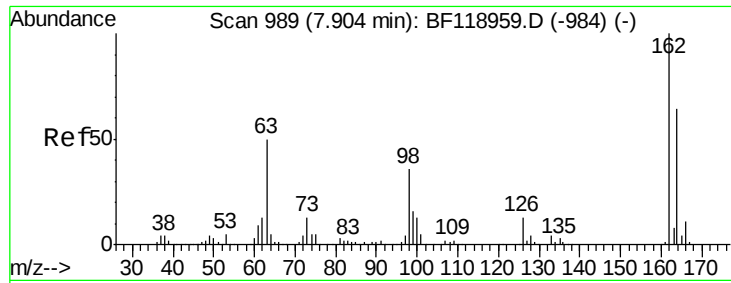
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.985 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	592135		
95	33.2	26.5	39.7	
123	12.5	10.2	15.2	





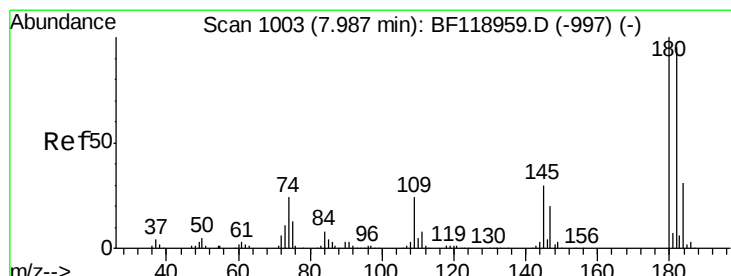
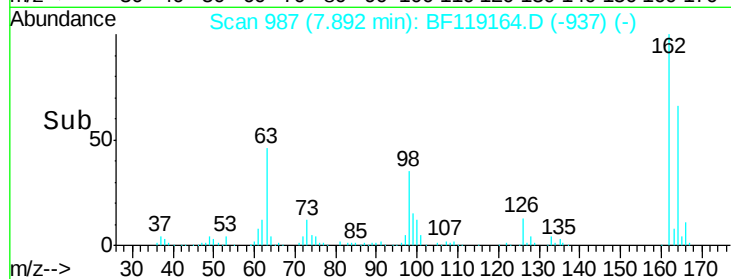
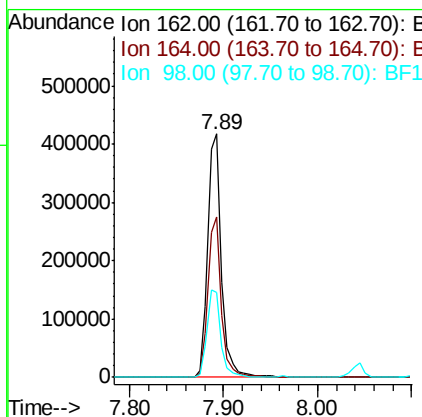
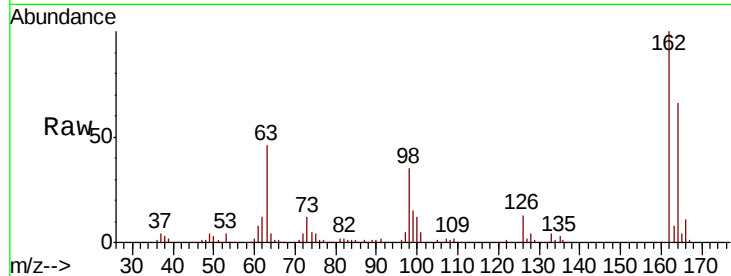
#29
2,4-Dichlorophenol
Concen: 39.199 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.2	85.2
98	34.9	17.4	57.4

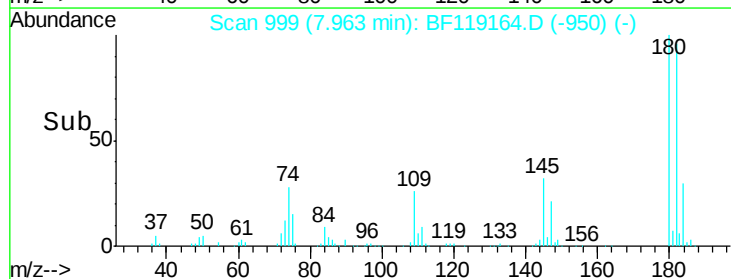
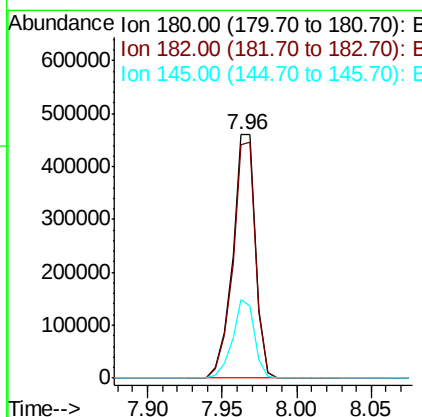
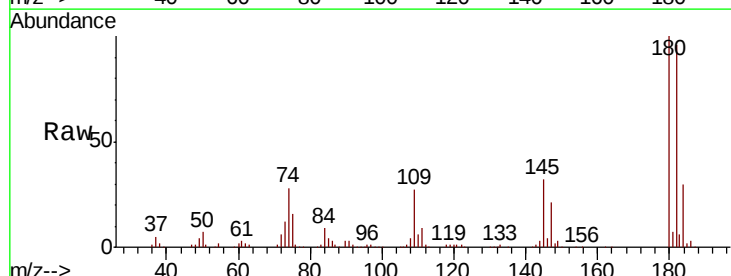
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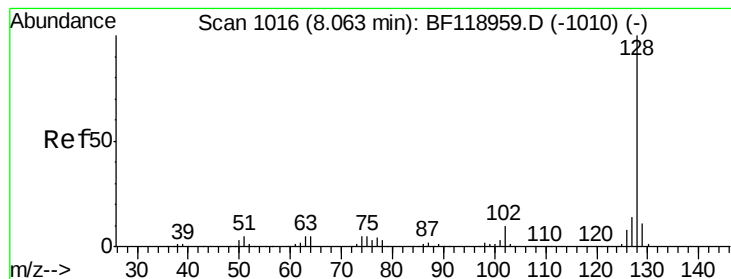
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#30
1,2,4-Trichlorobenzene
Concen: 38.045 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.8	116.6
145	32.1	25.2	37.8





#31

Naphthalene

Concen: 38.659 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1386800

Ion Ratio Lower Upper

128 100

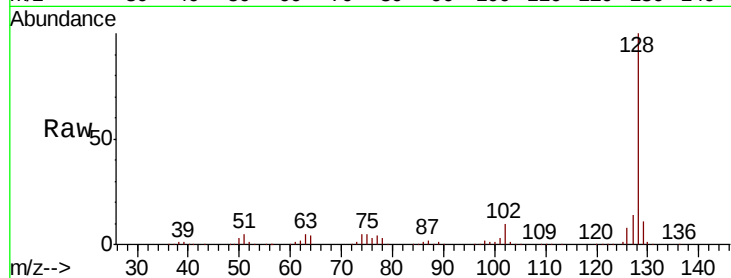
129 11.5 9.4 14.2

127 13.9 11.4 17.2

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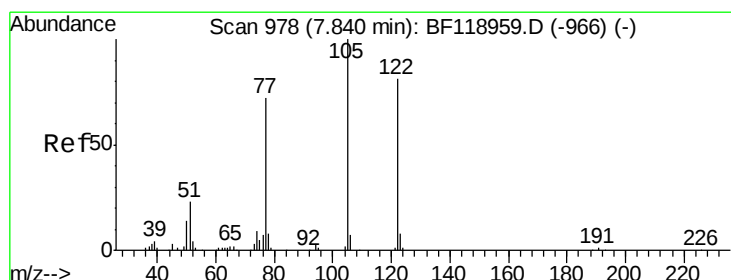
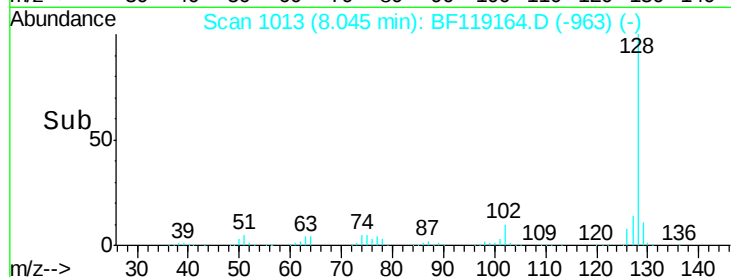
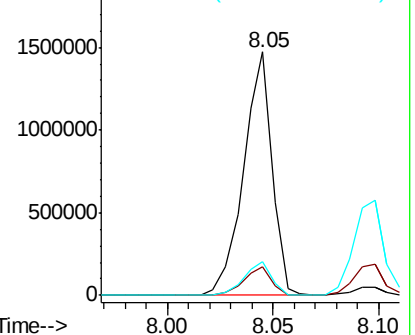
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Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.652 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

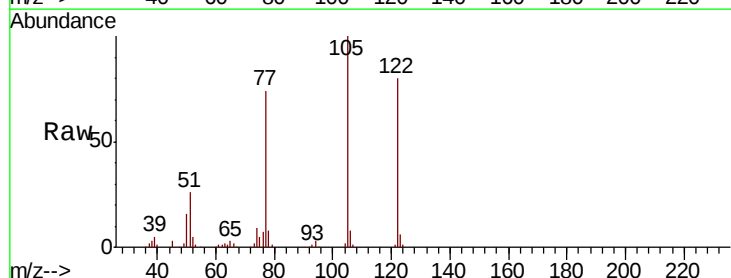
Tgt Ion:122 Resp: 276156

Ion Ratio Lower Upper

122 100

105 125.3 106.3 146.3

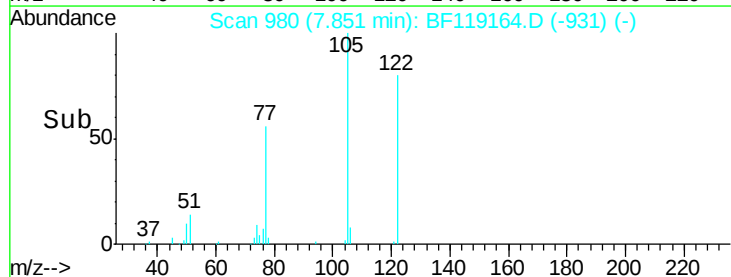
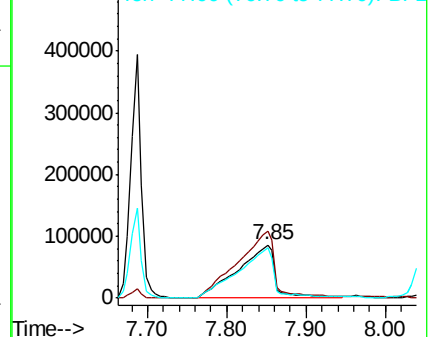
77 93.1 73.1 113.1

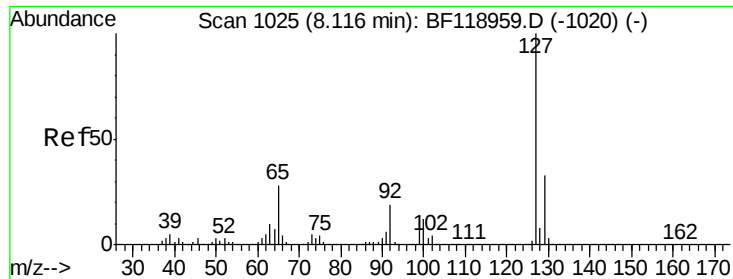


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





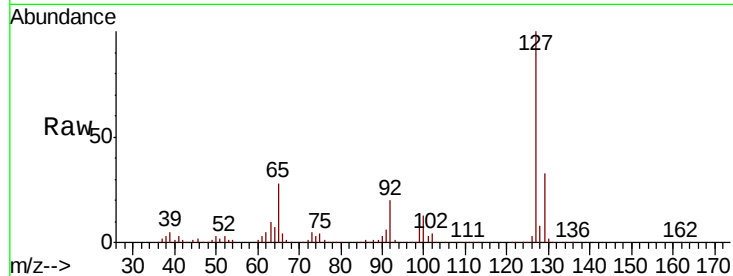
#33
4-Chloroaniline
Concen: 39.174 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

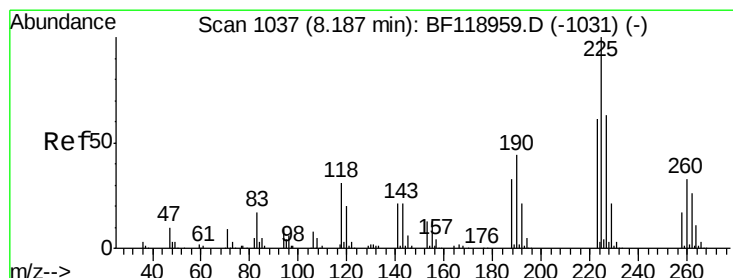
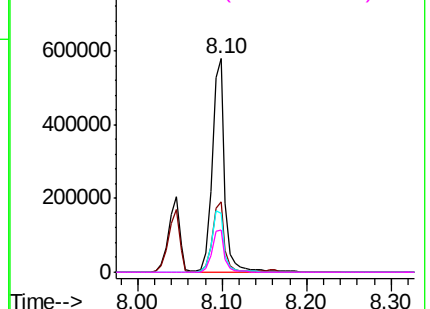
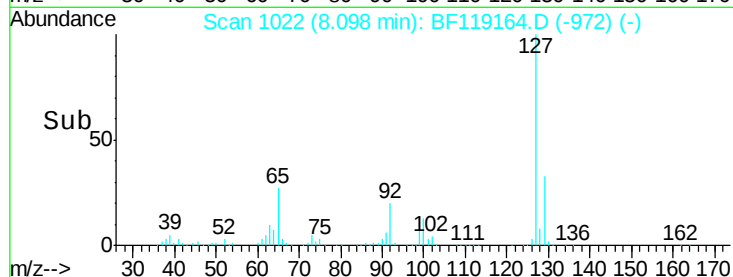
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	27.7	23.9	35.9		
92	19.7	16.3	24.5		

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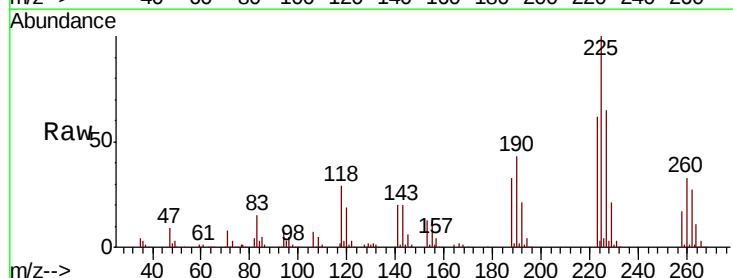


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

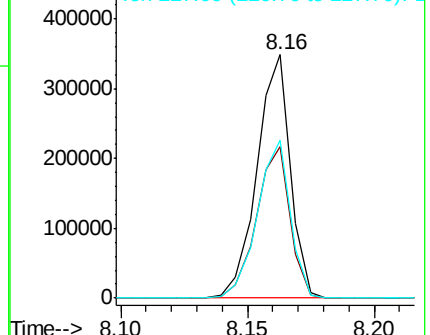
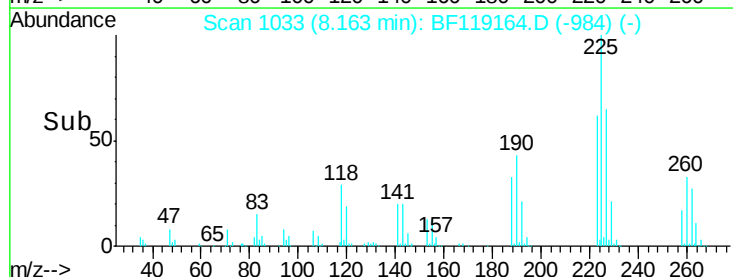


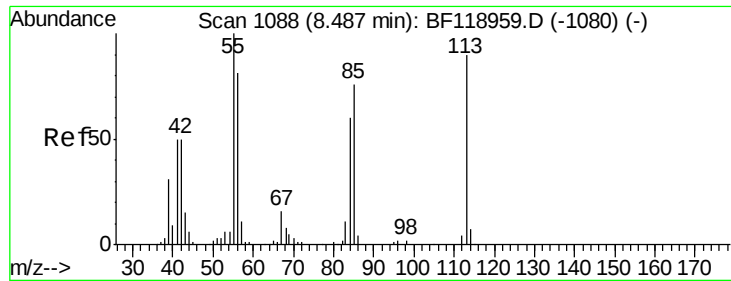
#34
Hexachlorobutadiene
Concen: 39.204 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.4	74.2		
227	64.7	52.9	79.3		



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: 41.216 ng/mL

RT: 8.49 min Scan# 1088

Delta R.T. -0.02 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

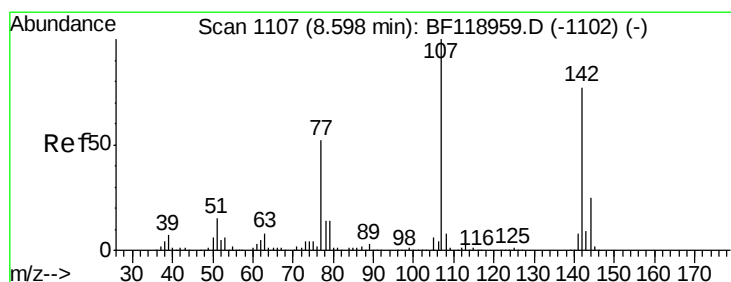
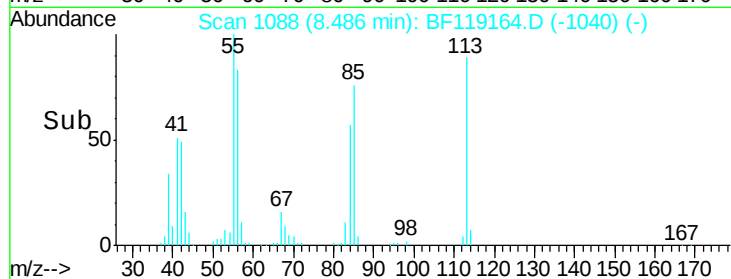
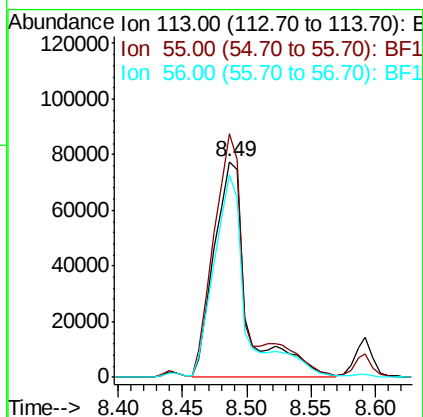
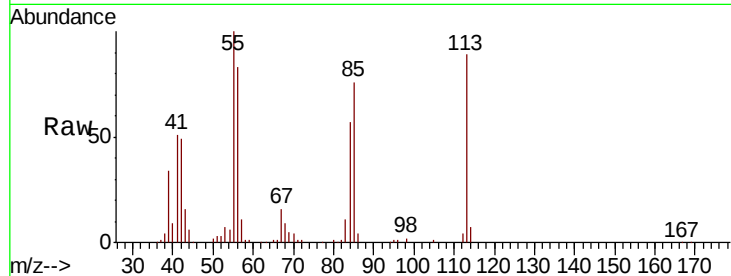
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	139183
Ion Ratio	Lower	Upper	
113	100		
55	112.8	95.7	135.7
56	93.6	73.1	113.1

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#36

4-Chloro-3-methylphenol

Concen: 40.691 ng/mL

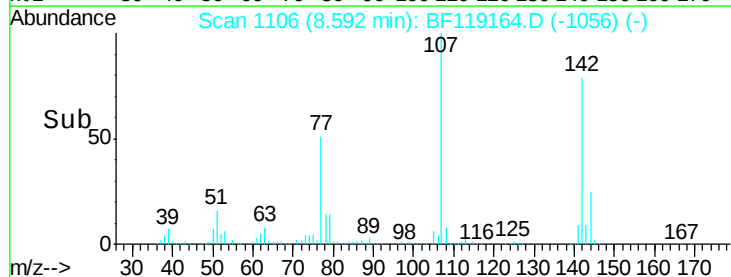
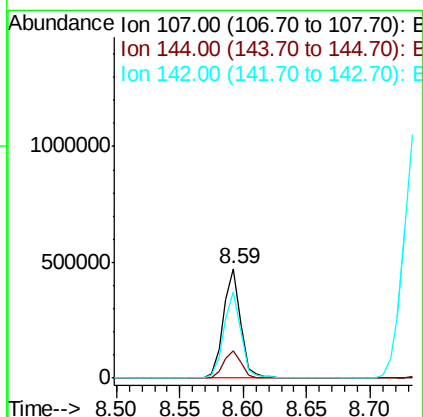
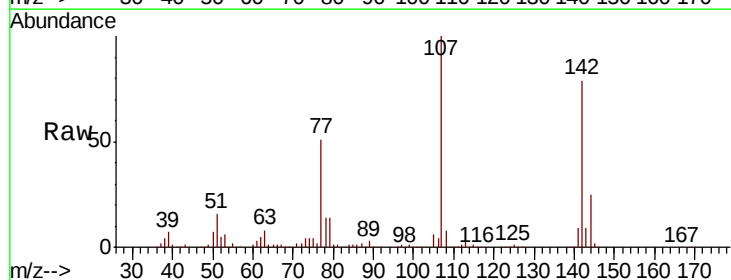
RT: 8.59 min Scan# 1106

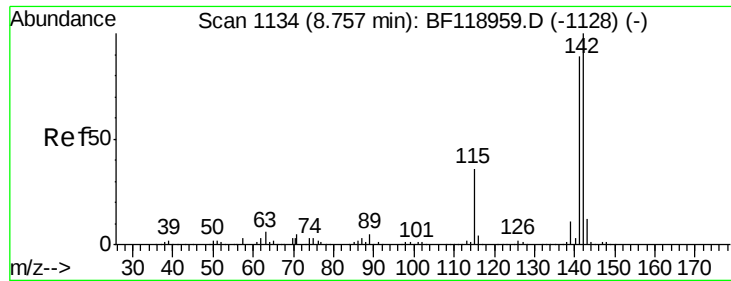
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	107	Resp:	451639
Ion Ratio	Lower	Upper	
107	100		
144	25.4	20.1	30.1
142	78.9	61.4	92.2





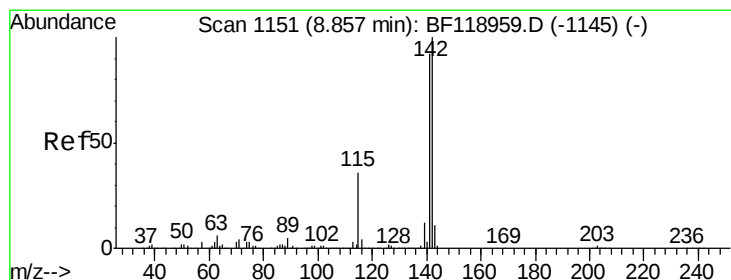
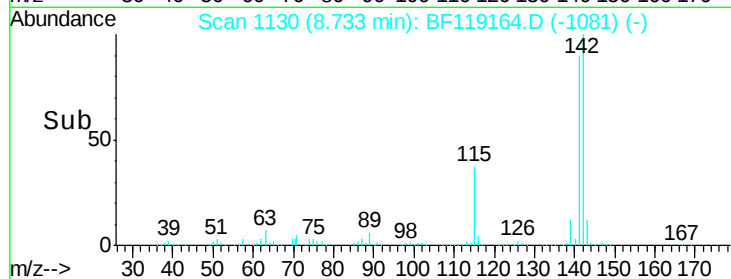
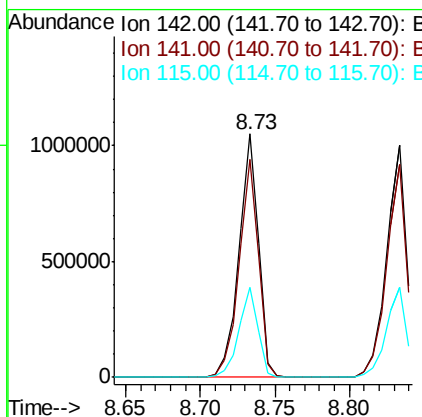
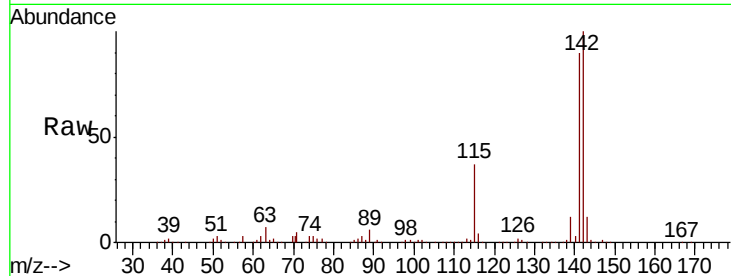
#37
2-Methylnaphthalene
Concen: 39.527 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	37.2	30.6	45.8

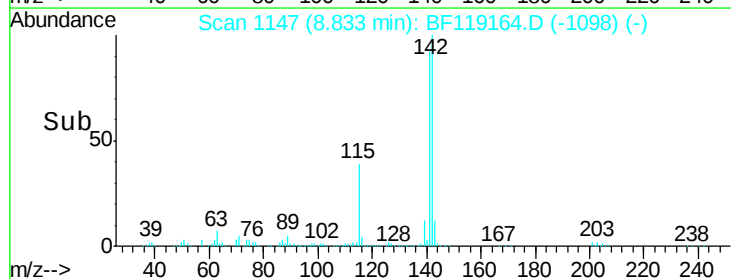
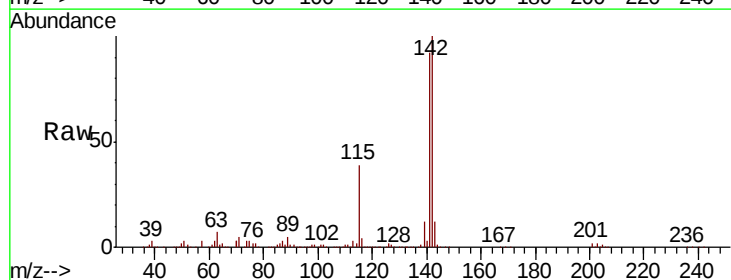
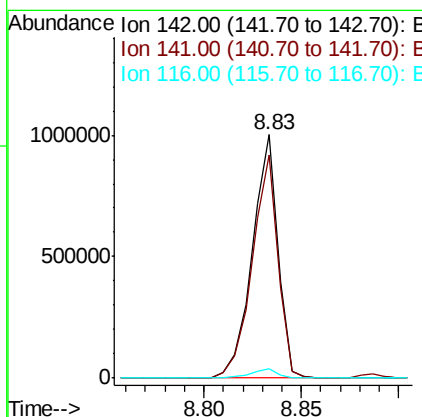
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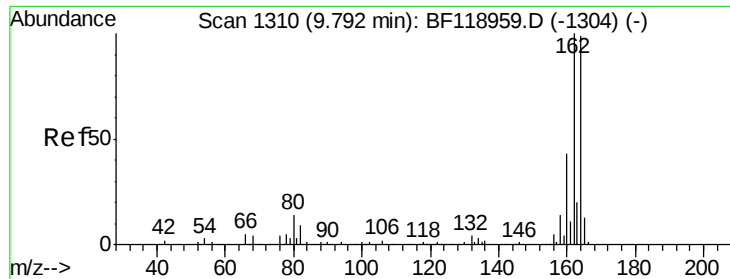
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#38
1-Methylnaphthalene
Concen: 39.987 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.6
116	4.1	3.1	4.7





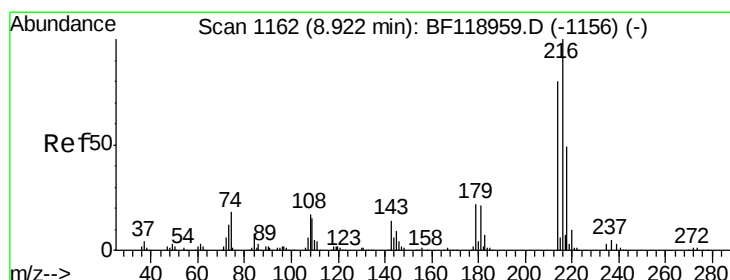
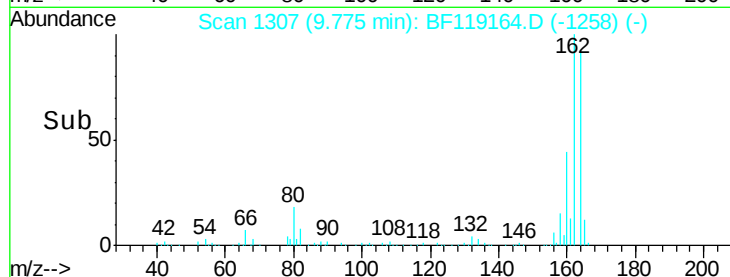
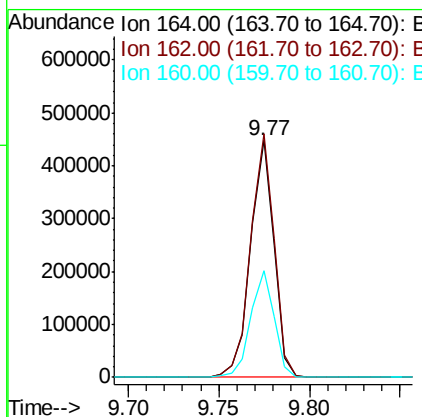
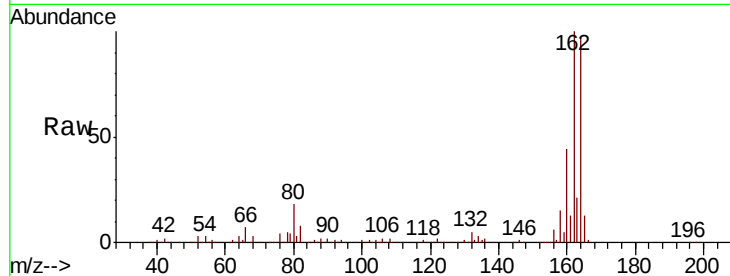
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	44.9	36.0	54.0

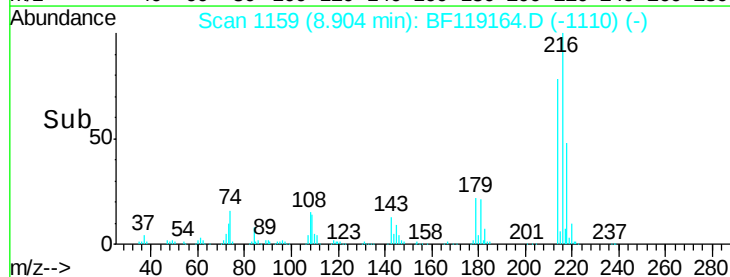
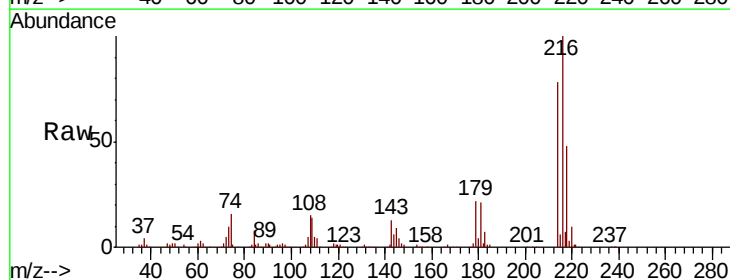
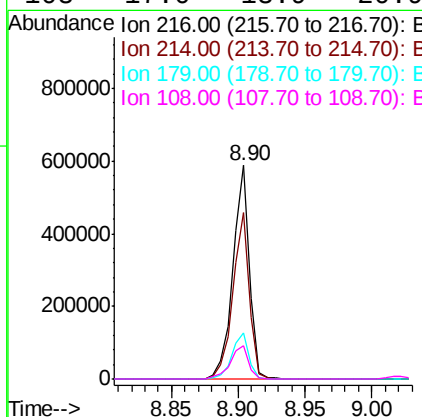
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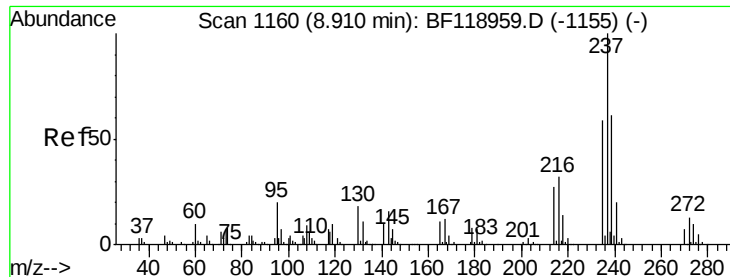
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.750 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.3	94.9
179	22.0	17.7	26.5
108	17.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 31.016 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

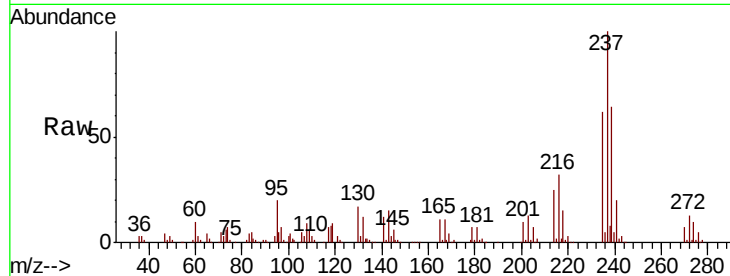
ClientSampleId :

SSTDCCC040

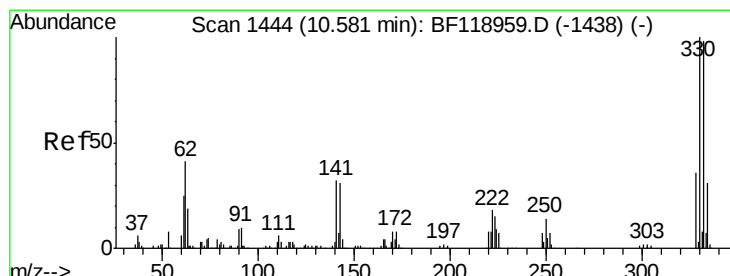
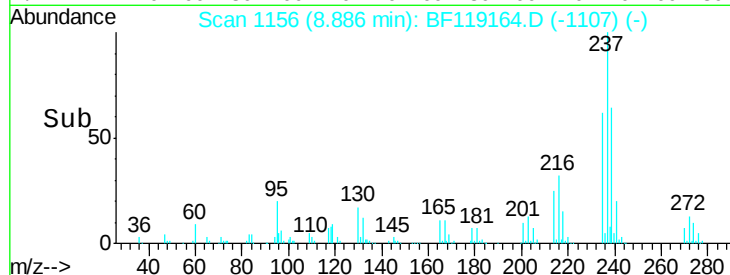
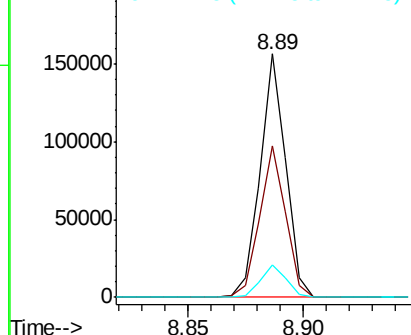
Tot Ion:	237	Resp:	121051
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.3	82.3
272	13.3	0.0	33.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.328 ng

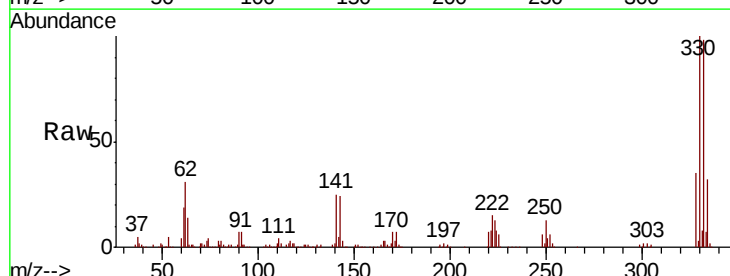
RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

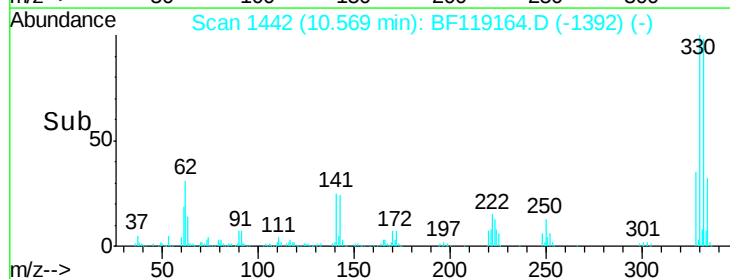
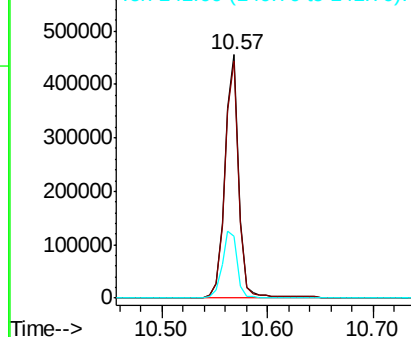
Lab File: BF119164.D

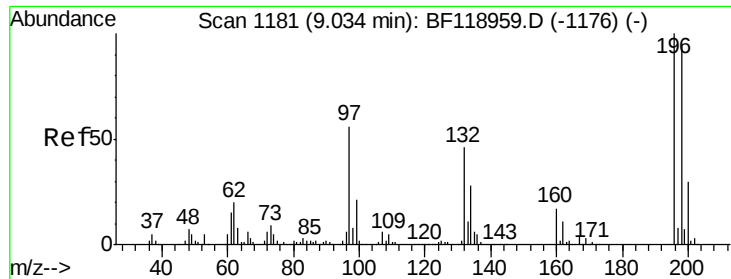
Acq: 2 Mar 2020 9:41

Tgt Ion:	330	Resp:	423085
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.0	114.0
141	30.1	22.9	34.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





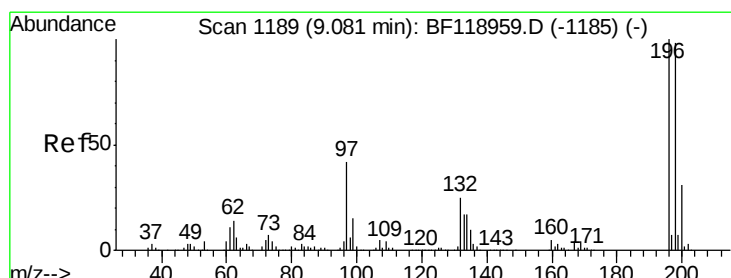
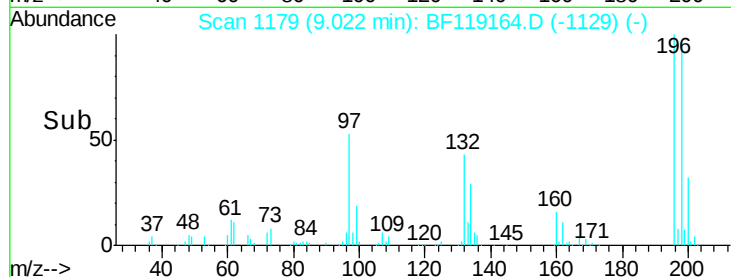
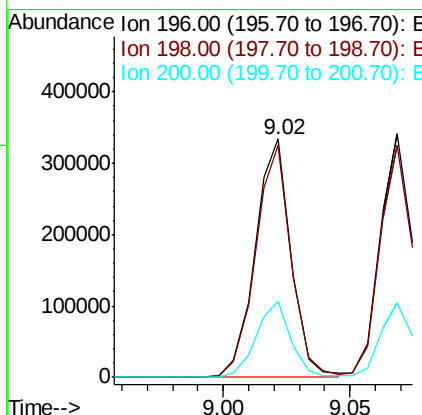
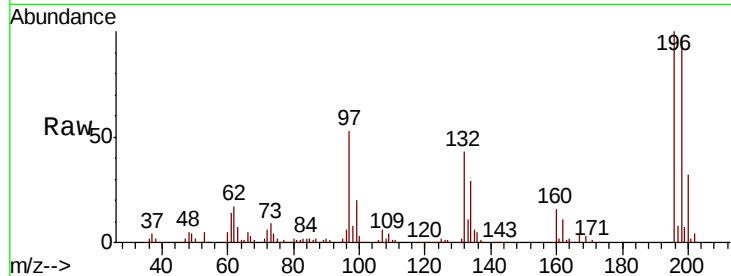
#43
 2,4,6-Trichlorophenol
 Concen: 38.111 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	326699
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.1	115.7
200	31.6	25.0	37.6

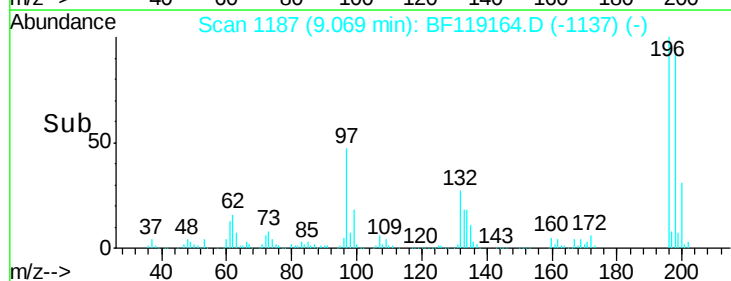
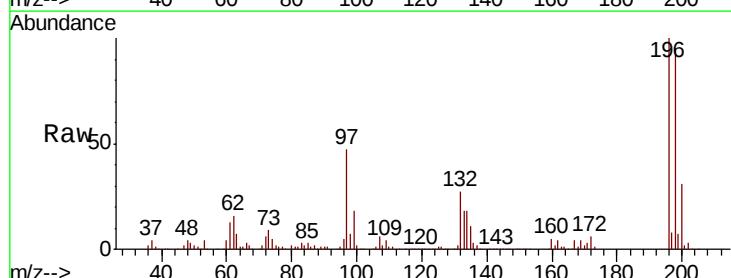
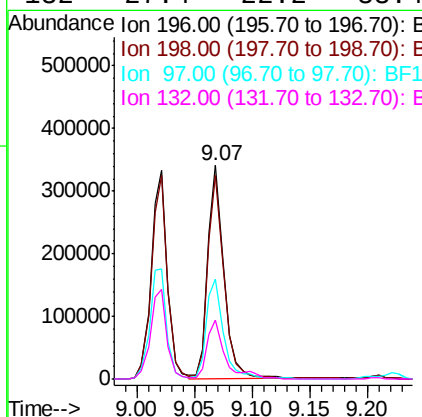
Manual Integrations
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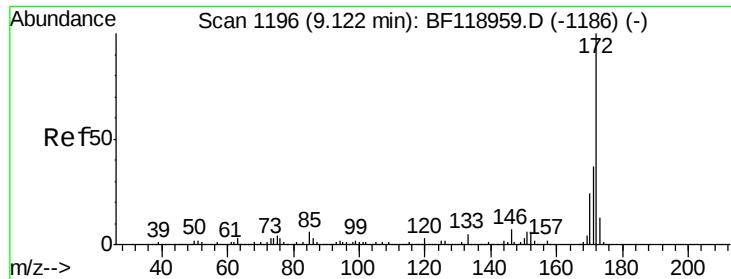
mohammad
 3/3/2020 12:25:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.261 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion:	196	Resp:	335177
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.8	115.2
97	46.7	38.5	57.7
132	27.4	22.2	33.4





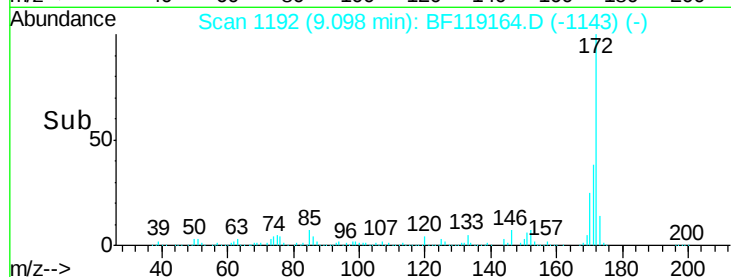
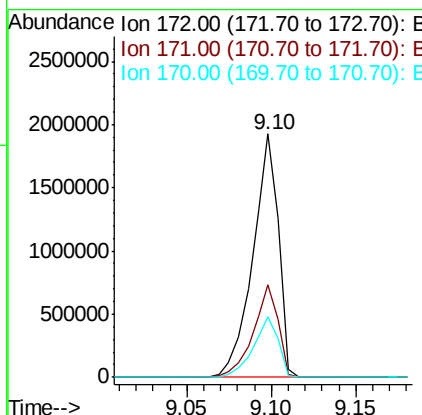
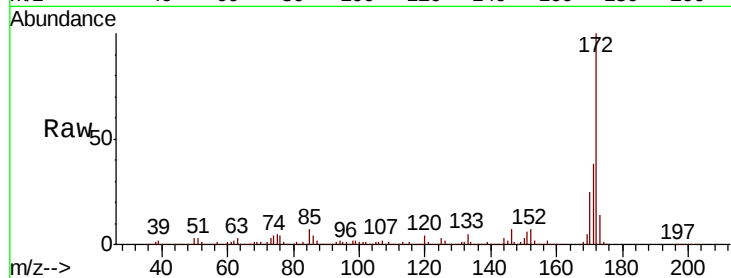
#45
2-Fluorobiphenyl
Concen: 74.249 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	45.8
170	24.7	20.2	30.2

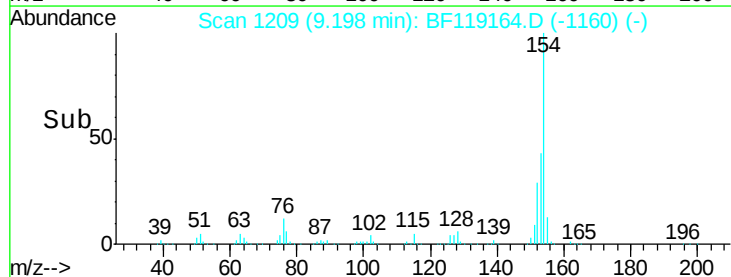
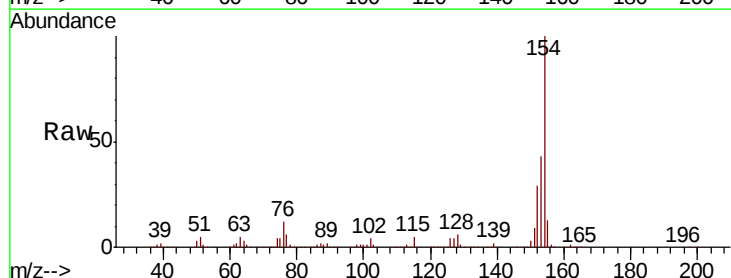
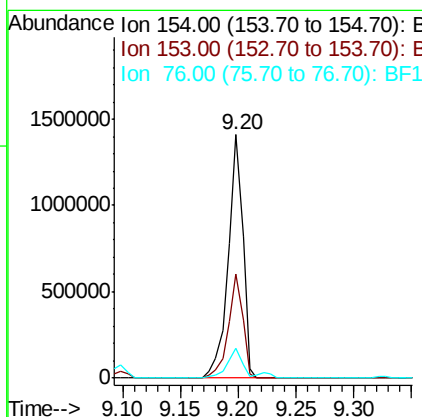
Manual Integrations
APPROVED

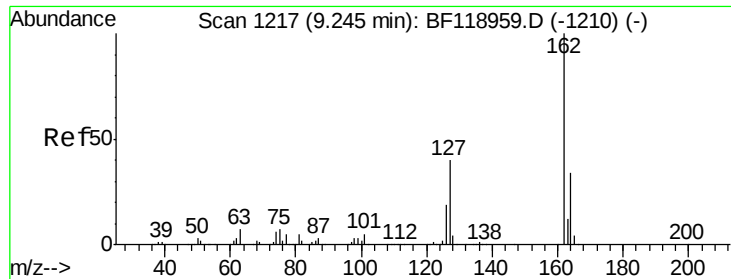
mohammad
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#46
1,1'-Biphenyl
Concen: 38.136 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.8	62.8
76	12.2	0.0	32.2





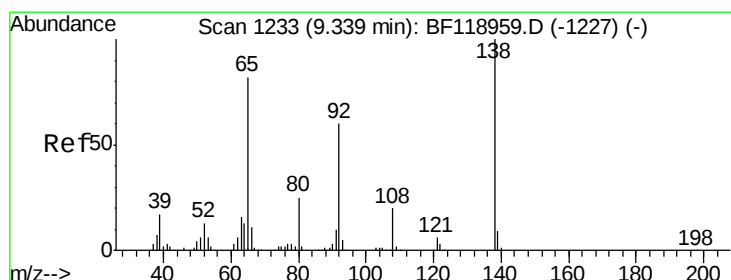
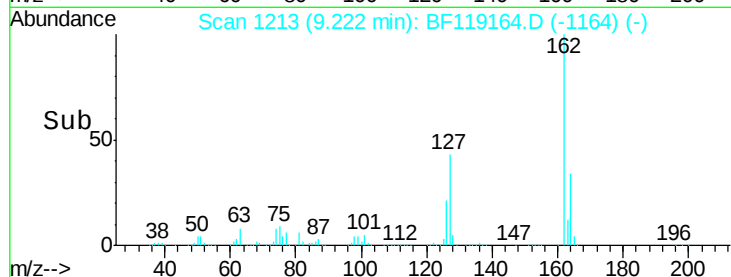
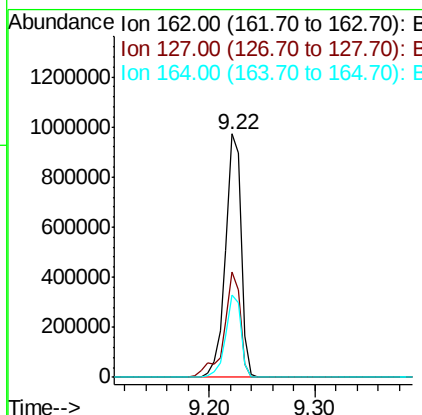
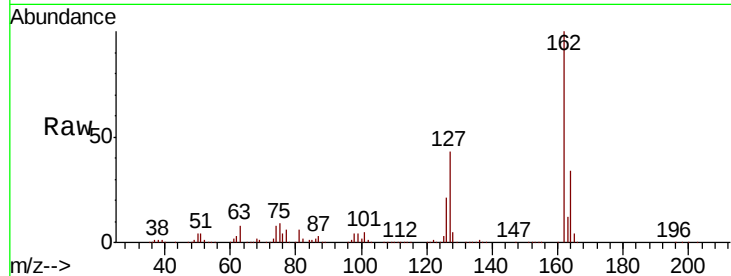
#47
2-Chloronaphthalene
Concen: 38.024 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	997095		
127	43.3	35.0	52.4	
164	33.7	27.2	40.8	

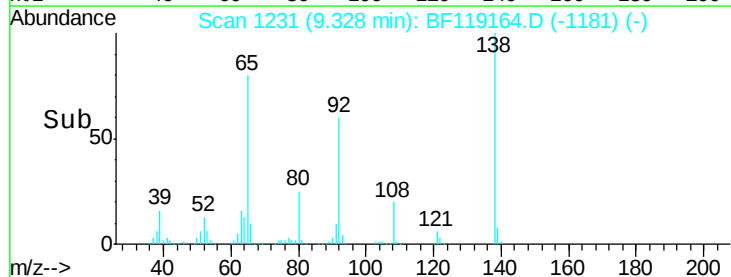
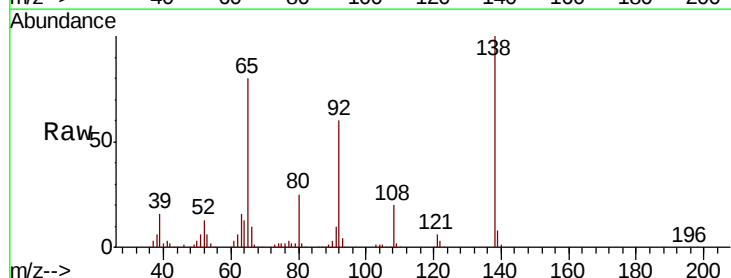
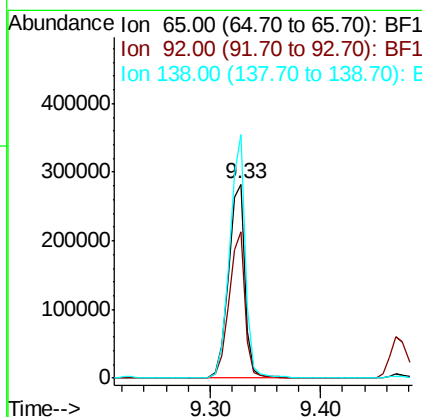
Manual Integrations
APPROVED

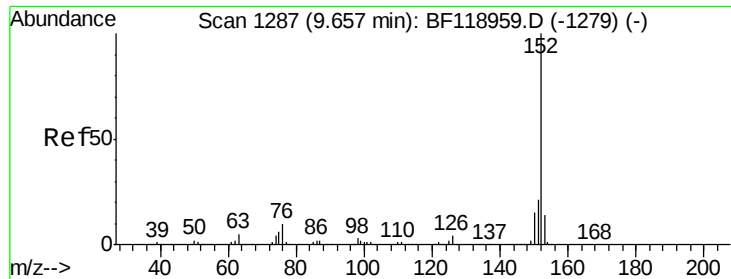
mohammad
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#48
2-Nitroaniline
Concen: 40.727 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297871		
92	75.4	58.2	87.2	
138	125.4	95.6	143.4	





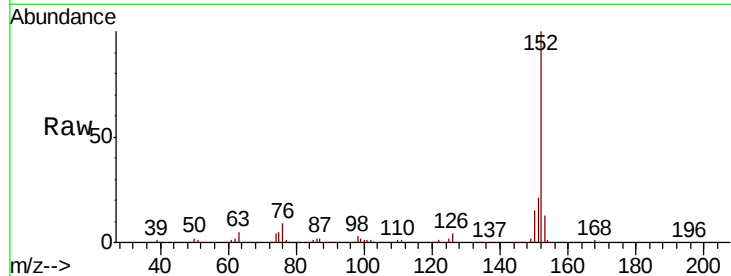
#49
Acenaphthylene
Concen: 37.783 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.9	16.9	25.3	
153	13.3	11.0	16.6	

Manual Integrations
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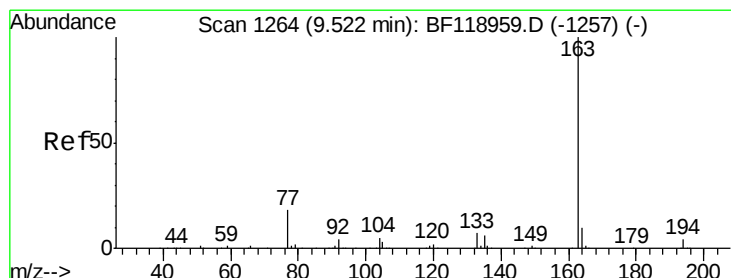
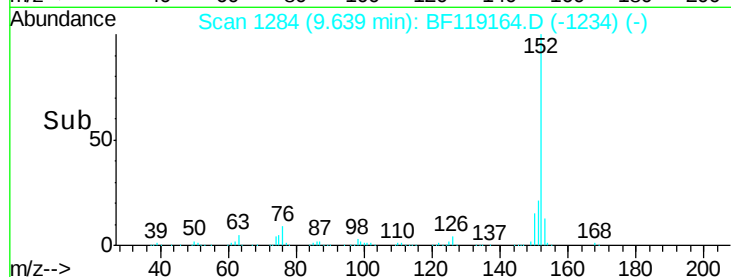
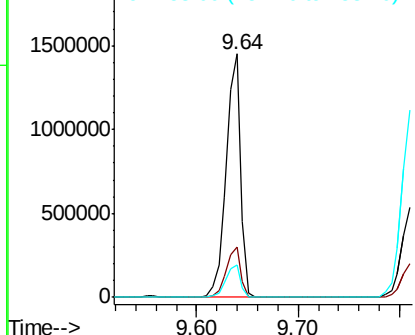


Abundance

Ion 152.00 (151.70 to 152.70): E

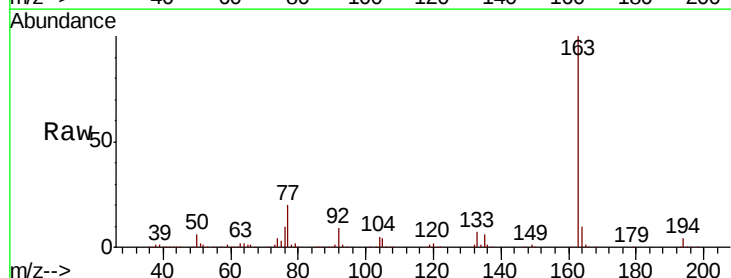
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 40.343 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.2	3.5	5.3	
164	10.2	8.4	12.6	

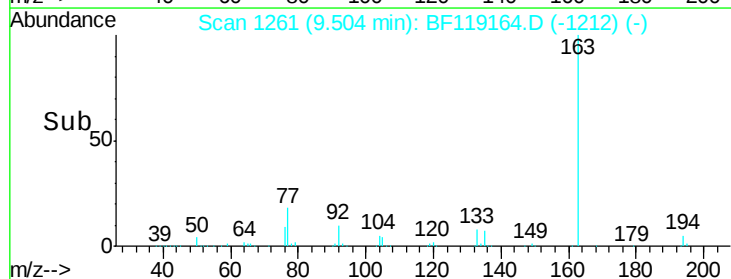
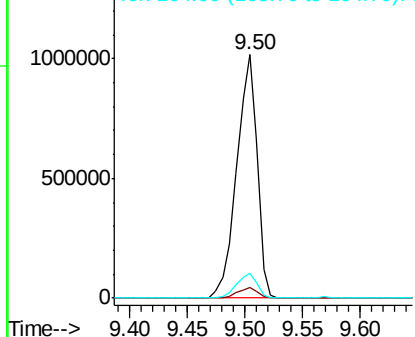


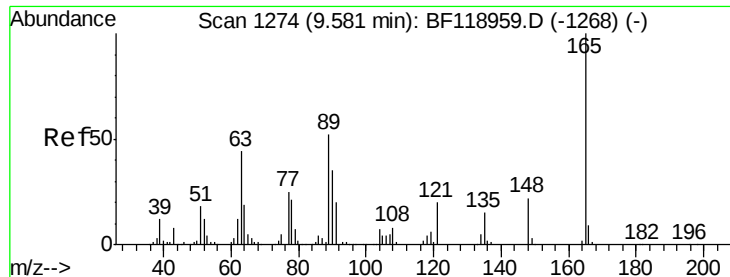
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





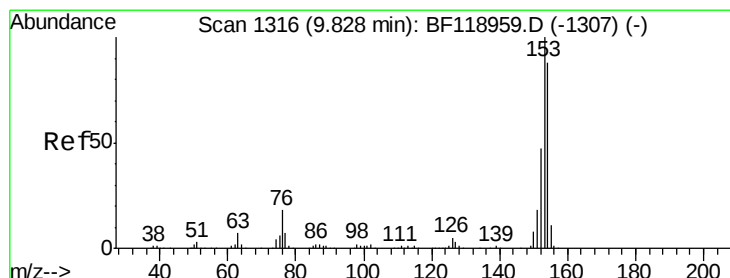
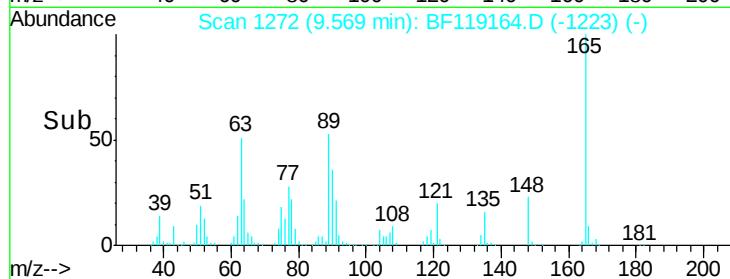
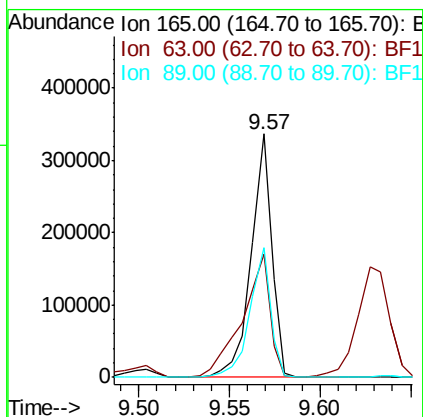
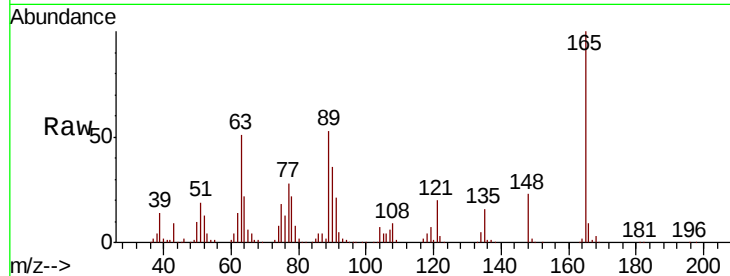
#51
 2,6-Dinitrotoluene
 Concen: 39.202 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.9	34.3	51.5
89	53.4	38.3	57.5

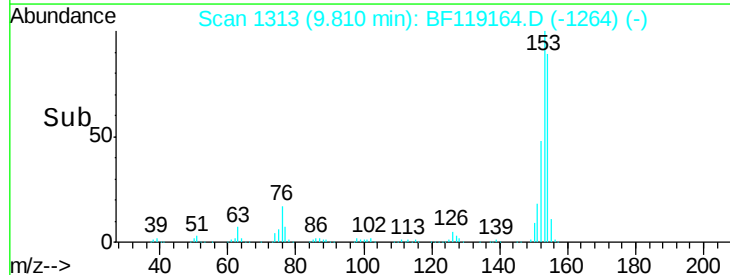
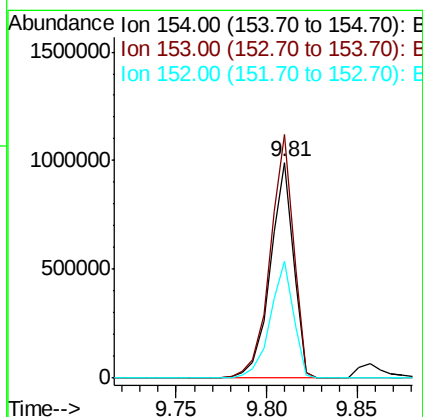
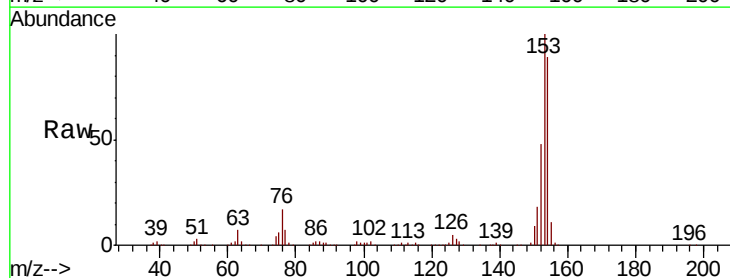
Manual Integrations
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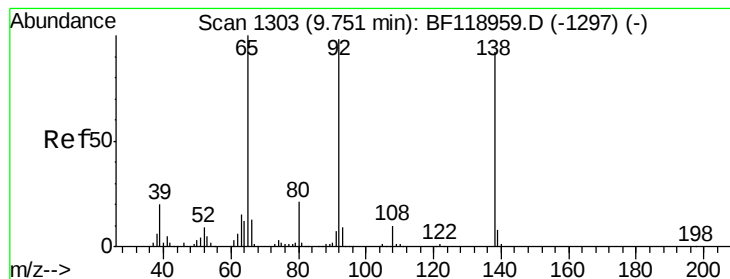
mohammad
 3/3/2020 12:25:47 PM



#52
 Acenaphthene
 Concen: 38.547 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.9	90.3	135.5
152	54.1	43.8	65.8





#53

3-Nitroaniline

Concen: 38.595 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

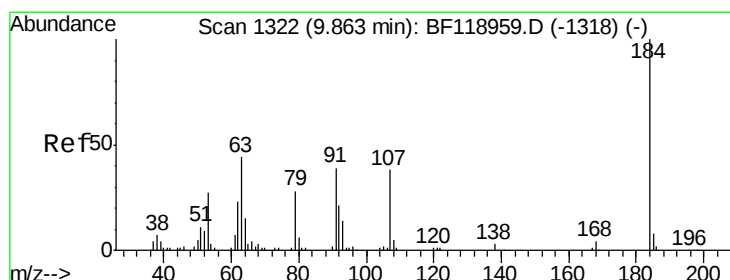
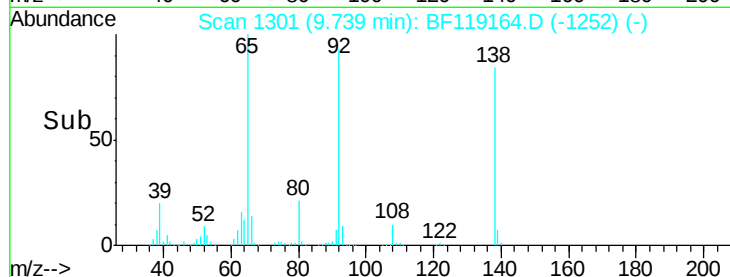
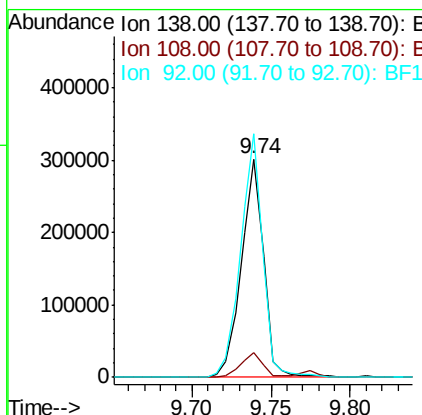
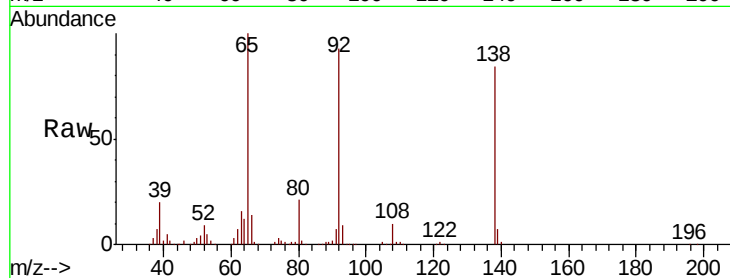
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	292674
Ion Ratio	Lower	Upper	
138	100		
108	11.6	8.8	13.2
92	111.5	84.8	127.2

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 39.429 ng

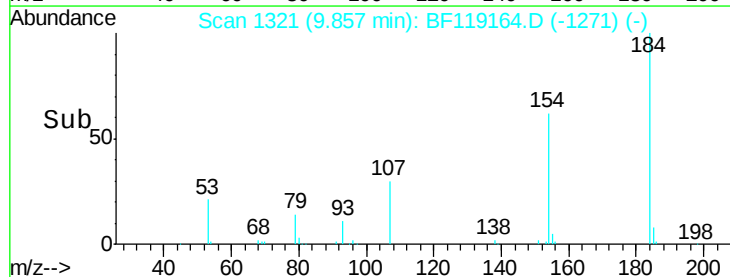
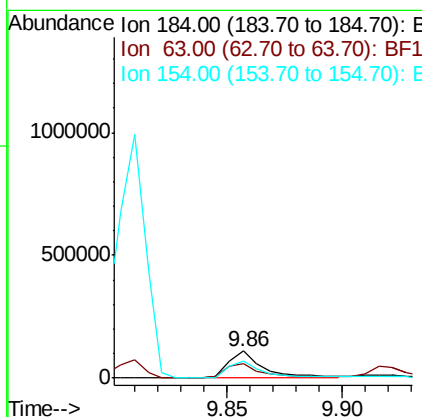
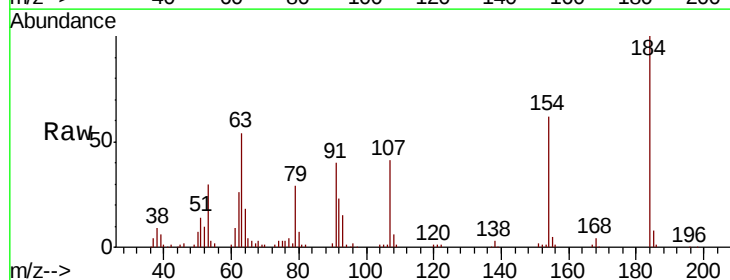
RT: 9.86 min Scan# 1321

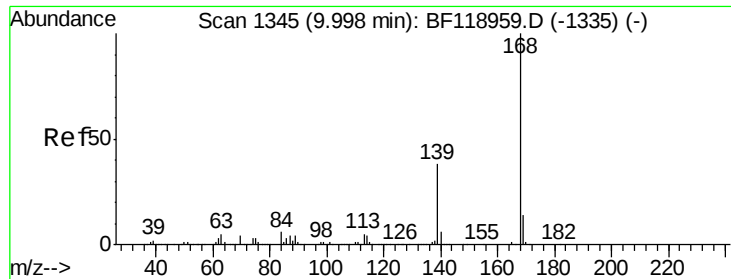
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	184	Resp:	117177
Ion Ratio	Lower	Upper	
184	100		
63	53.8	38.7	58.1
154	62.2	49.7	74.5





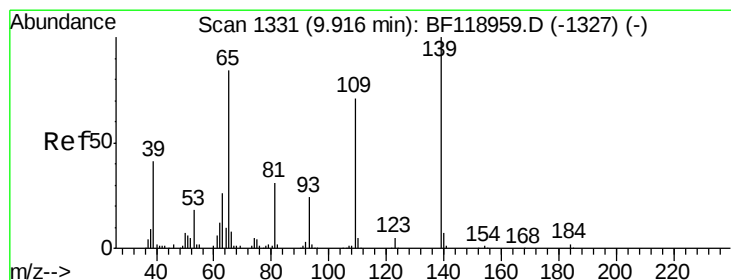
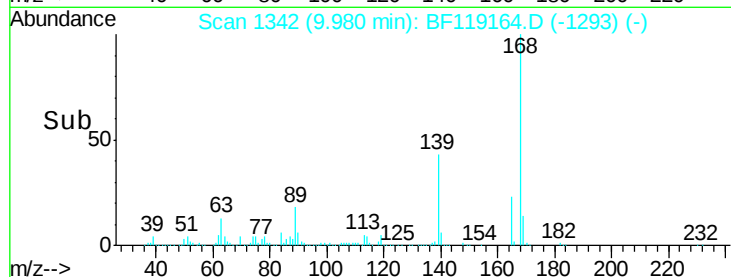
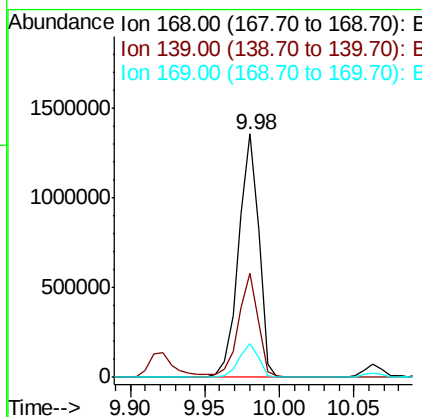
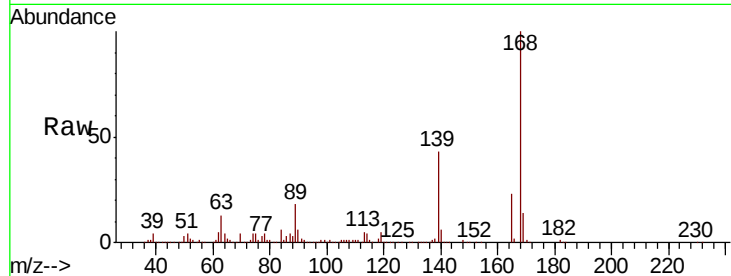
#55
Dibenzo(furan)
Concen: 37.600 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	34.0	51.0
169	13.6	11.0	16.4

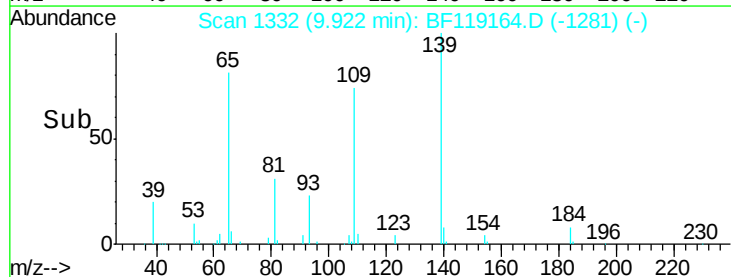
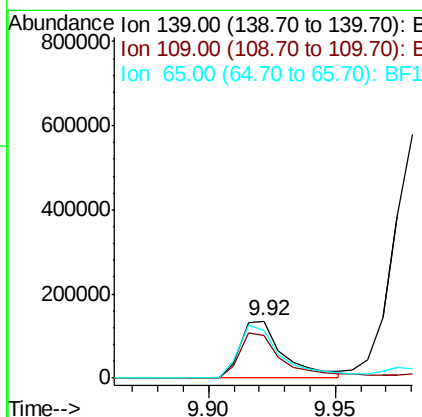
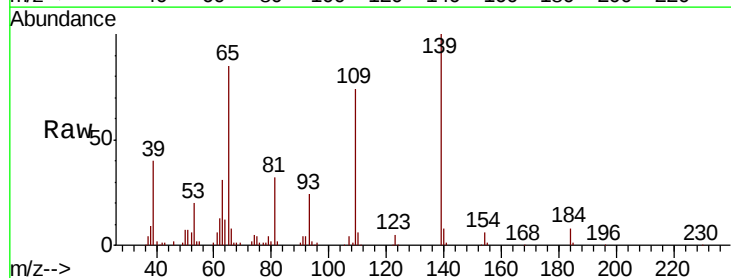
Manual Integrations
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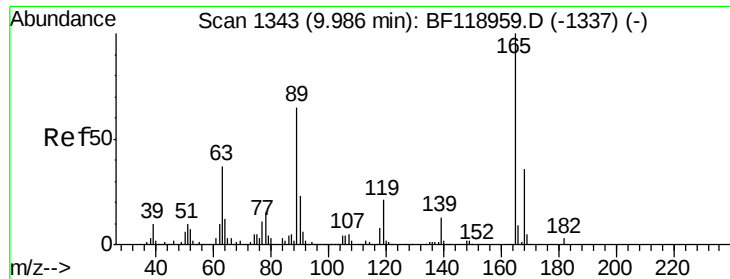
mohammad
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#56
4-Nitrophenol
Concen: 35.886 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	56.7	96.7
65	84.5	65.0	105.0





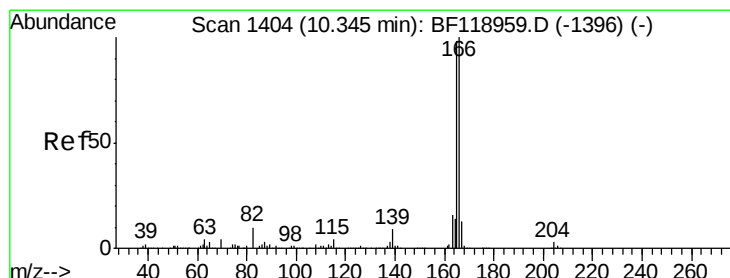
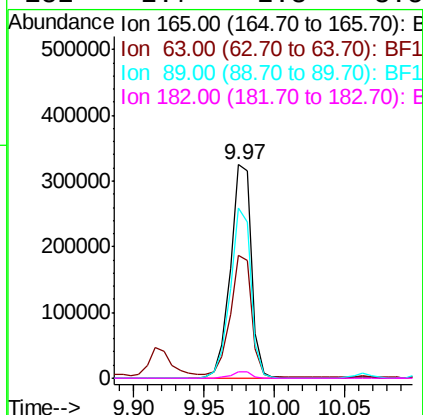
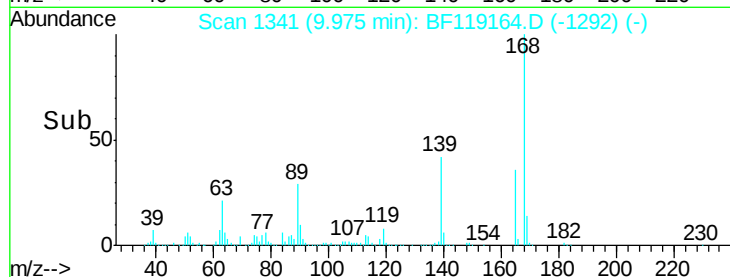
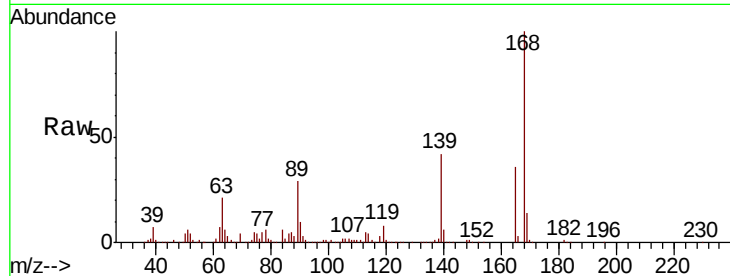
#57
2,4-Dinitrotoluene
Concen: 38.052 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	337372		
63	57.6	42.3	63.5	
89	79.7	60.2	90.4	
182	2.7	2.3	3.5	

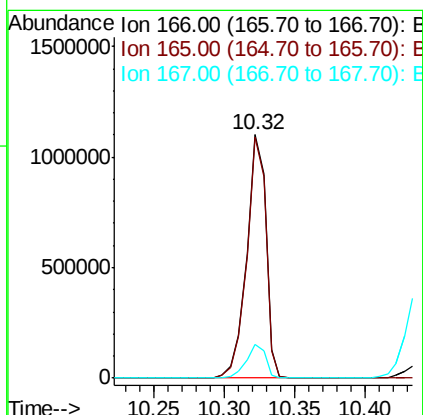
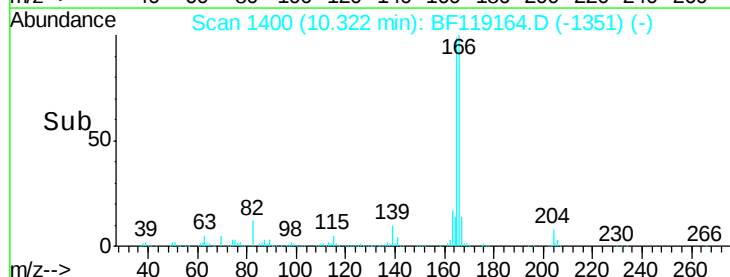
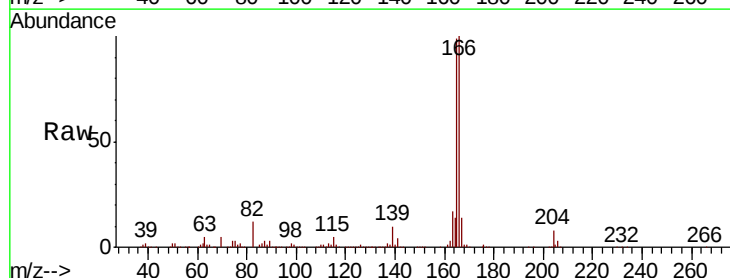
Manual Integrations
APPROVED

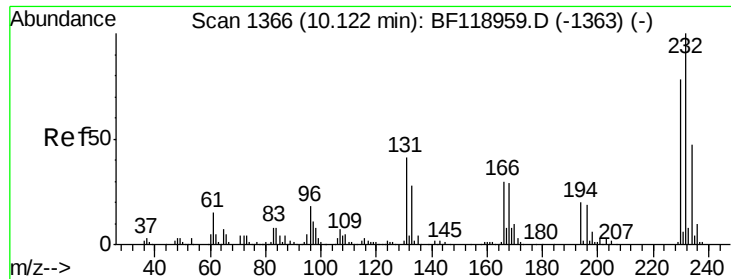
mohammad
3/3/2020 12:25:47 PM



#58
Fluorene
Concen: 39.928 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1057569		
165	99.2	78.5	117.7	
167	13.9	11.0	16.4	





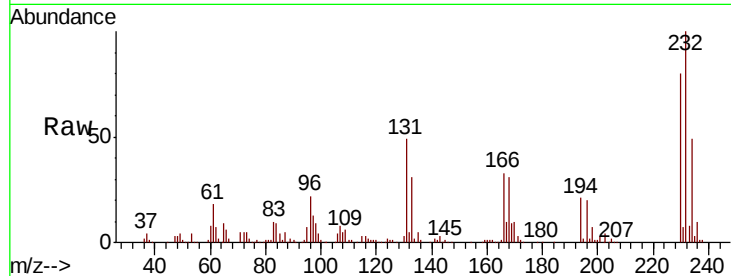
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.273 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

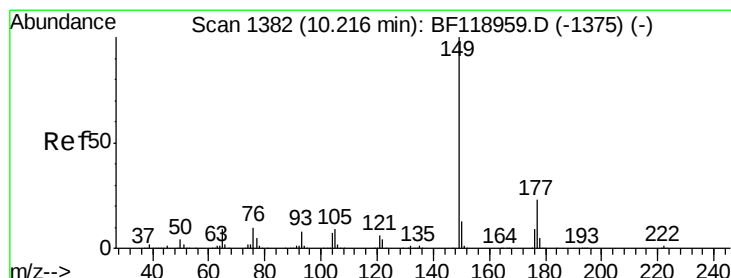
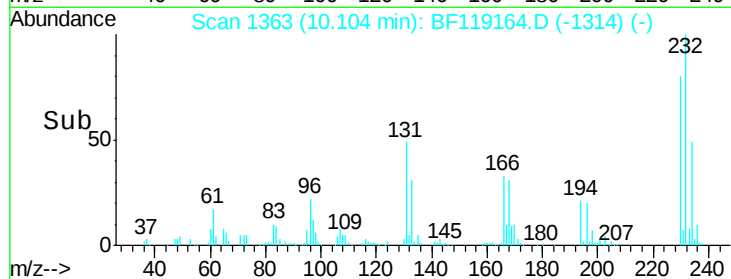
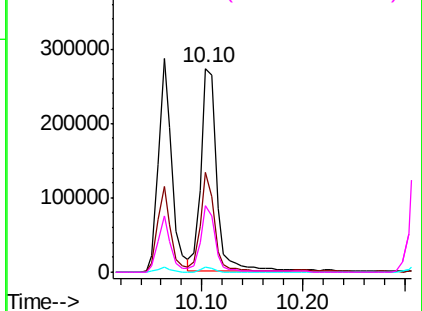
Tot Ion	Ratio	Resp	Lower	Upper
232	100	298096		
131	44.0		33.8	50.8
130	2.4		1.8	2.6
166	29.5		23.0	34.4

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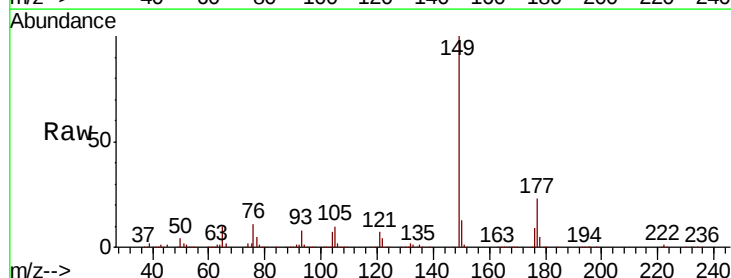


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

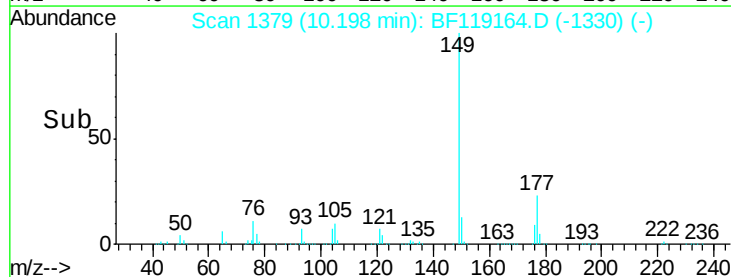
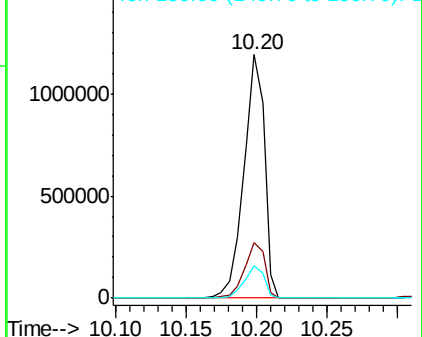


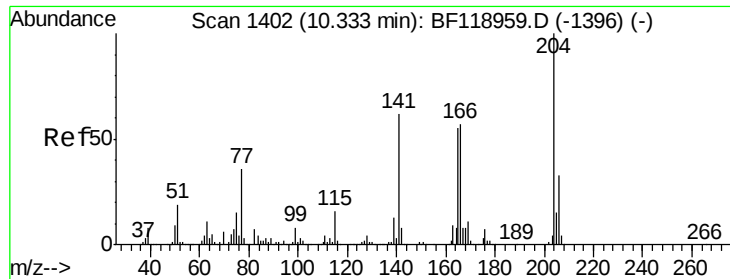
#60
Diethylphthalate
Concen: 41.785 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1212335		
177	22.7		18.2	27.2
150	13.1		10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





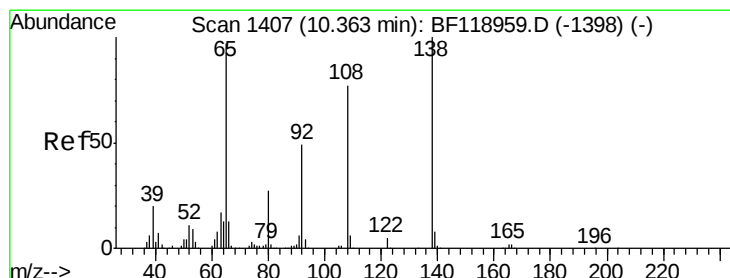
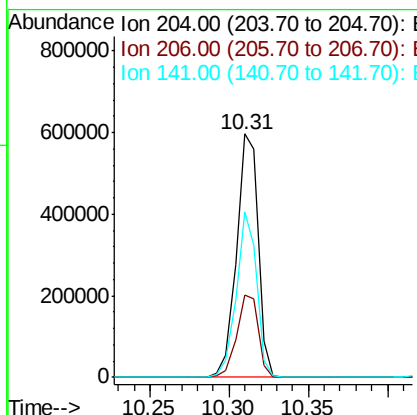
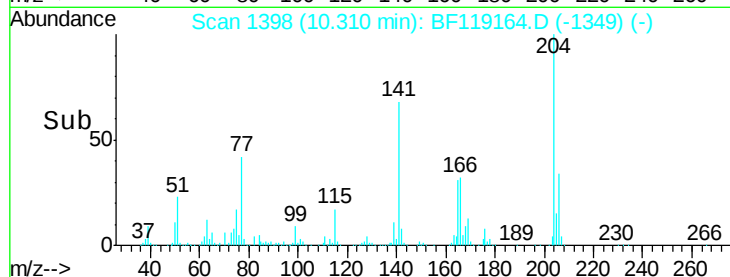
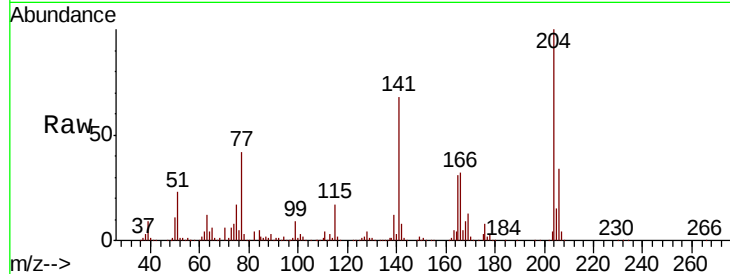
#61
 4-Chlorophenyl-phenylether
 Concen: 40.298 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	564971
Ion Ratio		Lower	Upper
204	100		
206	33.9	27.1	40.7
141	67.8	52.9	79.3

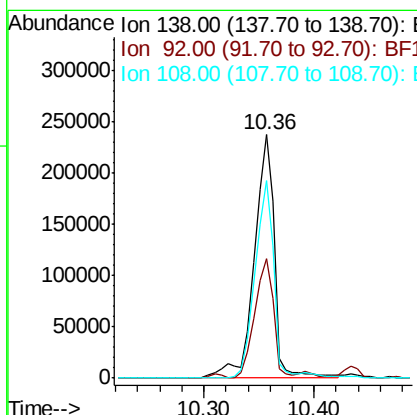
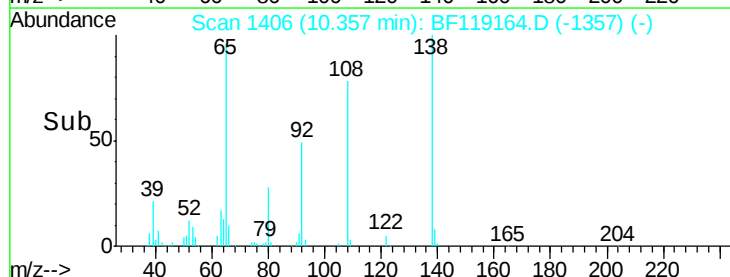
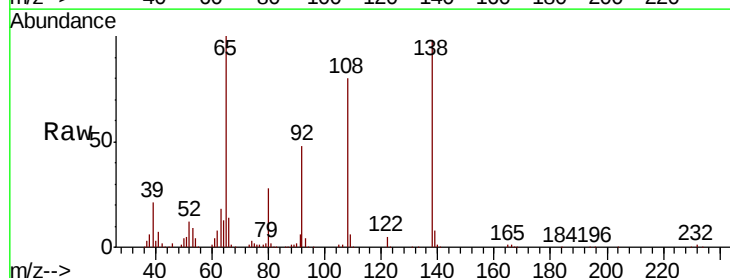
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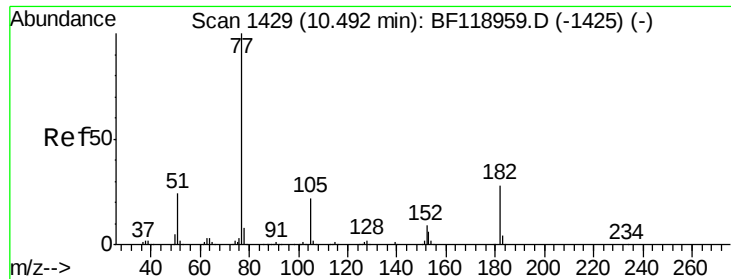
mohammad
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#62
 4-Nitroaniline
 Concen: 39.209 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion:	138	Resp:	304202
Ion Ratio		Lower	Upper
138	100		
92	48.9	27.3	67.3
108	81.1	57.0	97.0





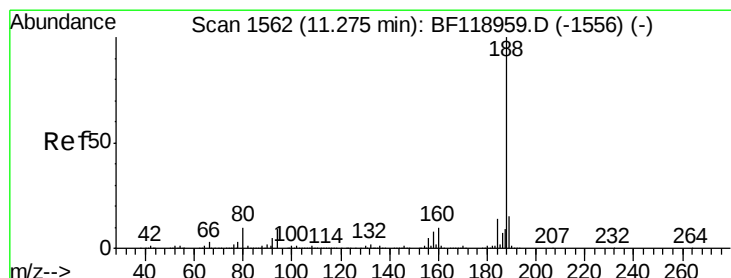
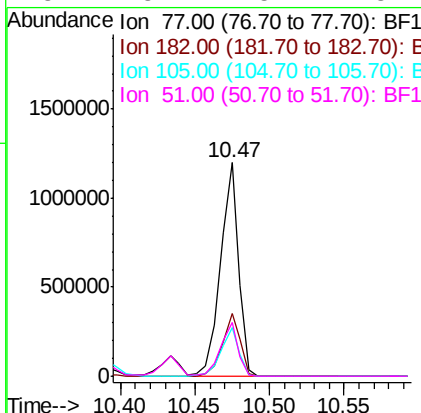
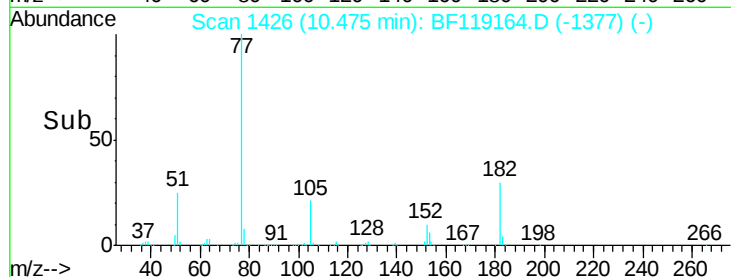
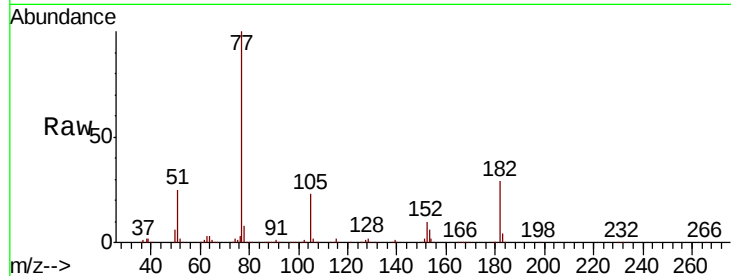
#63
Azobenzene
Concen: 40.741 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	1027460
Ion	Ratio	Lower	Upper
77	100		
182	29.5	11.4	51.4
105	22.6	3.4	43.4
51	25.2	5.1	45.1

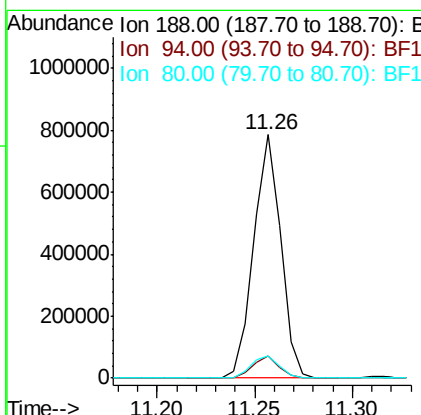
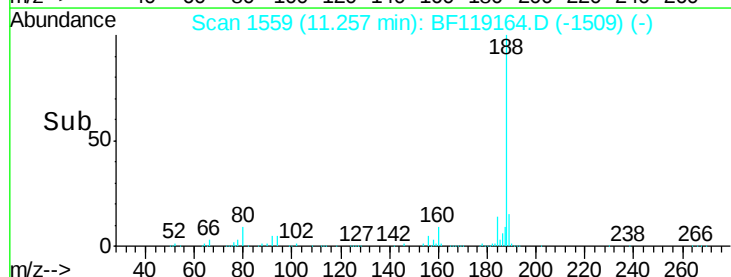
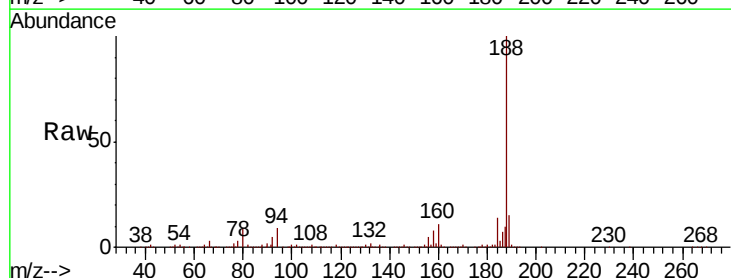
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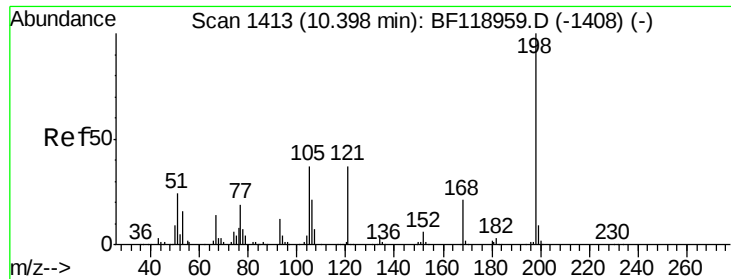
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:	188	Resp:	758371
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.1	7.8	11.8





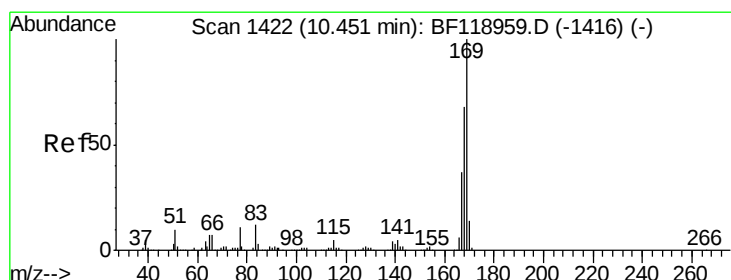
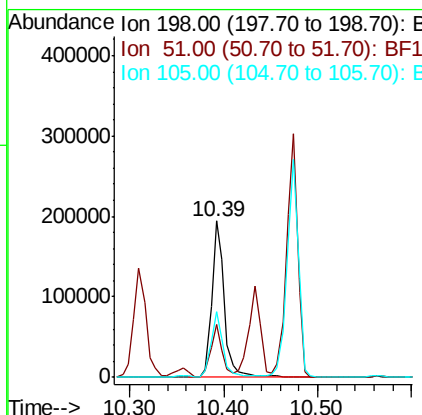
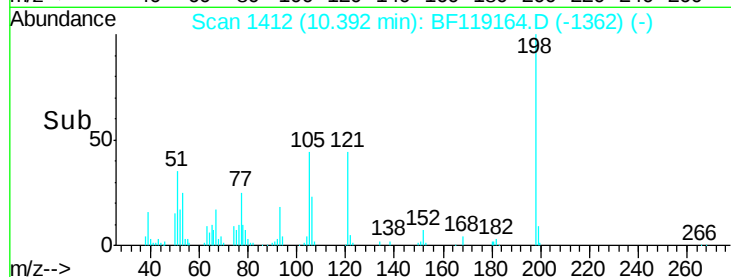
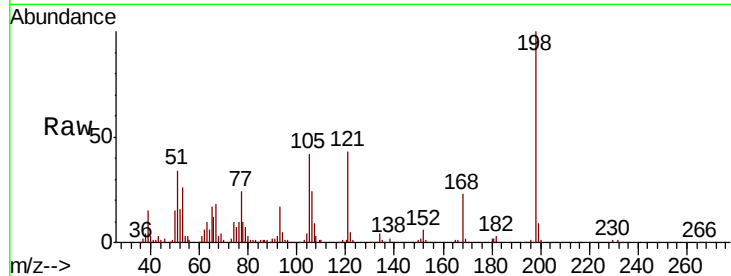
#65
4,6-Dinitro-2-methylphenol
Concen: 40.769 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	187089		
51	33.9	14.2	54.2	
105	41.9	22.7	62.7	

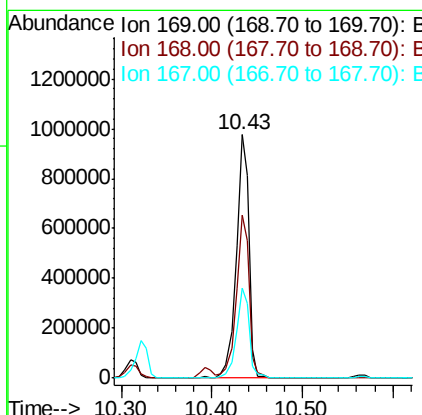
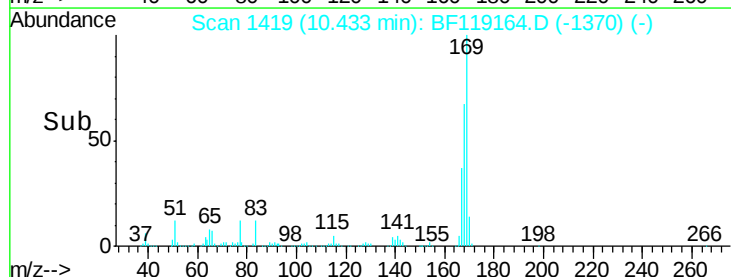
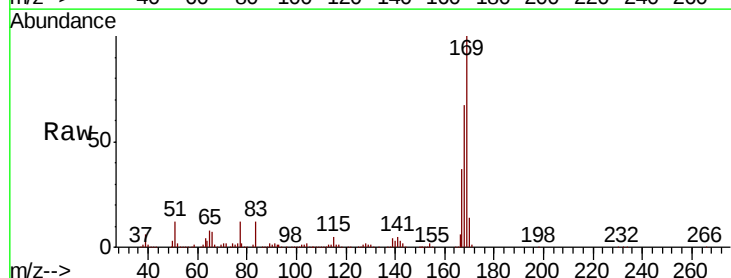
Manual Integrations
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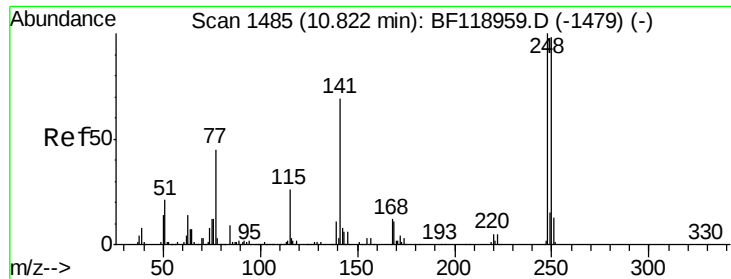
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.889 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	965685		
168	67.0	54.1	81.1	
167	36.9	29.4	44.0	





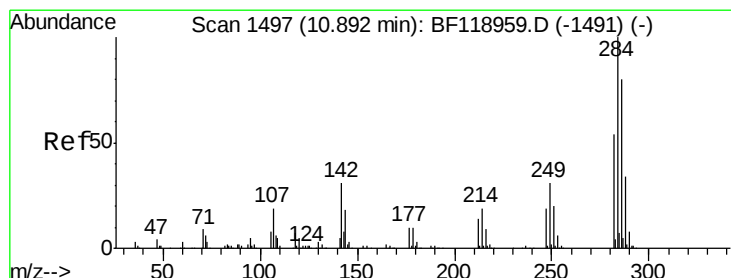
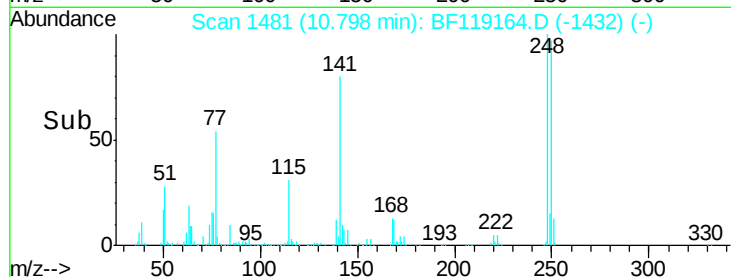
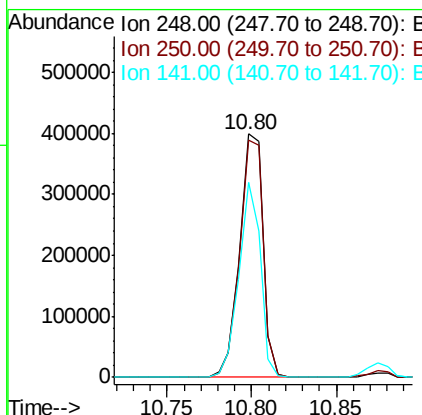
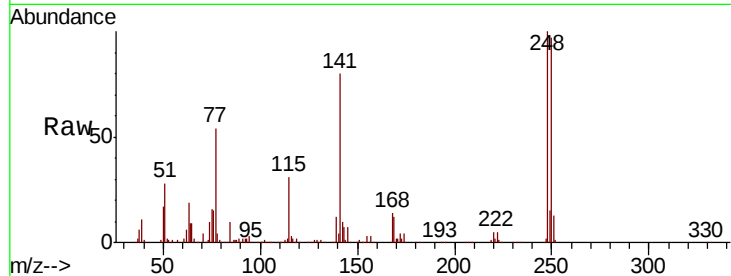
#67
4-Bromophenyl-phenylether
Concen: 38.967 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.7	115.1
141	79.8	60.7	91.1

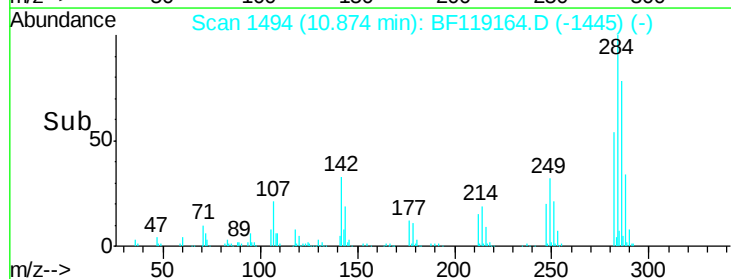
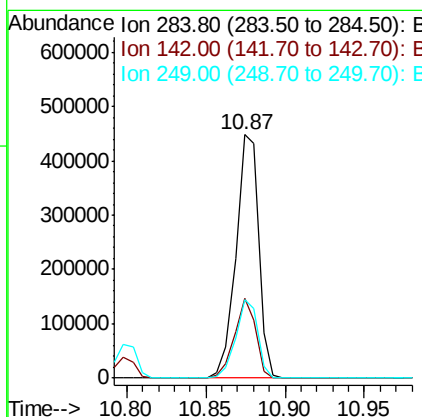
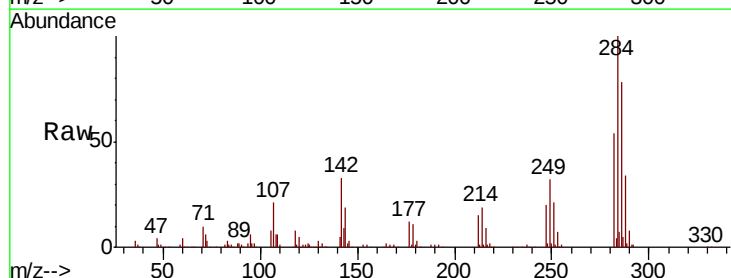
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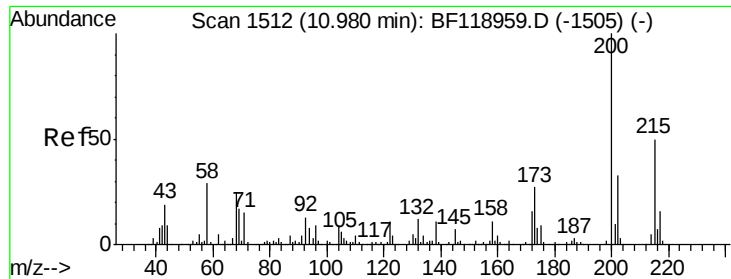
mohammad
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#68
Hexachlorobenzene
Concen: 39.052 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	23.7	35.5
249	32.0	25.0	37.6





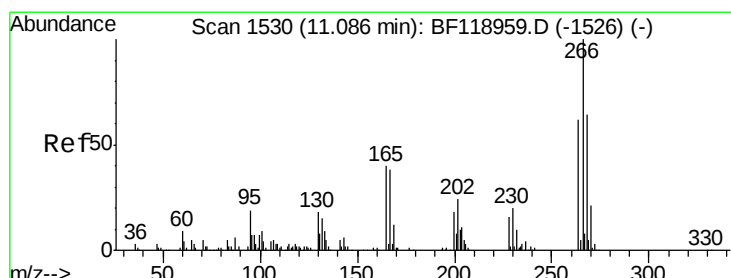
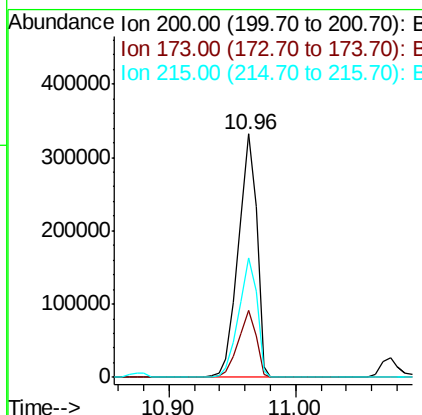
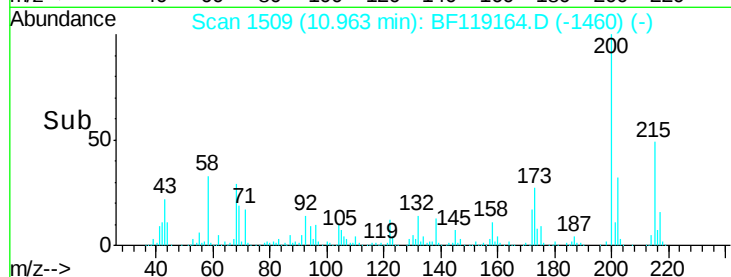
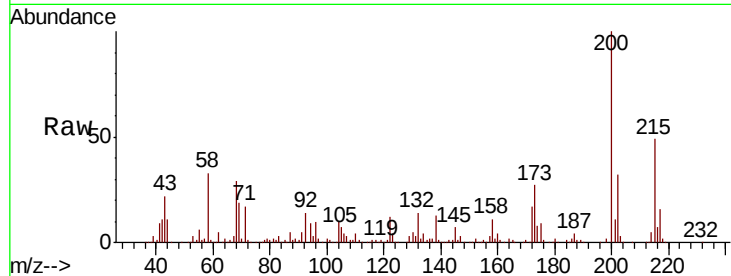
#69
Atrazine
Concen: 38.230 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	331687		
173	27.4	6.4	46.4	
215	48.9	27.4	67.4	

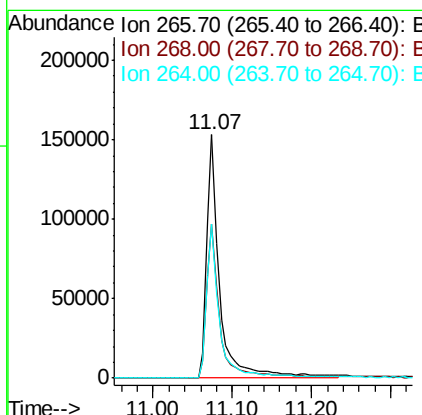
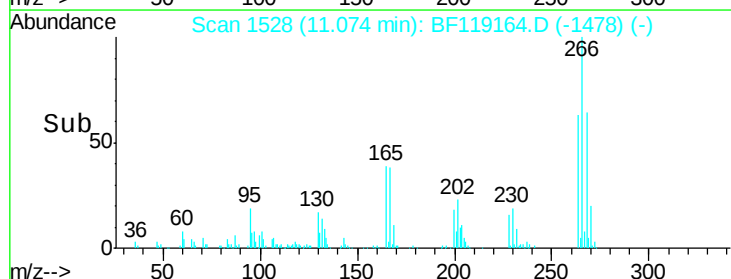
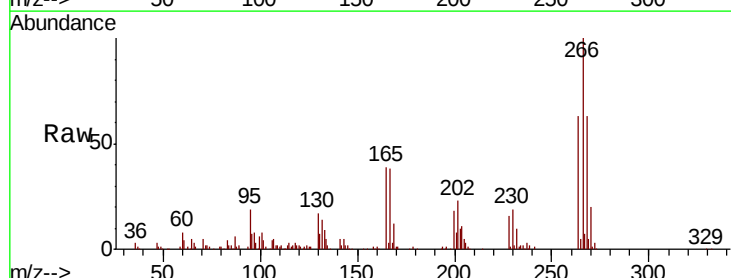
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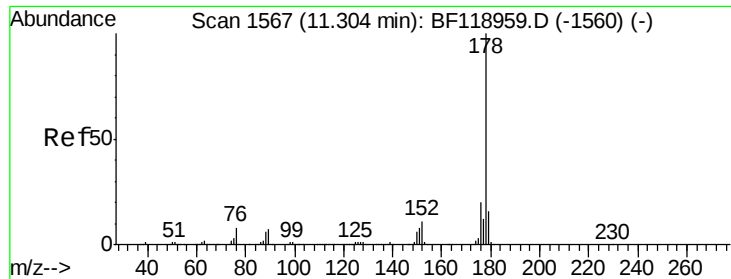
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#70
Pentachlorophenol
Concen: 38.935 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	179251		
268	63.4	51.9	77.9	
264	63.3	51.0	76.4	





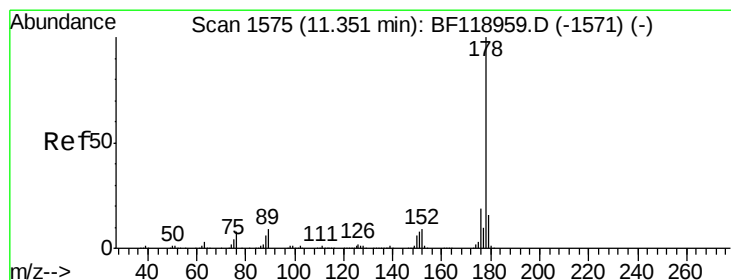
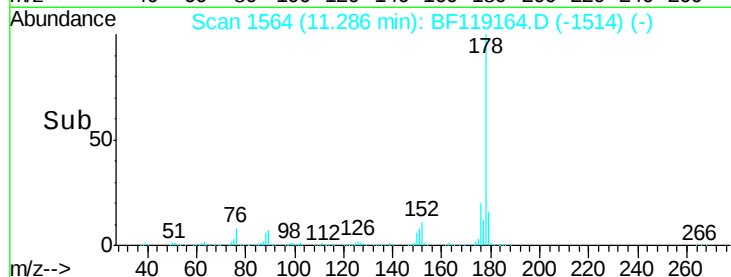
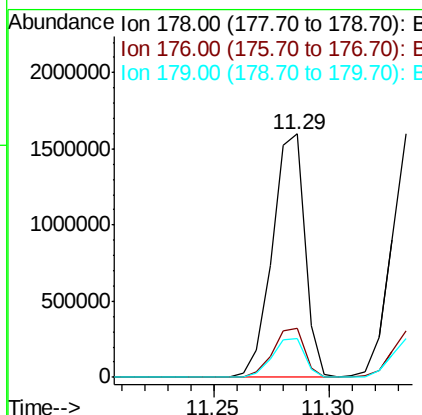
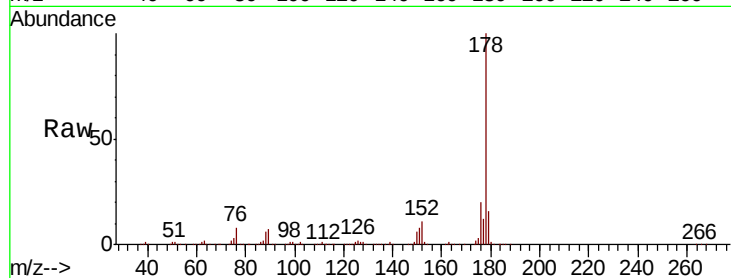
#71
Phenanthrene
Concen: 37.844 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1565131
Ion Ratio Lower Upper
178 100
176 20.3 16.5 24.7
179 15.8 13.0 19.6

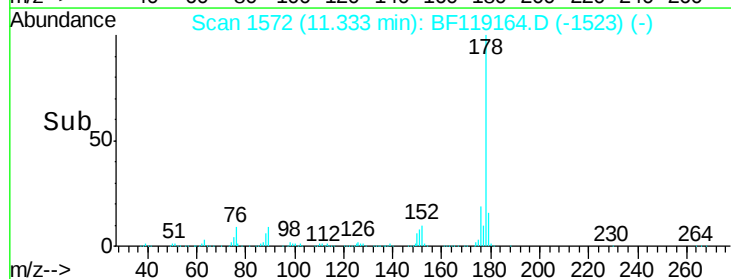
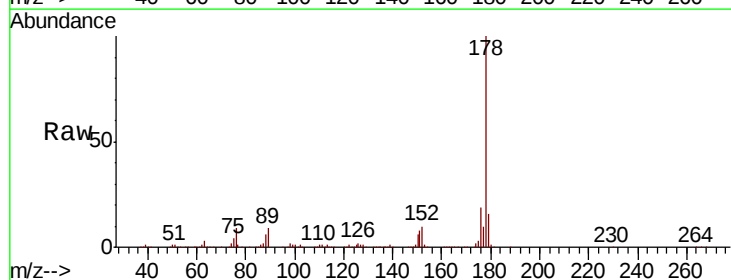
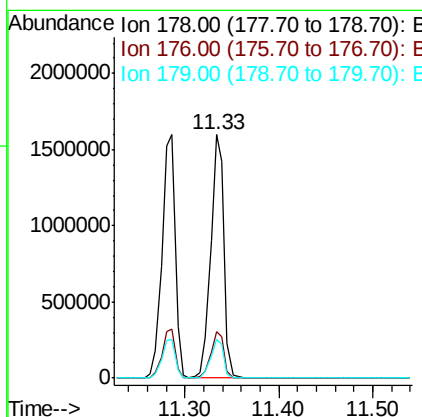
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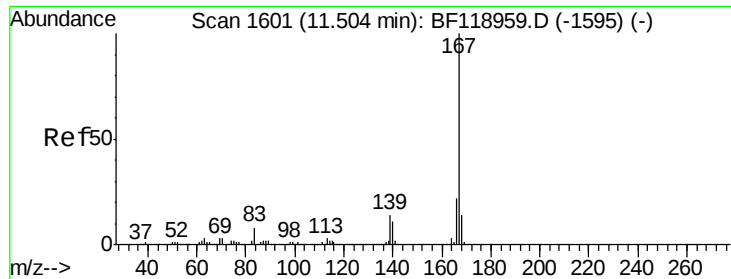
mohammad
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#72
Anthracene
Concen: 38.685 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:178 Resp: 1598602
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.1 13.1 19.7





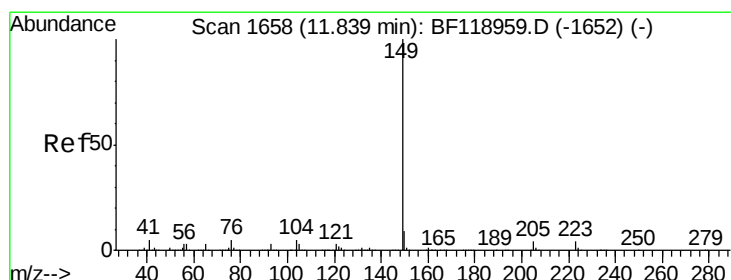
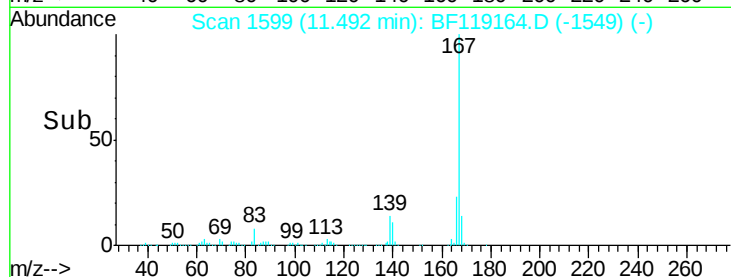
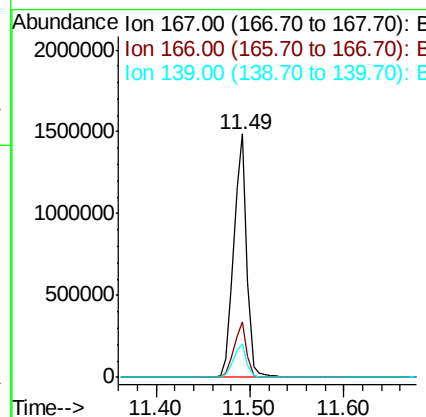
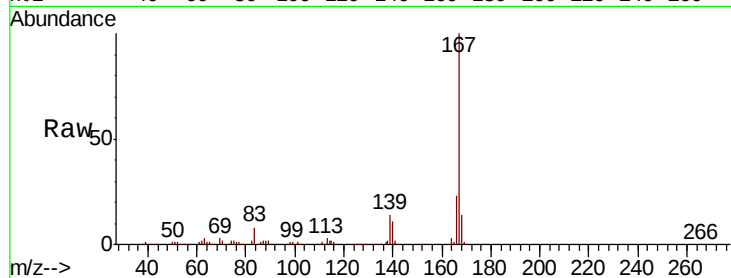
#73
 Carbazole
 Concen: 38.646 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.0	11.7	17.5

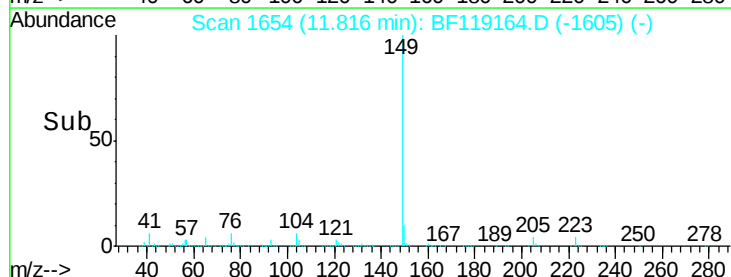
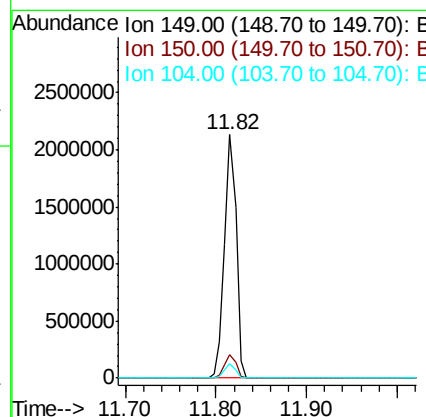
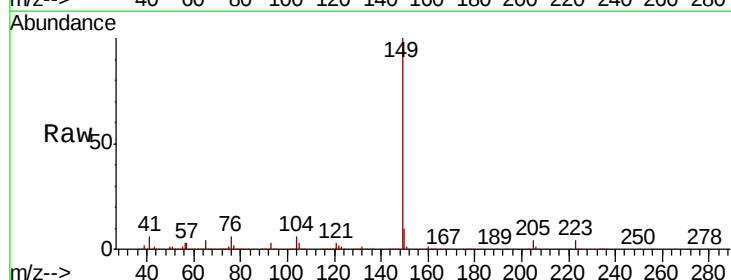
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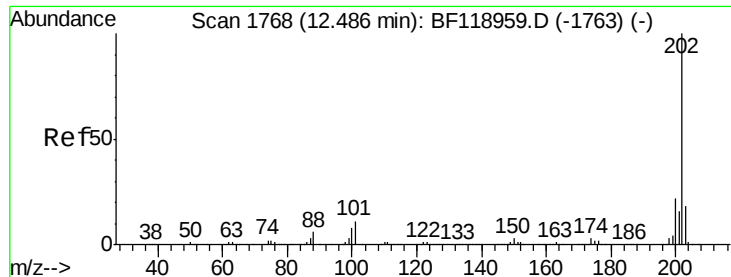
mohammad
 3/3/2020 12:25:47 PM



#74
 Di-n-butylphthalate
 Concen: 42.141 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.8	4.6	6.8





#75

Fluoranthene

Concen: 39.050 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

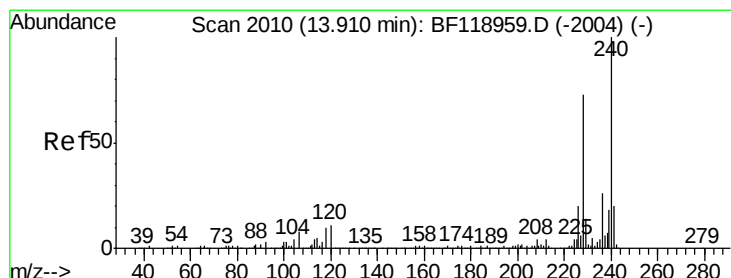
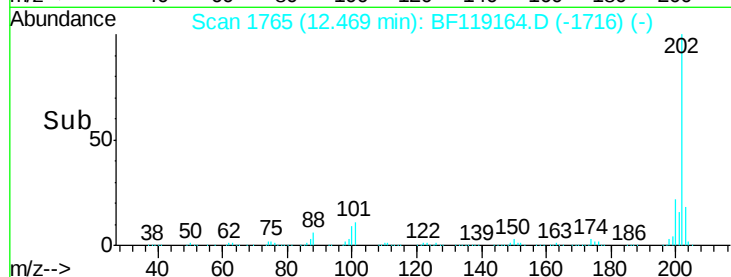
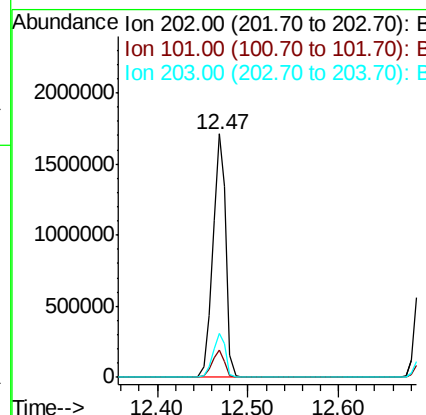
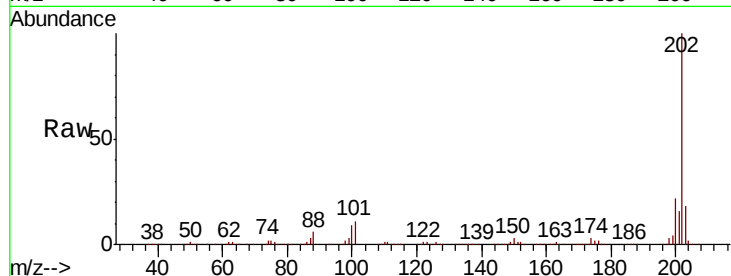
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1714289
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	18.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

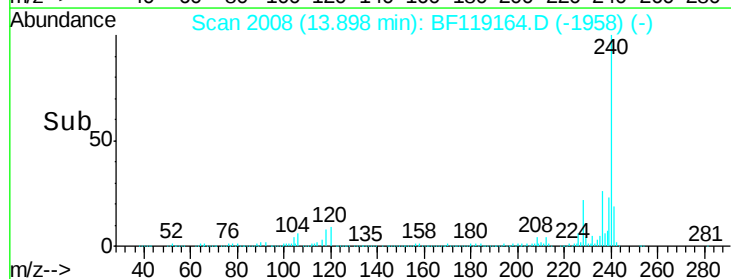
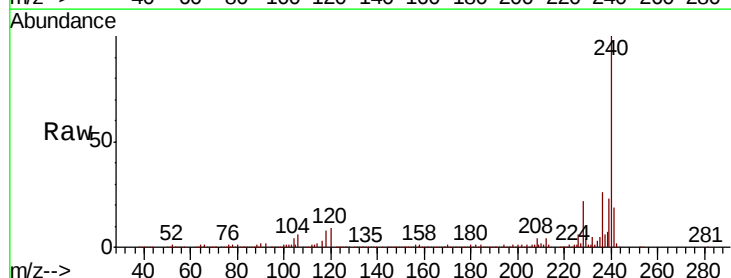
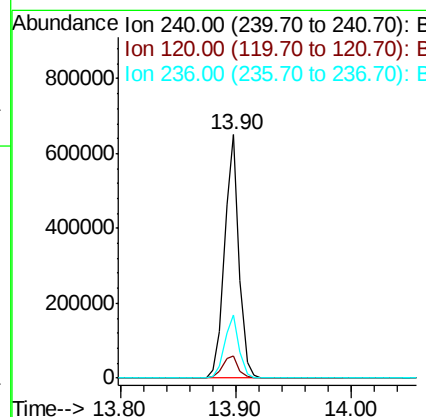
RT: 13.90 min Scan# 2008

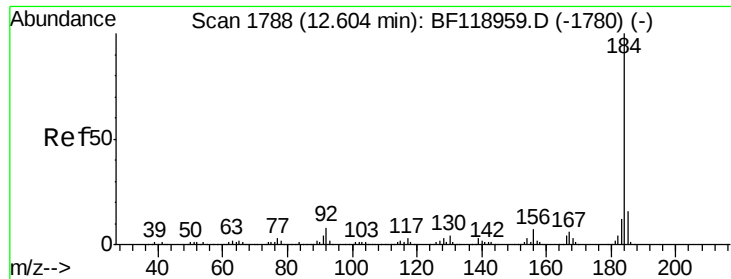
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	240	Resp:	558508
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 28.836 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

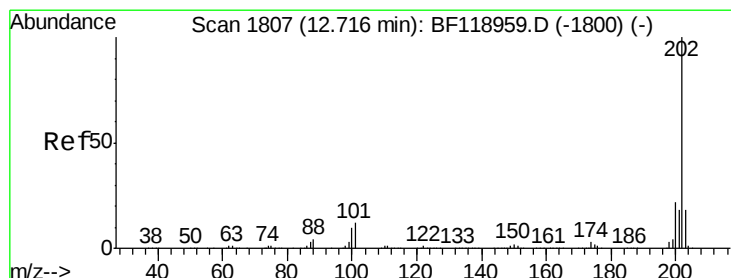
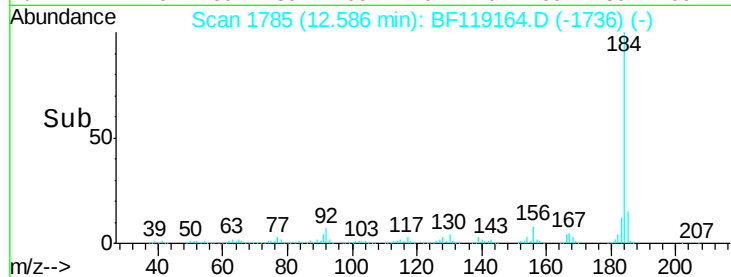
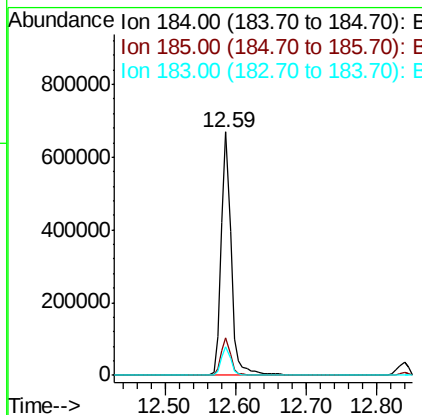
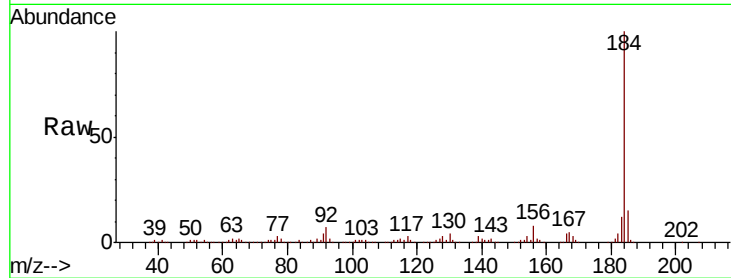
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	654987
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.4
183	11.8	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 37.578 ng

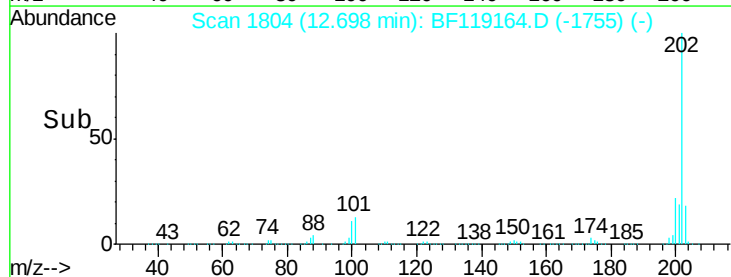
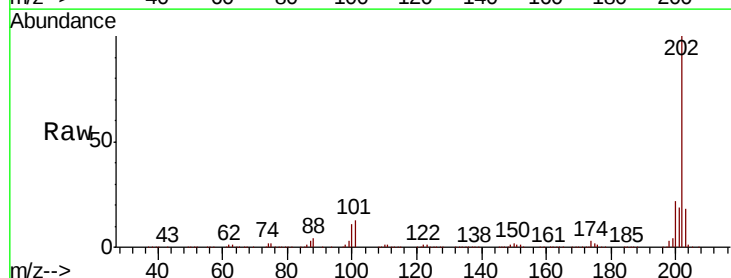
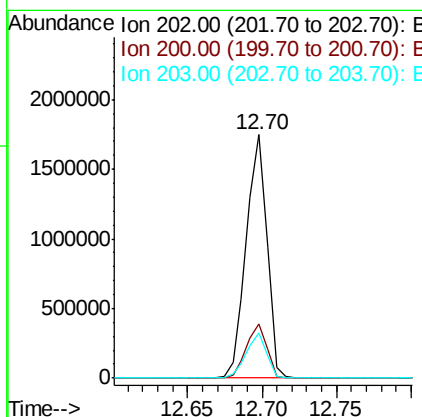
RT: 12.70 min Scan# 1804

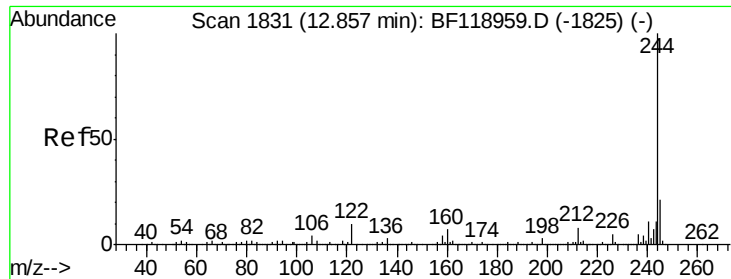
Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:	202	Resp:	1685282
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.0	27.0
203	18.3	14.6	22.0





#79

Terphenyl-d14

Concen: 79.663 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2584243

Ion Ratio Lower Upper

244 100

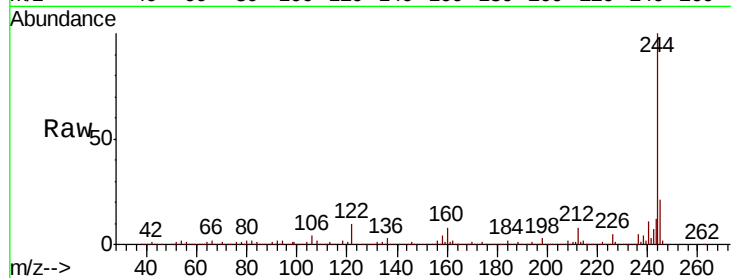
212 8.0 6.6 10.0

122 10.1 8.2 12.2

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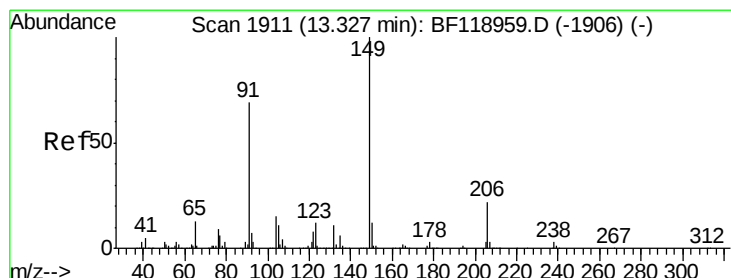
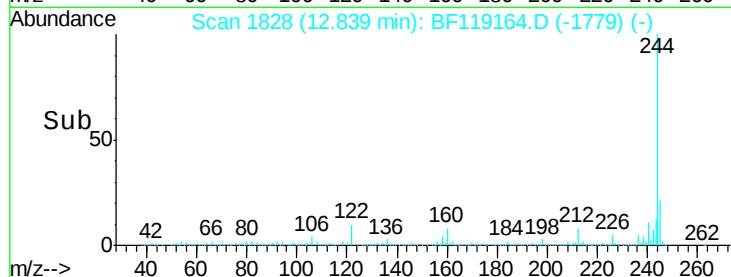
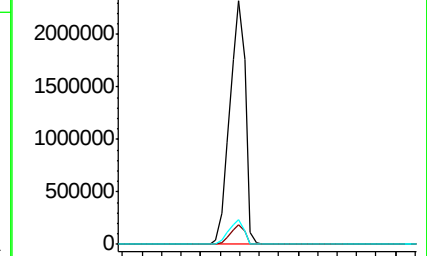
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.403 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

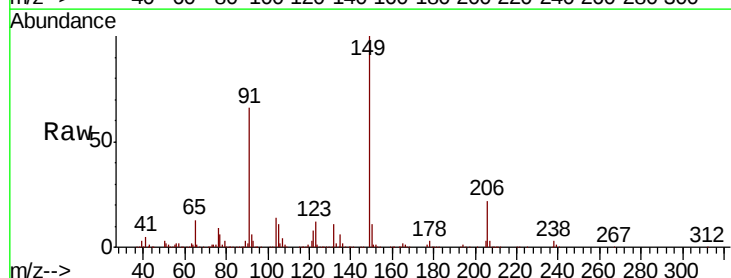
Tgt Ion:149 Resp: 819233

Ion Ratio Lower Upper

149 100

91 66.4 52.3 78.5

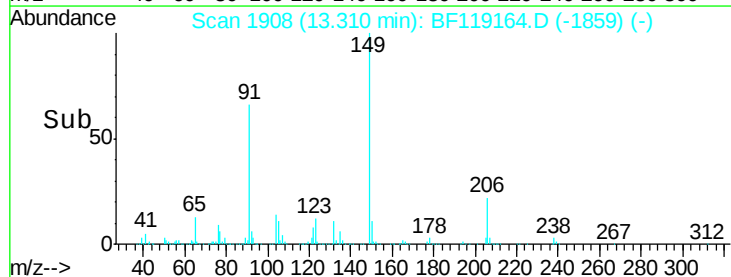
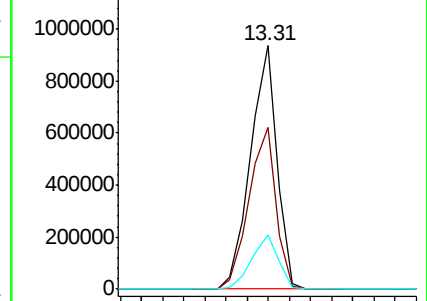
206 22.5 18.5 27.7

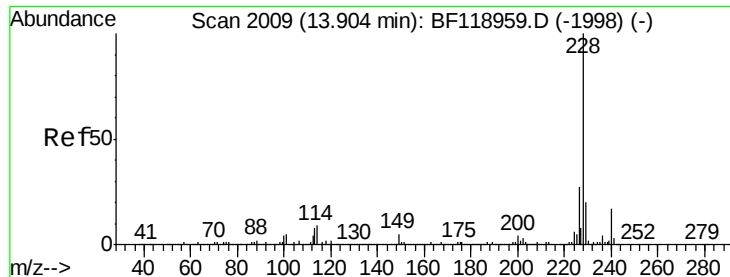


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.193 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1491468

Ion Ratio Lower Upper

228 100

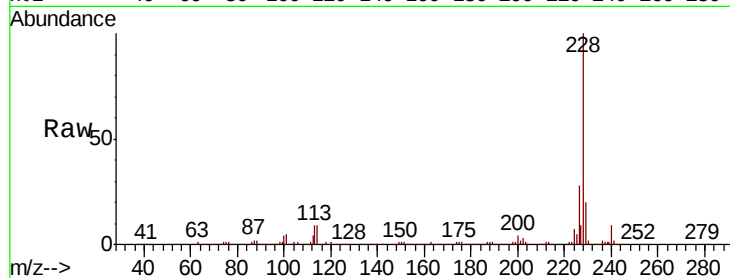
226 27.7 22.6 33.8

229 19.9 16.6 24.8

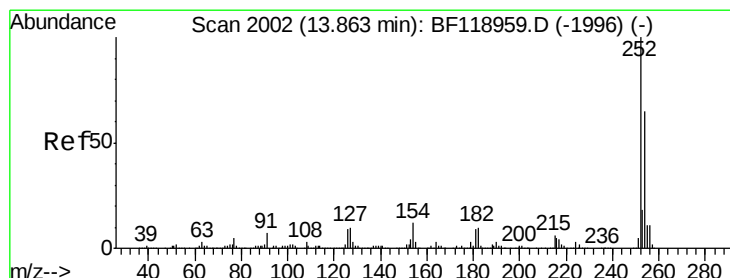
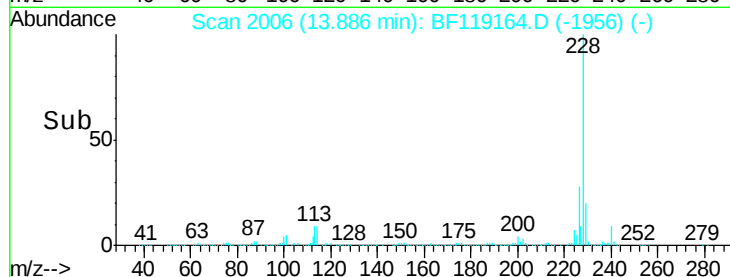
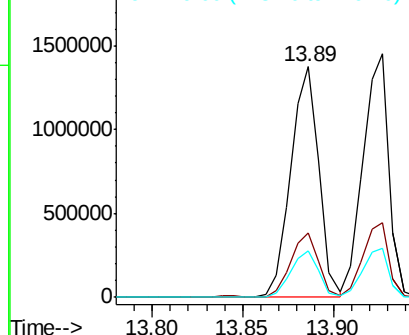
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.049 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

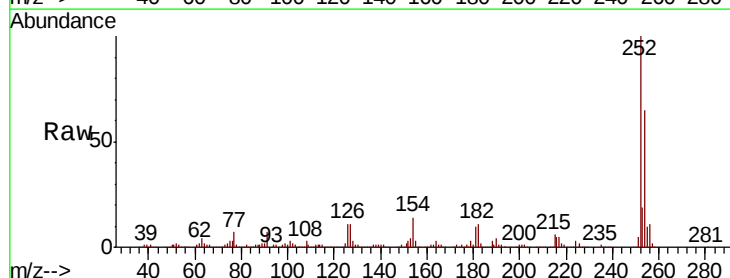
Tgt Ion:252 Resp: 562239

Ion Ratio Lower Upper

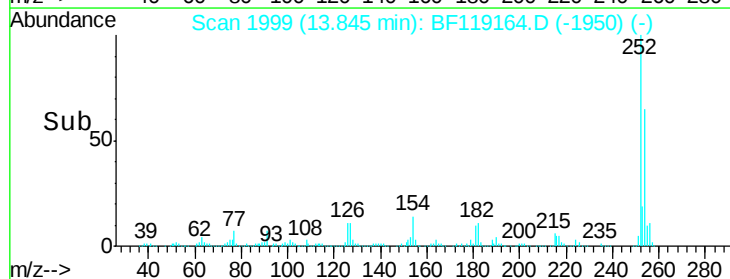
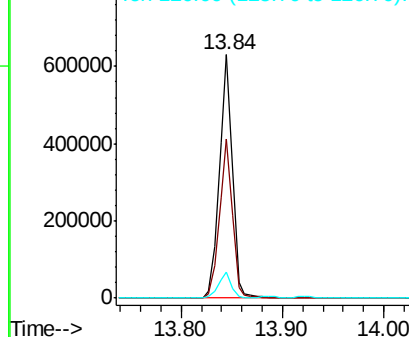
252 100

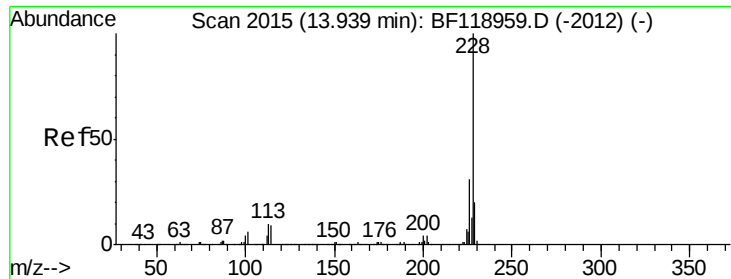
254 65.2 51.6 77.4

126 10.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
800000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





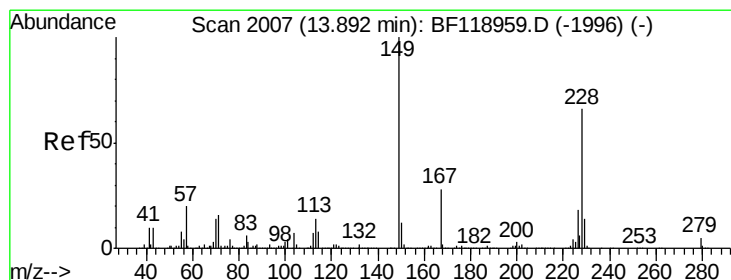
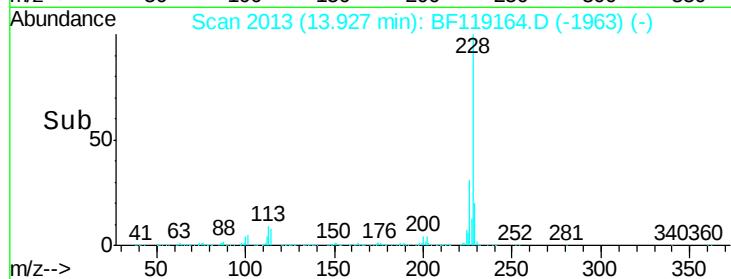
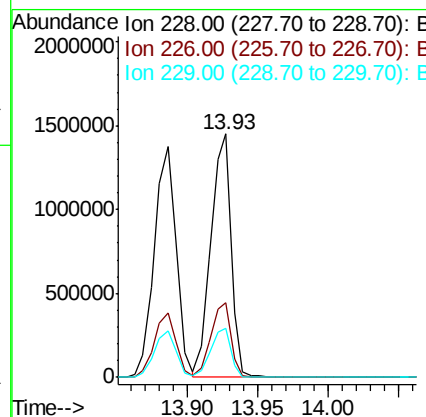
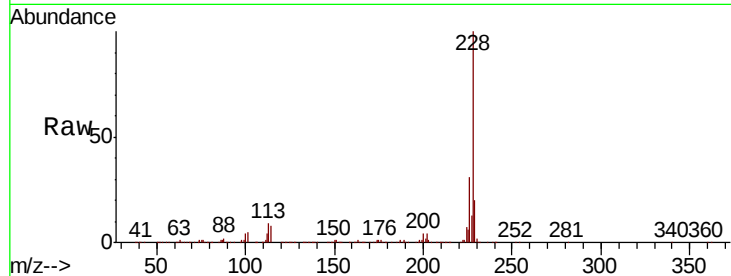
#83
 Chrvsene
 Concen: 38.030 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1442035
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.1 37.7
 229 20.1 16.3 24.5

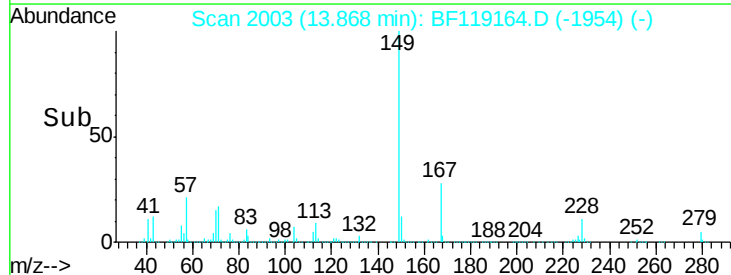
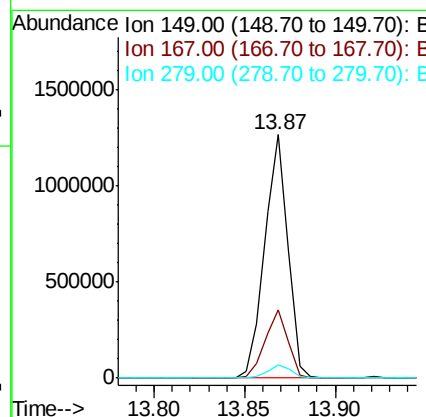
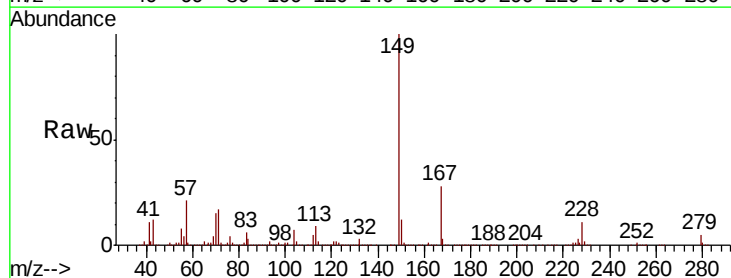
Manual Integrations
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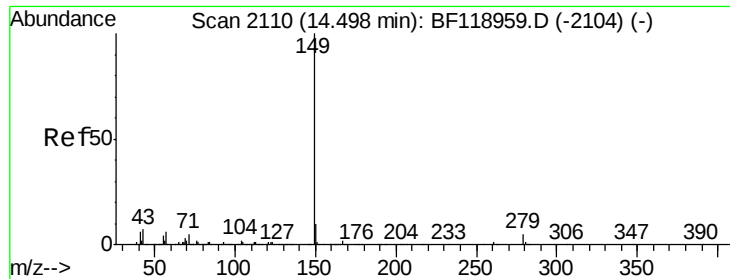
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.249 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion:149 Resp: 1126701
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.8 34.2
 279 5.4 4.6 6.8





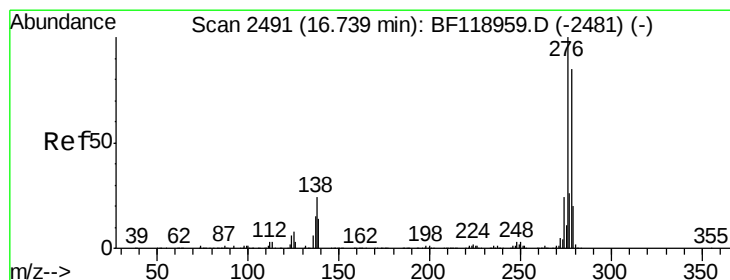
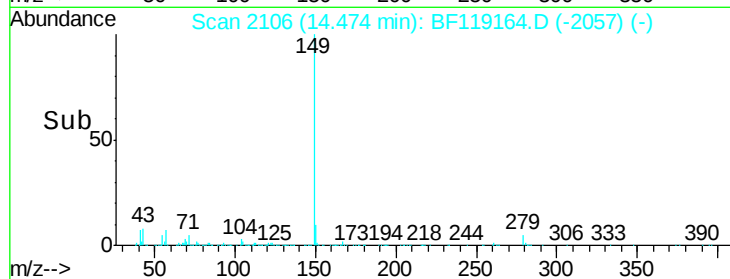
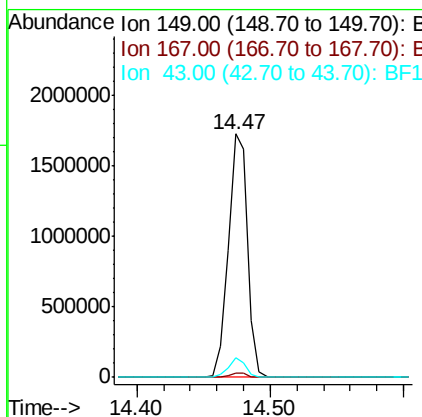
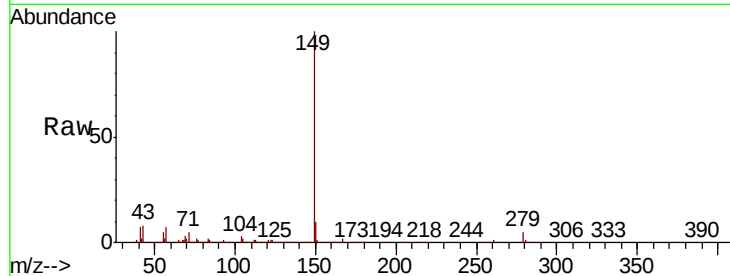
#85
Di-n-octyl phthalate
Concen: 46.075 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.1	5.7	8.5

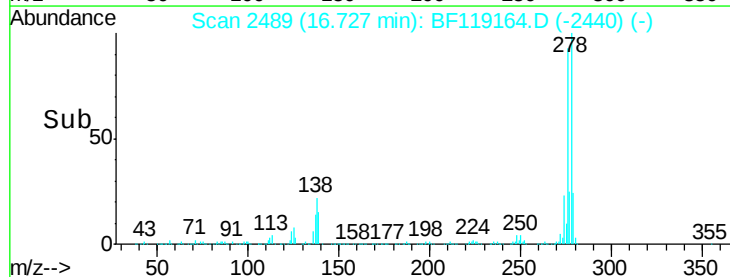
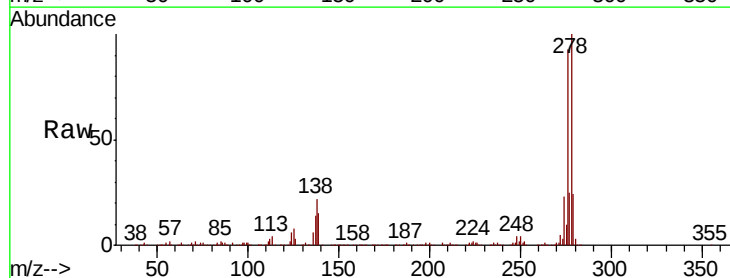
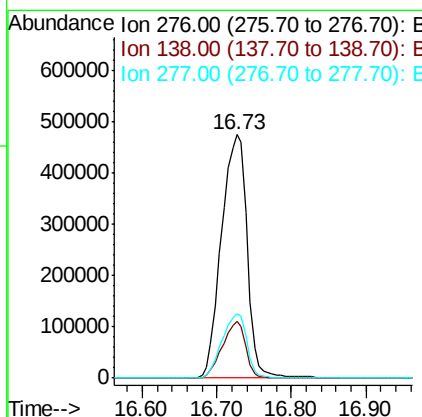
Manual Integrations
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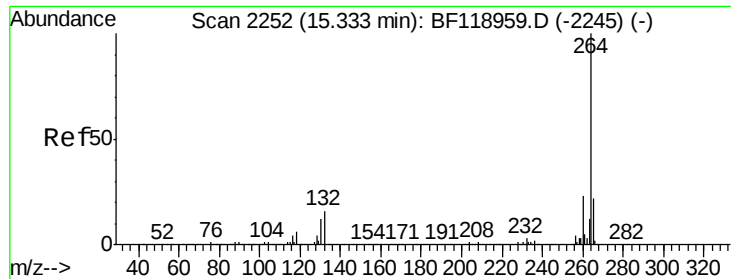
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 31.024 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.4	26.0
277	25.6	20.3	30.5





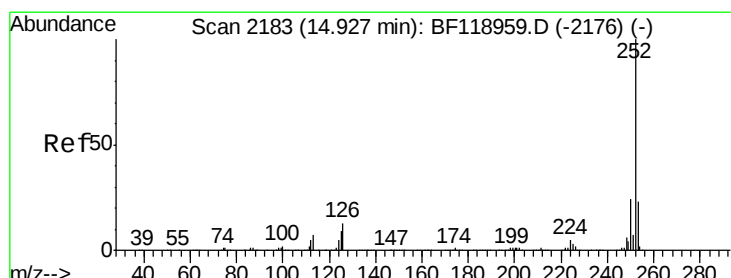
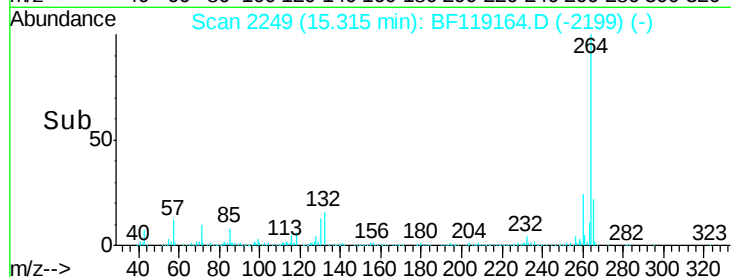
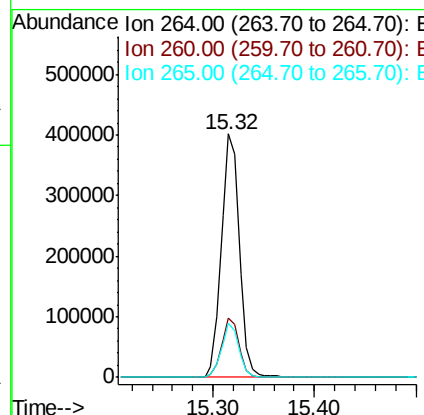
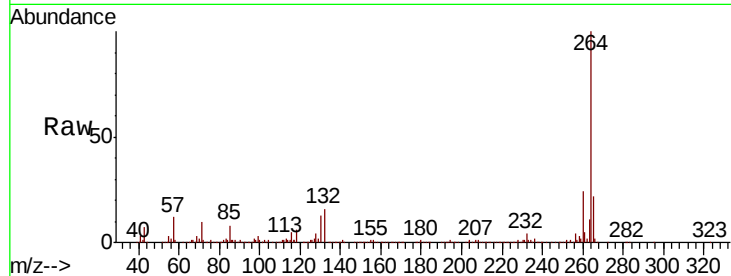
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.3	17.7	26.5

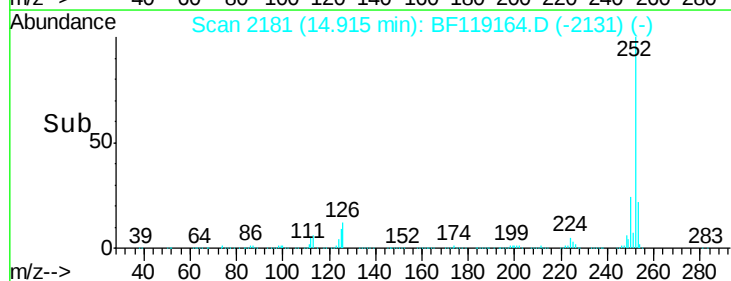
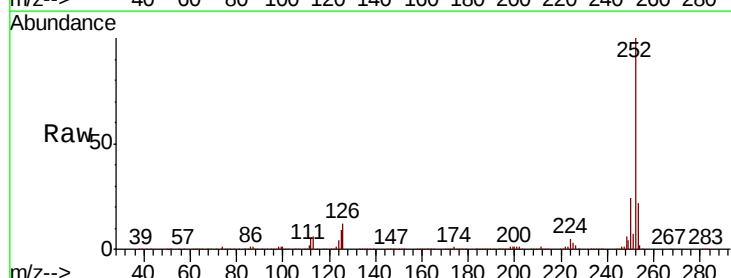
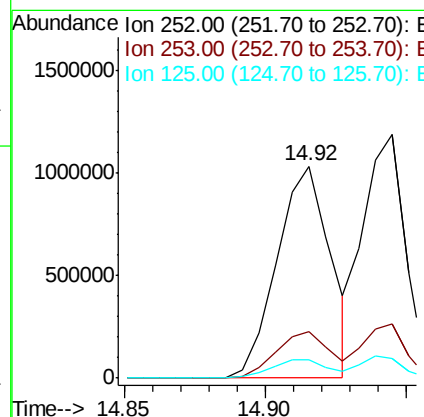
Manual Integrations
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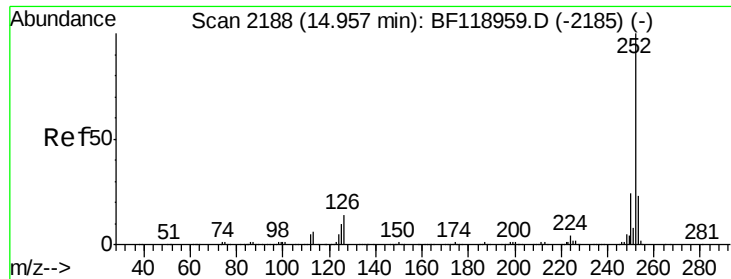
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.303 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.8	7.4	11.0





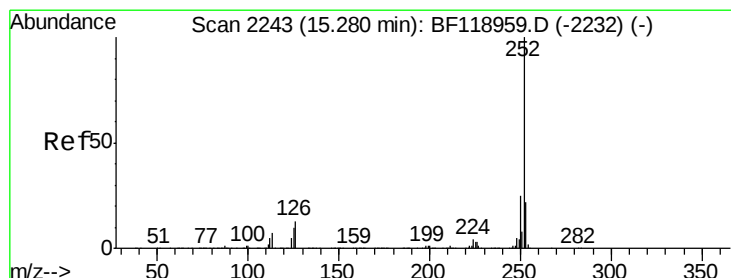
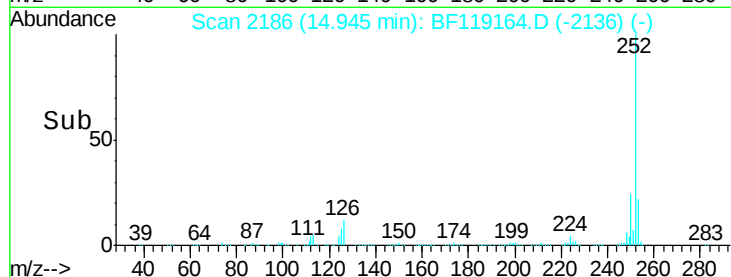
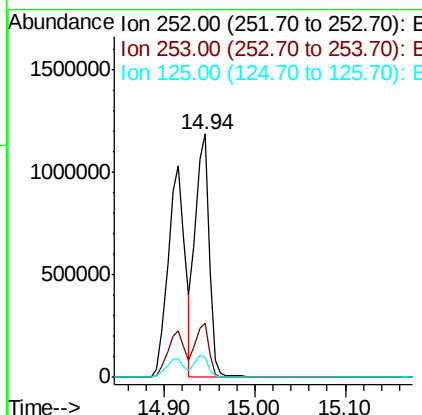
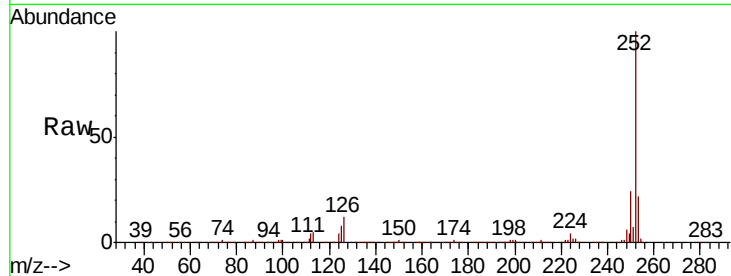
#89
Benzo(k)fluoranthene
Concen: 41.208 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.3	7.5	11.3

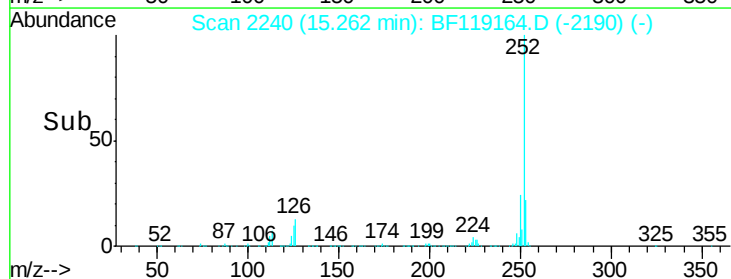
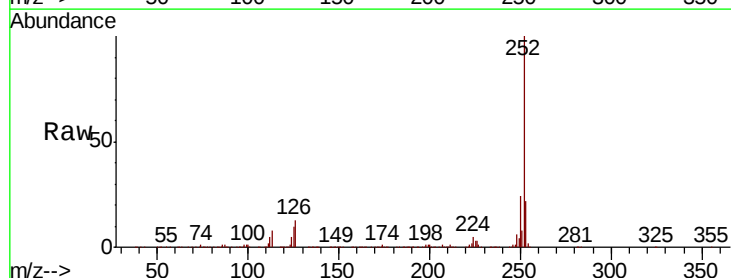
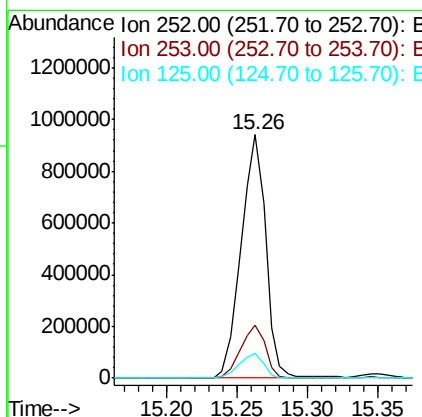
Manual Integrations
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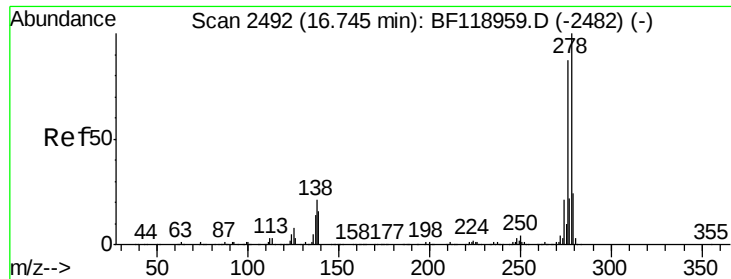
mohammad
3/3/2020 12:25:47 PM



#90
Benzo(a)pyrene
Concen: 38.671 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.0	8.6	12.8





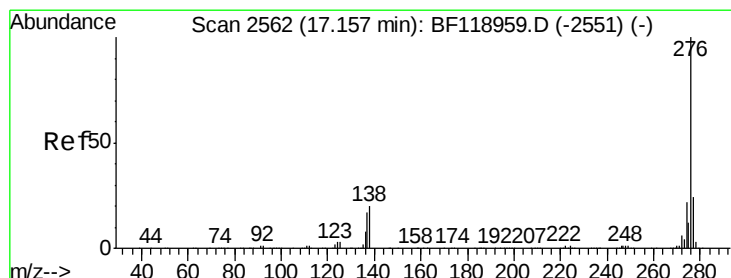
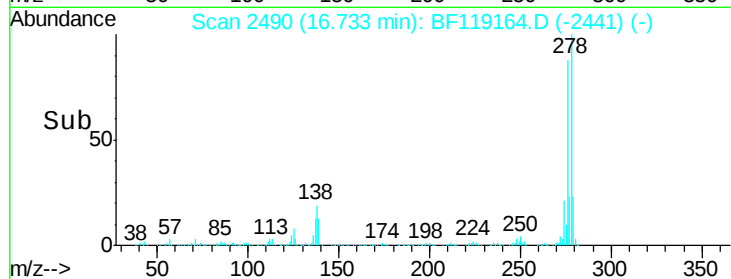
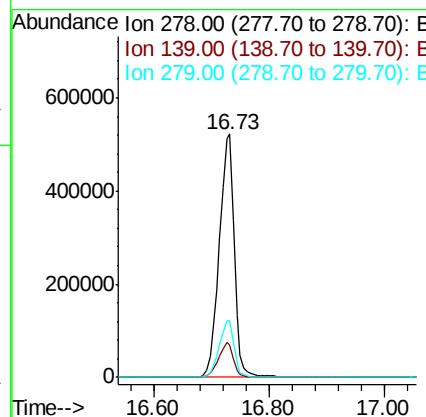
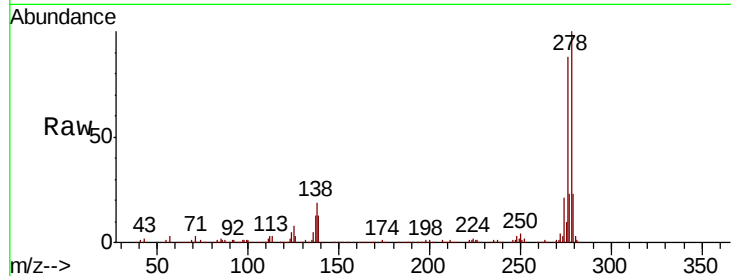
#91
Dibenzo(a,h)anthracene
Concen: 36.403 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.0	16.4
279	23.1	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/3/2020 12:25:47 PM



#92
Benzo(g,h,i)perylene
Concen: 34.096 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	18.4	14.3	21.5

