

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118535.D
 Acq On : 13 Jan 2020 17:20
 Operator : JU
 Sample : L1106-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

Manual Integrations
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Quant Time: Jan 14 12:01:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66669	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	276591	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	163223	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	325870	20.00	ng	0.00
76) Chrysene-d12	14.01	240	183471	20.00	ng	0.00
87) Perylene-d12	15.49	264	211958	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	365442	90.48	ng	0.00
7) Phenol-d6	6.46	99	486925	100.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	293355	55.72	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	185543	96.34	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	568540	49.96	ng	0.00
79) Terphenyl-d14	12.94	244	506673	43.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	53299	39.585	ng	99
3) Pyridine	3.31	79	123182	33.987	ng	97
4) n-Nitrosodimethylamine	3.26	42	78529	43.238	ng	97
6) Aniline	6.48	93	171710	28.601	ng	# 79
8) 2-Chlorophenol	6.60	128	210271	47.619	ng	97
9) Benzaldehyde	6.37	77	105343	39.189	ng	98
10) Phenol	6.47	94	248109	46.372	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	181639	47.618	ng	99
12) 1,3-Dichlorobenzene	6.76	146	227333	44.040	ng	97
13) 1,4-Dichlorobenzene	6.83	146	238738	45.327	ng	96
14) 1,2-Dichlorobenzene	6.99	146	224546	44.118	ng	98
15) Benzyl Alcohol	6.97	79	182246	46.530	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	181591	42.914	ng	95
17) 2-Methylphenol	7.08	107	164844	45.424	ng	97
18) Hexachloroethane	7.32	117	86644	43.416	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	140157	45.067	ng	98
20) 3+4-Methylphenols	7.23	107	221853	45.068	ng	98
22) Acetophenone	7.23	105	291287	41.547	ng	# 95
24) Nitrobenzene	7.40	77	215709	41.201	ng	99
25) Isophorone	7.64	82	385898	45.749	ng	98
26) 2-Nitrophenol	7.72	139	118283	45.758	ng	97
27) 2,4-Dimethylphenol	7.76	122	186360	53.609	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	230813	41.621	ng	99
29) 2,4-Dichlorophenol	7.97	162	180927	44.575	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	203500	43.167	ng	98
31) Naphthalene	8.12	128	640380	44.262	ng	99
32) Benzoic acid	7.91	122	114987	48.027	ng	94
33) 4-Chloroaniline	8.18	127	76904	12.911	ng	99
34) Hexachlorobutadiene	8.23	225	119534	41.307	ng	100
35) Caprolactam	8.56	113	59076m	48.317	ng	
36) 4-Chloro-3-methylphenol	8.67	107	198045	45.386	ng	97
37) 2-Methylnaphthalene	8.82	142	447544	45.072	ng	99
38) 1-Methylnaphthalene	8.92	142	408296	43.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	196706	39.223	ng	98

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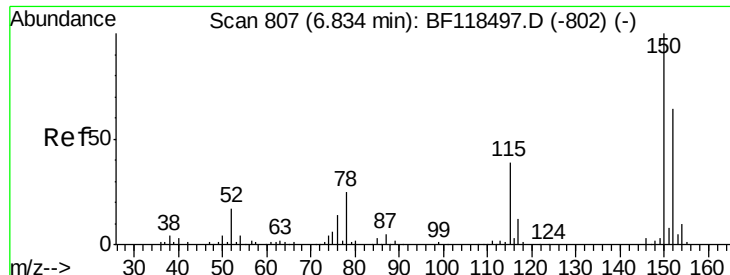
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Quant Time: Jan 14 12:01:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	110475	80.511	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	129768	41.874	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	139063	43.363	nq	96
46) 1,1'-Biphenyl	9.28	154	524692	39.342	nq	99
47) 2-Chloronaphthalene	9.31	162	408461	38.696	nq	99
48) 2-Nitroaniline	9.42	65	122890	40.288	nq	88
49) Acenaphthylene	9.73	152	695738	44.279	nq	100
50) Dimethylphthalate	9.59	163	586812	46.842	nq	99
51) 2,6-Dinitrotoluene	9.66	165	120911	44.818	nq	97
52) Acenaphthene	9.90	154	427409	44.545	nq	99
53) 3-Nitroaniline	9.83	138	72906	23.070	nq	95
54) 2,4-Dinitrophenol	9.95	184	97789	82.918	nq	95
55) Dibenzofuran	10.07	168	610259	42.345	nq	99
56) 4-Nitrophenol	10.01	139	155927	101.621	nq	96
57) 2,4-Dinitrotoluene	10.07	165	152442	42.201	nq	95
58) Fluorene	10.42	166	524201	45.253	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	114318	42.152	nq	98
60) Diethylphthalate	10.29	149	525803	41.231	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	254482	43.968	nq	92
62) 4-Nitroaniline	10.45	138	110071	35.572	nq	100
63) Azobenzene	10.56	77	460970	42.536	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	75048	43.565	nq	97
66) n-Nitrosodiphenylamine	10.53	169	428708	40.398	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	160148	41.958	nq	96
68) Hexachlorobenzene	10.97	284	186287	40.870	nq	95
69) Atrazine	11.06	200	160422	50.874	nq	98
70) Pentachlorophenol	11.17	266	157369	104.114	nq	99
71) Phenanthrene	11.38	178	826688	45.286	nq	99
72) Anthracene	11.43	178	795206	43.787	nq	99
73) Carbazole	11.59	167	706341	44.899	nq	99
74) Di-n-butylphthalate	11.91	149	864911	41.210	nq	99
75) Fluoranthene	12.57	202	574409	30.958	nq	98
77) Benzidine	12.70	184	230962	53.863	nq	97
78) Pyrene	12.80	202	584061	38.692	nq	99
80) Butylbenzylphthalate	13.42	149	449496	65.021	nq	98
81) Benzo(a)anthracene	14.00	228	589237	45.883	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	167855	40.194	nq	98
83) Chrysene	14.04	228	567576	45.482	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	534128	56.904	nq	98
85) Di-n-octyl phthalate	14.59	149	752201	55.869	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	716242	71.291	nq	99
88) Benzo(b)fluoranthene	15.06	252	571867	37.318	nq	99
89) Benzo(k)fluoranthene	15.09	252	525373	35.917	nq	98
90) Benzo(a)pyrene	15.42	252	547380	43.588	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	609195	51.734	nq	98
92) Benzo(g,h,i)perylene	17.43	276	518414	46.464	nq	98

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



#1

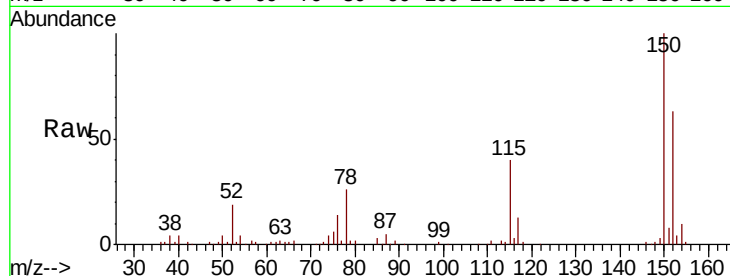
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.4	188.0
115	62.7	53.2	79.8

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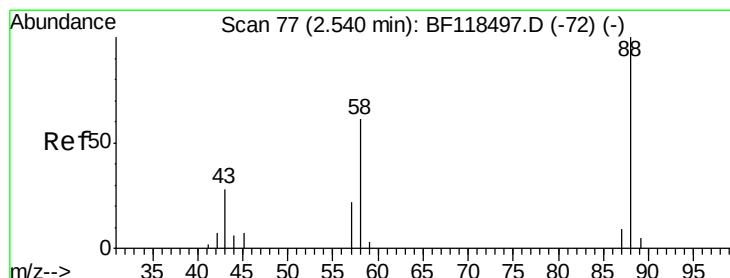
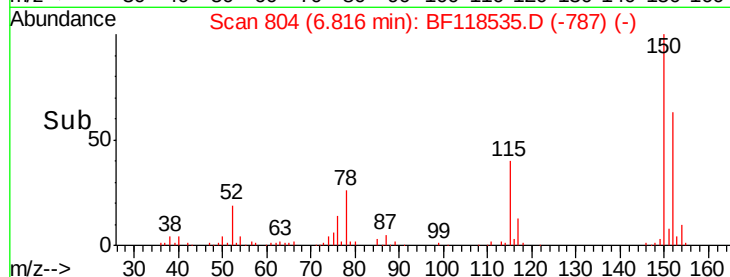
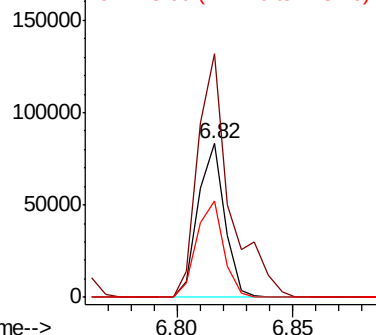


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

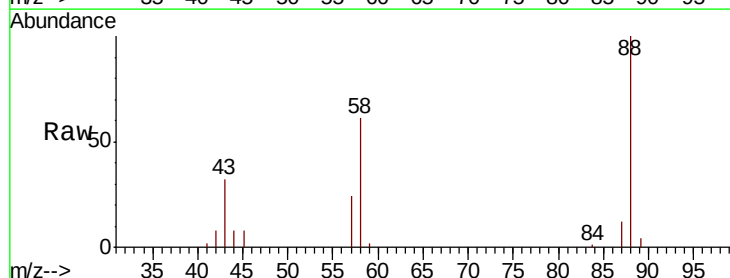
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.585 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	48.2	72.2
43	31.3	24.4	36.6

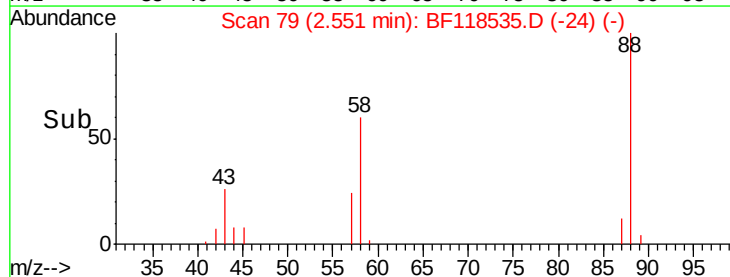
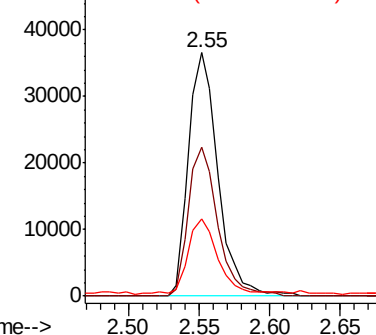


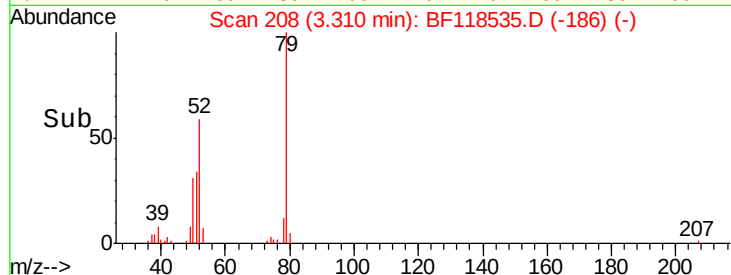
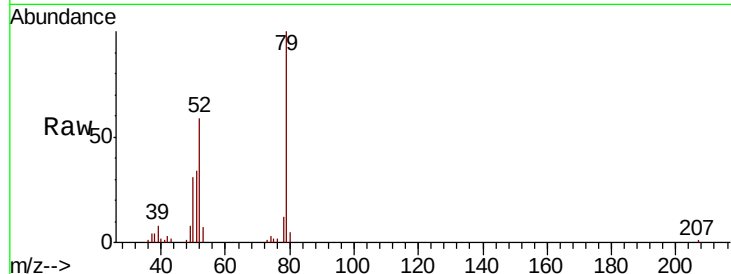
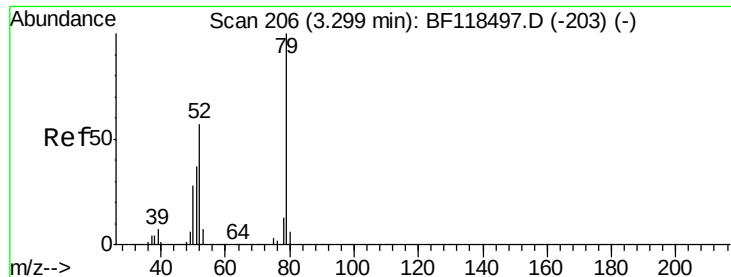
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





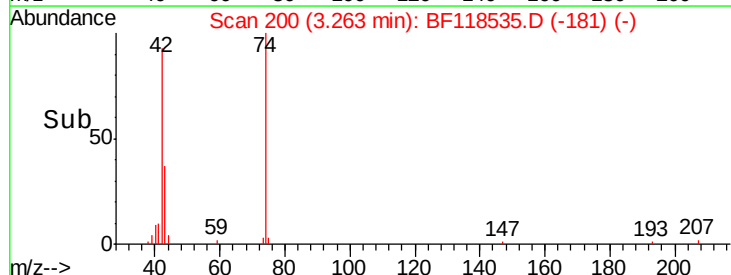
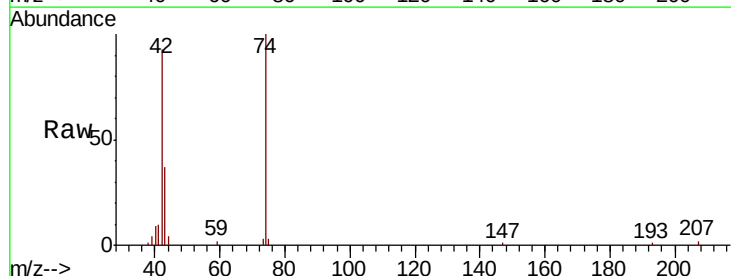
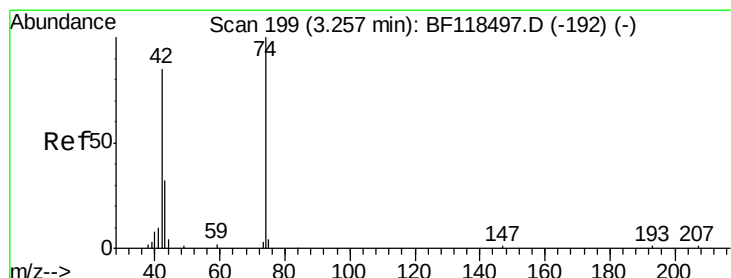
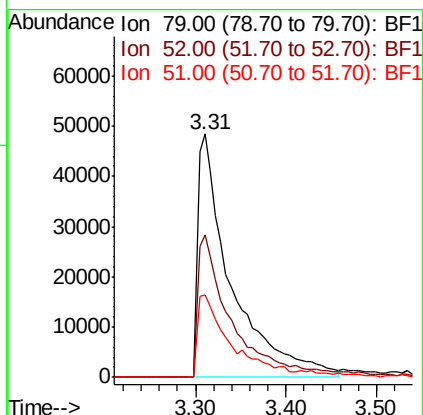
#3
 Pvridine
 Concen: 33.987 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.03 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tot Ion	79	Resp	123182
Ion Ratio	Lower	Upper	
79	100		
52	58.6	45.0	67.6
51	33.6	28.4	42.6

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

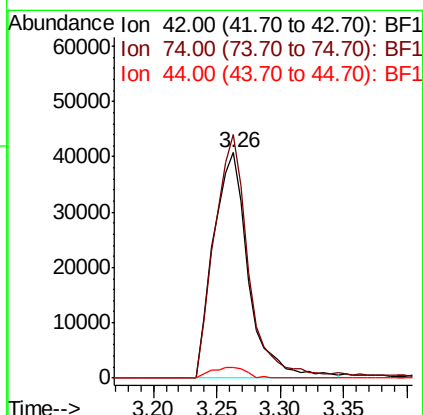
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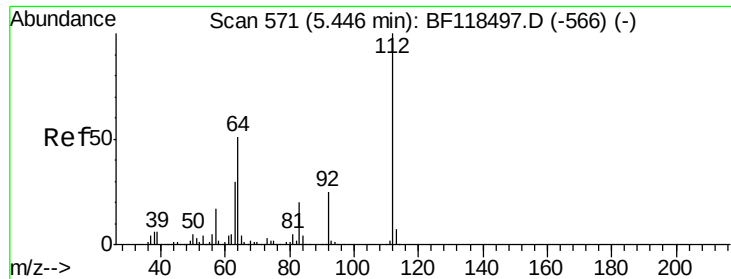
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#4
 n-Nitrosodimethylamine
 Concen: 43.238 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	42	Resp	78529
Ion Ratio	Lower	Upper	
42	100		
74	107.9	84.3	126.5
44	4.6	4.6	6.8





#5

2-Fluorophenol

Concen: 90.485 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

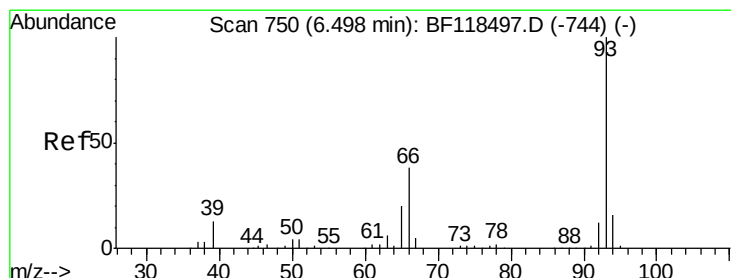
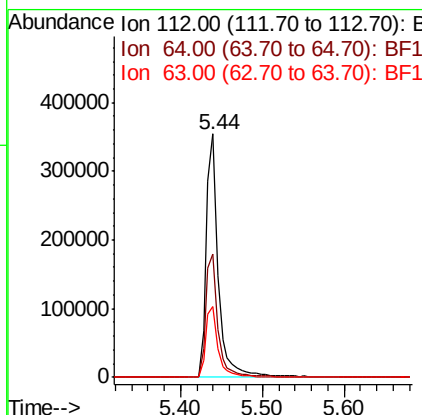
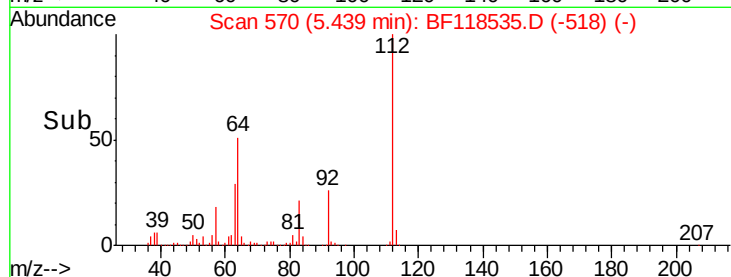
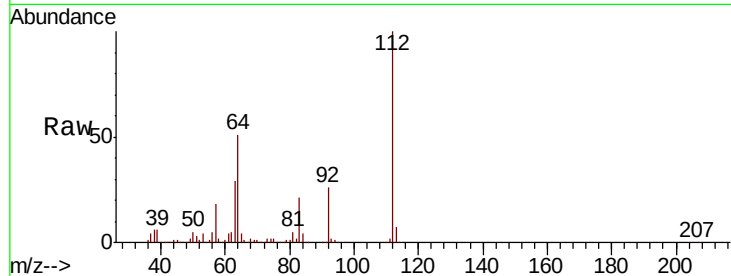
ClientSampleId :

CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		365442		
64	50.7	43.4	65.0		
63	29.0	25.5	38.3		

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#6

Aniline

Concen: 28.601 ng

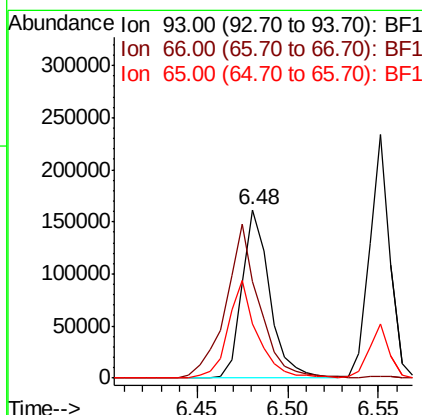
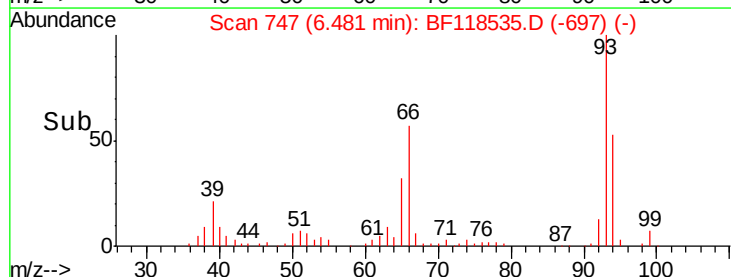
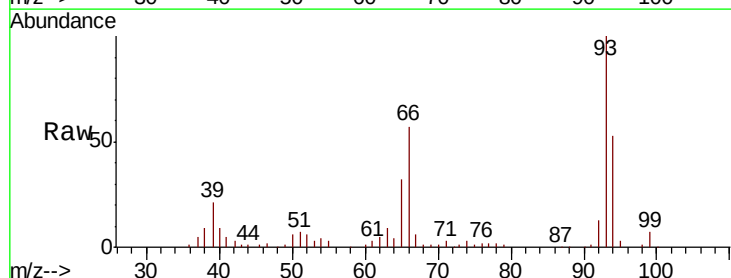
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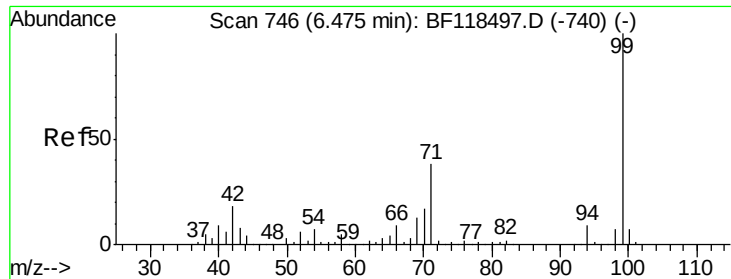
Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		171710		
66	57.1	34.8	52.2#		
65	31.8	17.9	26.9#		





#7

Phenol-d6

Concen: 100.843 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

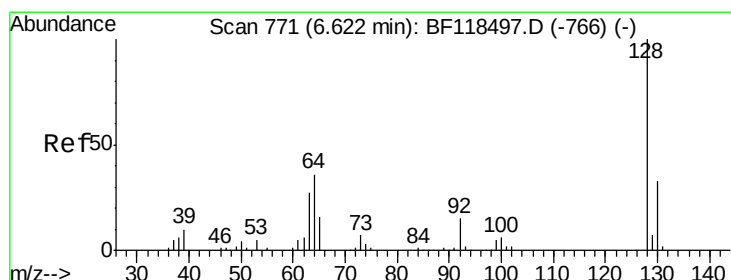
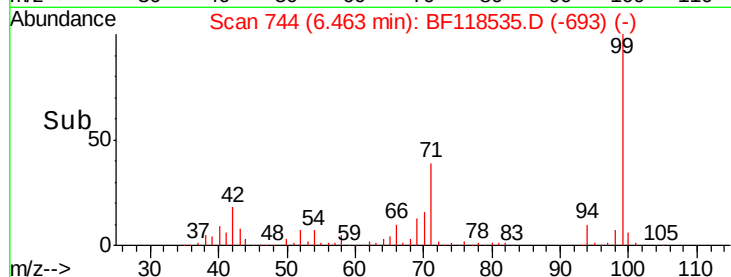
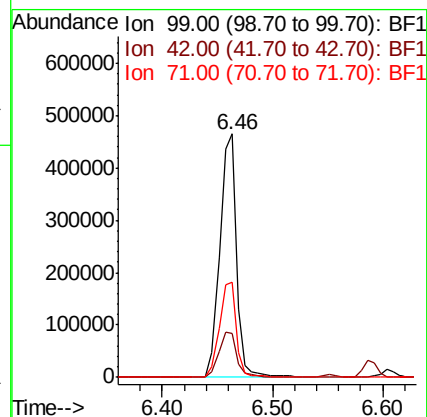
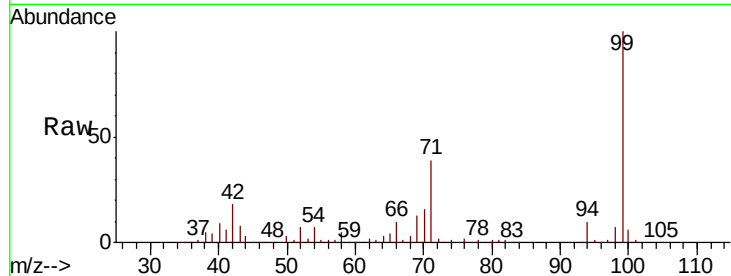
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		486925		
42	18.1	15.0	22.4		
71	39.1	31.4	47.0		

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#8

2-Chlorophenol

Concen: 47.619 ng

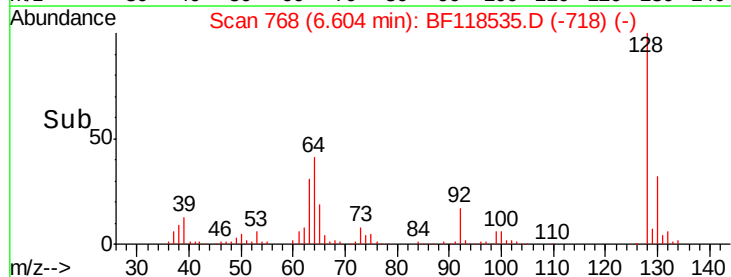
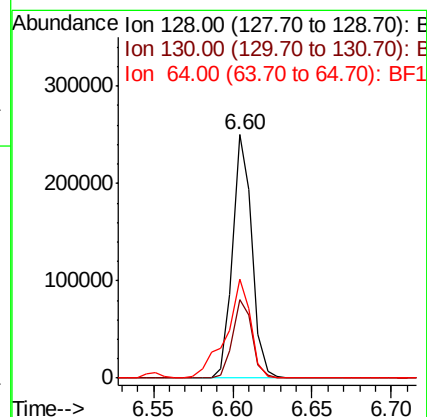
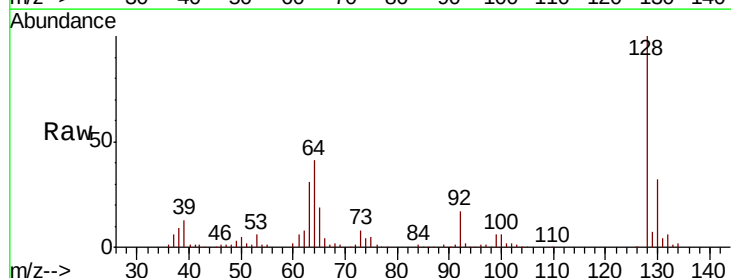
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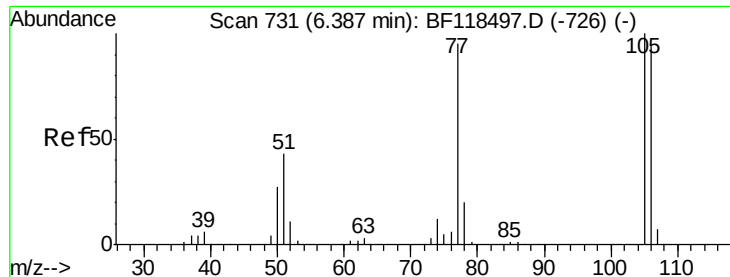
Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		210271		
130	32.4	13.4	53.4		
64	40.9	18.5	58.5		





#9

Benzaldehyde

Concen: 39.189 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

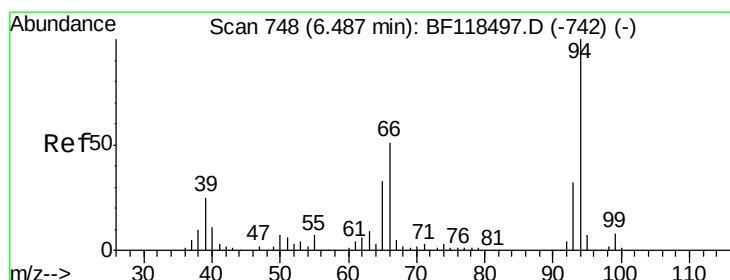
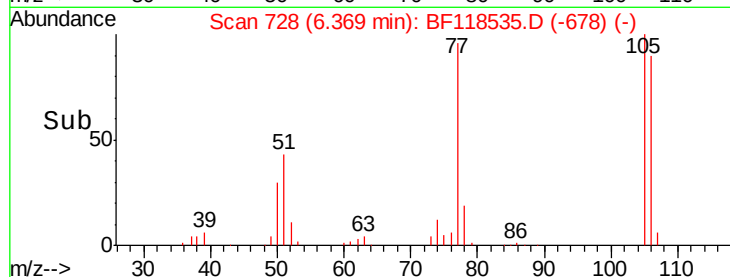
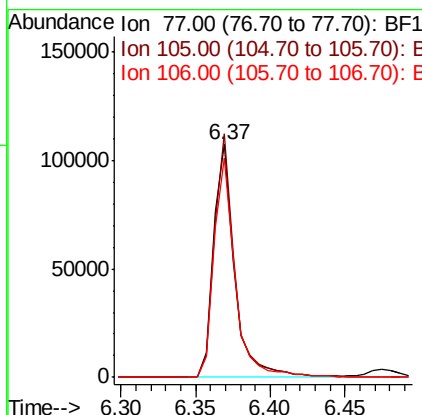
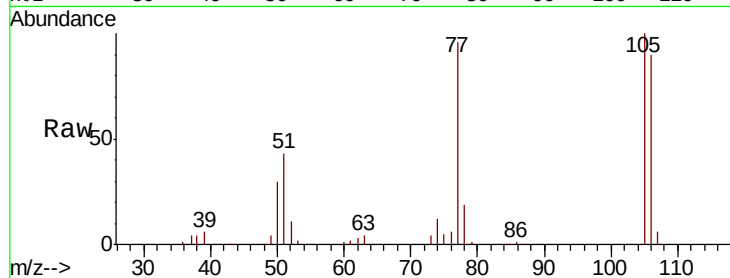
ClientSampleId :

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Tot Ion:	77	Resp:	105343
Ion	Ratio	Lower	Upper
77	100		
105	104.4	84.8	124.8
106	94.3	77.9	117.9

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#10

Phenol

Concen: 46.372 ng

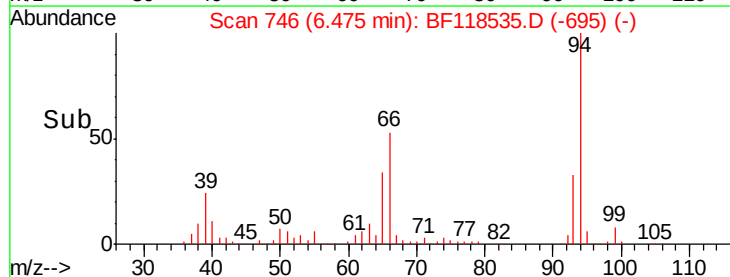
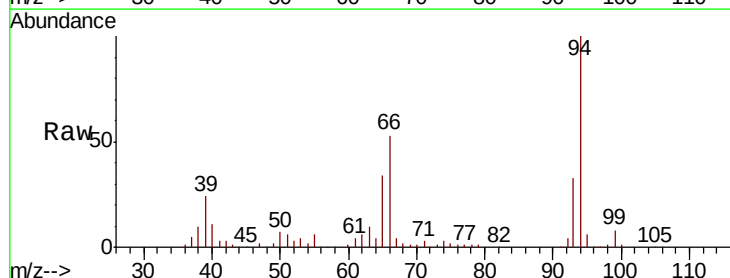
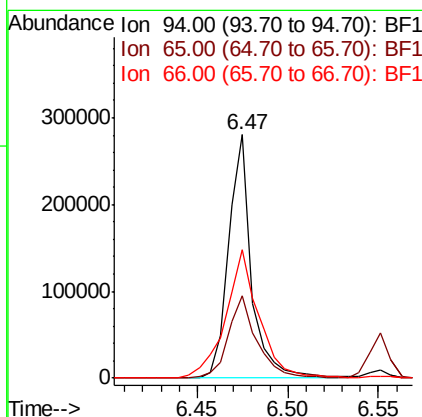
RT: 6.47 min Scan# 746

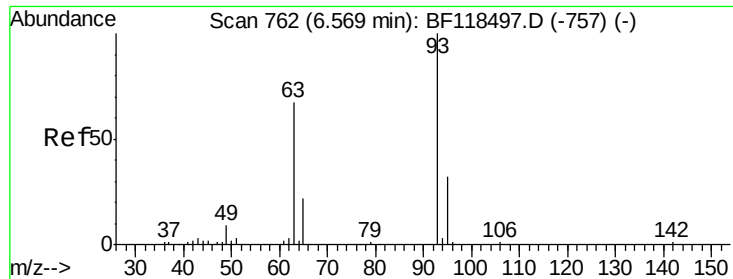
Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion:	94	Resp:	248109
Ion	Ratio	Lower	Upper
94	100		
65	33.6	15.6	55.6
66	52.6	38.4	78.4





#11

bis(2-Chloroethyl)ether

Concen: 47.618 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

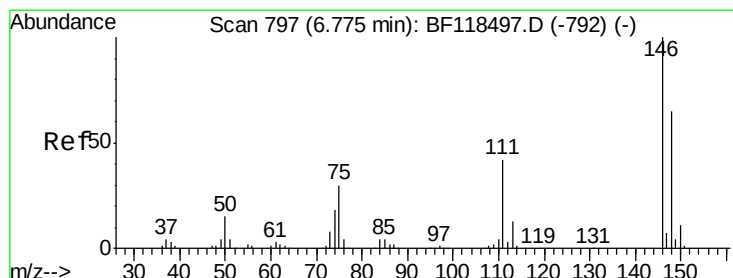
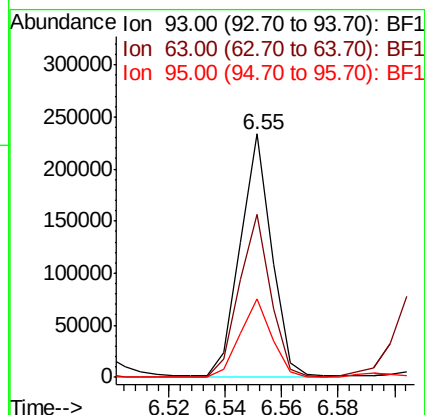
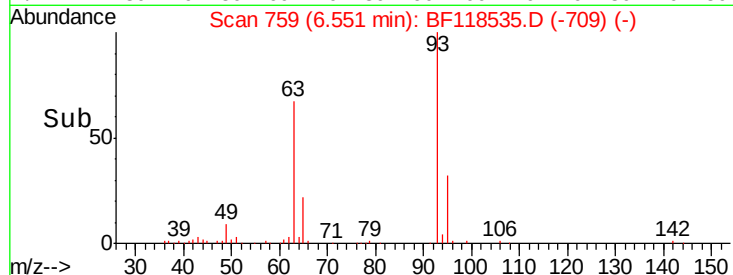
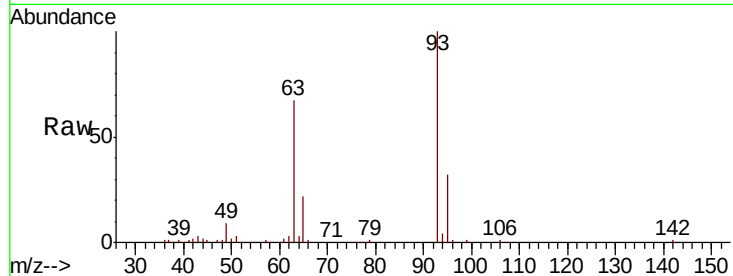
ClientSampleId :

CIY1-SB-01-0-52MS

Tot Ion:	93	Resp:	181639
Ion	Ratio	Lower	Upper
93	100		
63	66.7	47.9	87.9
95	32.2	13.1	53.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.040 ng

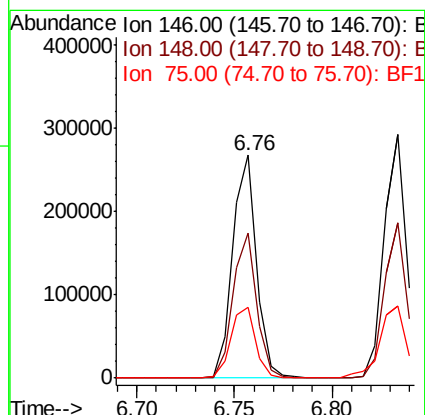
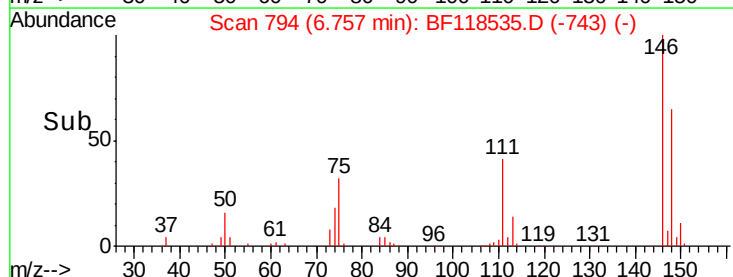
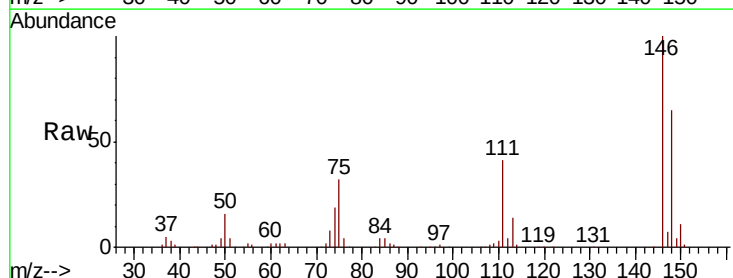
RT: 6.76 min Scan# 794

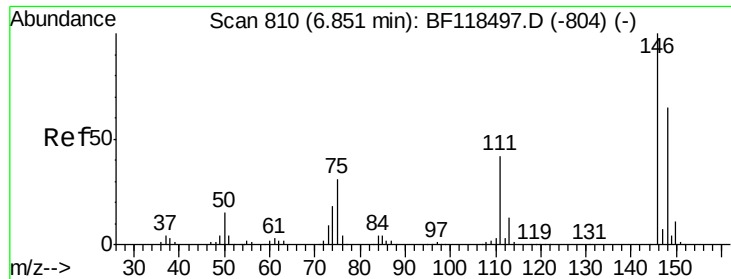
Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion:	146	Resp:	227333
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.8	79.2
75	31.9	27.9	41.9





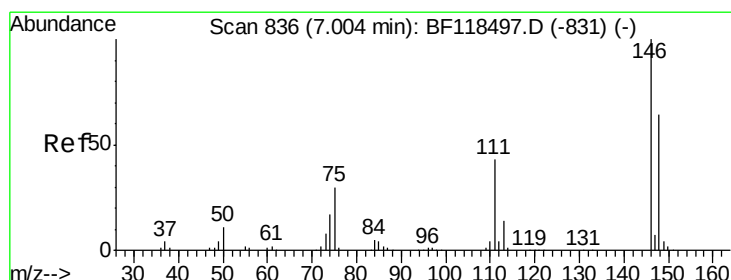
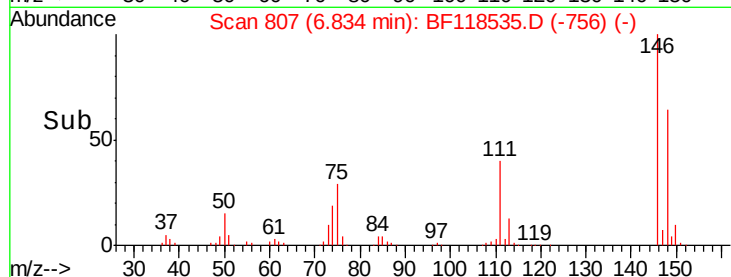
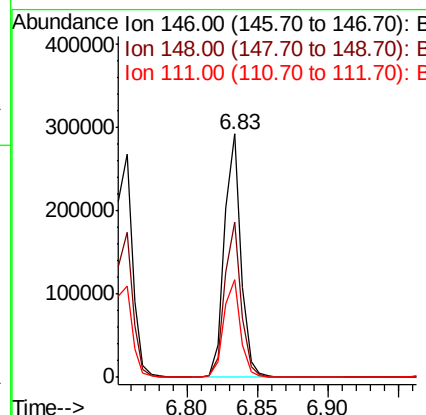
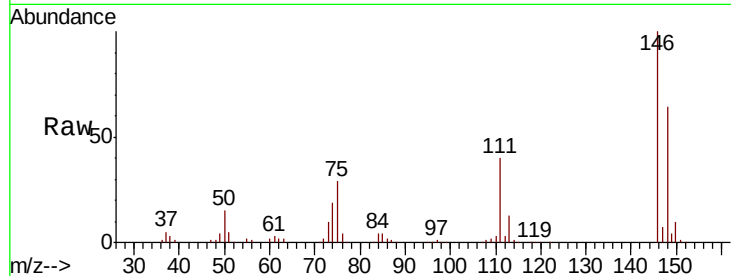
#13
1,4-Dichlorobenzene
Concen: 45.327 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.0	73.6
111	40.0	34.6	51.8

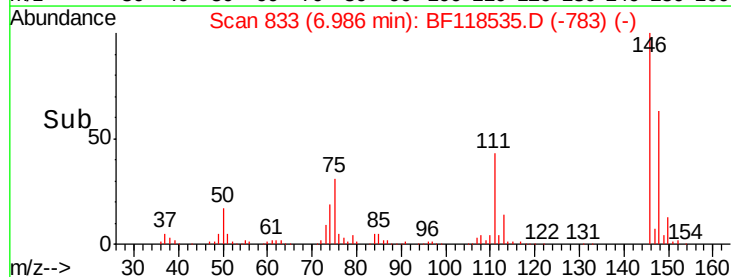
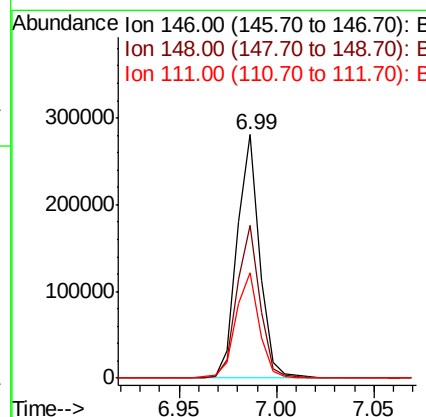
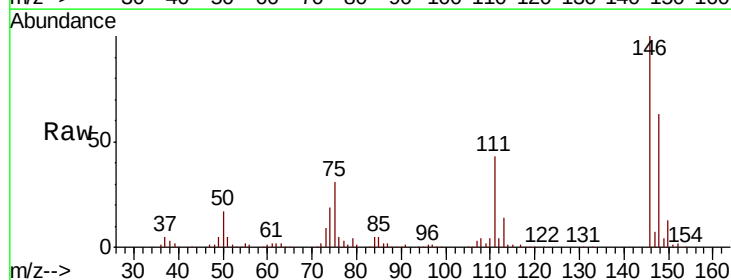
Manual Integrations
APPROVED

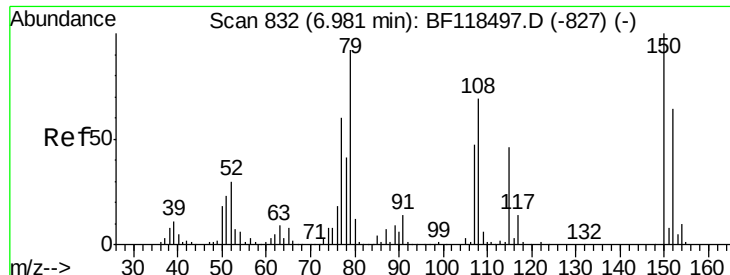
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.118 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	43.3	35.4	53.2





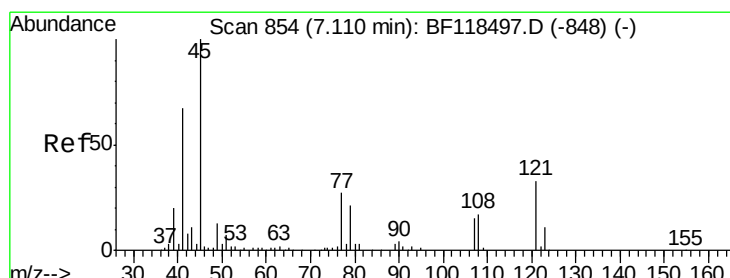
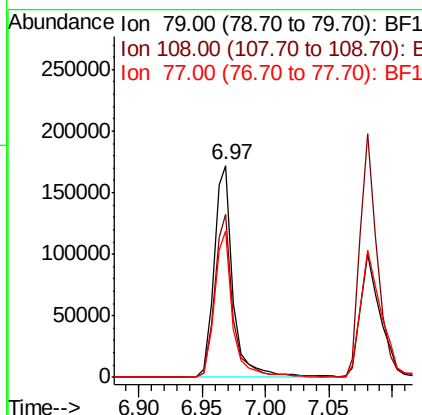
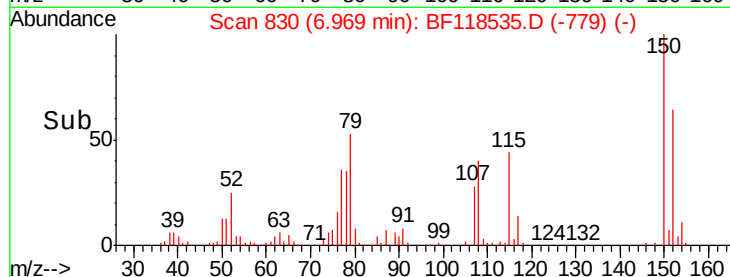
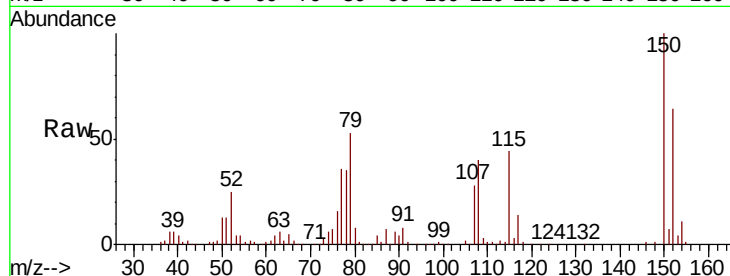
#15
Benzyl Alcohol
Concen: 46.530 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	76.5	58.6	88.0	
77	68.8	53.0	79.6	

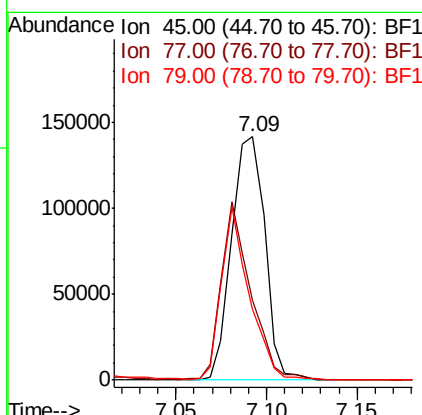
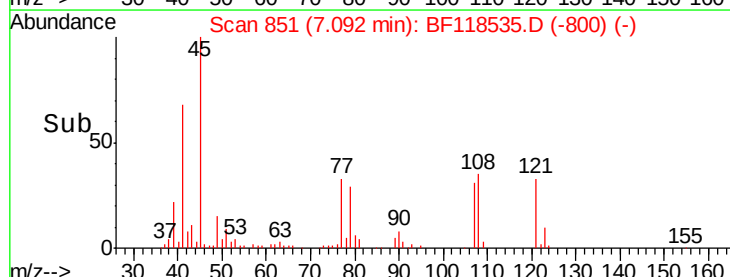
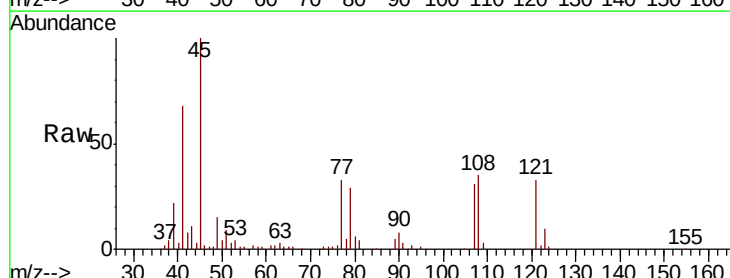
Manual Integrations
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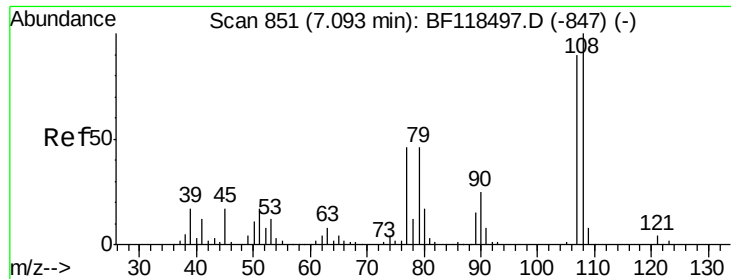
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.914 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	32.9	16.0	56.0	
79	28.9	11.1	51.1	





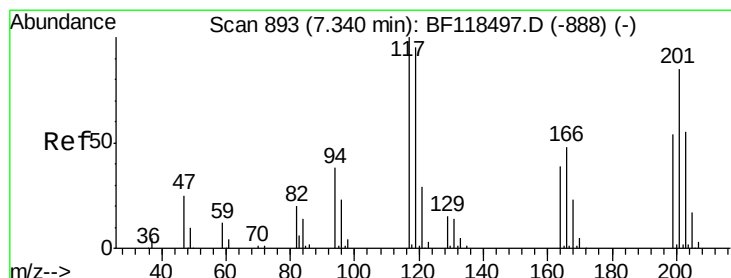
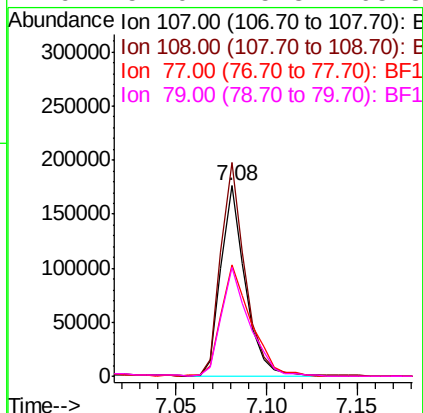
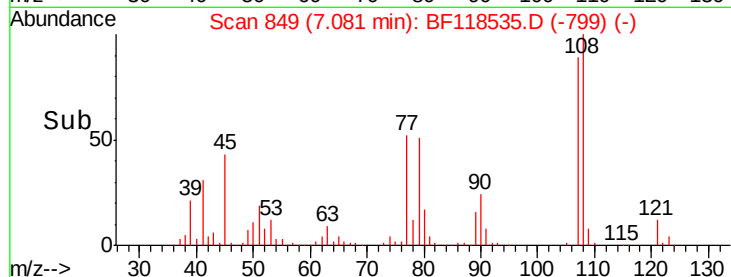
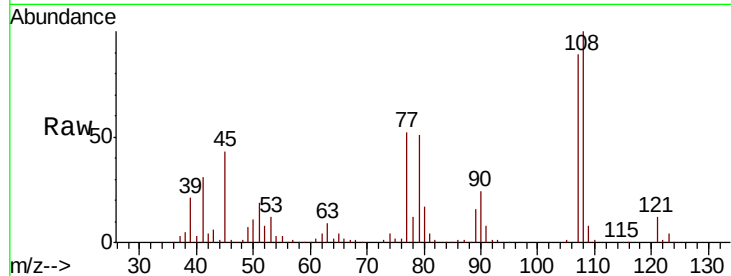
#17
2-Methylphenol
Concen: 45.424 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	87.2	130.8	
77	58.7	49.4	74.2	
79	57.0	45.8	68.8	

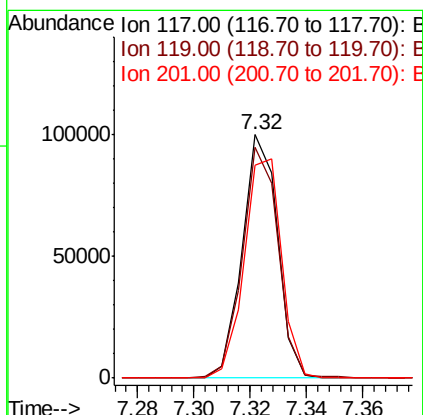
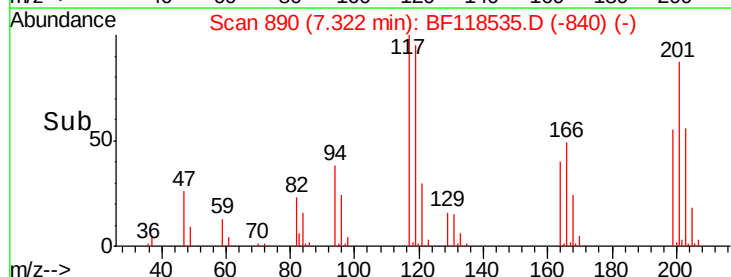
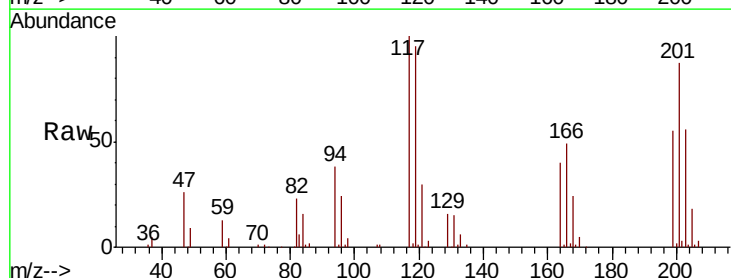
Manual Integrations
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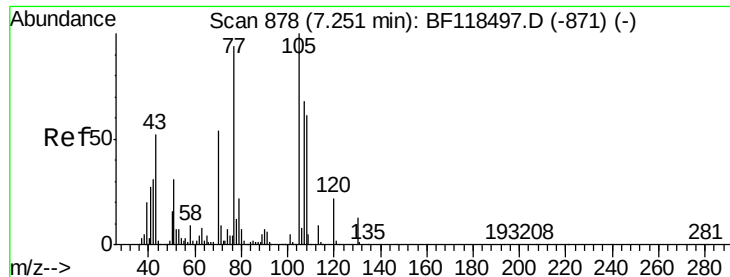
mohammad
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#18
Hexachloroethane
Concen: 43.416 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	78.0	117.0	
201	87.3	75.2	112.8	





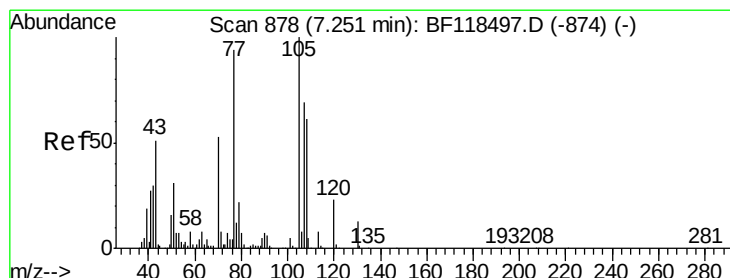
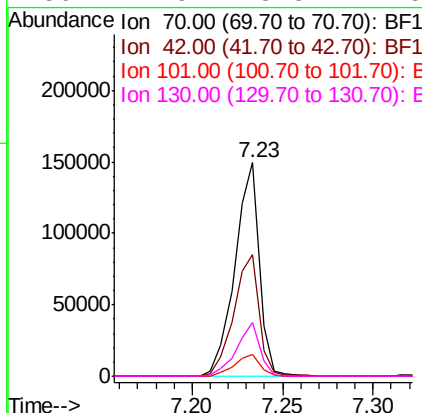
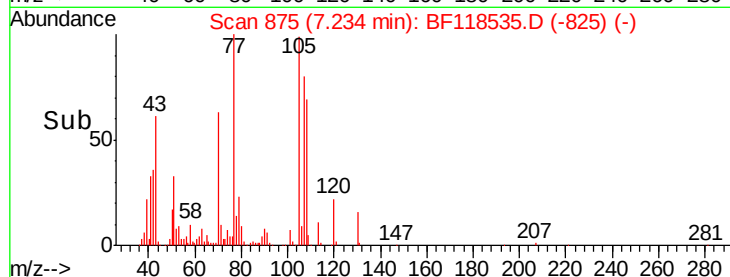
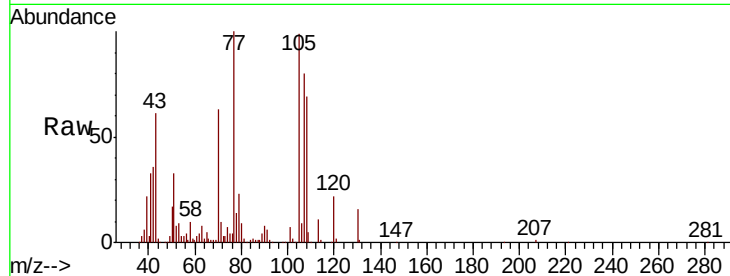
#19
n-Nitroso-di-n-propylamine
Concen: 45.067 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		140157		
42	56.7	46.3	69.5		
101	10.3	8.5	12.7		
130	24.9	18.3	27.5		

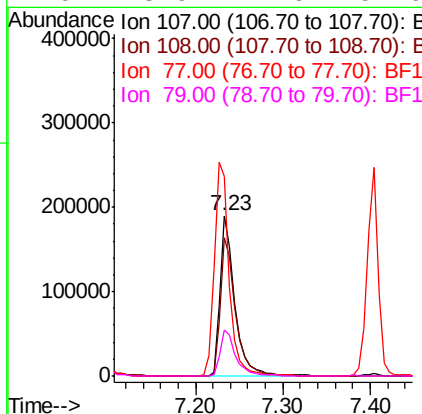
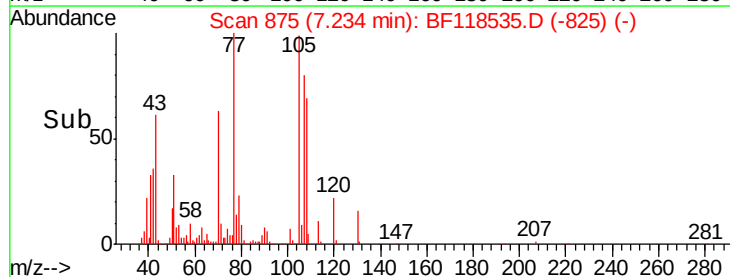
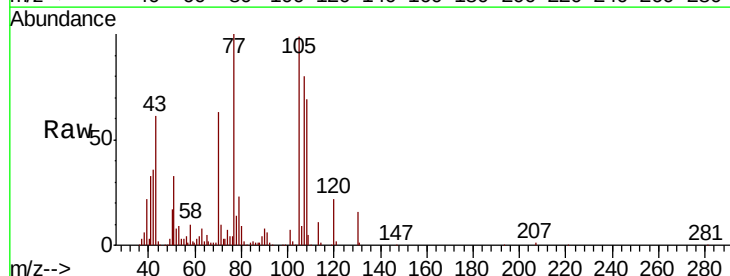
Manual Integrations
APPROVED

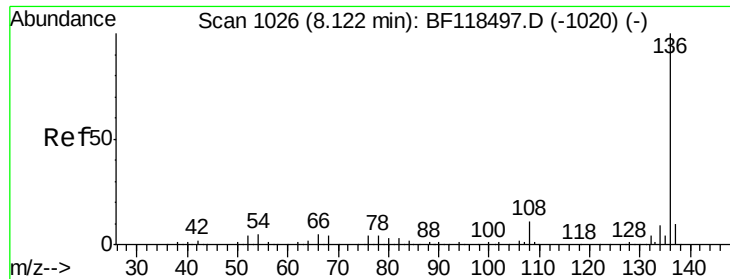
mohammad
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#20
3+4-Methylphenols
Concen: 45.068 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		221853		
108	86.4	68.3	108.3		
77	124.5	105.1	145.1		
79	28.9	11.6	51.6		





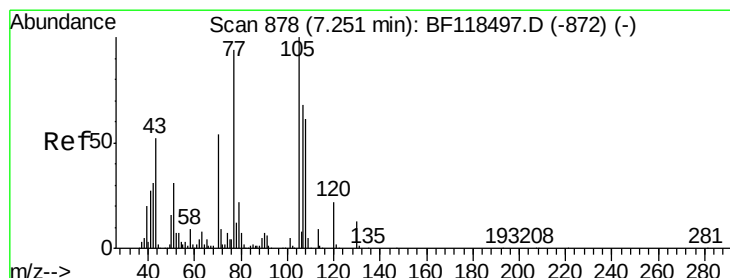
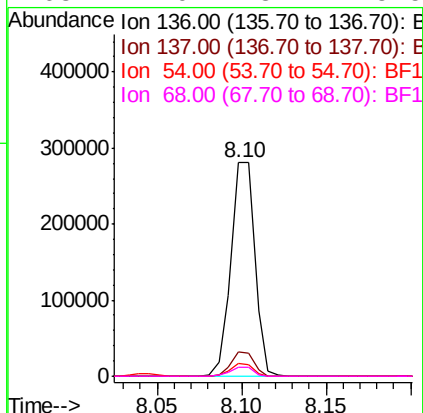
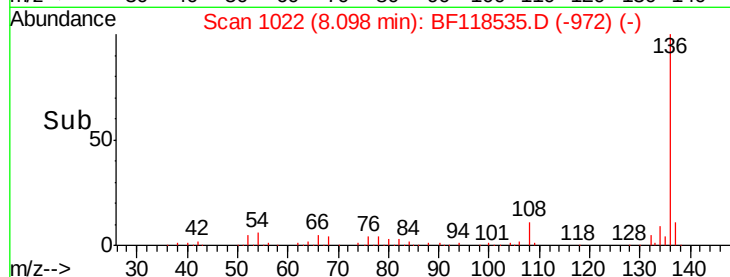
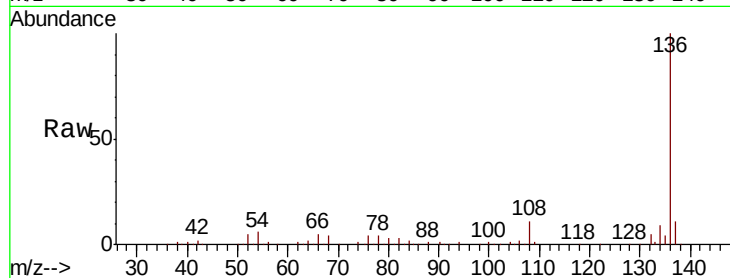
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		276591		
137	11.2		8.5	12.7	
54	6.2		4.8	7.2	
68	4.0		3.7	5.5	

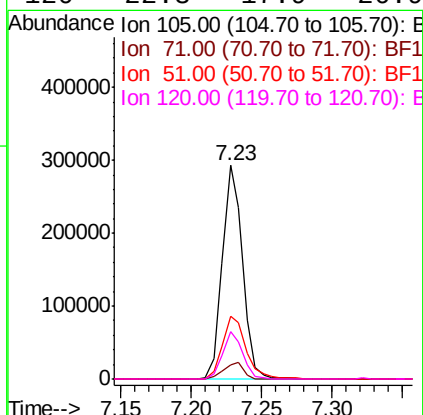
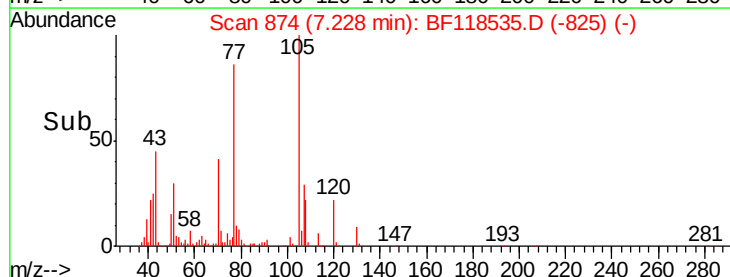
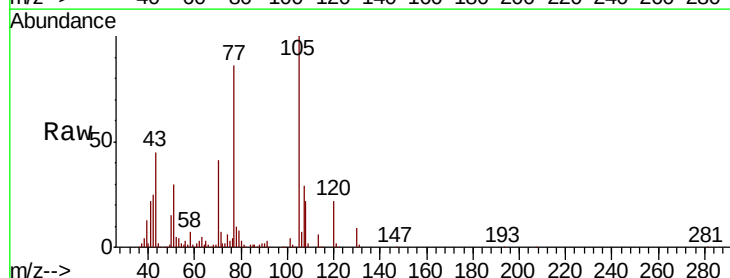
Manual Integrations
APPROVED

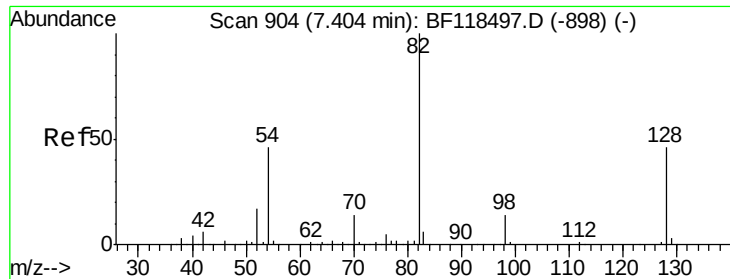
mohammad
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#22
Acetophenone
Concen: 41.547 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		291287		
71	6.7		6.7	10.1#	
51	29.6		27.8	41.8	
120	22.3		17.9	26.9	





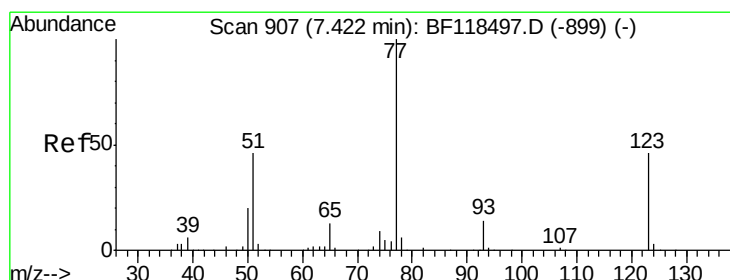
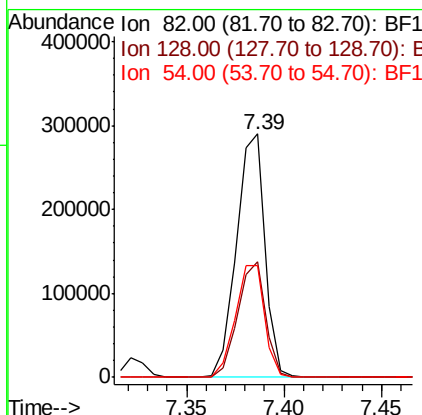
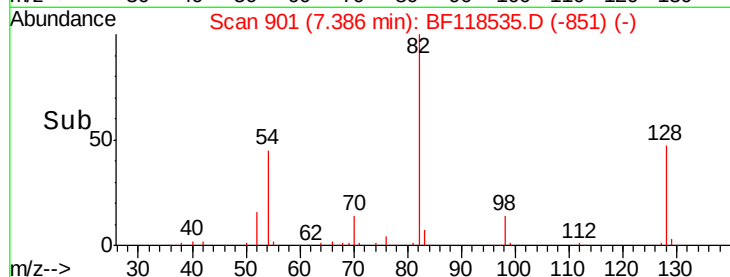
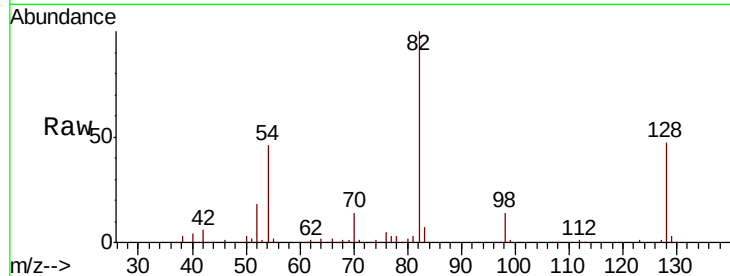
#23
Nitrobenzene-d5
Concen: 55.715 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	293355		
128	47.3		36.6	54.8
54	46.0		38.2	57.2

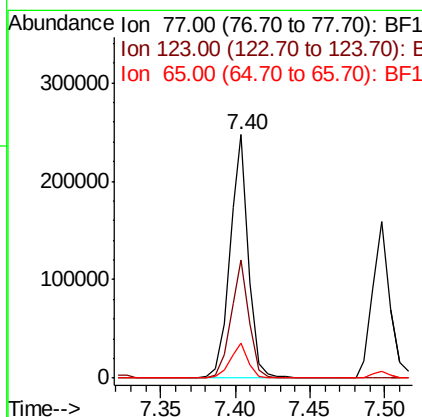
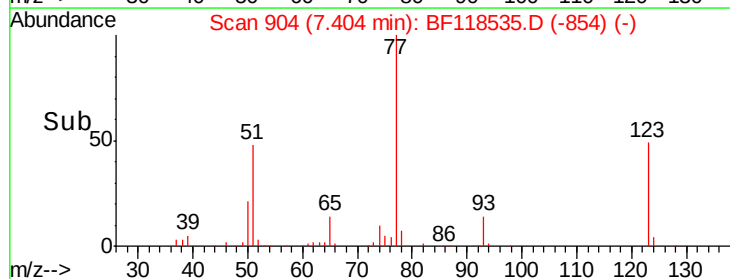
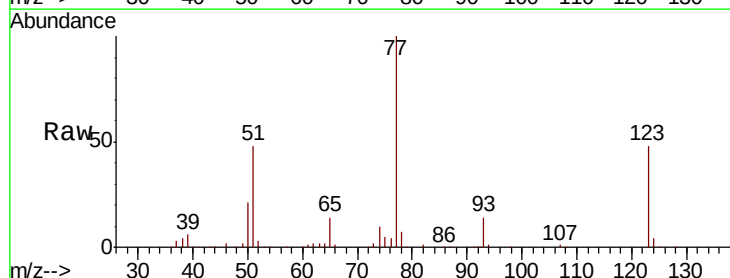
Manual Integrations
APPROVED

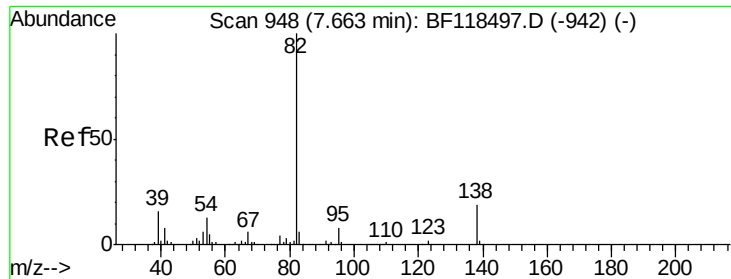
mohammad
1/14/2020 2:31:34 PM



#24
Nitrobenzene
Concen: 41.201 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	215709		
123	48.5		38.2	57.2
65	14.3		11.1	16.7





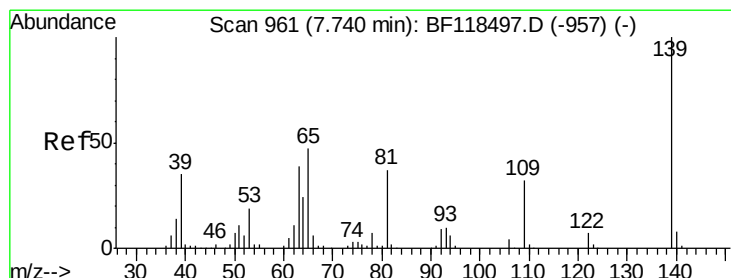
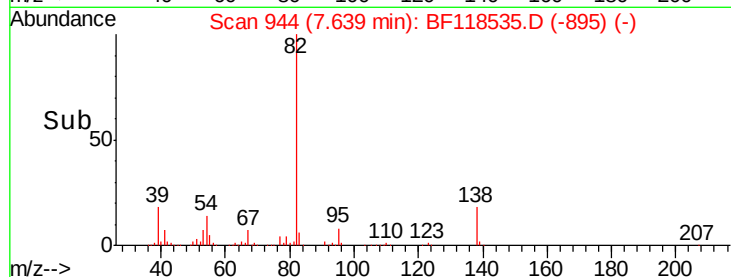
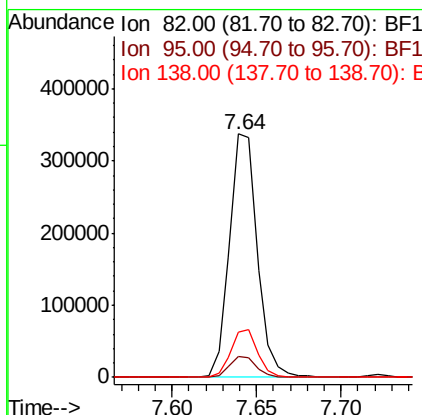
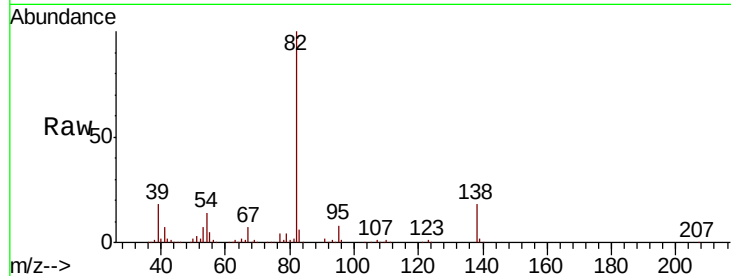
#25
Isophorone
Concen: 45.749 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.3	9.5	
138	18.4	15.7	23.5	

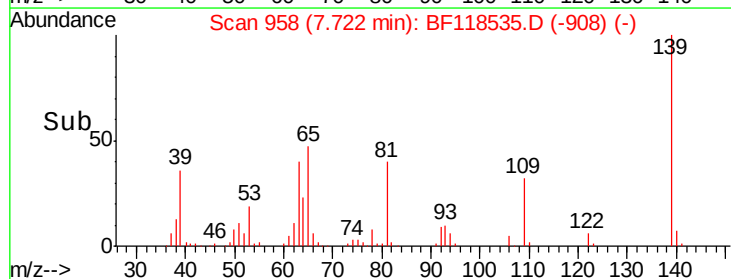
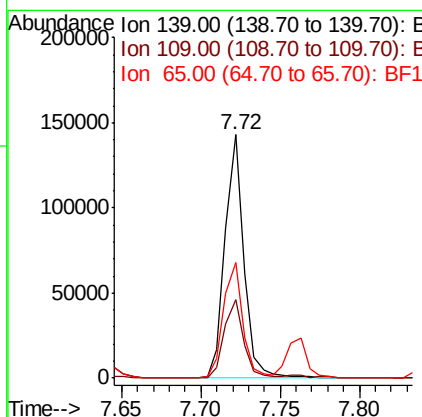
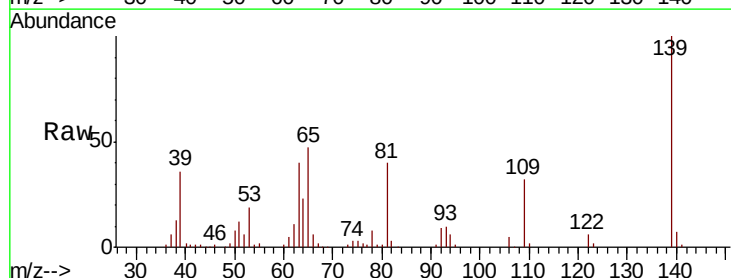
Manual Integrations
APPROVED

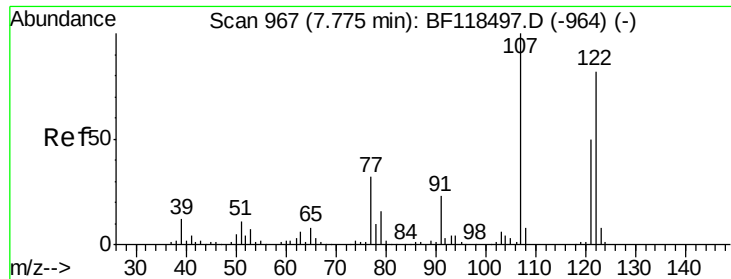
mohammad
1/14/2020 2:31:34 PM



#26
2-Nitrophenol
Concen: 45.758 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.4	26.4	39.6	
65	47.3	35.3	52.9	





#27

2,4-Dimethylphenol

Concen: 53.609 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

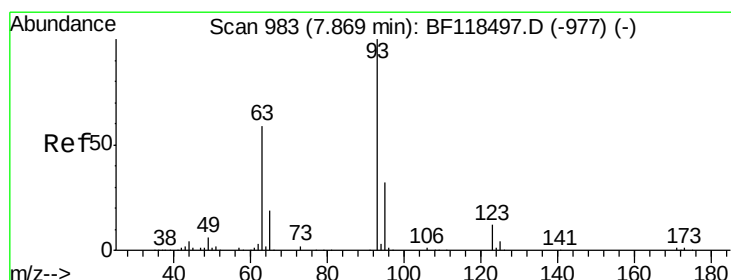
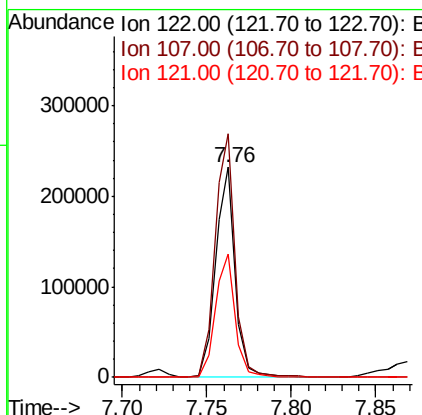
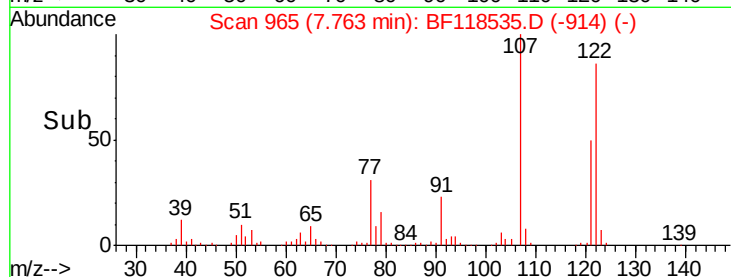
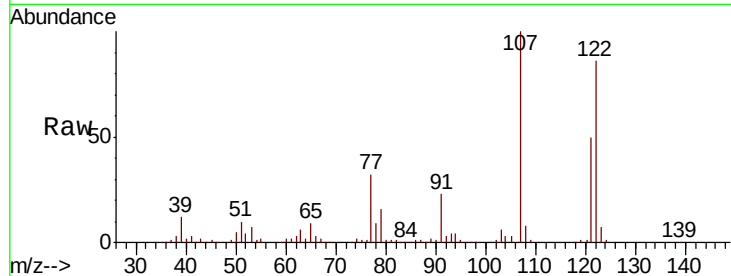
ClientSampleId :

CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	115.9	96.6	145.0		
121	58.5	47.4	71.0		

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#28

bis(2-Chloroethoxy)methane

Concen: 41.621 ng

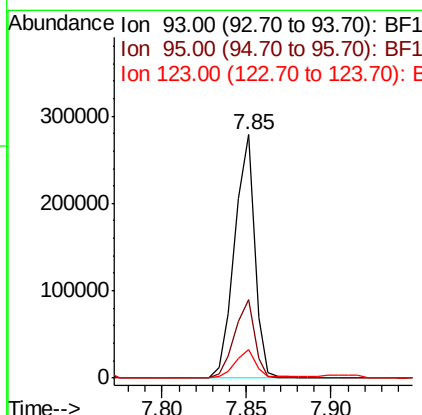
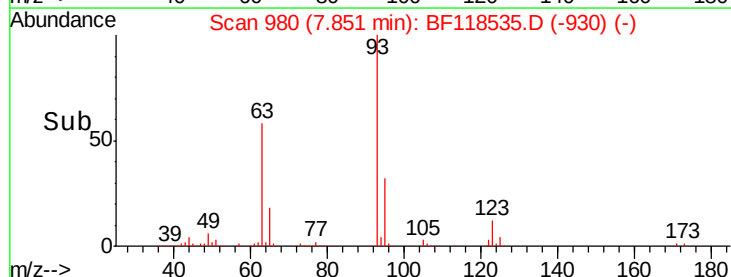
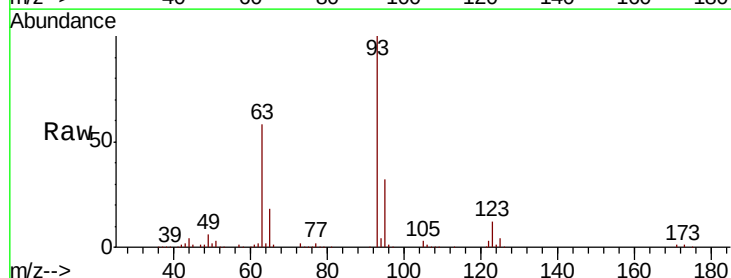
RT: 7.85 min Scan# 980

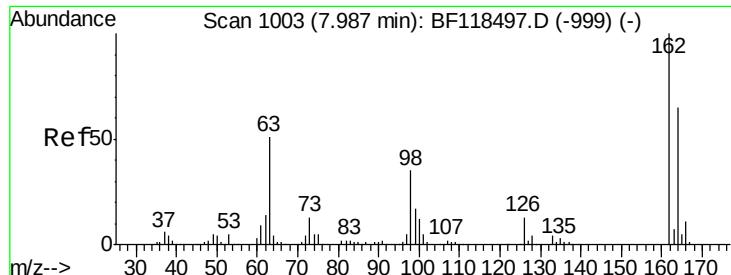
Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	25.8	38.8		
123	11.9	10.0	15.0		





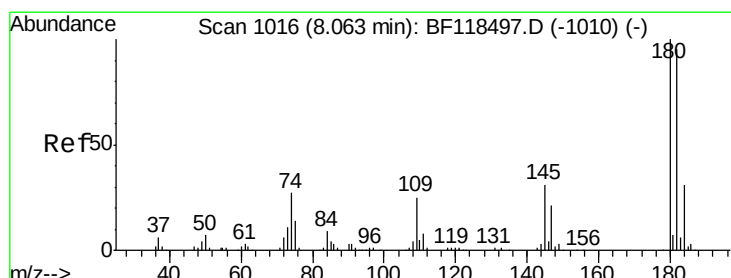
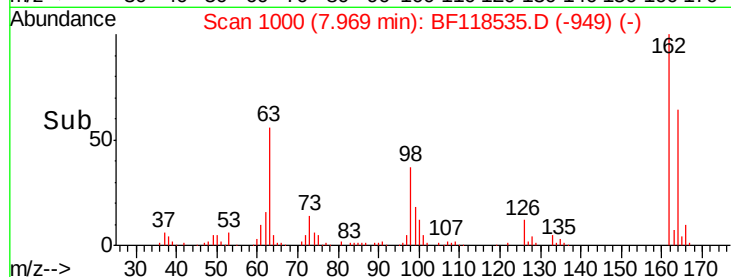
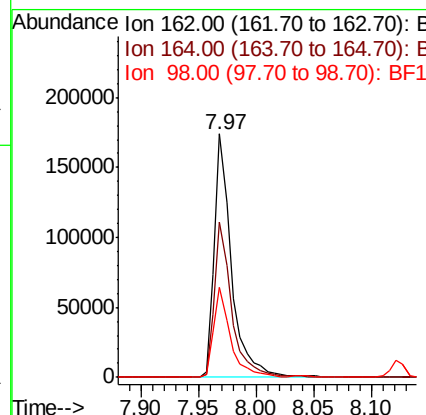
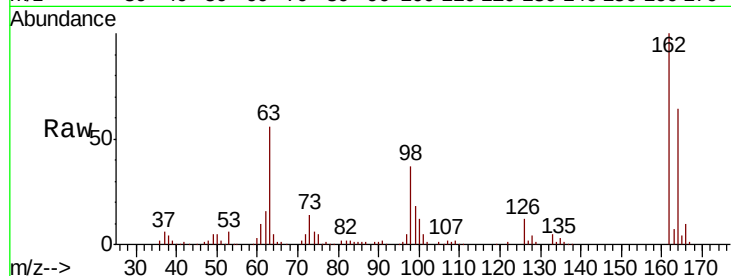
#29
2,4-Dichlorophenol
Concen: 44.575 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	180927		
164	63.7	45.5	85.5	
98	37.0	18.7	58.7	

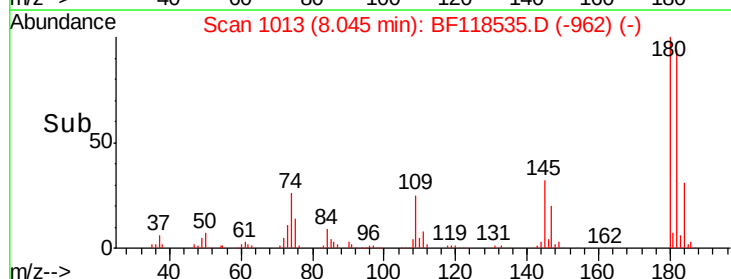
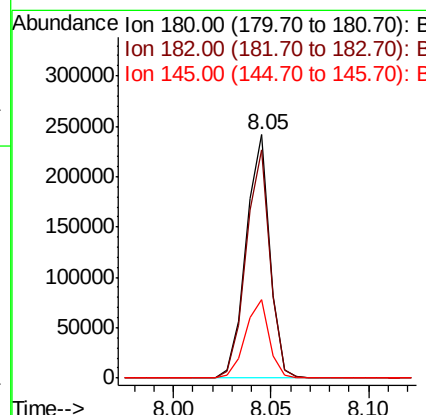
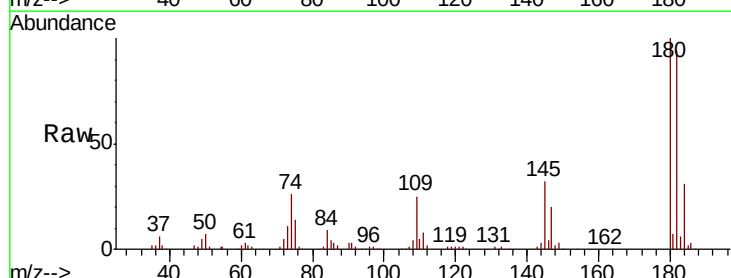
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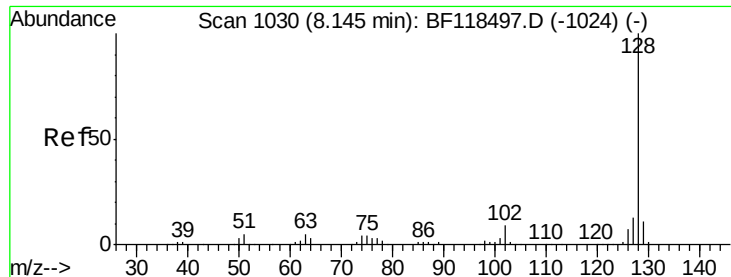
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#30
1,2,4-Trichlorobenzene
Concen: 43.167 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203500		
182	93.8	76.2	114.2	
145	32.5	26.8	40.2	





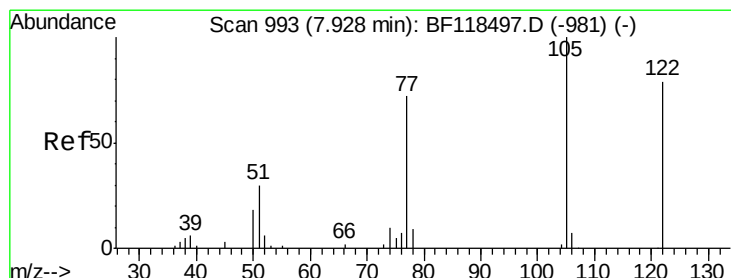
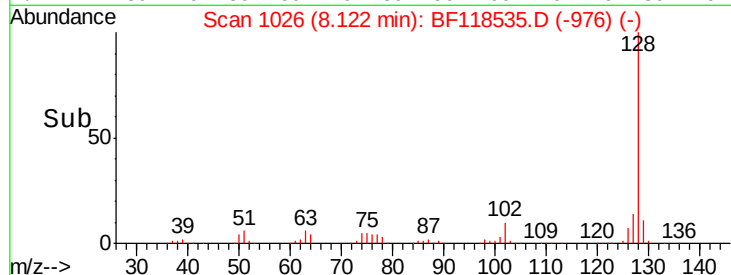
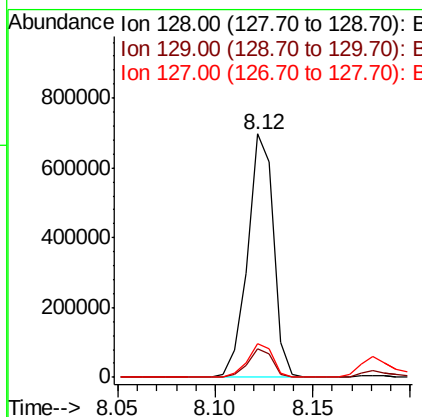
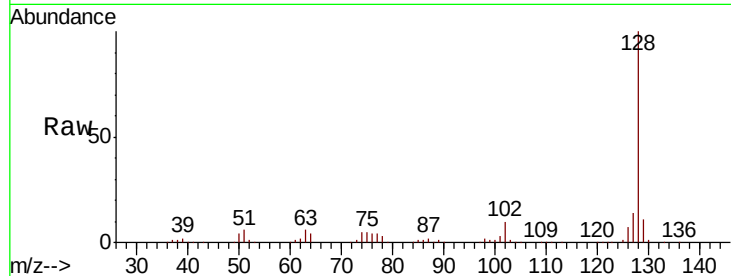
#31
Naphthalene
Concen: 44.262 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.7	10.6	15.8

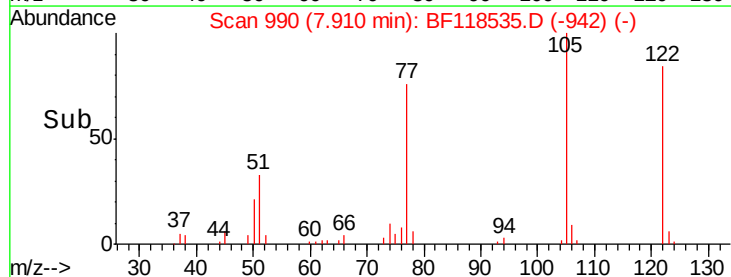
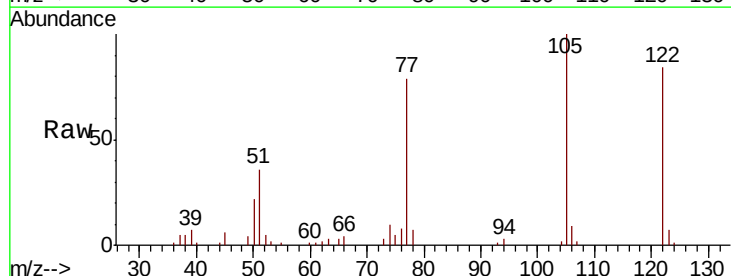
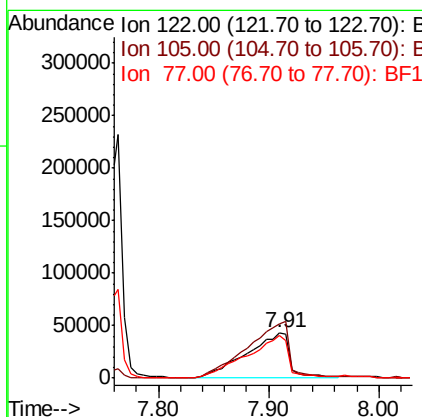
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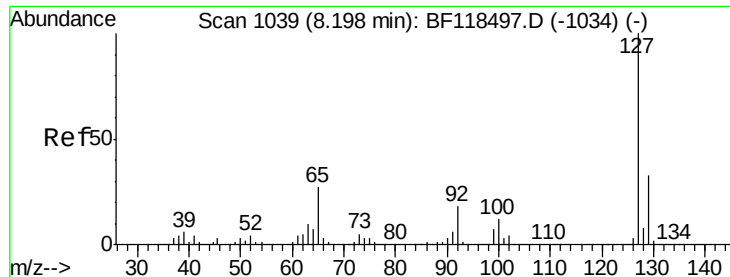
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#32
Benzoic acid
Concen: 48.027 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	109.5	149.5
77	94.0	75.7	115.7





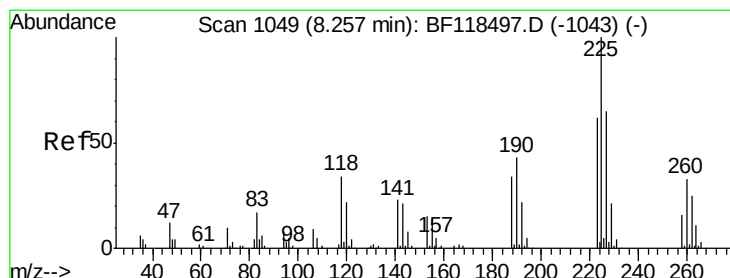
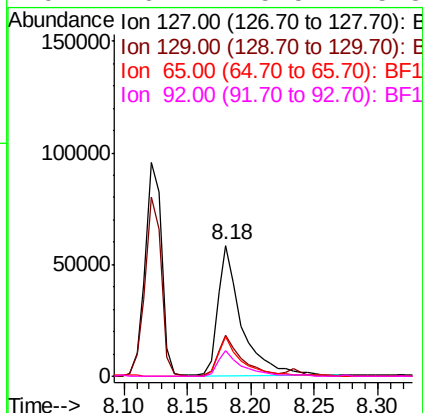
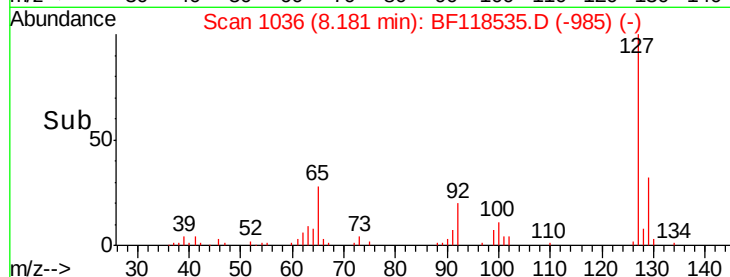
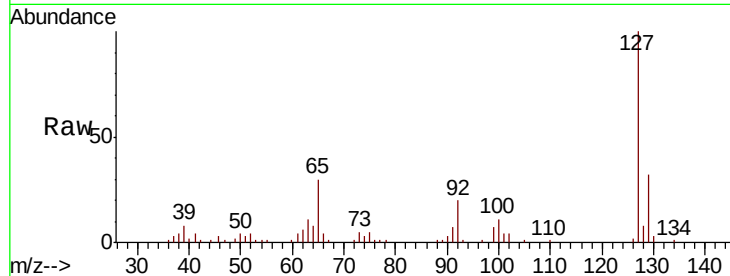
#33
4-Chloroaniline
Concen: 12.911 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.7	38.5		
65	30.3	23.2	34.8		
92	20.1	15.5	23.3		

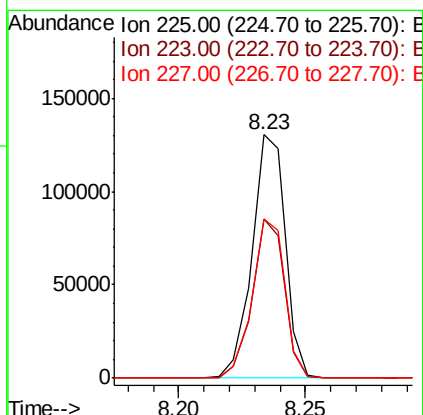
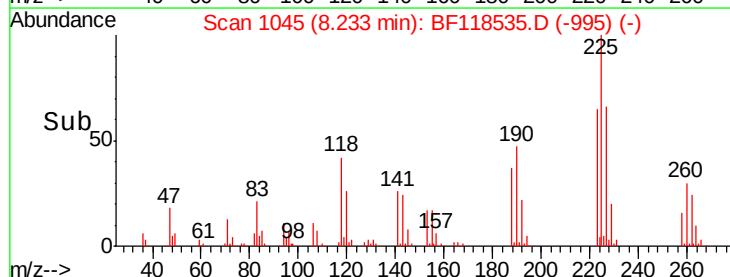
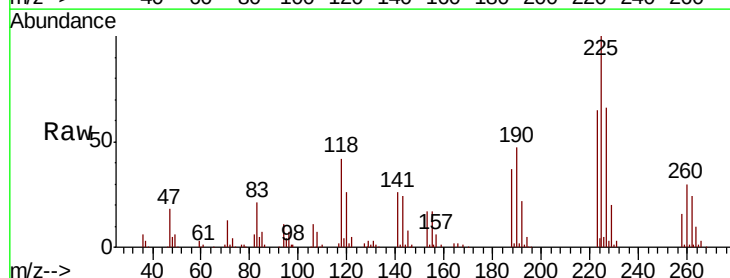
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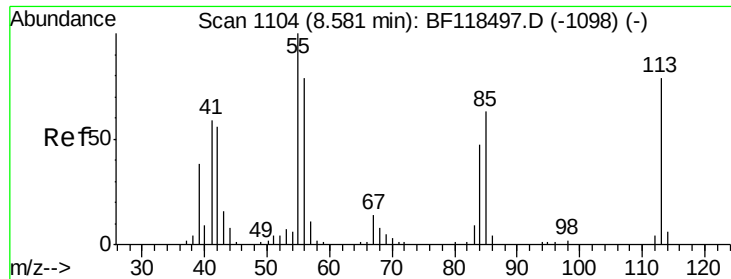
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#34
Hexachlorobutadiene
Concen: 41.307 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	52.0	78.0		
227	65.5	52.0	78.0		





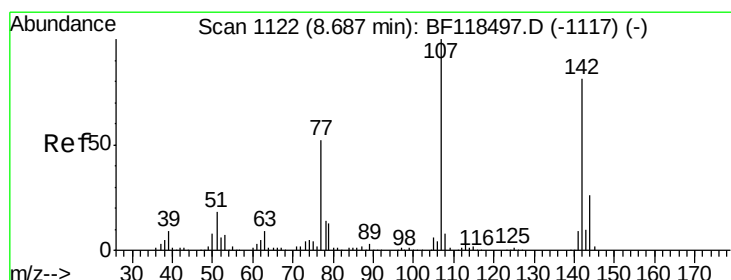
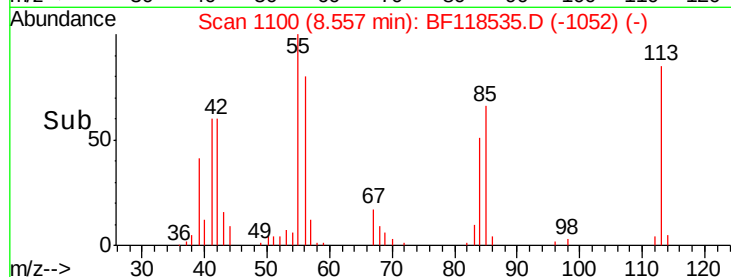
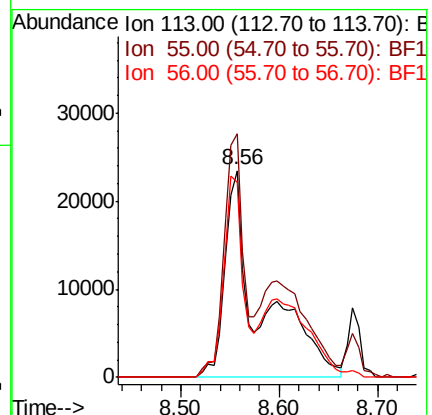
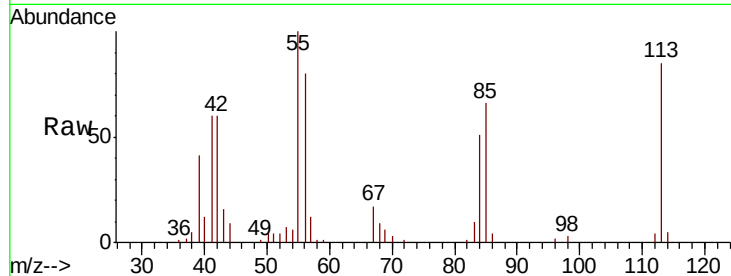
#35
 Caprolactam
 Concen: 48.317 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	117.7	107.6	147.6
56	94.5	87.4	127.4

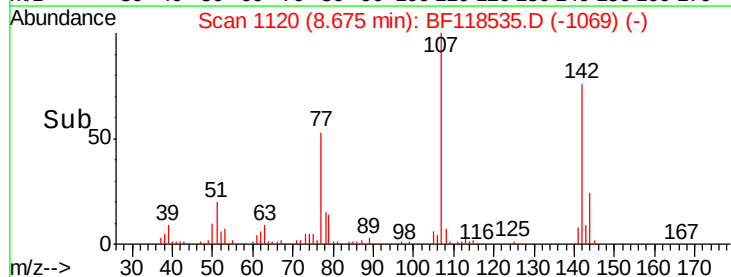
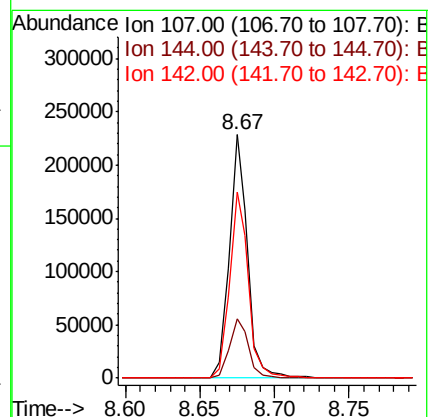
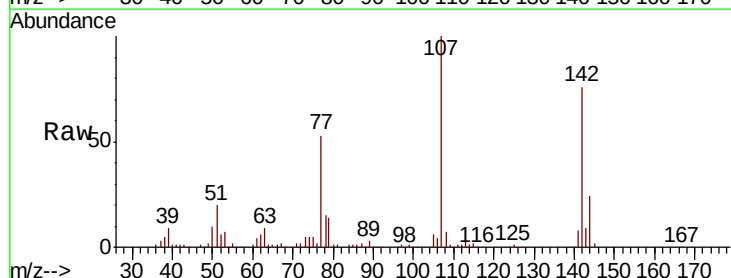
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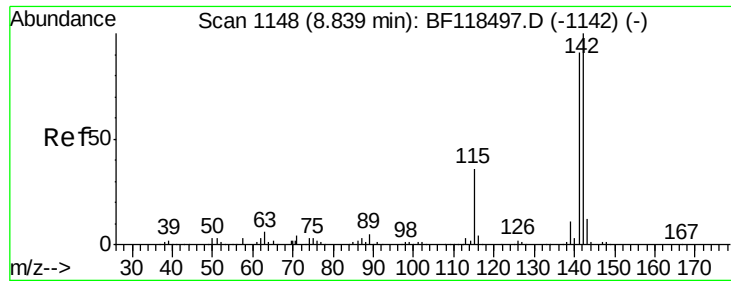
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#36
 4-Chloro-3-methylphenol
 Concen: 45.386 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.3	30.5
142	76.3	63.4	95.2





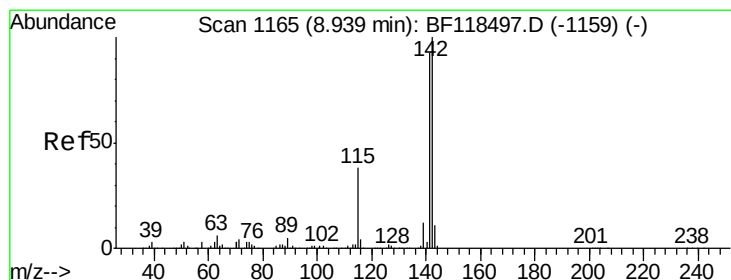
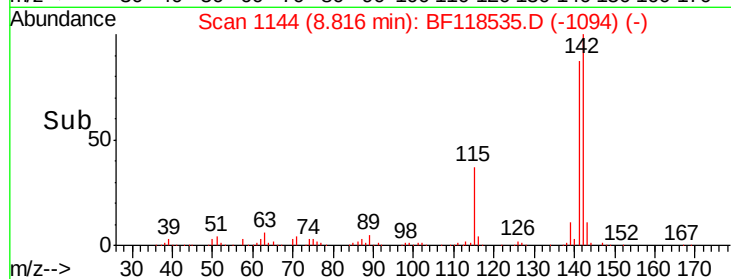
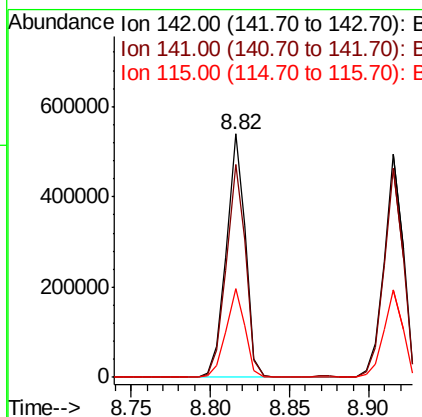
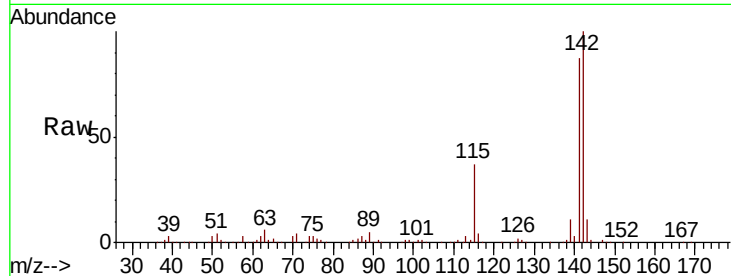
#37
2-Methylnaphthalene
Concen: 45.072 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8
115	36.6	29.4	44.2

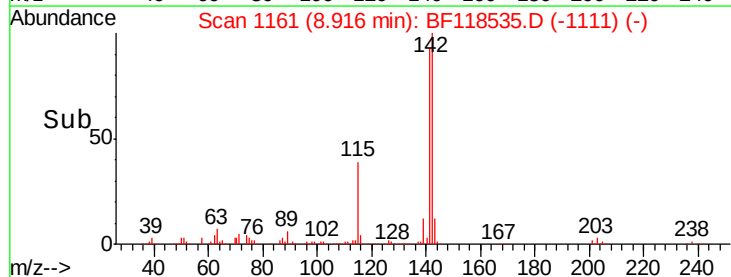
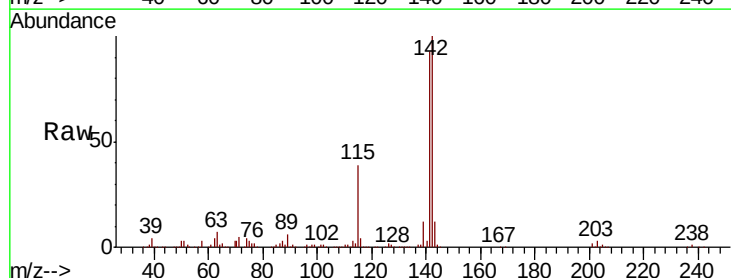
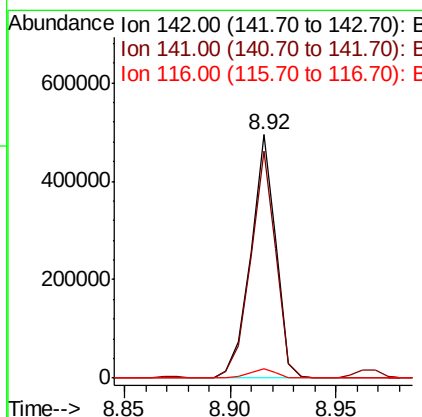
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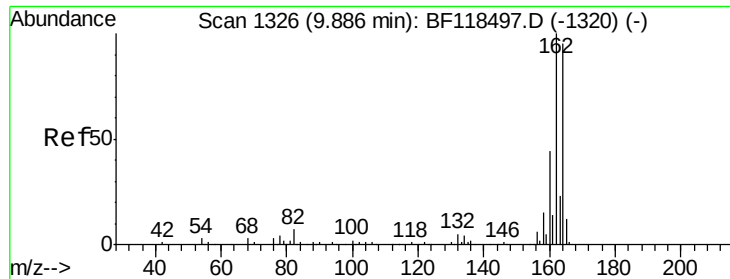
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#38
1-Methylnaphthalene
Concen: 43.795 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.6	110.4
116	4.1	3.2	4.8





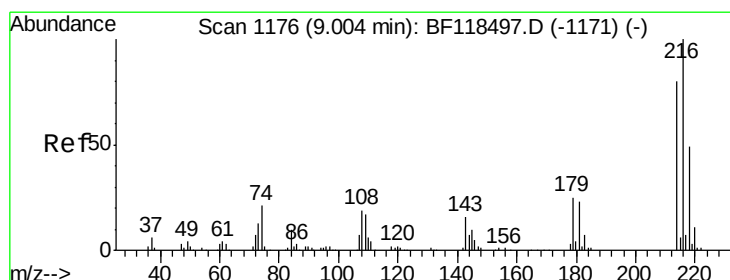
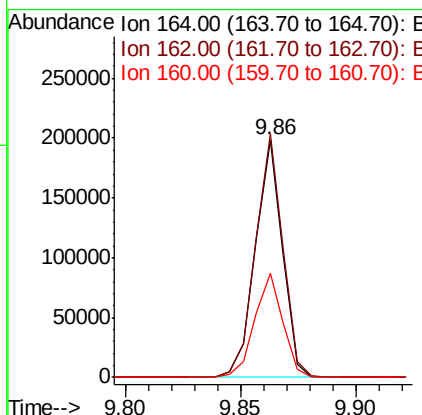
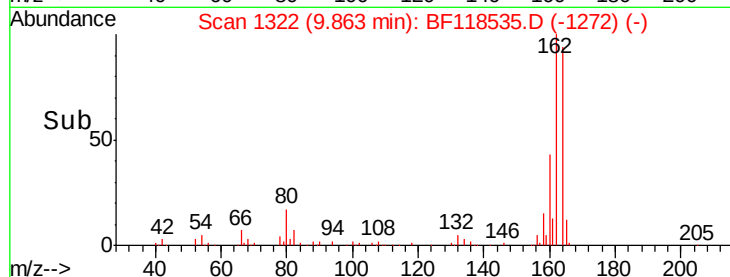
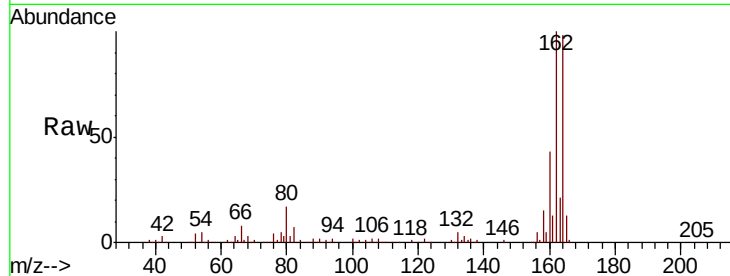
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.3	123.5
160	43.9	35.3	52.9

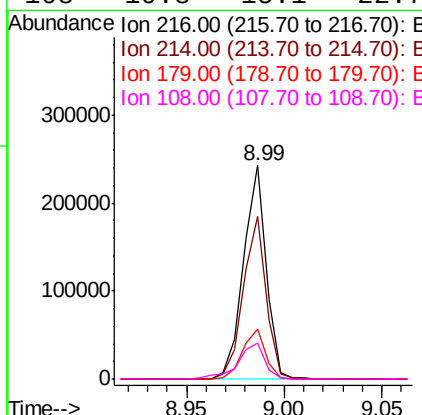
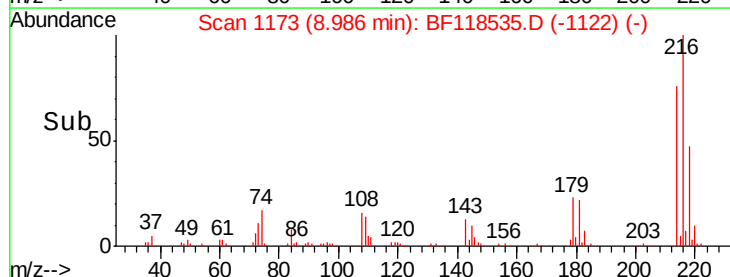
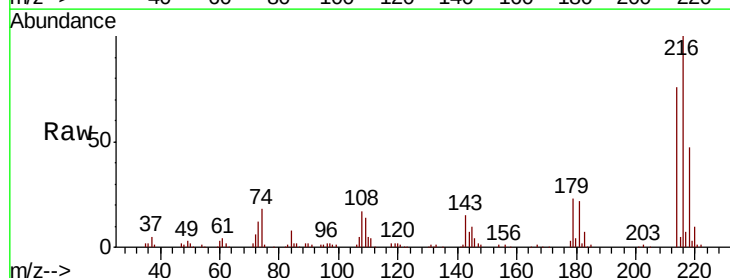
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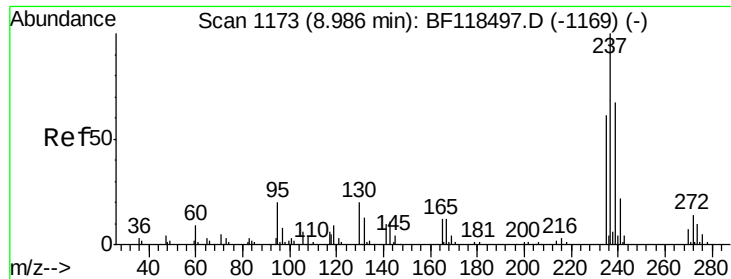
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.223 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.1	62.6	93.8
179	23.5	18.9	28.3
108	19.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 80.511 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

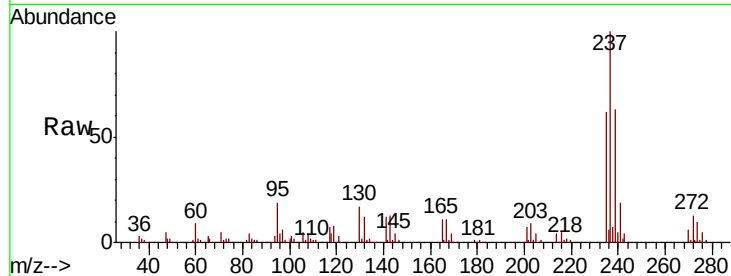
ClientSampleId :

CIY1-SB-01-0-52MS

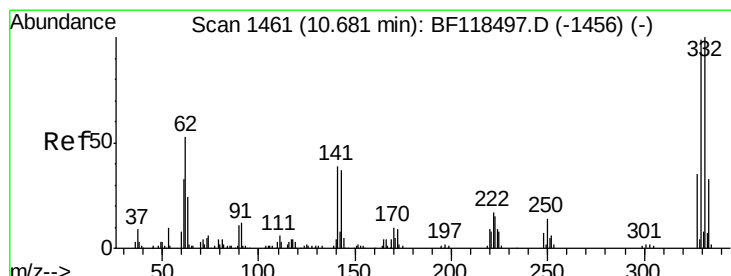
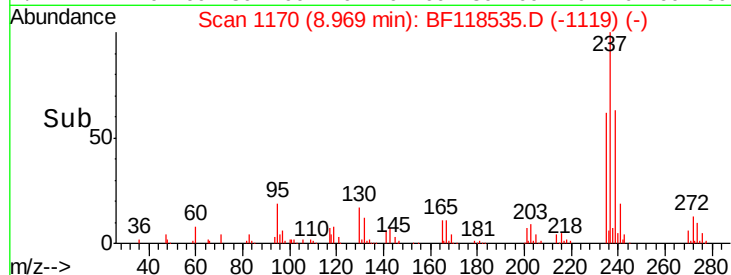
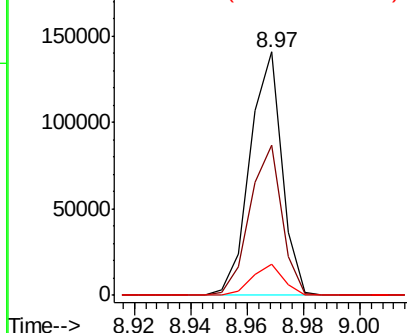
Tot Ion:	237	Resp:	110475
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.5	83.5
272	12.8	0.0	33.3

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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: 96.336 ng

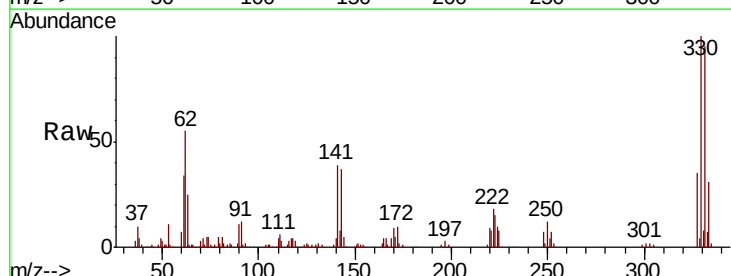
RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

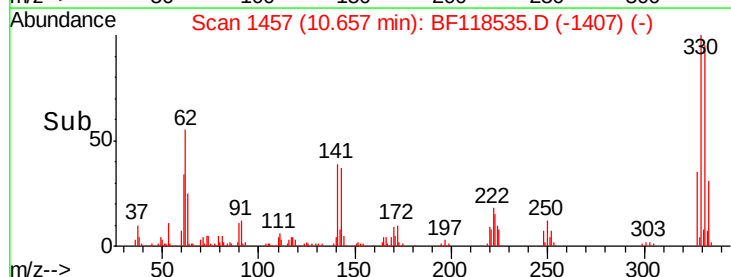
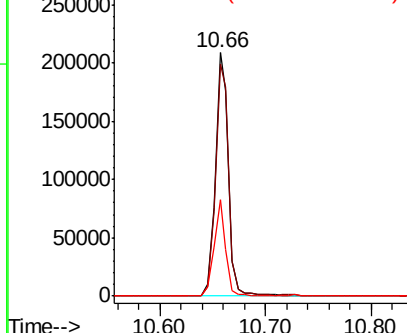
Lab File: BF118535.D

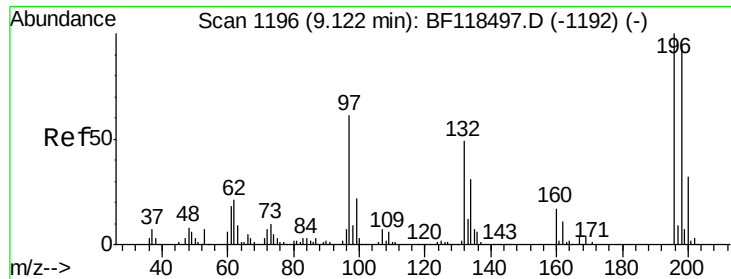
Acq: 13 Jan 2020 17:20

Tgt Ion:	330	Resp:	185543
Ion Ratio	Lower	Upper	
330	100		
332	97.1	75.5	113.3
141	34.7	27.8	41.6



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





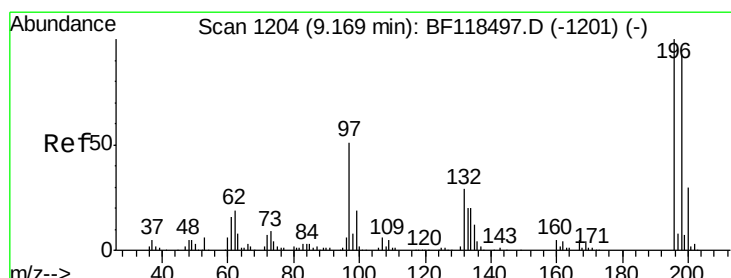
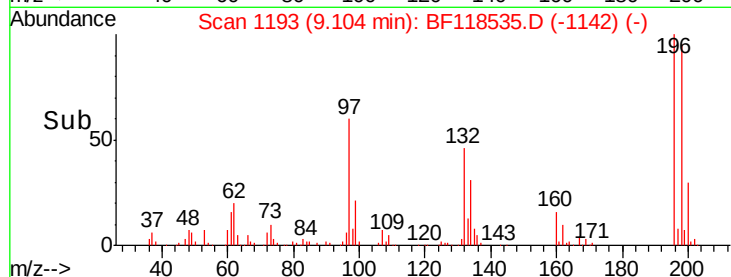
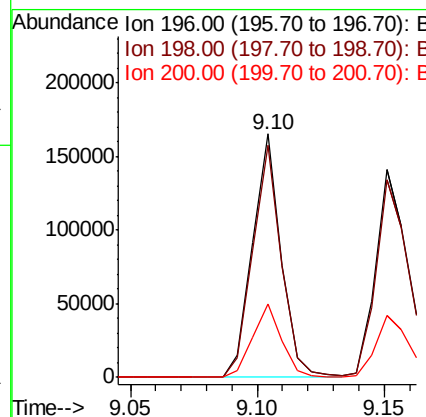
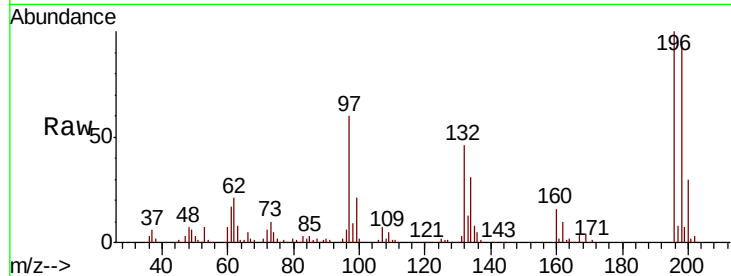
#43
 2,4,6-Trichlorophenol
 Concen: 41.874 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129768		
198	95.2	76.6	115.0	
200	29.9	24.8	37.2	

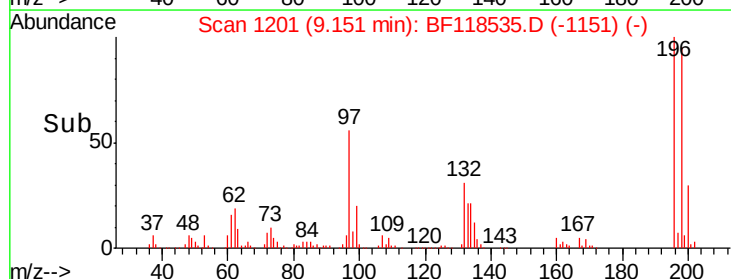
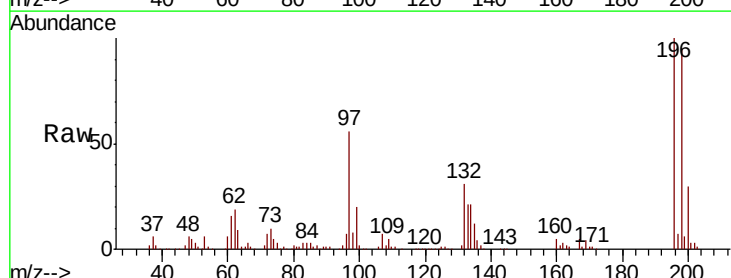
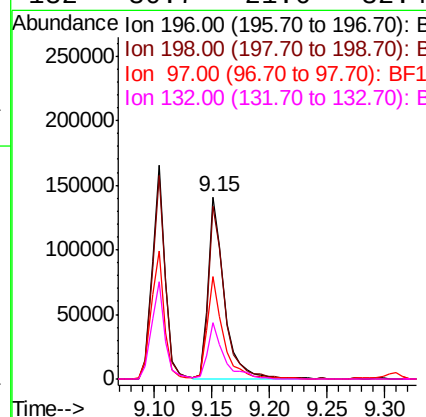
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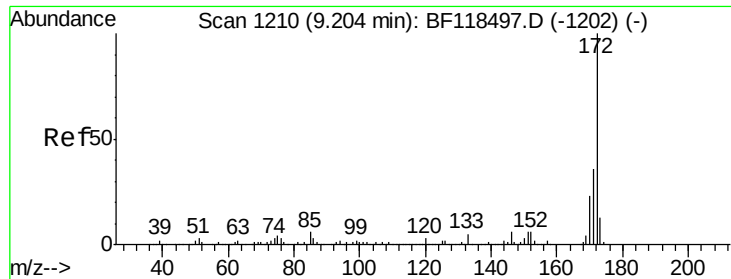
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.363 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139063		
198	94.8	75.8	113.6	
97	56.1	40.1	60.1	
132	30.7	21.6	32.4	





#45

2-Fluorobiphenyl

Concen: 49.956 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

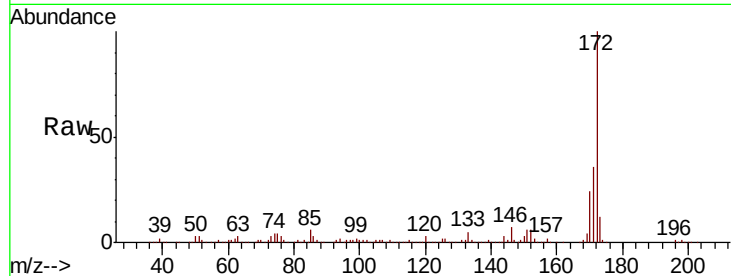
ClientSampleId :

CIY1-SB-01-0-52MS

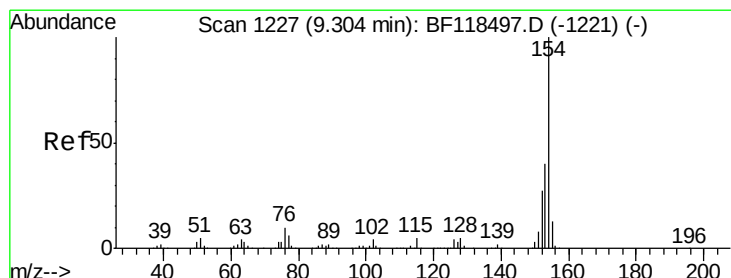
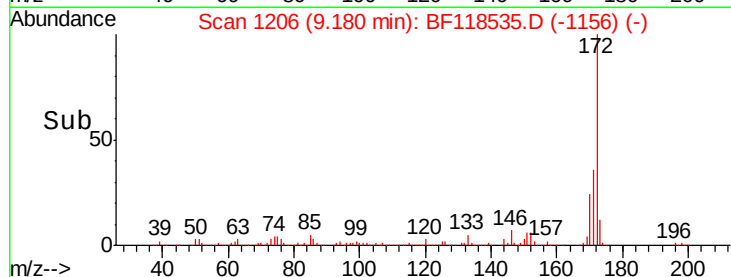
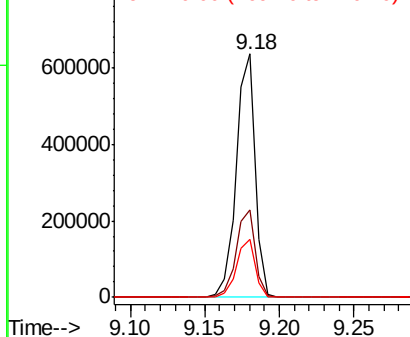
Tot Ion:	172	Resp:	568540
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.3	42.5
170	23.8	19.0	28.4

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.342 ng

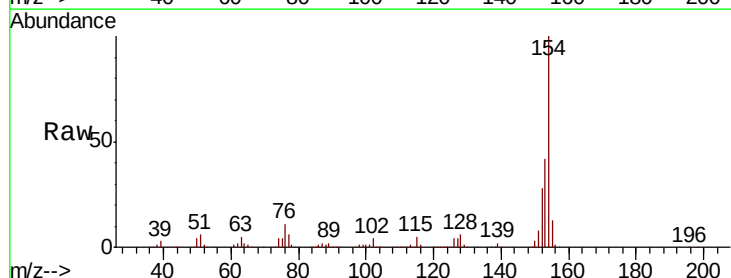
RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

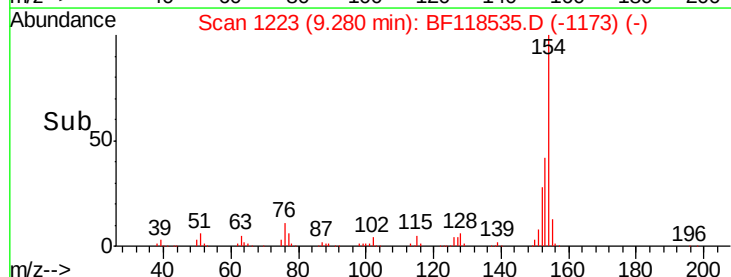
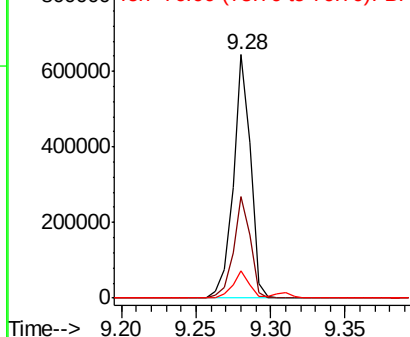
Lab File: BF118535.D

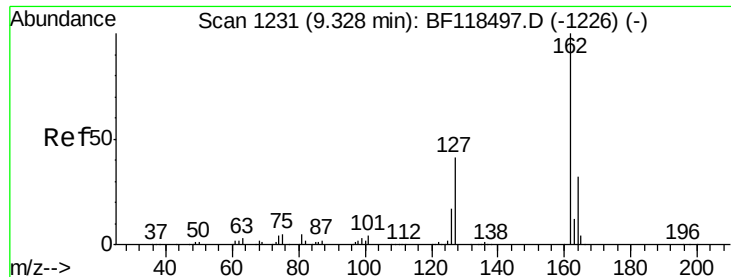
Acq: 13 Jan 2020 17:20

Tgt Ion:	154	Resp:	524692
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.7	60.7
76	11.4	0.0	31.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





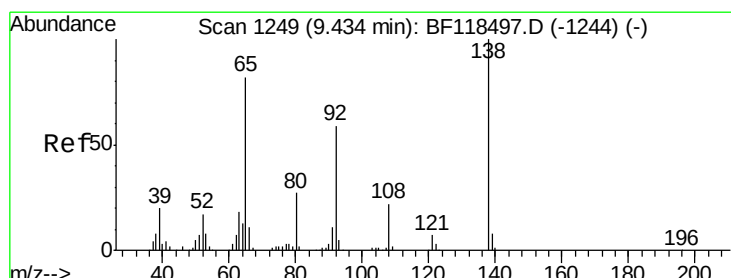
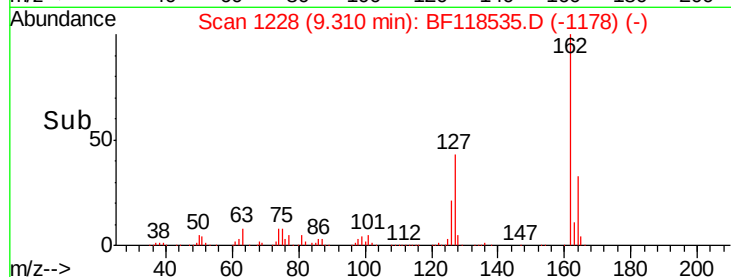
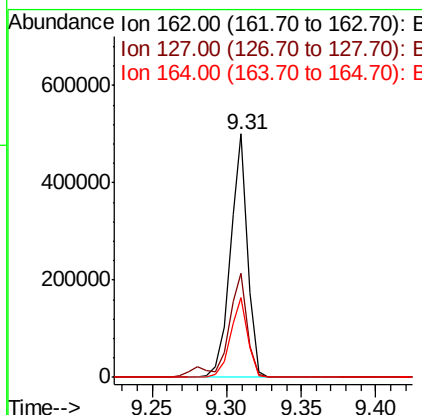
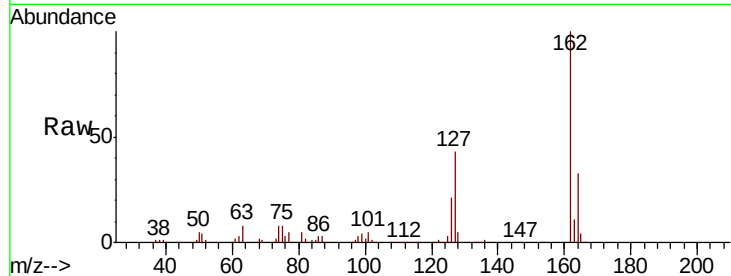
#47
2-Chloronaphthalene
Concen: 38.696 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	408461		
127	42.6		33.7	50.5
164	32.9		26.6	39.8

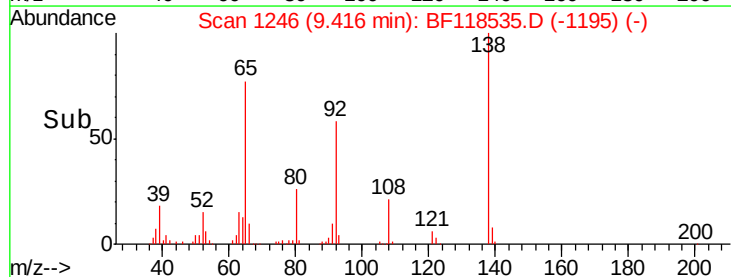
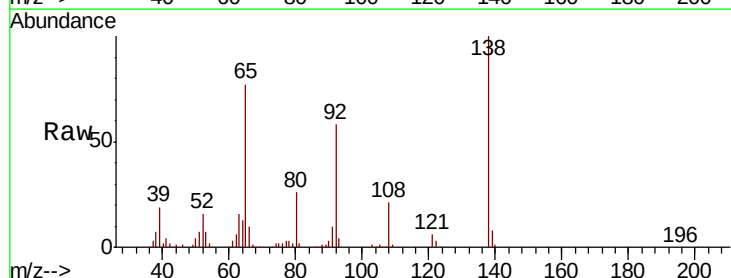
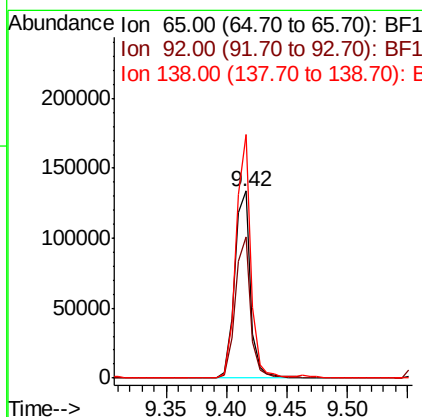
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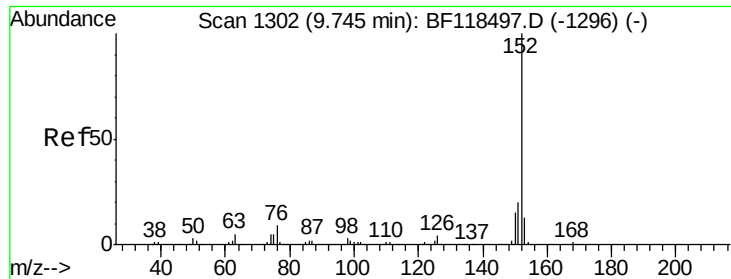
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#48
2-Nitroaniline
Concen: 40.288 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	122890		
92	75.4		55.8	83.8
138	130.1		91.4	137.2





#49

Acenaphthylene

Concen: 44.279 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

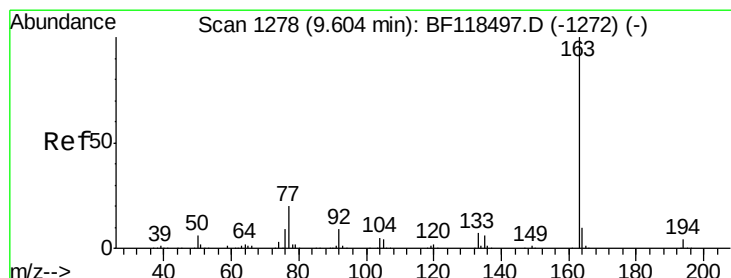
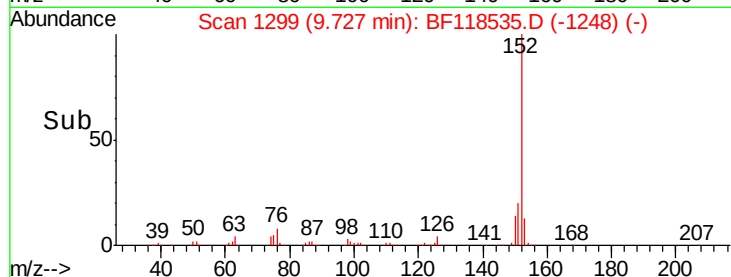
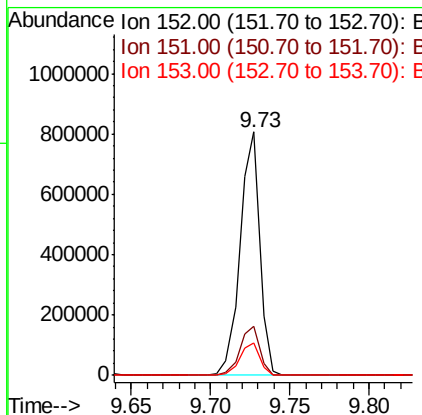
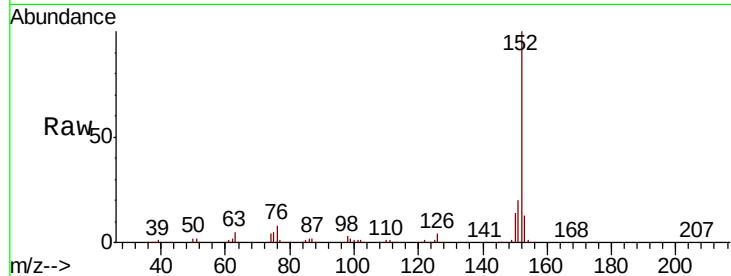
ClientSampleId :

CIY1-SB-01-0-52MS

Tot Ion:	152	Resp:	695738
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 46.842 ng

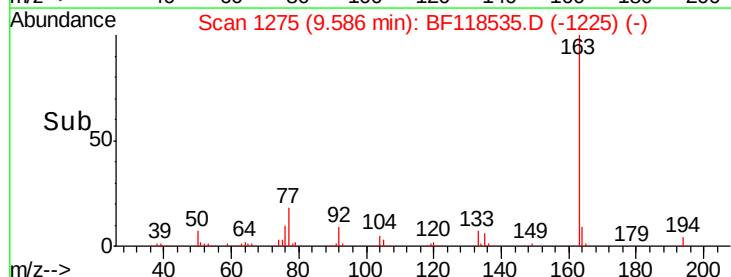
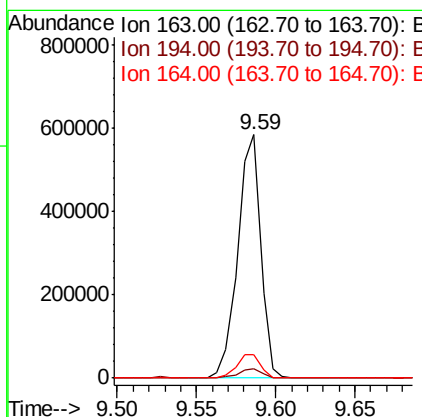
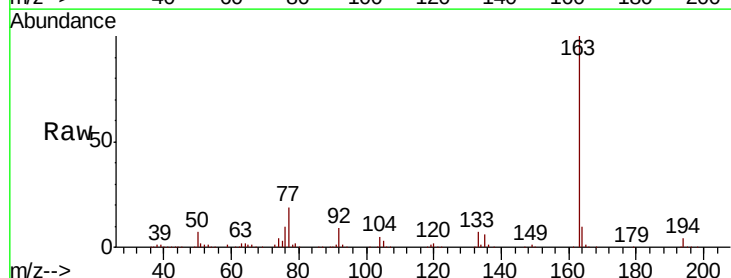
RT: 9.59 min Scan# 1275

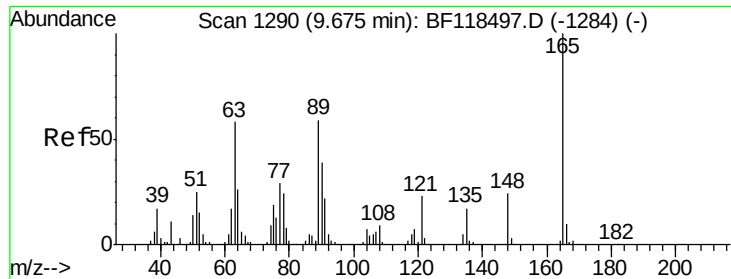
Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion:	163	Resp:	586812
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	9.8	8.0	12.0





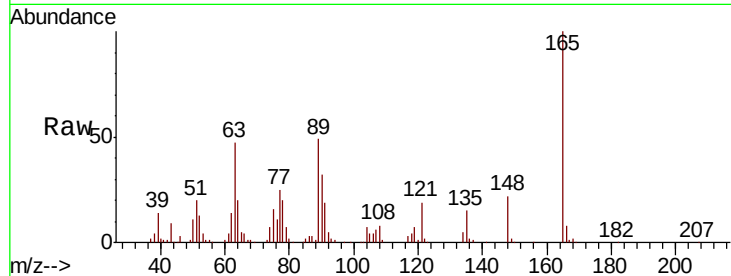
#51
2,6-Dinitrotoluene
Concen: 44.818 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

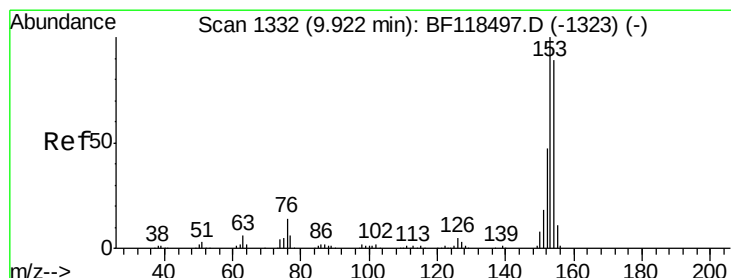
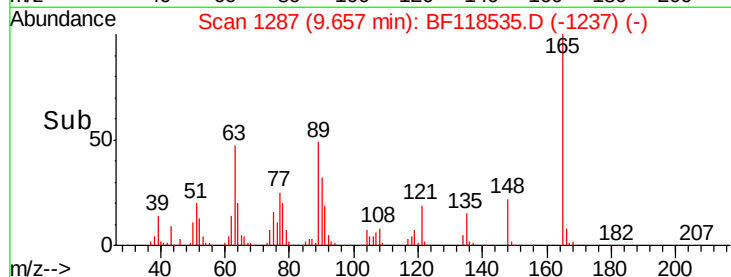
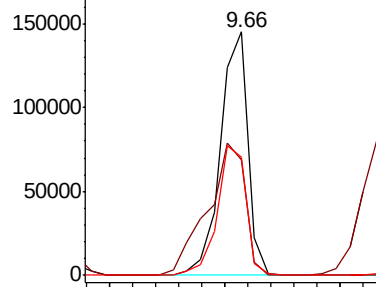
Tot Ion	Ratio	Resp	Lower	Upper
165	100	120911		
63	47.2		37.8	56.6
89	48.6		42.0	63.0

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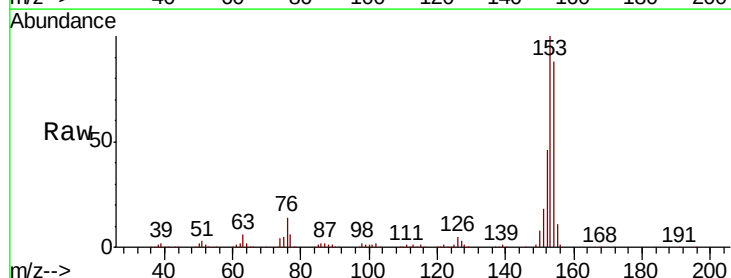


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

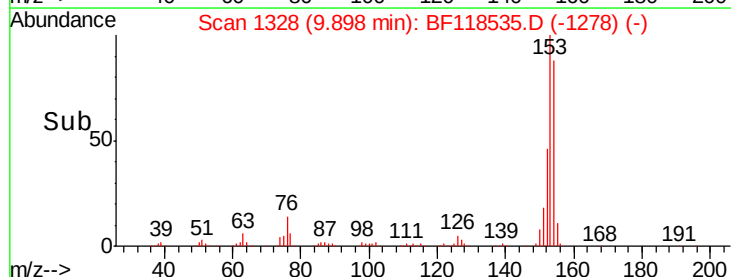
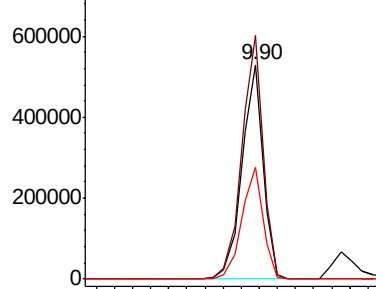


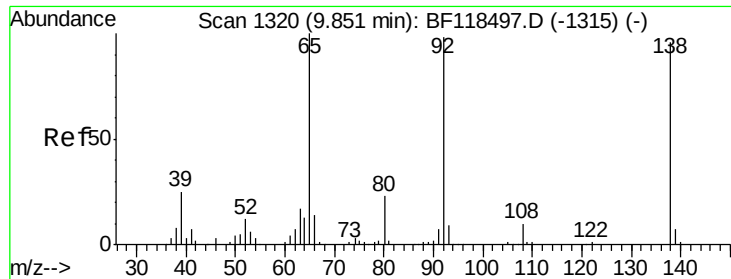
#52
Acenaphthene
Concen: 44.545 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	427409		
153	113.6		90.2	135.4
152	52.0		41.6	62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





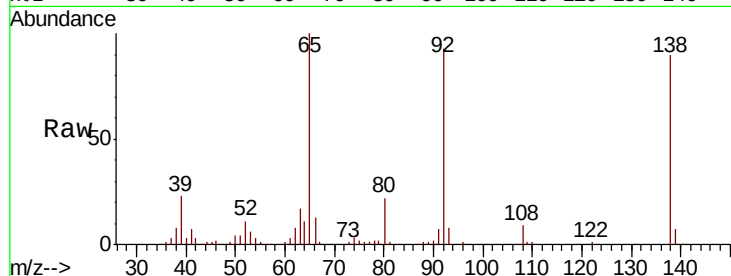
#53
3-Nitroaniline
Concen: 23.070 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.4	12.6
92	103.5	87.5	131.3

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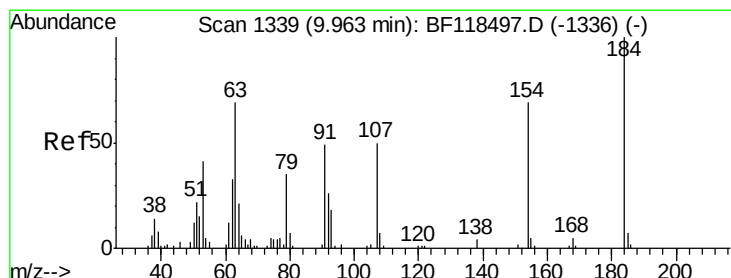
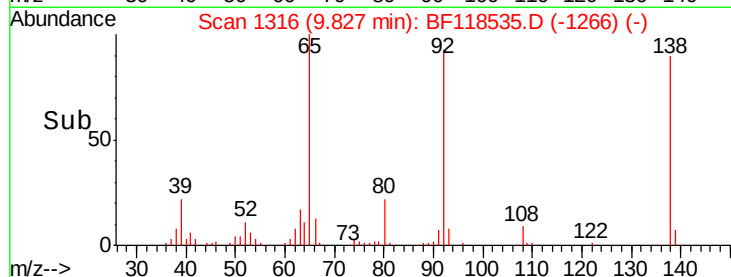
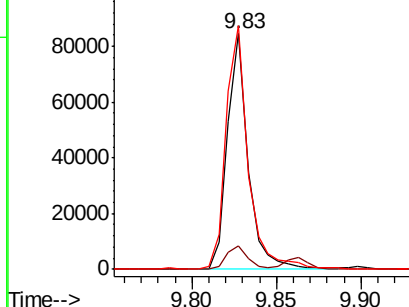


Abundance

Ion 138.00 (137.70 to 138.70): E

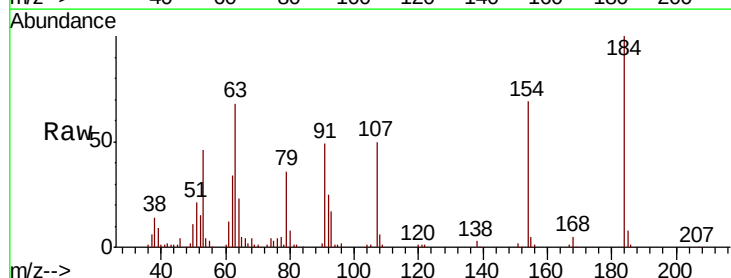
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 82.918 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	52.1	78.1
154	69.5	59.1	88.7

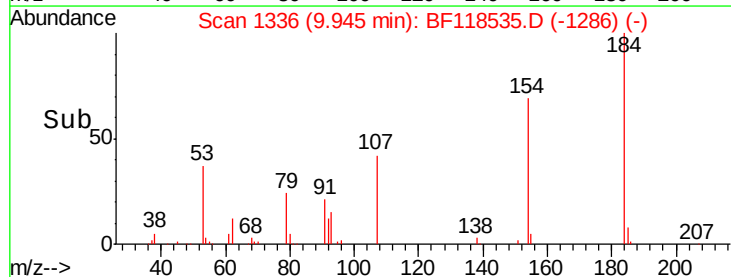
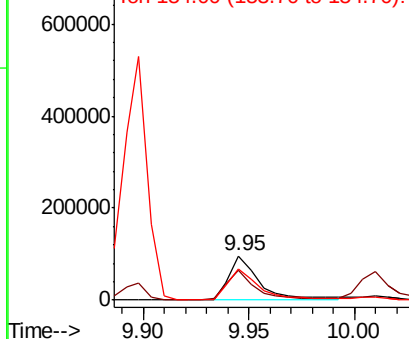


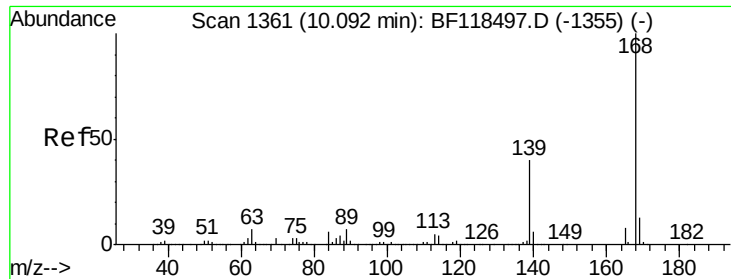
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





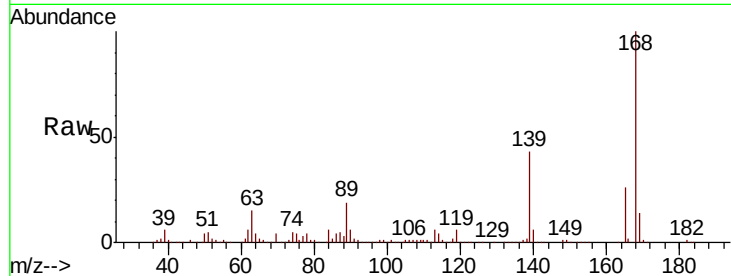
#55
Dibenzenofuran
Concen: 42.345 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.4	34.1	51.1
169	13.6	10.6	16.0

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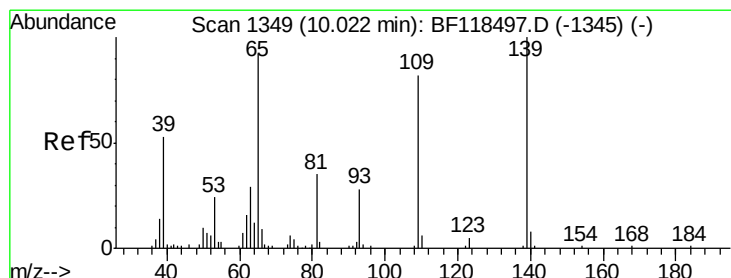
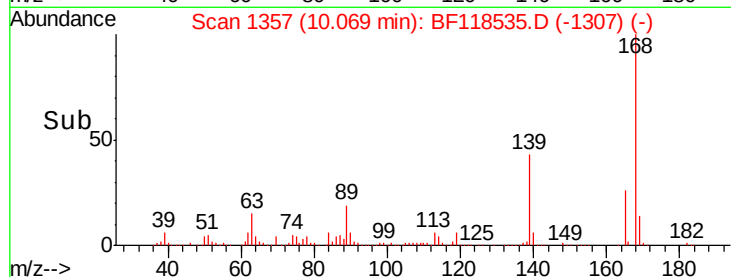
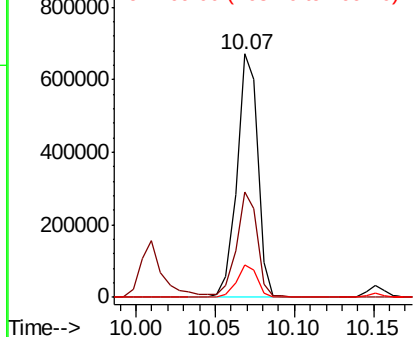


Abundance

Ion 168.00 (167.70 to 168.70): E

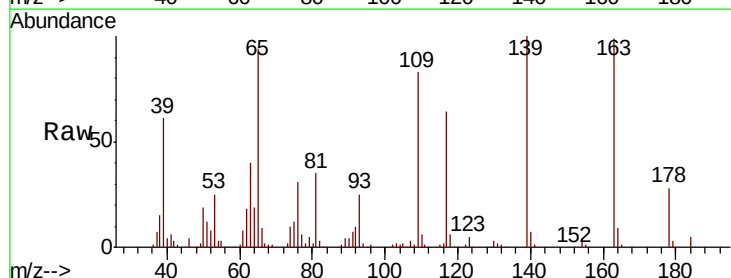
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 101.621 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.4	68.0	108.0
65	93.8	71.8	111.8

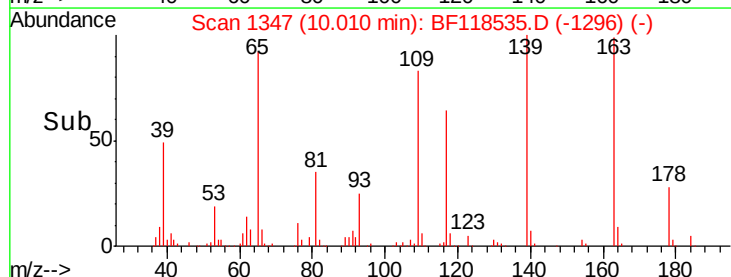
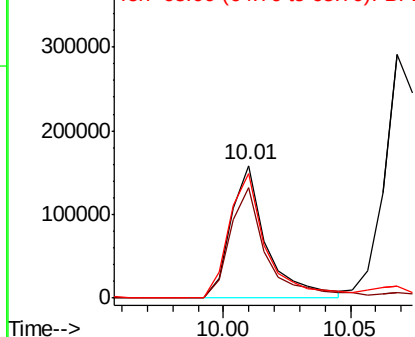


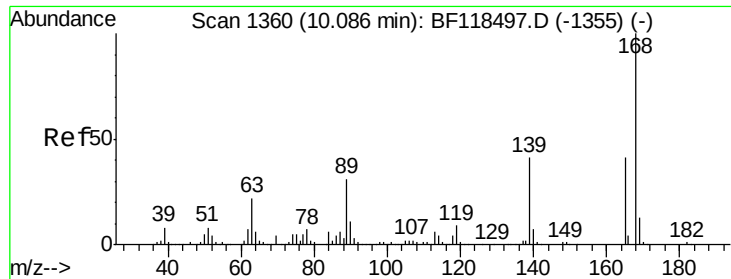
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





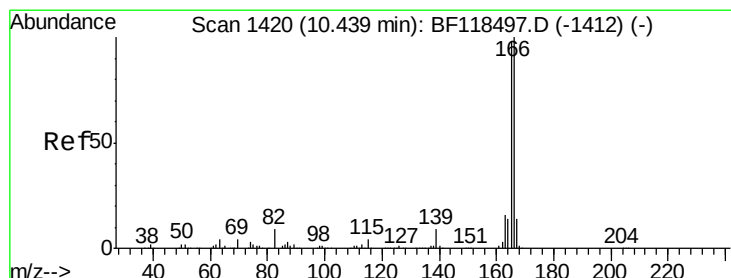
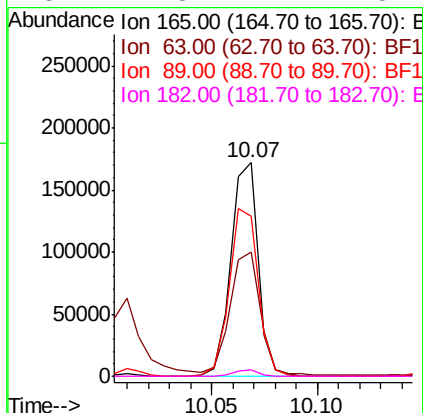
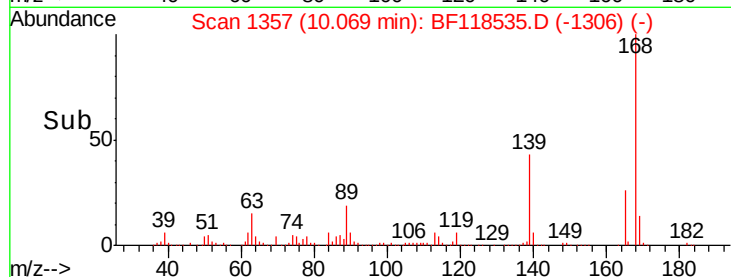
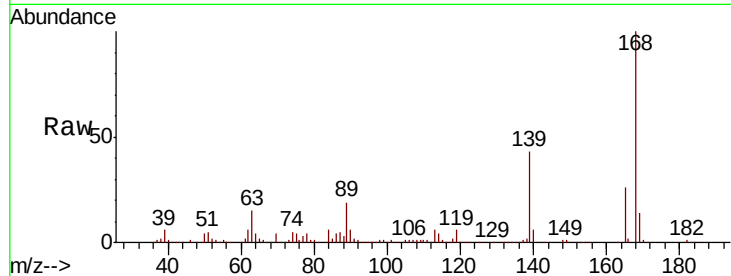
#57
 2,4-Dinitrotoluene
 Concen: 42.201 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	48.3	72.5
89	75.1	65.1	97.7
182	2.8	2.2	3.2

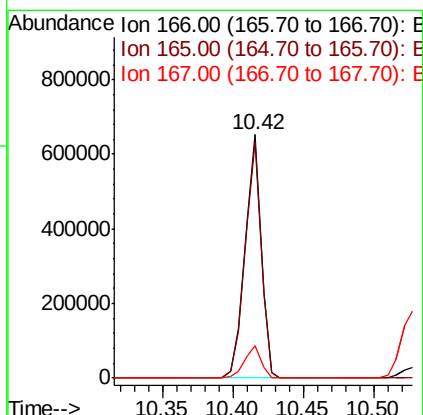
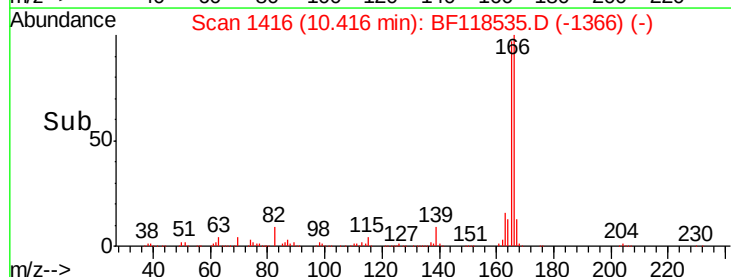
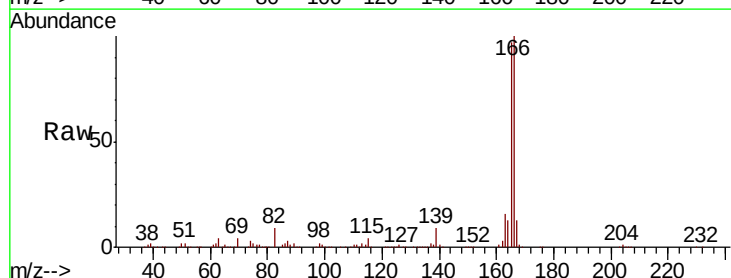
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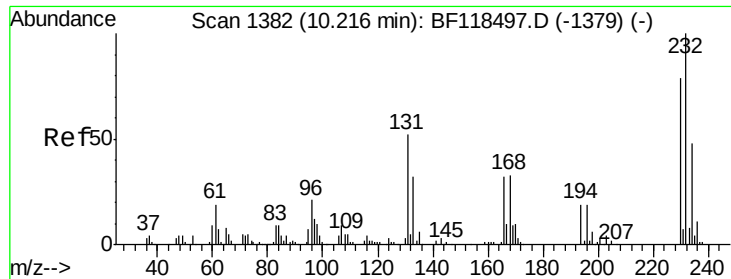
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#58
 Fluorene
 Concen: 45.253 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.4	117.6
167	13.2	10.6	16.0





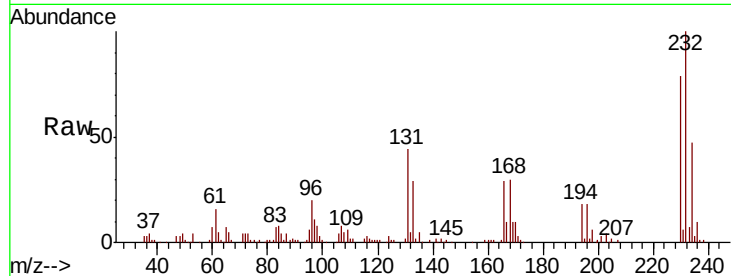
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.152 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

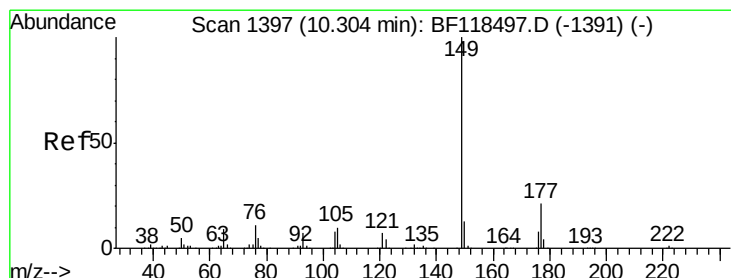
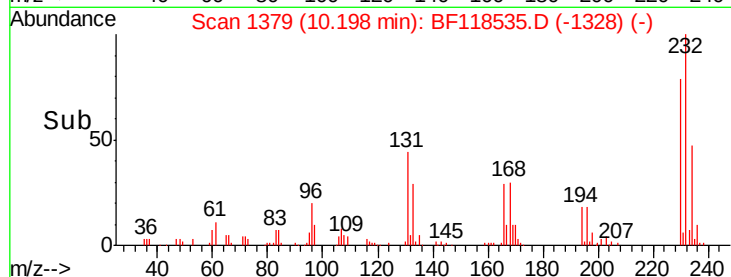
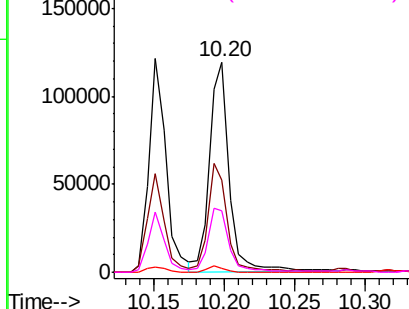
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		114318		
131	49.7	40.9	61.3		
130	2.6	2.3	3.5		
166	31.5	24.6	36.8		

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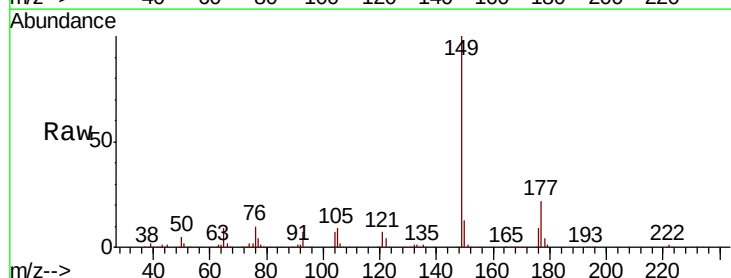


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

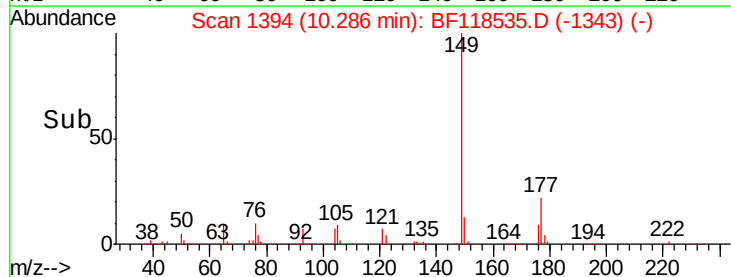
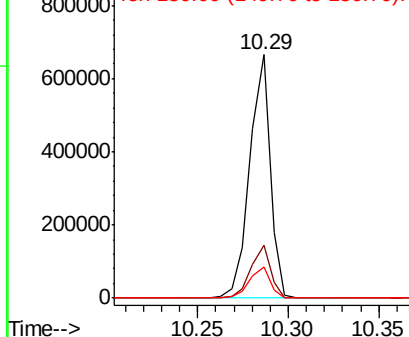


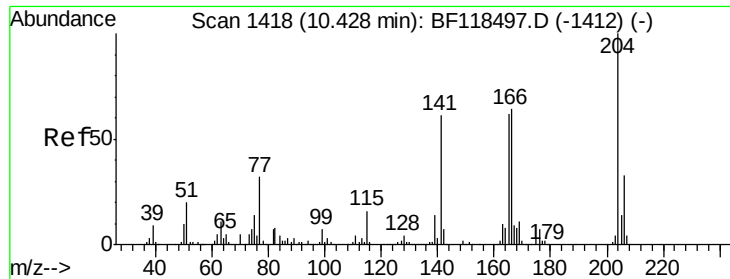
#60
 Diethylphthalate
 Concen: 41.231 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		525803		
177	21.8	17.1	25.7		
150	12.6	10.2	15.4		



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





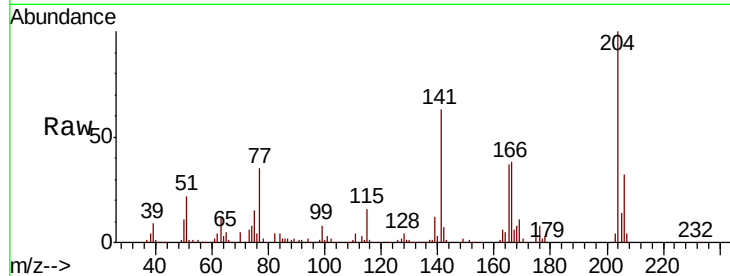
#61
4-Chlorophenyl-phenylether
Concen: 43.968 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.6	40.0
141	63.2	57.7	86.5

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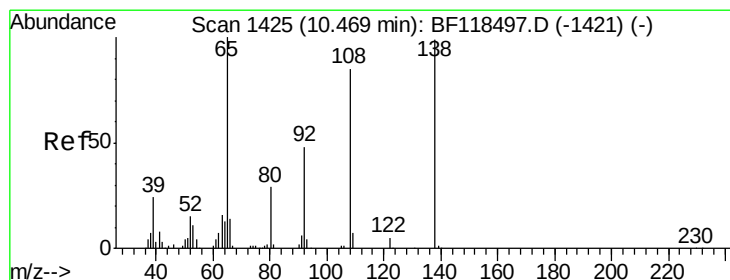
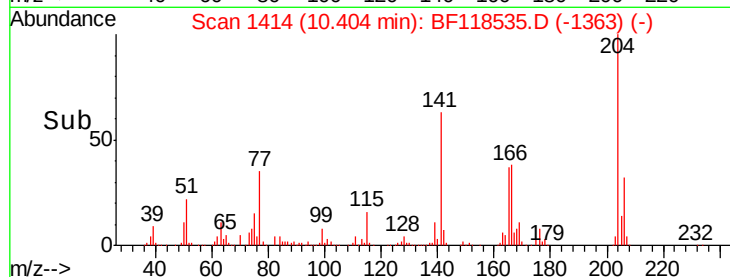
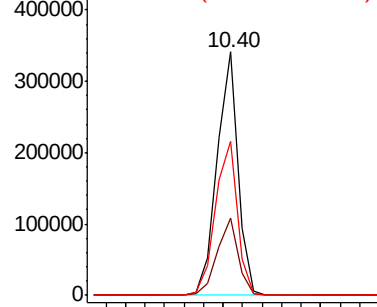


Abundance

Ion 204.00 (203.70 to 204.70): E

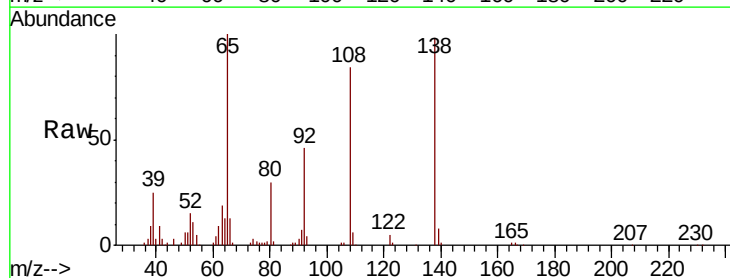
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.572 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	26.4	66.4
108	85.5	65.6	105.6

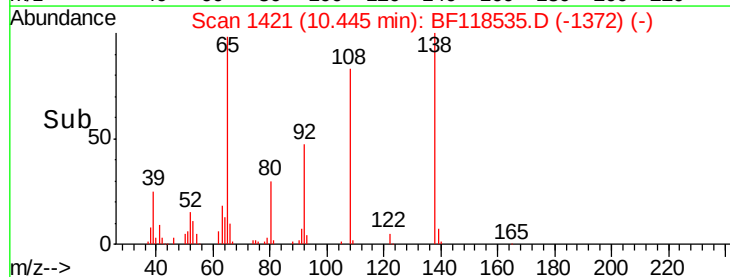
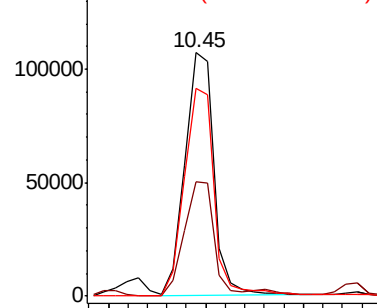


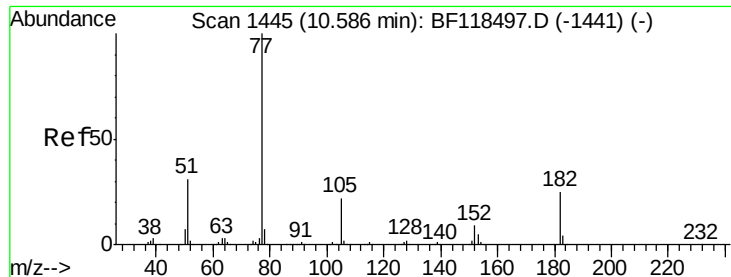
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





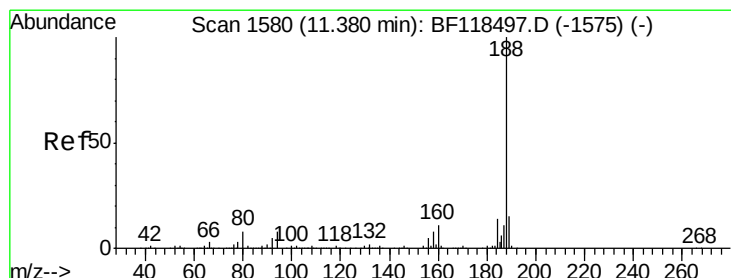
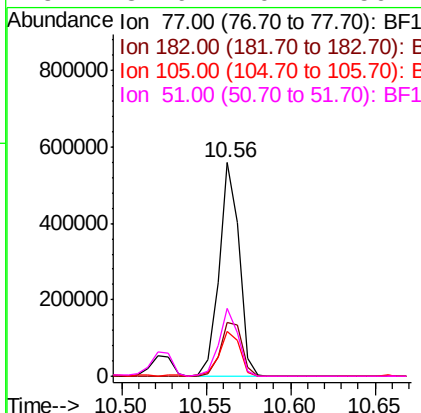
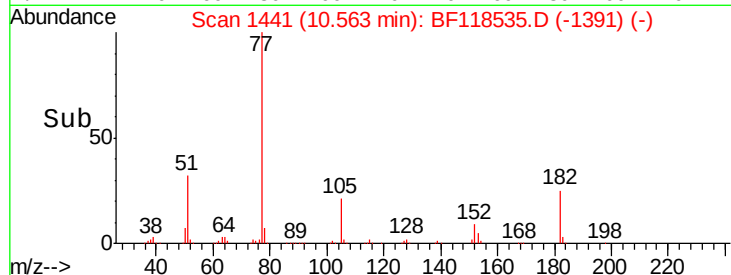
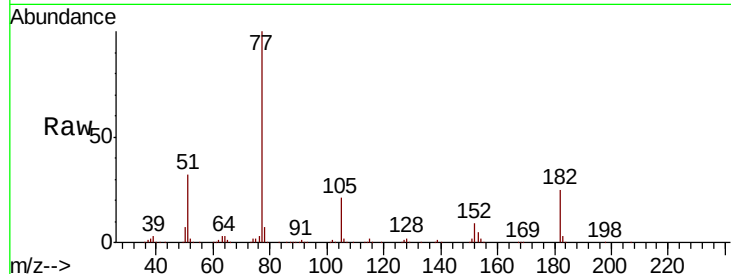
#63
Azobenzene
Concen: 42.536 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.0	6.5	46.5	
105	21.0	1.4	41.4	
51	31.6	10.1	50.1	

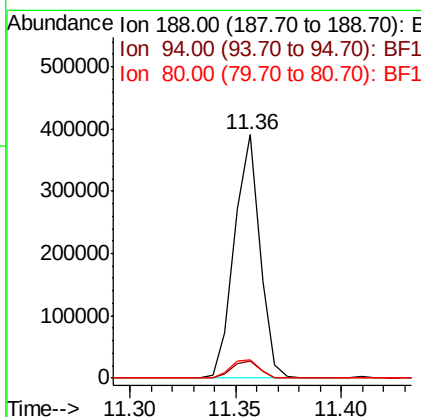
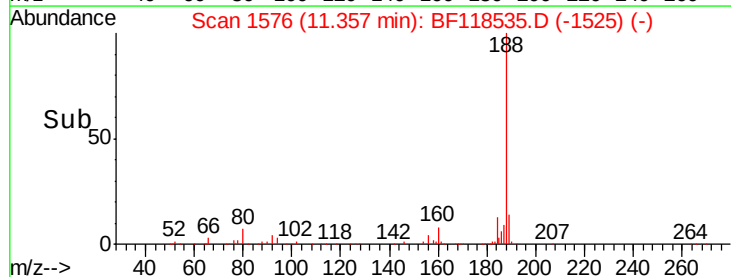
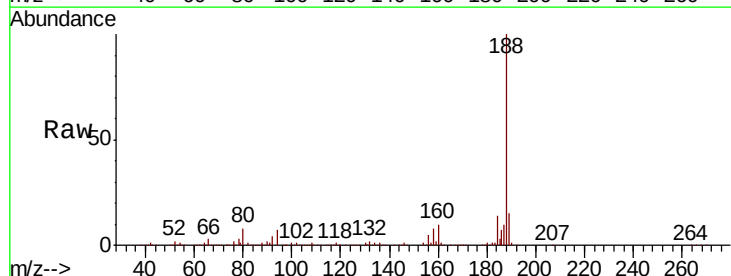
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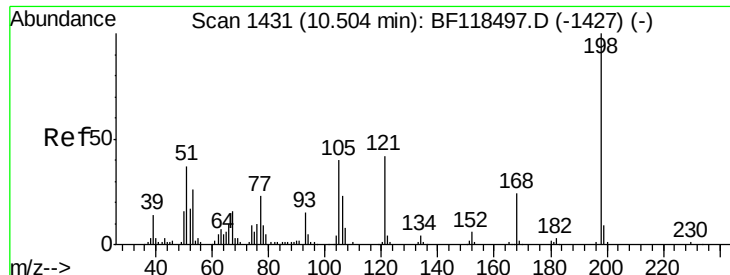
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	6.3	9.5	
80	7.7	6.8	10.2	





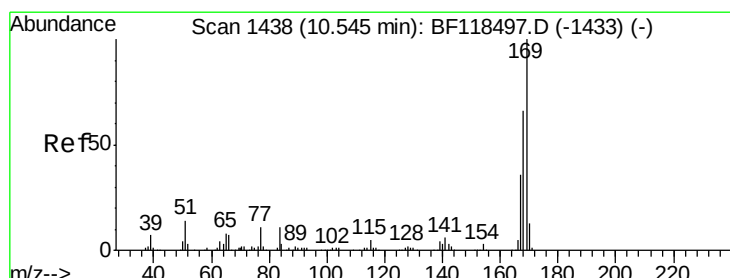
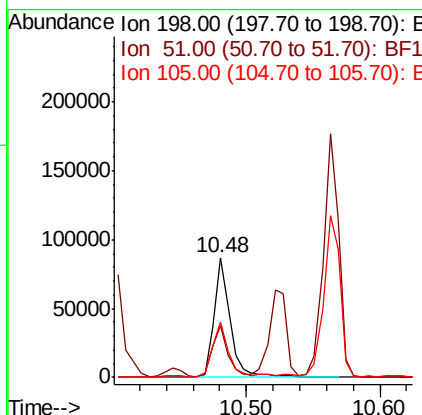
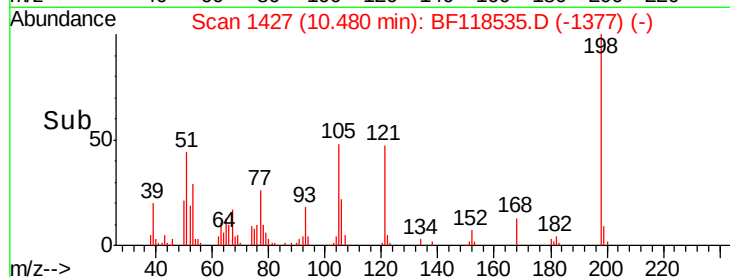
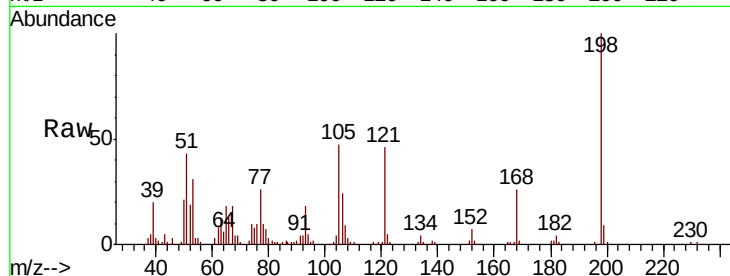
#65
4,6-Dinitro-2-methylphenol
Concen: 43.565 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.1	21.9	61.9
105	46.8	23.9	63.9

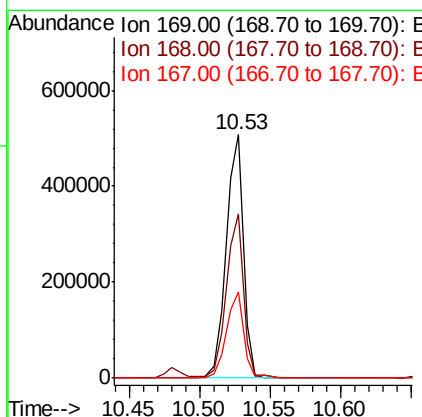
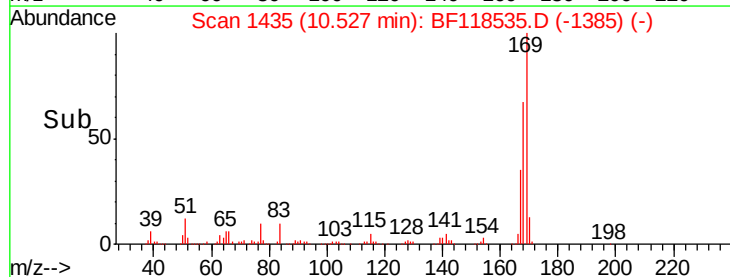
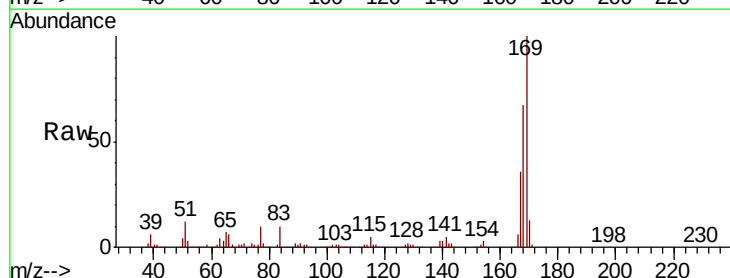
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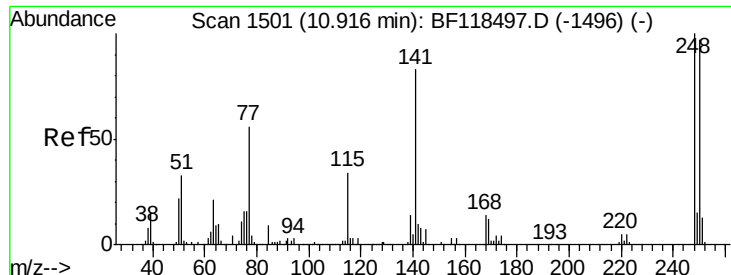
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.398 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	35.6	28.3	42.5





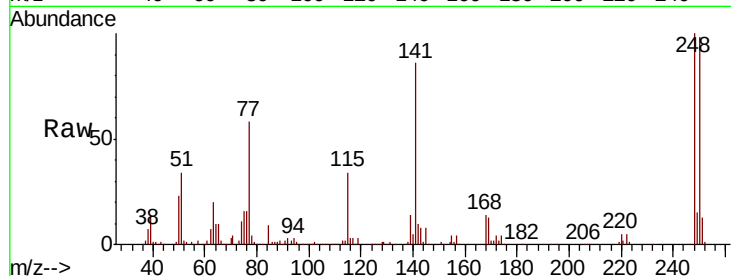
#67
4-Bromophenyl-phenylether
Concen: 41.958 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.3	117.5
141	86.0	63.1	94.7

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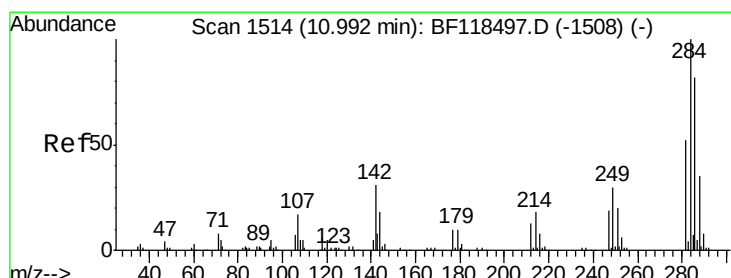
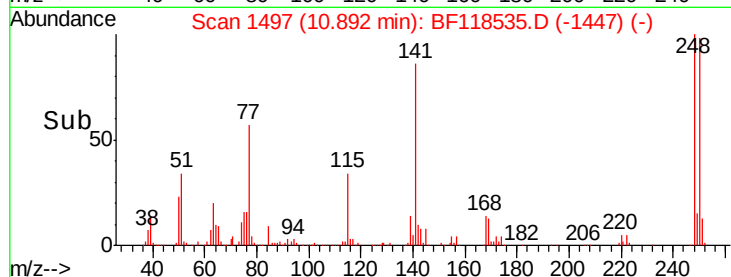
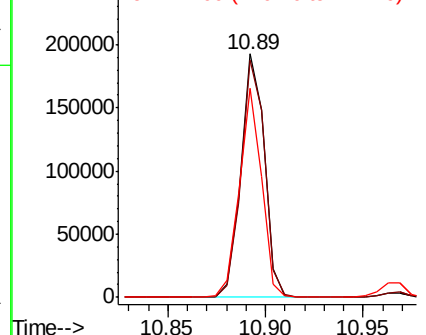


Abundance

Ion 248.00 (247.70 to 248.70): E

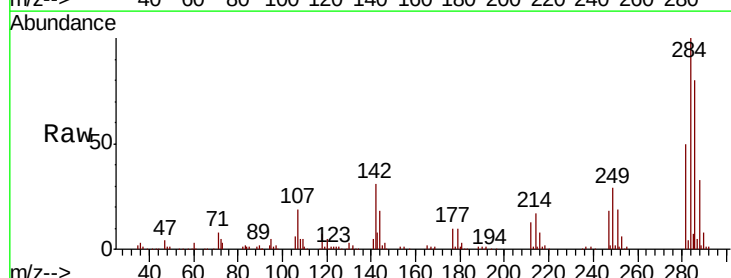
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.870 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	21.0	31.6
249	28.9	22.2	33.4

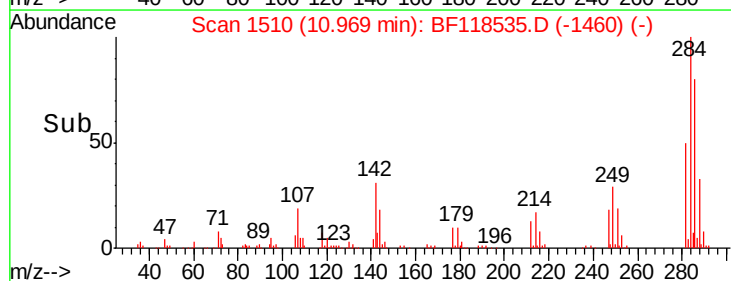
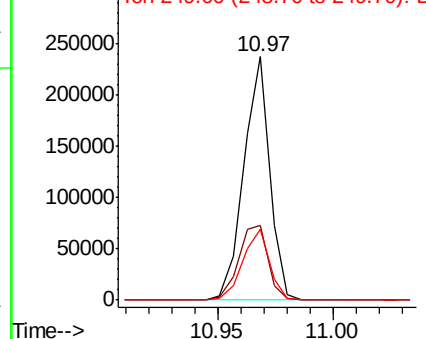


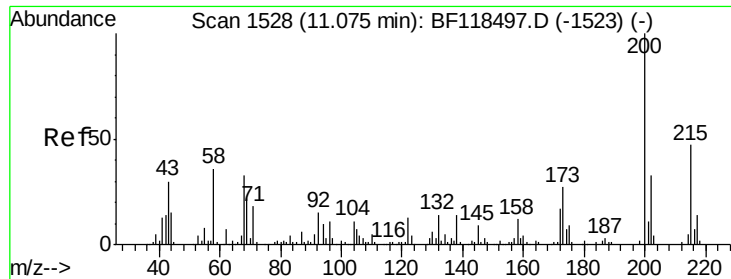
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





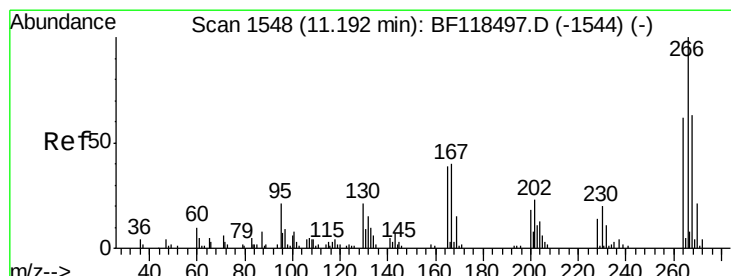
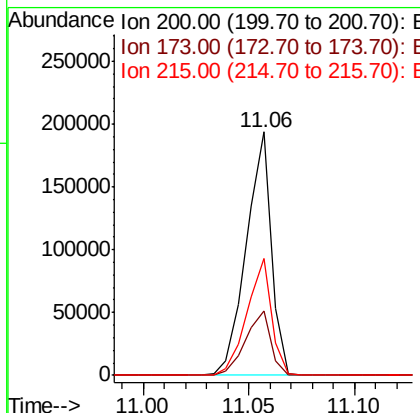
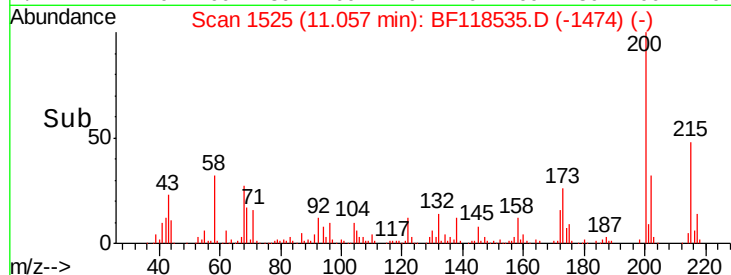
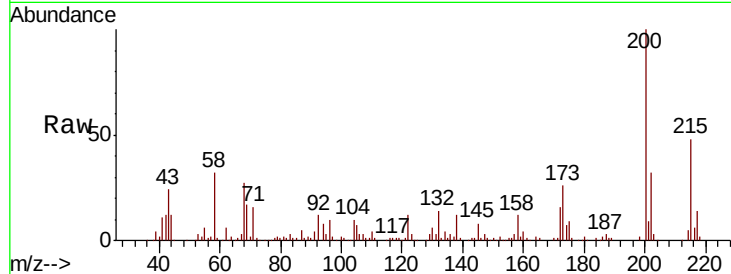
#69
Atrazine
Concen: 50.874 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	160422		
173	26.3	5.5	45.5	
215	48.0	26.5	66.5	

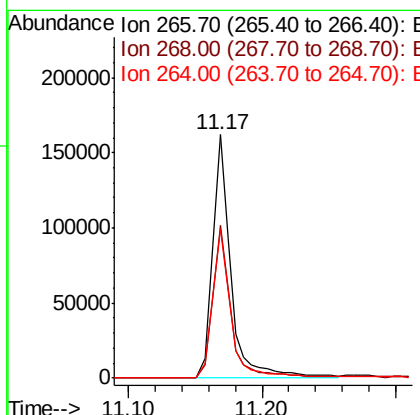
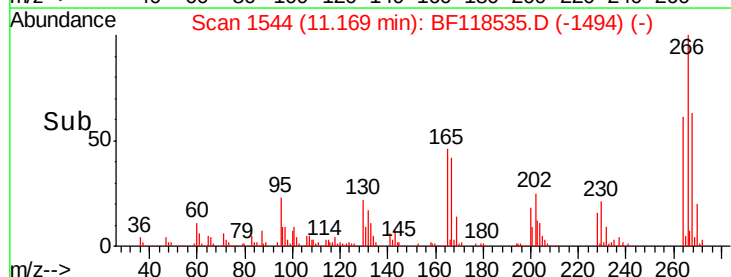
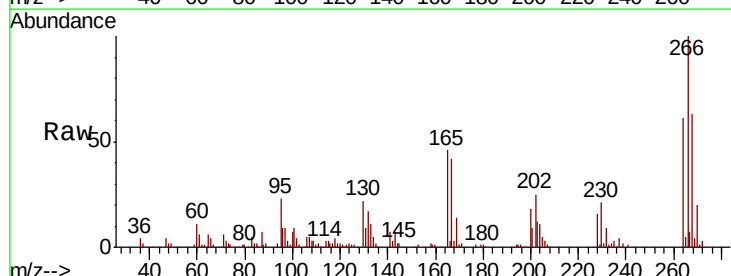
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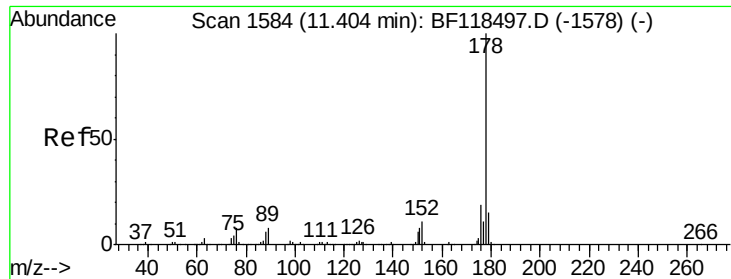
mohammad
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#70
Pentachlorophenol
Concen: 104.114 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	157369		
268	62.6	51.0	76.6	
264	61.2	49.6	74.4	





#71

Phenanthrene

Concen: 45.286 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

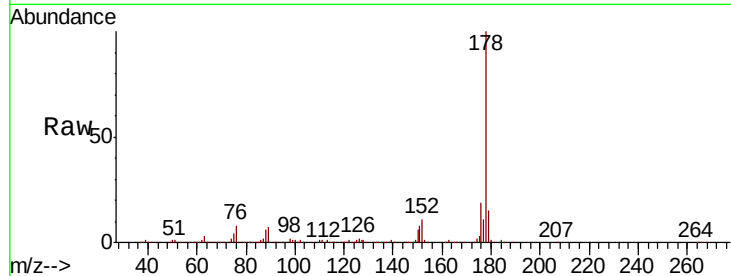
ClientSampleId :

CIY1-SB-01-0-52MS

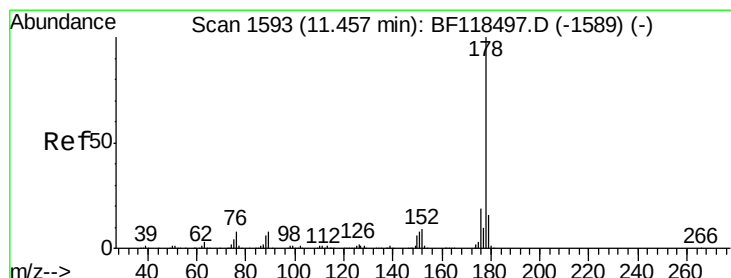
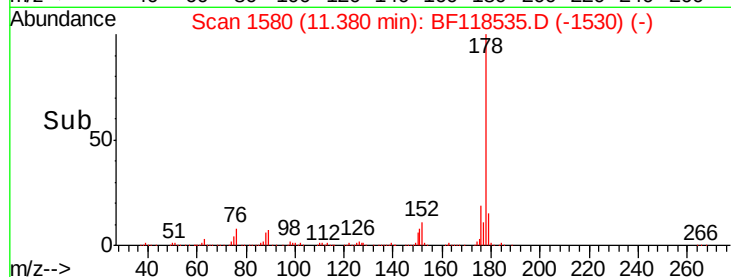
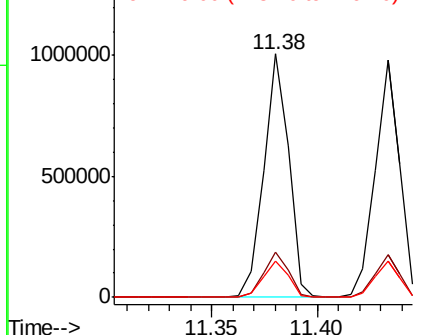
Tot Ion:	178	Resp:	826688
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.3	22.9
179	15.1	12.2	18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.787 ng

RT: 11.43 min Scan# 1589

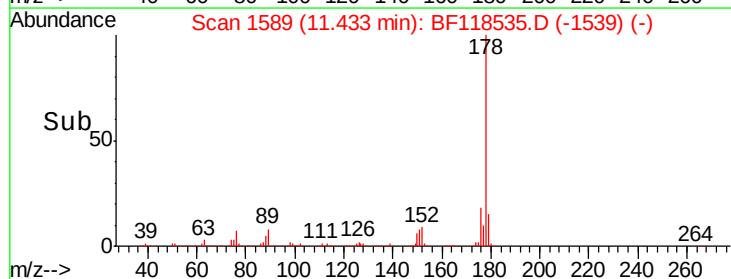
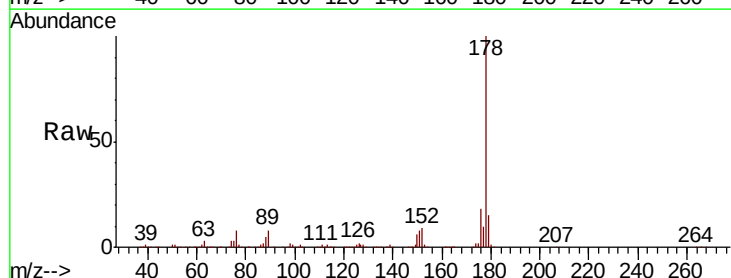
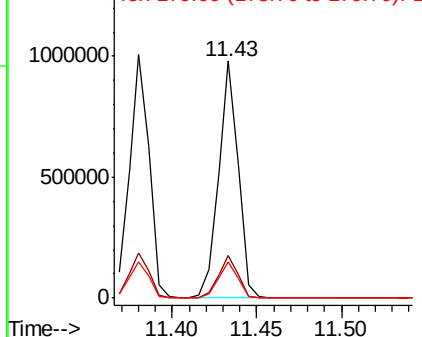
Delta R.T. -0.01 min

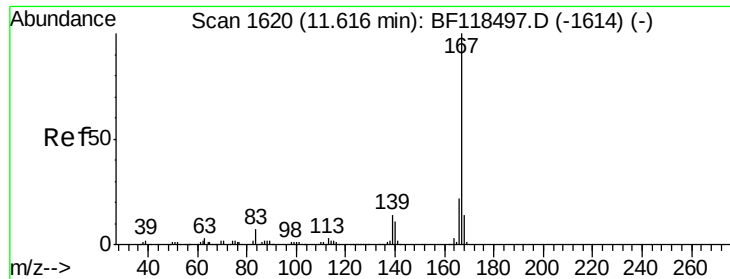
Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion:	178	Resp:	795206
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.0	22.6
179	15.5	12.4	18.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





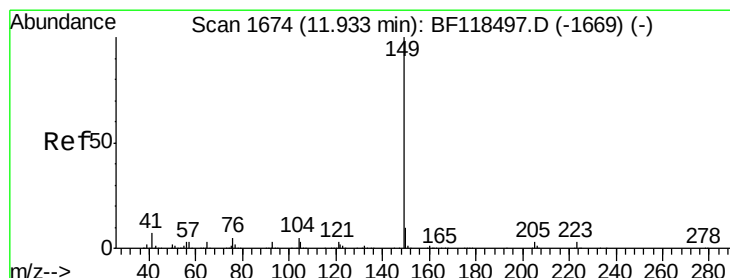
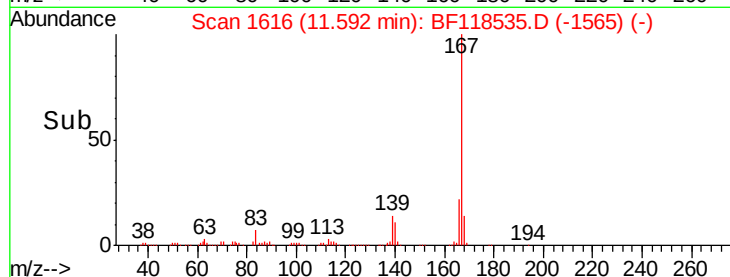
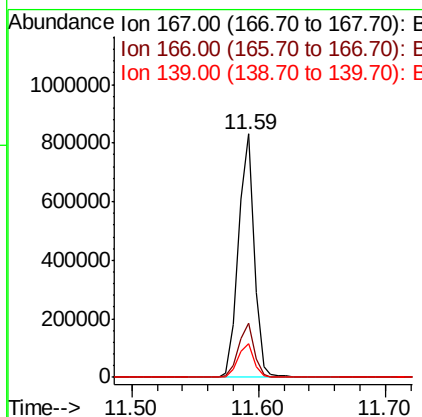
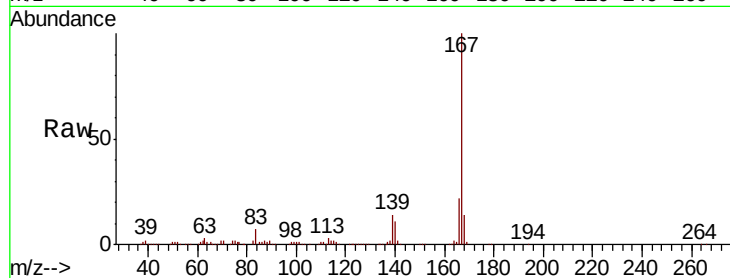
#73
 Carbazole
 Concen: 44.899 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.5	26.3
139	14.0	11.5	17.3

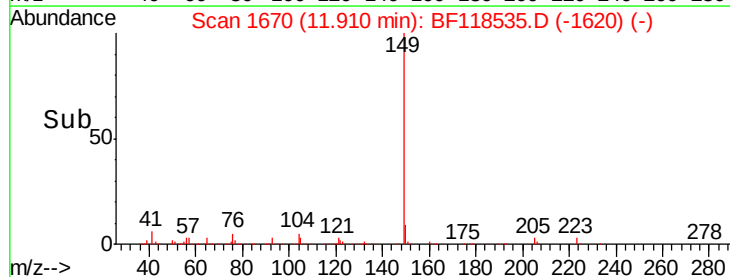
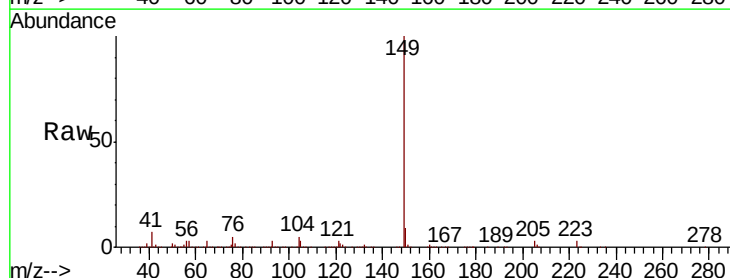
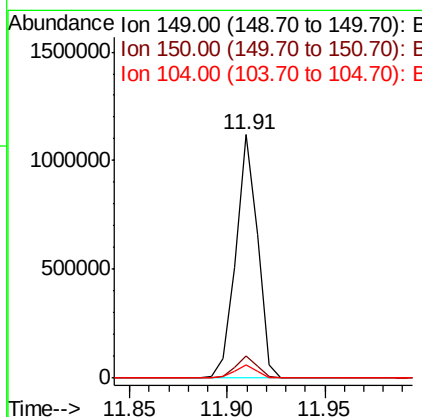
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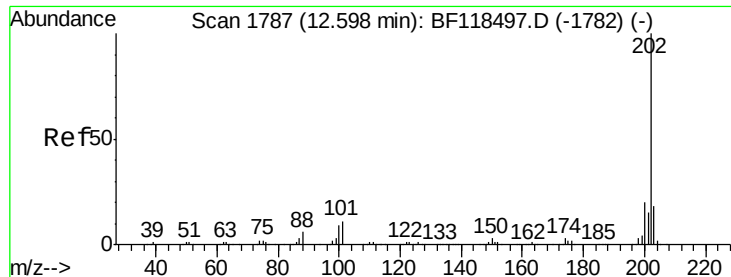
mohammad
 1/14/2020 2:31:34 PM



#74
 Di-n-butylphthalate
 Concen: 41.210 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.3	4.1	6.1





#75

Fluoranthene

Concen: 30.958 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

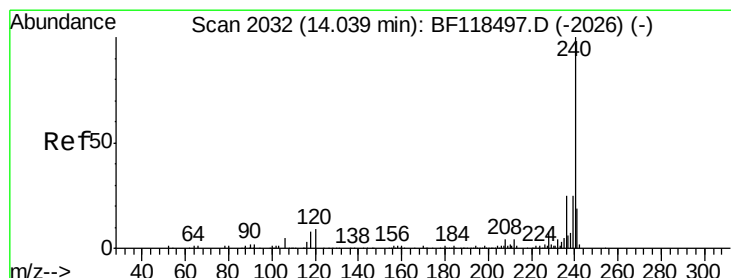
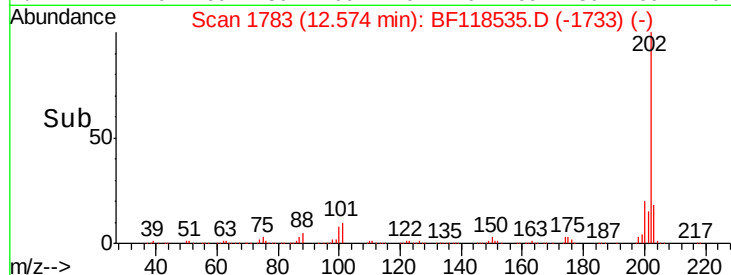
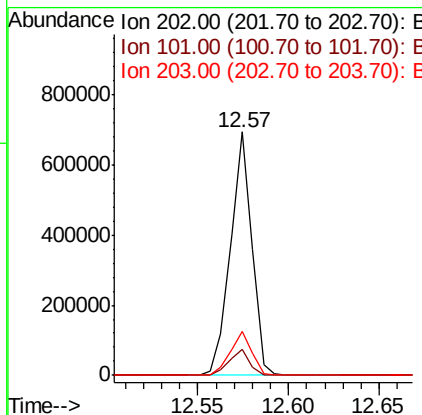
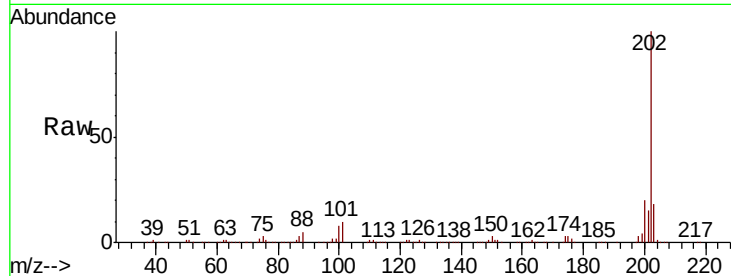
ClientSampleId :

CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	574409		
101	10.5		0.0	29.7
203	18.1		0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

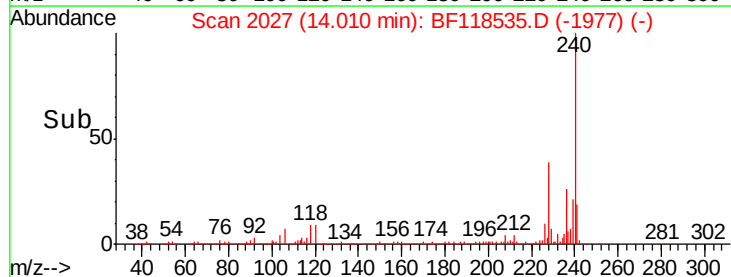
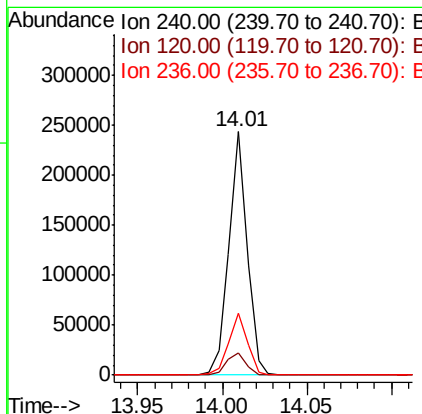
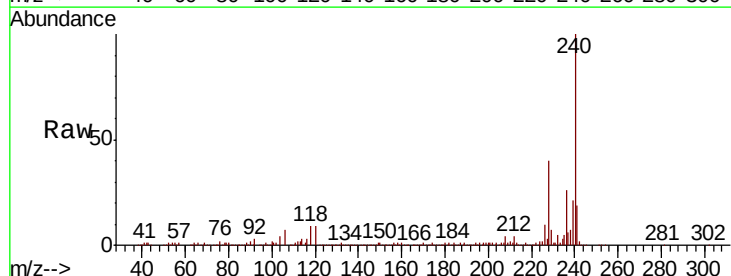
RT: 14.01 min Scan# 2027

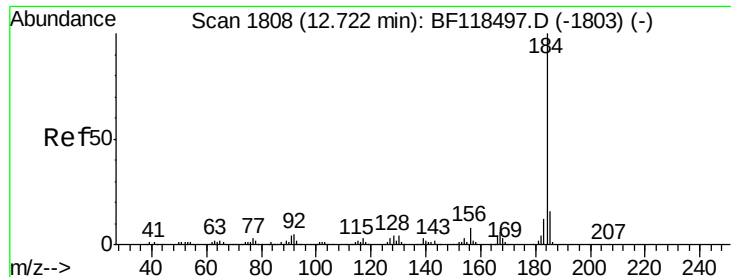
Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	183471		
120	9.3		6.9	10.3
236	25.6		20.6	30.8





#77

Benzidine

Concen: 53.863 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Instrument :

BNA_F

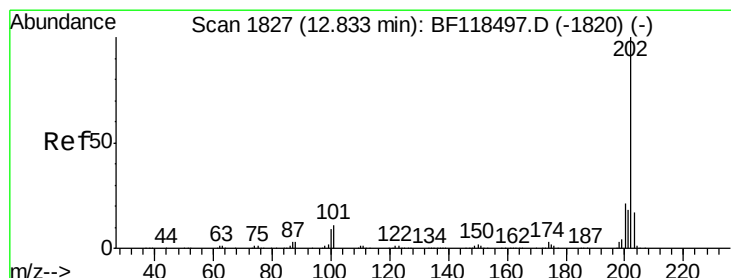
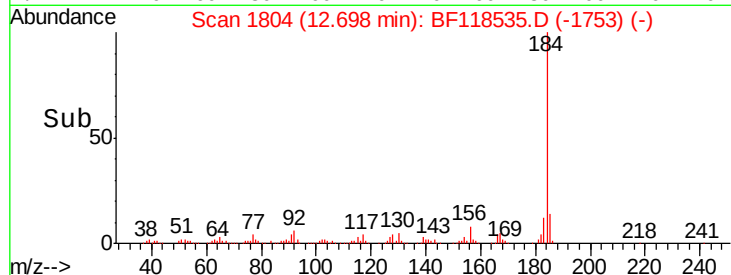
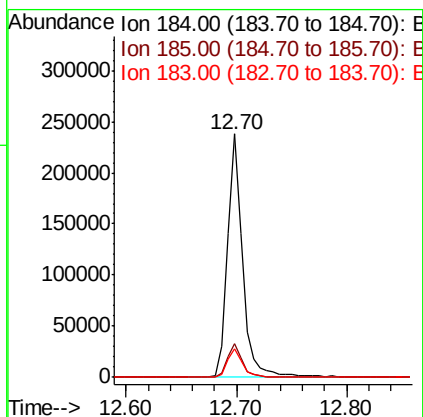
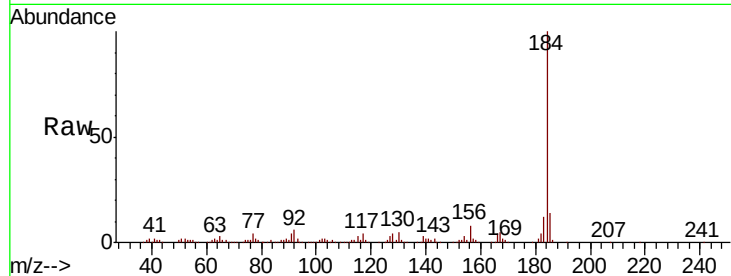
ClientSampleId :

CIY1-SB-01-0-52MS

Tot Ion:	184	Resp:	230962
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.7	19.1
183	11.8	9.4	14.0

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#78

Pyrene

Concen: 38.692 ng

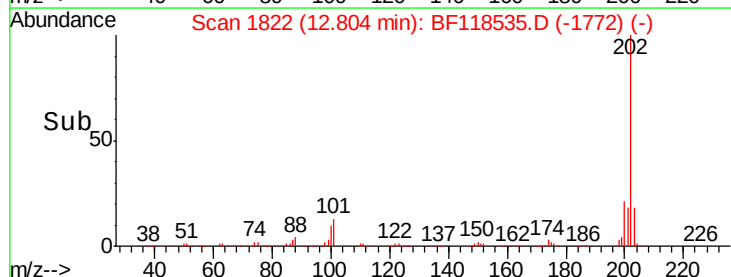
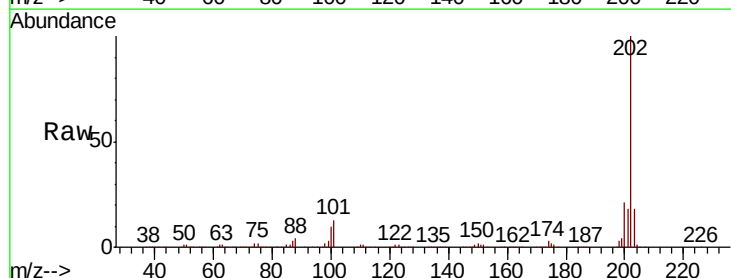
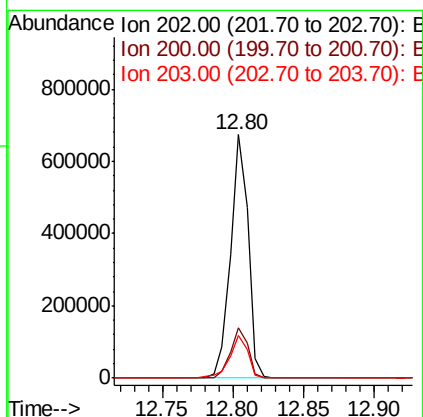
RT: 12.80 min Scan# 1822

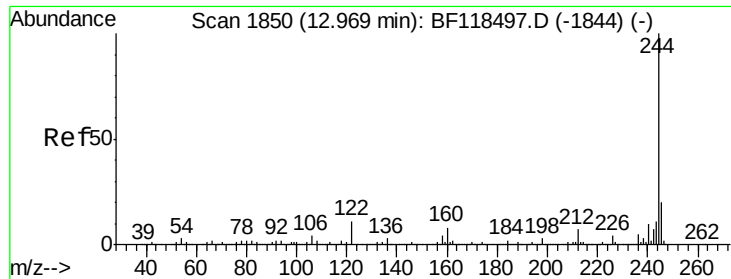
Delta R.T. -0.01 min

Lab File: BF118535.D

Acq: 13 Jan 2020 17:20

Tgt Ion:	202	Resp:	584061
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.4
203	17.6	13.8	20.8





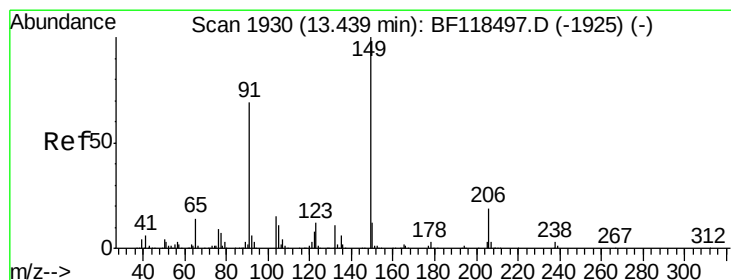
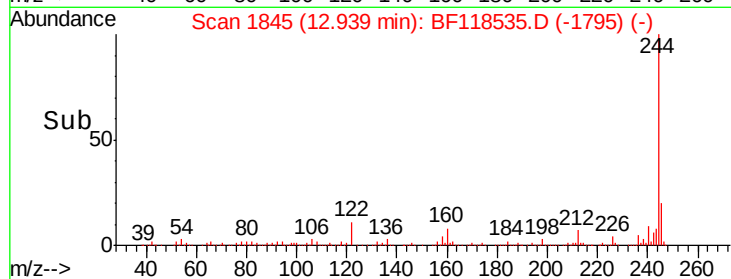
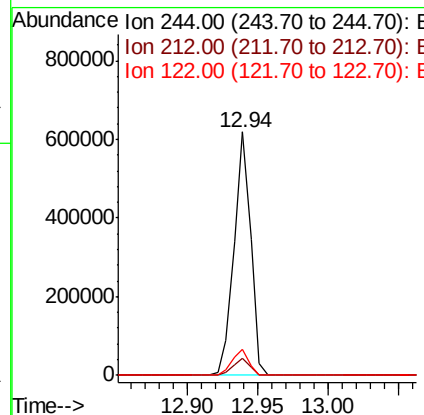
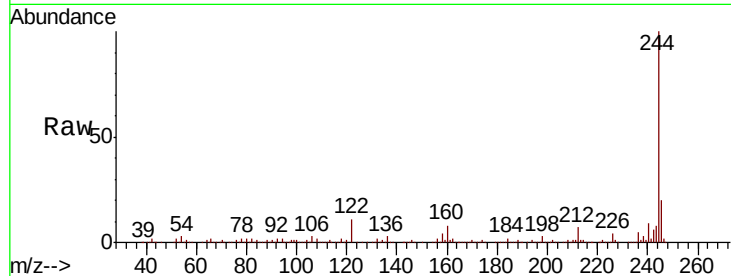
#79
 Terphenyl-d14
 Concen: 43.763 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.6	9.5	14.3

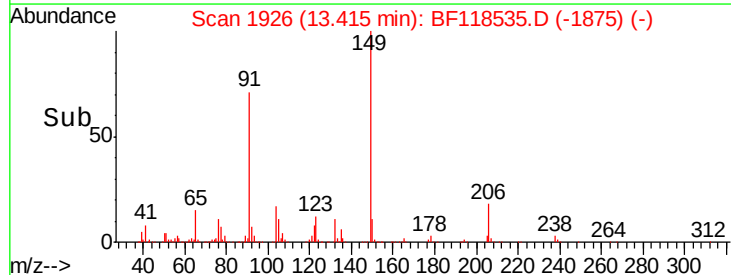
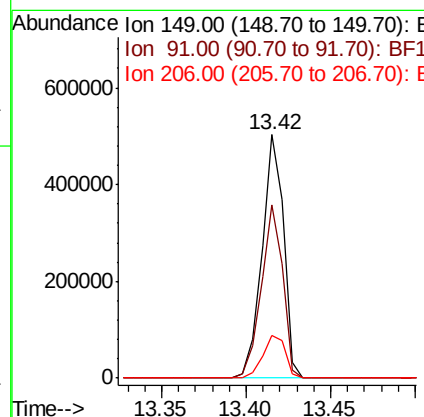
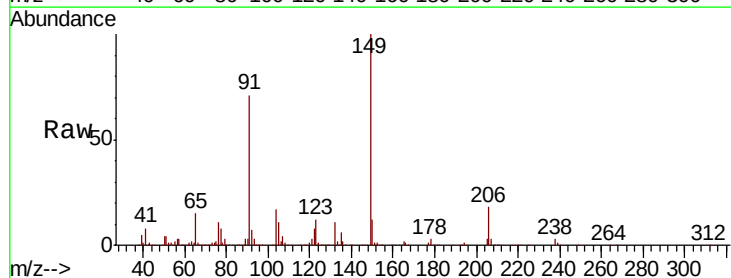
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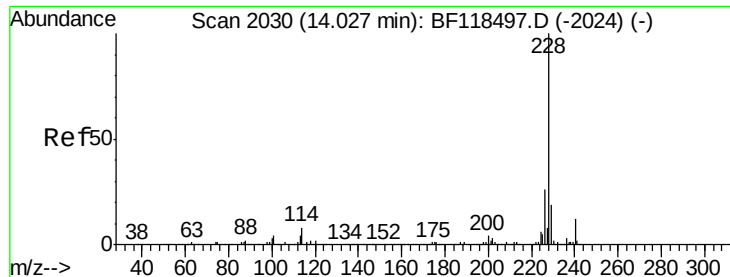
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#80
 Butylbenzylphthalate
 Concen: 65.021 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BF118535.D
 Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	71.2	55.5	83.3
206	17.5	15.1	22.7





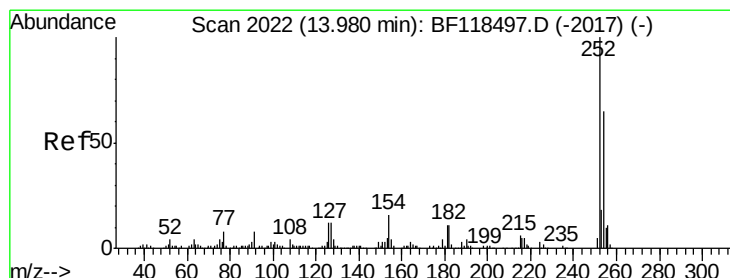
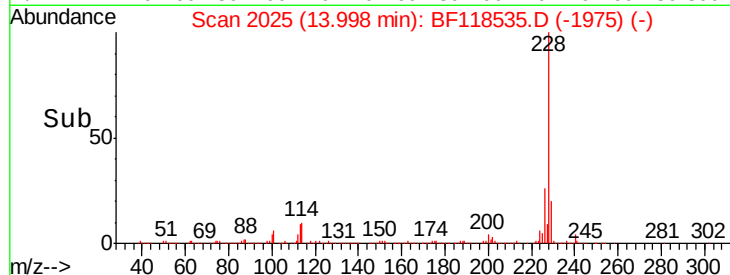
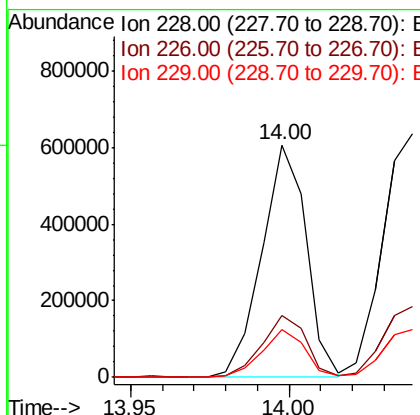
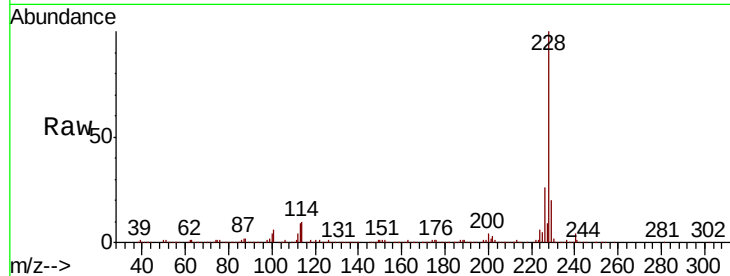
#81
Benzo(a)anthracene
Concen: 45.883 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	20.4	16.1	24.1

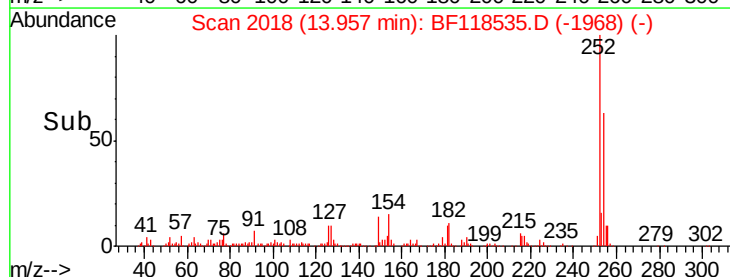
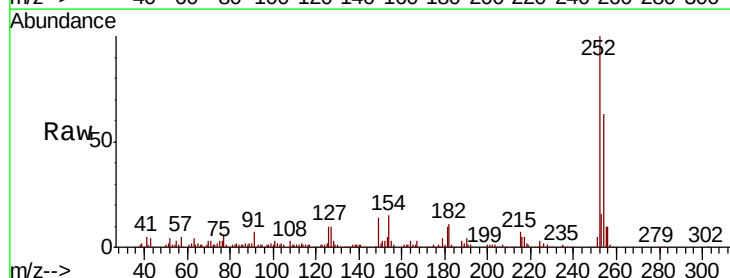
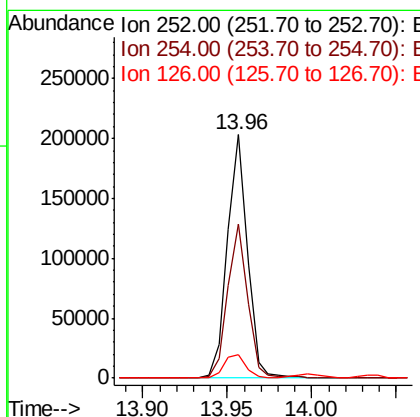
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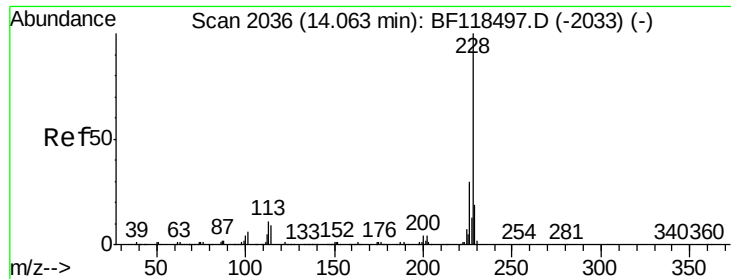
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#82
3,3'-Dichlorobenzidine
Concen: 40.194 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.7	77.5
126	9.9	7.7	11.5





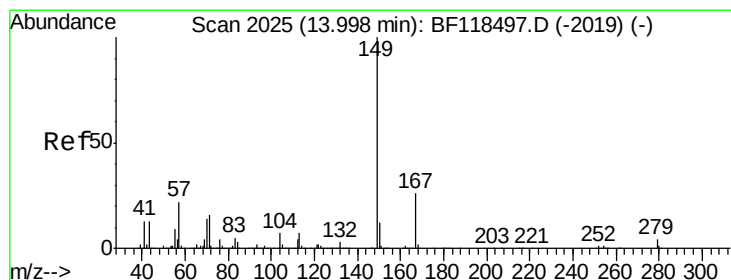
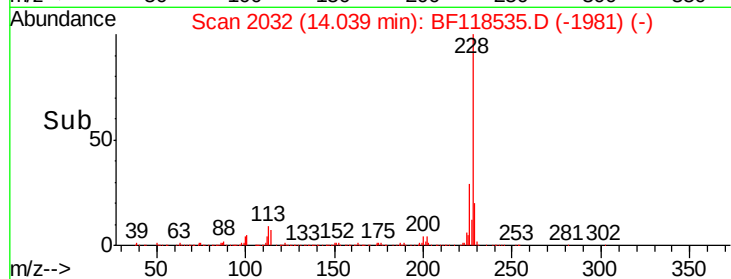
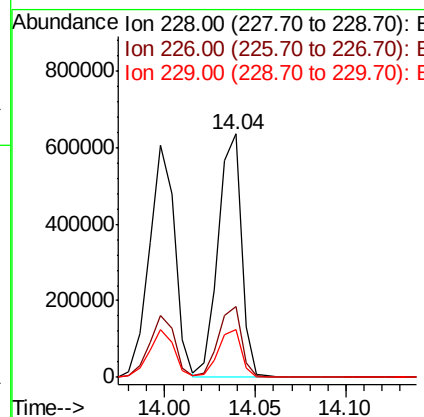
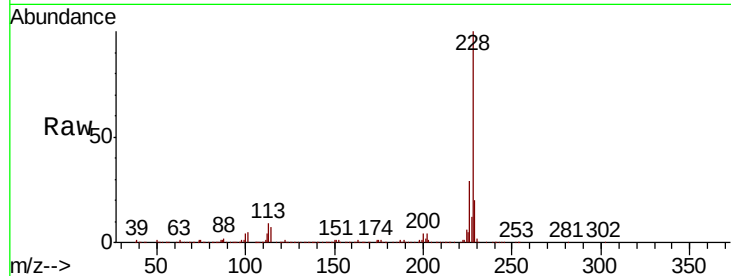
#83
Chrysene
Concen: 45.482 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	567576		
226	28.9		23.9	35.9
229	19.7		16.2	24.2

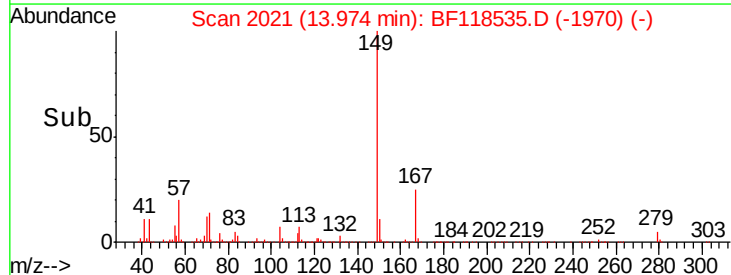
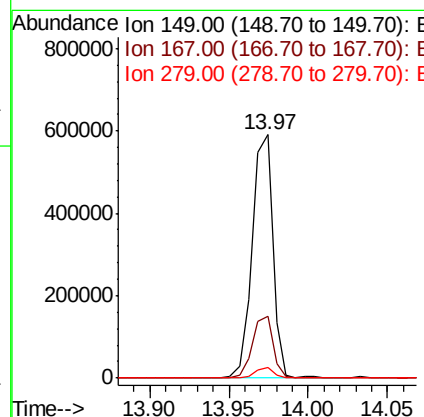
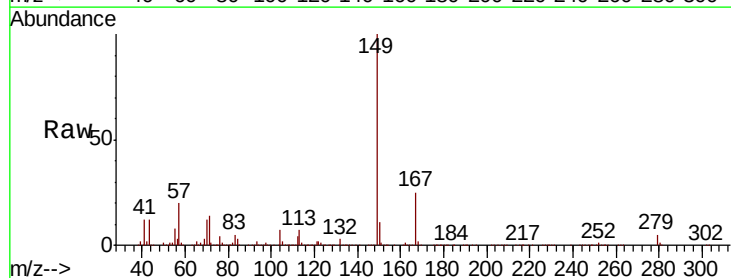
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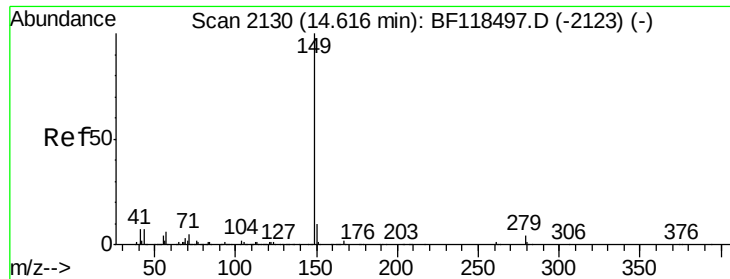
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#84
Bis(2-ethylhexyl)phthalate
Concen: 56.904 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	534128		
167	25.2		21.1	31.7
279	4.5		3.4	5.0





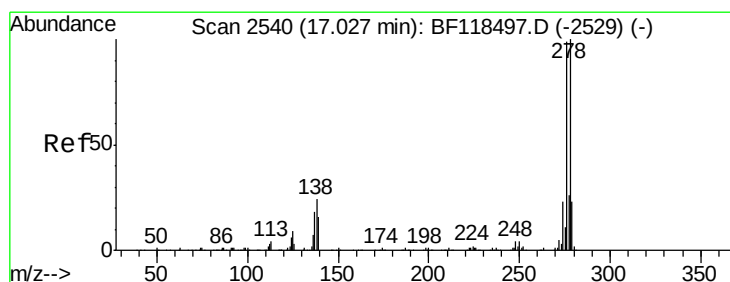
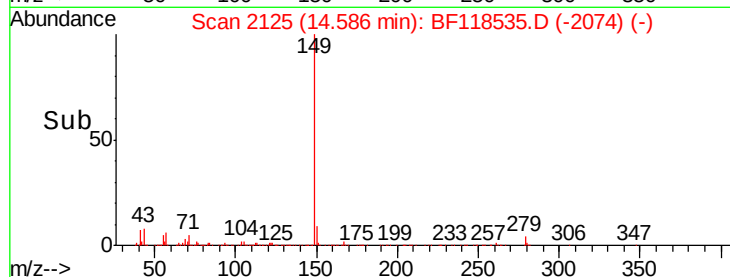
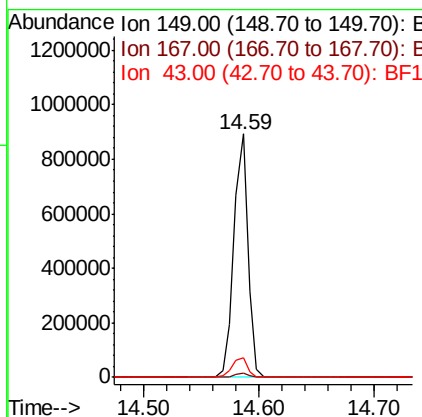
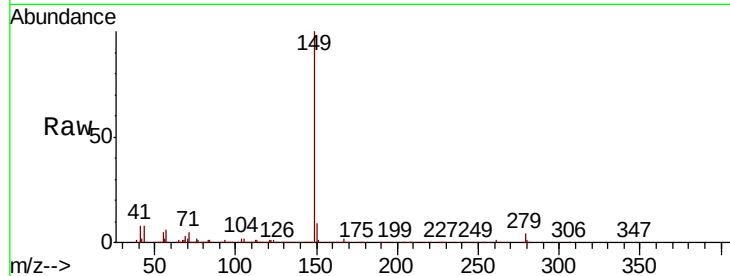
#85
Di-n-octyl phthalate
Concen: 55.869 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	752201		
167	1.6		1.1	1.7
43	8.3		6.7	10.1

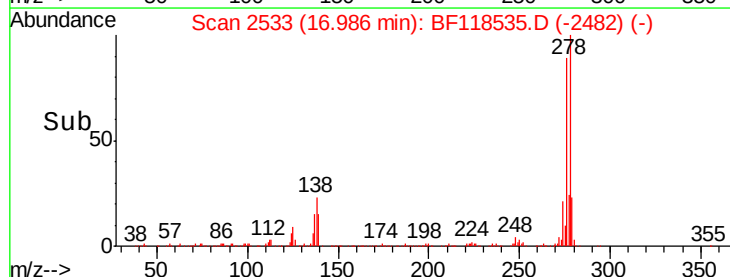
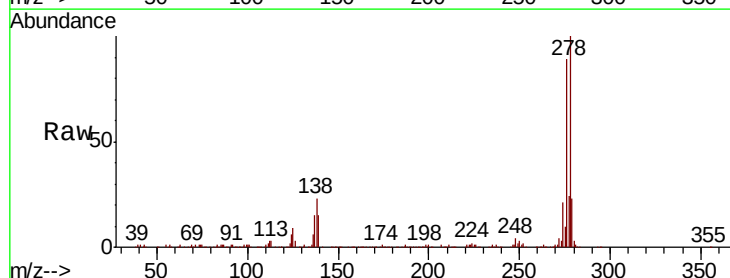
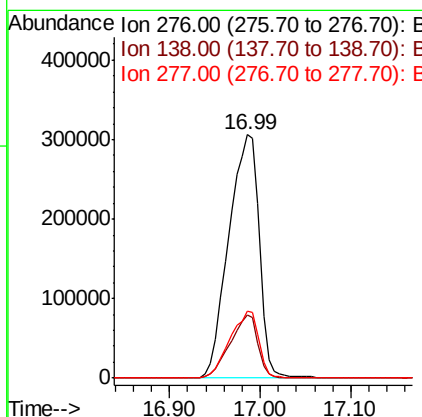
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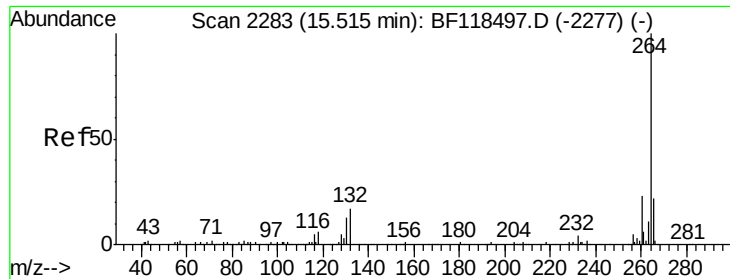
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 71.291 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	716242		
138	23.6		19.2	28.8
277	26.1		20.4	30.6





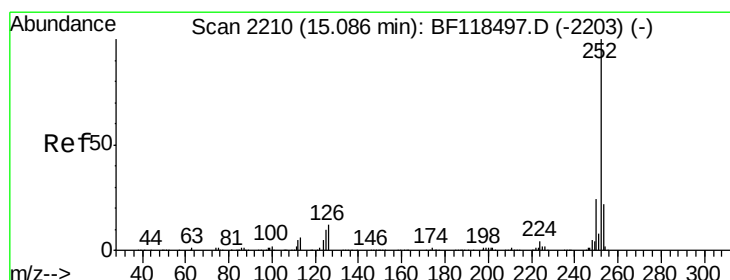
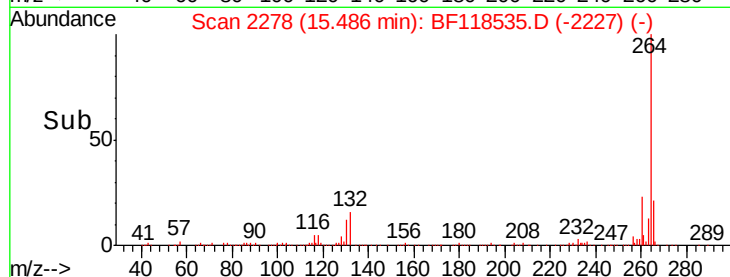
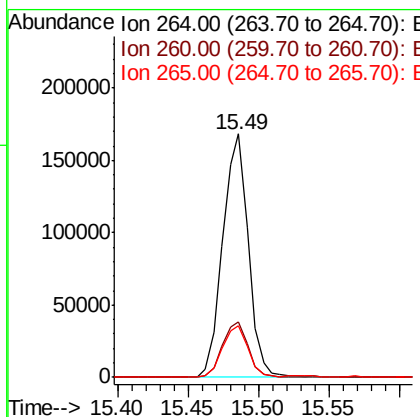
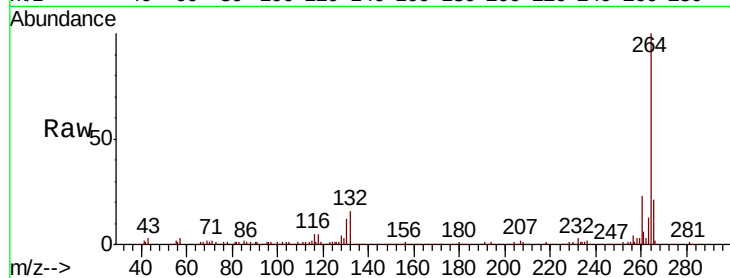
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.1	17.6	26.4

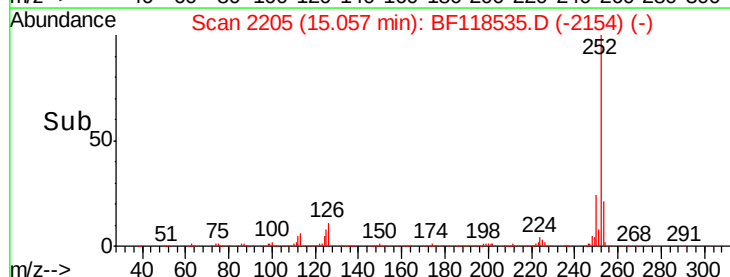
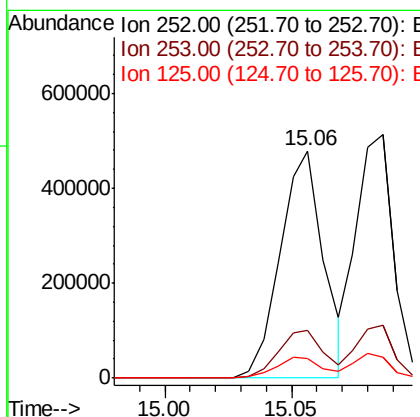
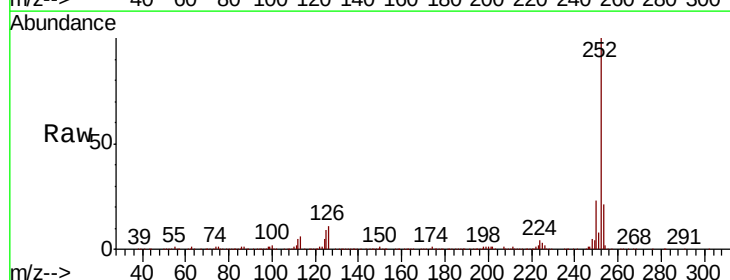
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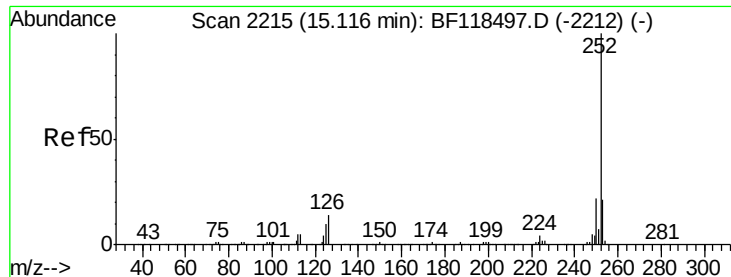
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.318 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	8.6	7.4	11.0





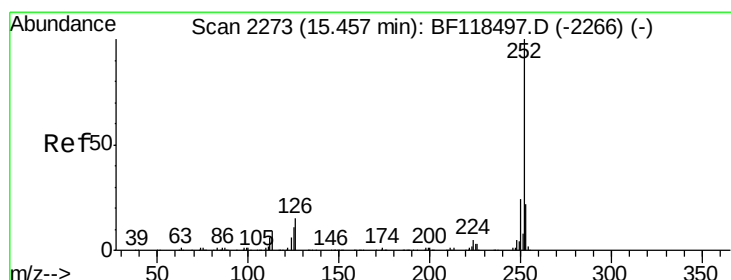
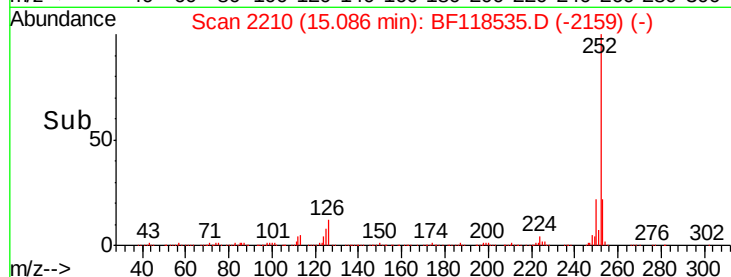
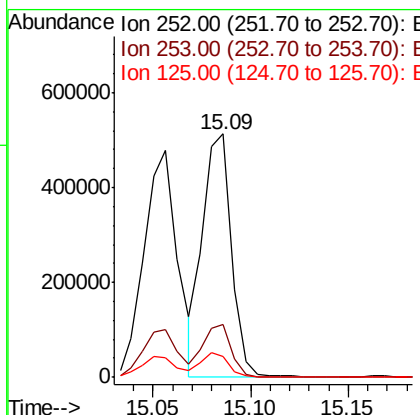
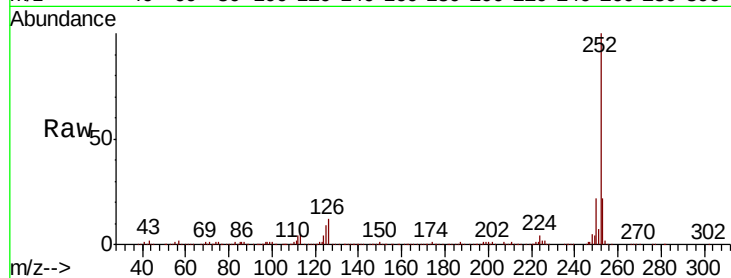
#89
Benzo(k)fluoranthene
Concen: 35.917 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.5	8.1	12.1

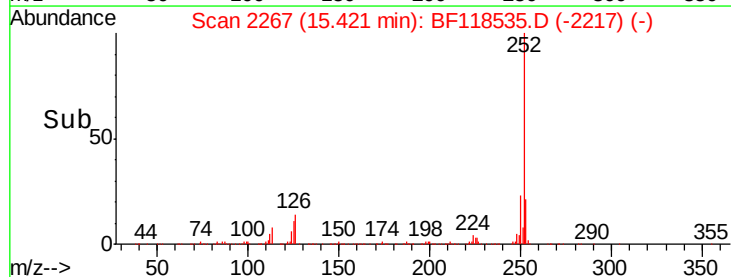
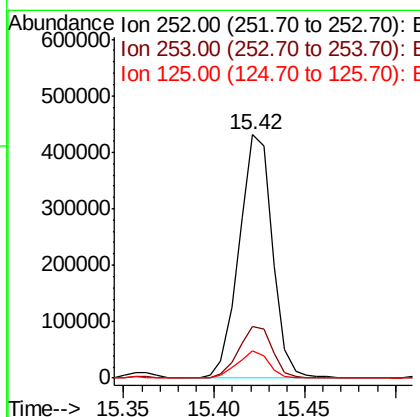
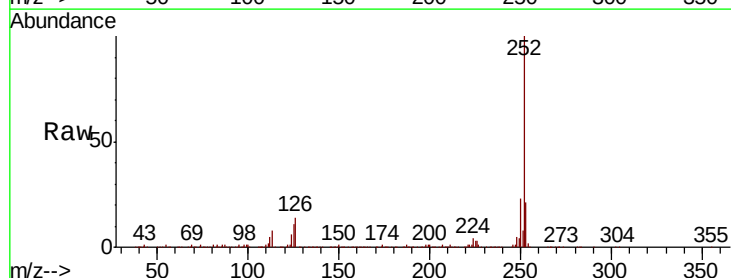
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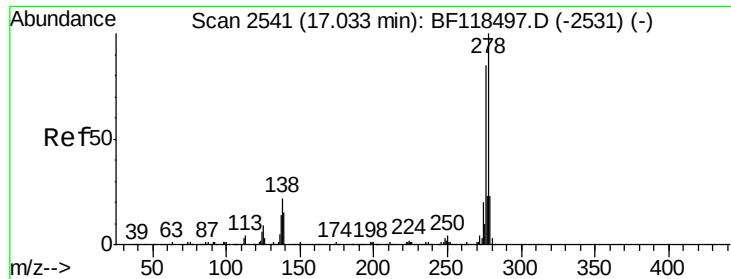
mohammad
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#90
Benzo(a)pyrene
Concen: 43.588 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.4	8.7	13.1





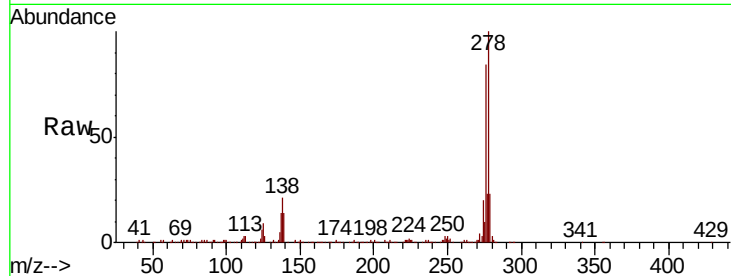
#91
Dibenzo(a,h)anthracene
Concen: 51.734 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MS

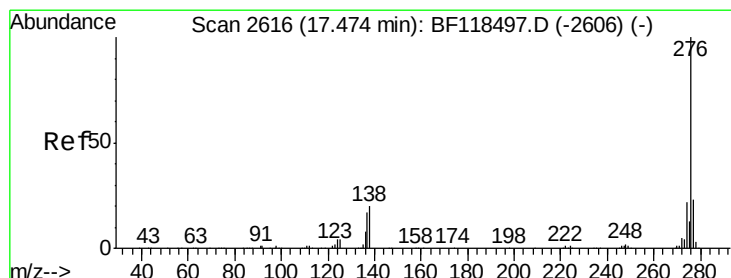
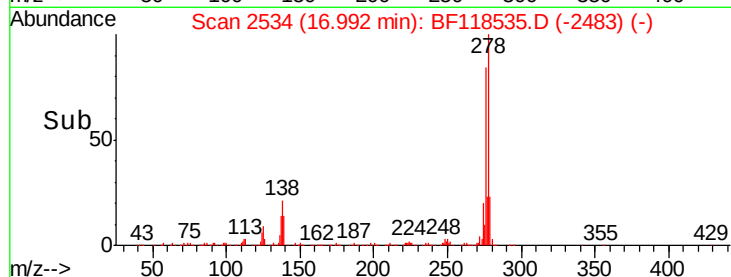
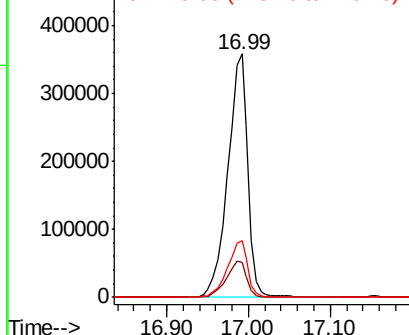
Tot Ion:	278	Resp:	609195
Ion Ratio	Lower	Upper	
278	100		
139	14.4	12.6	19.0
279	23.2	18.9	28.3

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mohammad
1/14/2020 2:31:34 PM

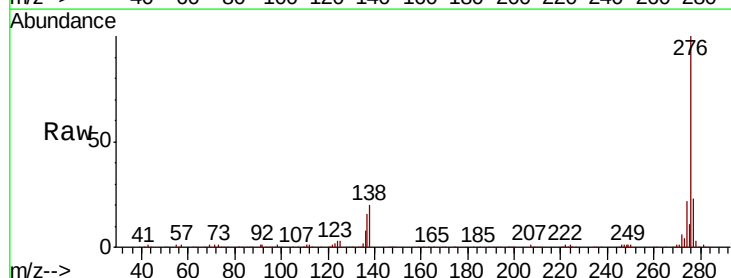


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.464 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BF118535.D
Acq: 13 Jan 2020 17:20

Tgt Ion:	276	Resp:	518414
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.8	28.2
138	19.7	14.7	22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

