

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121199.D
 Acq On : 6 Aug 2020 12:28
 Operator : JU/CG
 Sample : L3521-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Manual Integrations
 APPROVED

mohammad
 8/7/2020 1:50:42 PM

Quant Time: Aug 06 13:52:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141595	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	559008	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	299956	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	593094	20.00	ng	0.00
76) Chrysene-d12	13.97	240	486450	20.00	ng	0.00
86) Perylene-d12	15.41	264	508256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	808266	93.58	ng	0.00
7) Phenol-d6	6.44	99	1021633	91.57	ng	0.00
23) Nitrobenzene-d5	7.36	82	680489	70.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330479	100.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1252027	62.32	ng	0.00
79) Terphenyl-d14	12.91	244	1371497	61.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	149517	37.613	ng	99
3) Pyridine	3.26	79	366807	34.688	ng	98
4) n-Nitrosodimethylamine	3.21	42	197640	43.708	ng	93
6) Aniline	6.46	93	520224	35.720	ng	# 81
8) 2-Chlorophenol	6.58	128	464954	48.865	ng	99
9) Benzaldehyde	6.35	77	285334	60.321	ng	98
10) Phenol	6.45	94	539395	43.949	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	432639	45.996	ng	100
12) 1,3-Dichlorobenzene	6.73	146	446998	43.324	ng	98
13) 1,4-Dichlorobenzene	6.81	146	452009	44.058	ng	99
14) 1,2-Dichlorobenzene	6.96	146	439519	45.284	ng	99
15) Benzyl Alcohol	6.95	79	380054	48.168	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	599856	44.246	ng	99
17) 2-Methylphenol	7.06	107	368103	43.648	ng	100
18) Hexachloroethane	7.30	117	166402	44.812	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	282101	44.465	ng	98
20) 3+4-Methylphenols	7.21	107	419388	39.092	ng	94
22) Acetophenone	7.20	105	568033	45.277	ng	97
24) Nitrobenzene	7.38	77	465831	44.738	ng	99
25) Isophorone	7.62	82	878347	45.555	ng	98
26) 2-Nitrophenol	7.70	139	255739	51.714	ng	98
27) 2,4-Dimethylphenol	7.74	122	393388	48.995	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	556661	47.297	ng	100
29) 2,4-Dichlorophenol	7.94	162	391531	47.721	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	405719	44.571	ng	99
31) Naphthalene	8.10	128	1255448	43.783	ng	100
32) Benzoic acid	7.89	122	304983	50.601	ng	99
33) 4-Chloroaniline	8.15	127	381702	29.840	ng	99
34) Hexachlorobutadiene	8.22	225	228493	42.581	ng	98
35) Caprolactam	8.55	113	137248m	52.164	ng	
36) 4-Chloro-3-methylphenol	8.65	107	415067	49.327	ng	97
37) 2-Methylnaphthalene	8.79	142	873035	46.891	ng	100
38) 1-Methylnaphthalene	8.89	142	818377	46.410	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	401660	45.959	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	383447	79.387	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	291244	47.331	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	316038	45.278	nq	99
46) 1,1'-Biphenyl	9.26	154	1062344	46.430	nq	99
47) 2-Chloronaphthalene	9.28	162	822159	44.073	nq	98
48) 2-Nitroaniline	9.38	65	275191	48.814	nq	98
49) Acenaphthylene	9.70	152	1323861	45.681	nq	100
50) Dimethylphthalate	9.56	163	1151559	53.214	nq	100
51) 2,6-Dinitrotoluene	9.63	165	229687	49.404	nq	98
52) Acenaphthene	9.87	154	919263m	49.892	nq	
53) 3-Nitroaniline	9.80	138	182324	31.269	nq	96
54) 2,4-Dinitrophenol	9.91	184	265912	97.713	nq	97
55) Dibenzofuran	10.05	168	1151088	43.202	nq	99
56) 4-Nitrophenol	9.97	139	391698	88.434	nq	95
57) 2,4-Dinitrotoluene	10.03	165	296624	48.585	nq	# 87
58) Fluorene	10.39	166	878909	44.229	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	269945	50.795	nq	100
60) Diethylphthalate	10.26	149	1021163	46.653	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	428943	40.469	nq	99
62) 4-Nitroaniline	10.42	138	267565	47.108	nq	97
63) Azobenzene	10.54	77	948500	45.518	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	183246	52.953	nq	98
66) n-Nitrosodiphenylamine	10.50	169	854599	45.804	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	292864	44.289	nq	96
68) Hexachlorobenzene	10.93	284	334534	46.768	nq	# 92
69) Atrazine	11.03	200	250501	54.213	nq	99
70) Pentachlorophenol	11.13	266	370212	90.343	nq	98
71) Phenanthrene	11.35	178	1344877	44.090	nq	100
72) Anthracene	11.40	178	1397859	45.638	nq	100
73) Carbazole	11.56	167	1368192	45.011	nq	100
74) Di-n-butylphthalate	11.89	149	1598586	45.572	nq	100
75) Fluoranthene	12.54	202	1572261	46.503	nq	99
77) Benzidine	12.66	184	737385	57.655	nq	99
78) Pyrene	12.77	202	1604181	46.644	nq	99
80) Butylbenzylphthalate	13.38	149	738768	48.186	nq	94
81) Benzo(a)anthracene	13.96	228	1390891	47.218	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	499388	44.936	nq	99
83) Chrysene	14.00	228	1395639	45.084	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	945621	50.018	nq	100
85) Di-n-octyl phthalate	14.56	149	1743500	46.354	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1536194	43.460	nq	100
88) Benzo(b)fluoranthene	15.00	252	1508519	49.102	nq	99
89) Benzo(k)fluoranthene	15.03	252	1378669	49.206	nq	99
90) Benzo(a)pyrene	15.36	252	1331018	47.486	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1250356	43.305	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1312426	46.100	nq	100

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



#1

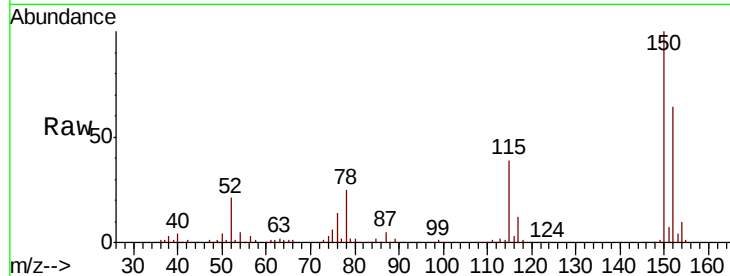
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.6	188.4
115	60.4	46.2	69.2

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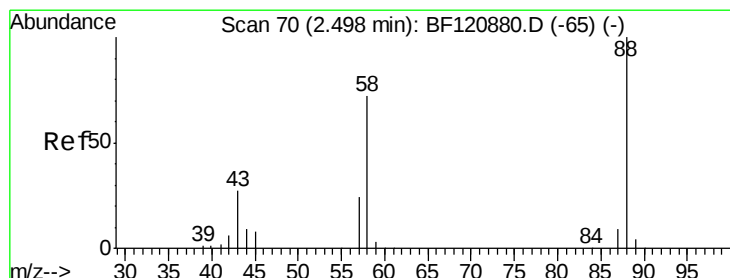
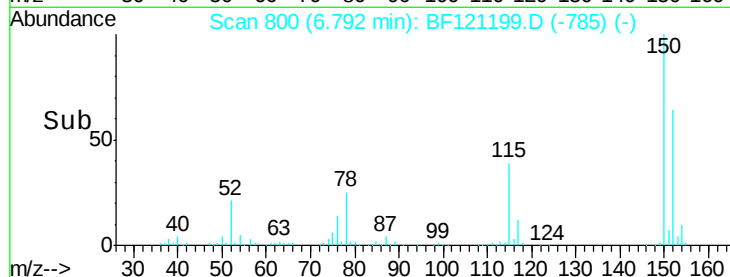
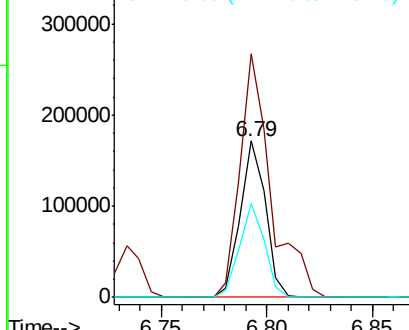


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

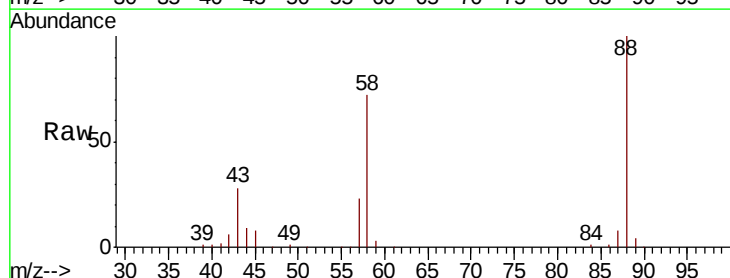
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.613 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.2	87.4
43	27.6	21.3	31.9

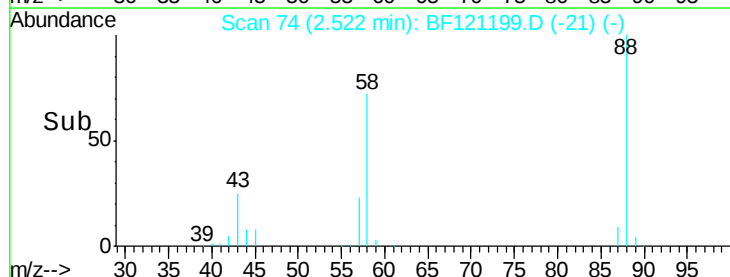
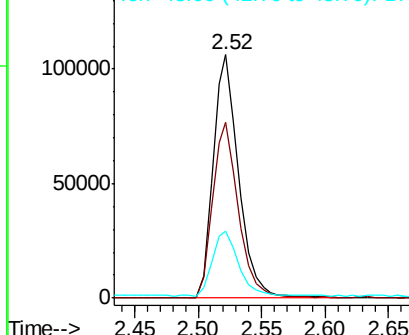


Abundance

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: 34.688 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

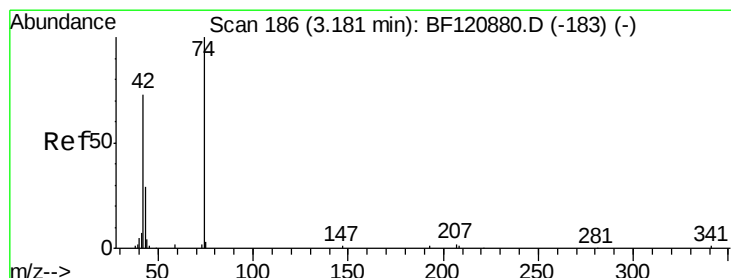
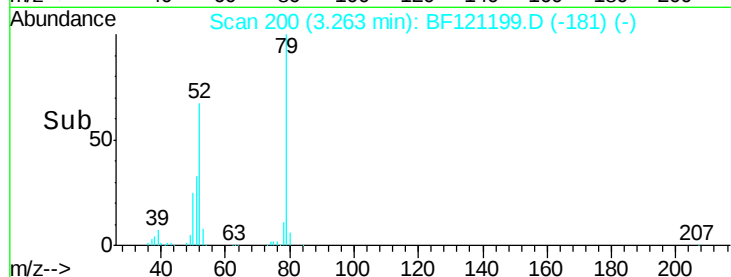
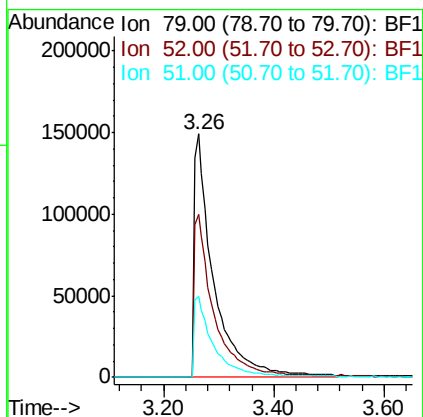
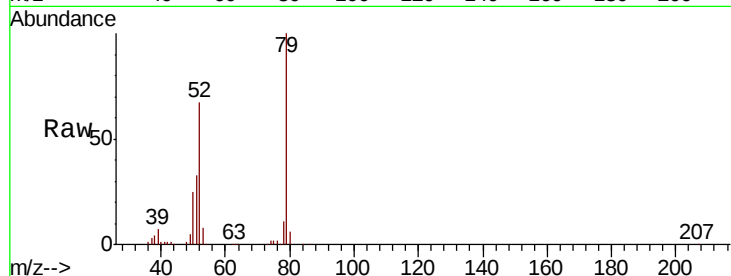
ClientSampleId :

COMP-CDMSD

Tot Ion:	79	Resp:	366807
Ion Ratio	Lower	Upper	
79	100		
52	66.8	54.9	82.3
51	33.3	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 43.708 ng

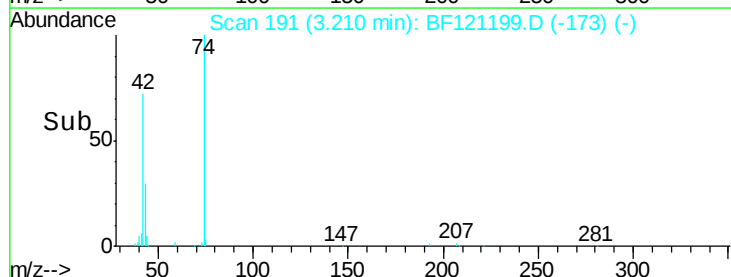
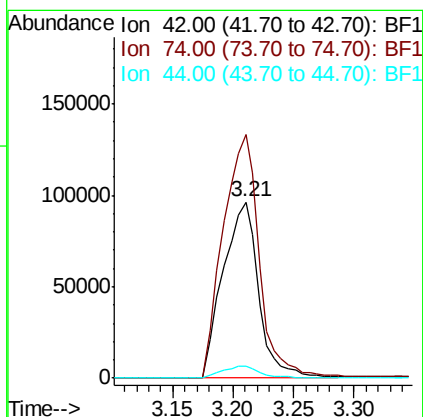
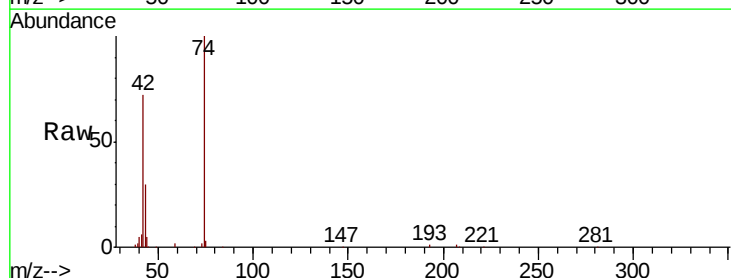
RT: 3.21 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	42	Resp:	197640
Ion Ratio	Lower	Upper	
42	100		
74	138.1	117.3	175.9
44	6.5	5.9	8.9





#5

2-Fluorophenol

Concen: 93.579 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

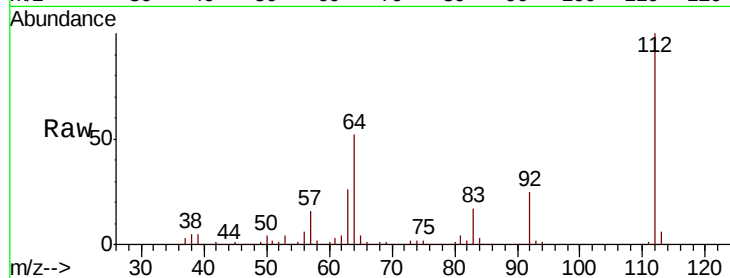
ClientSampleId :

COMP-CDMSD

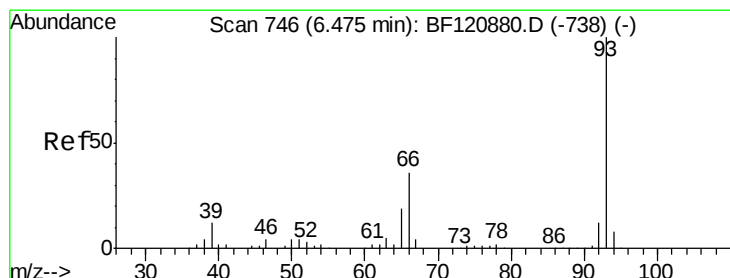
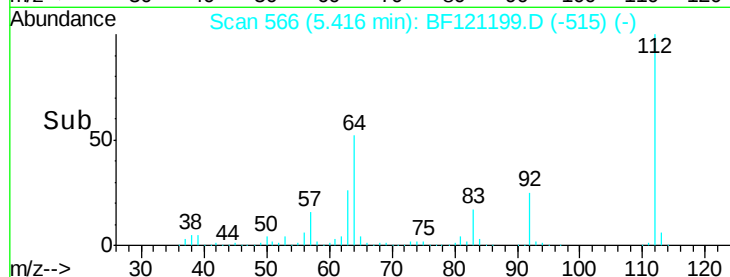
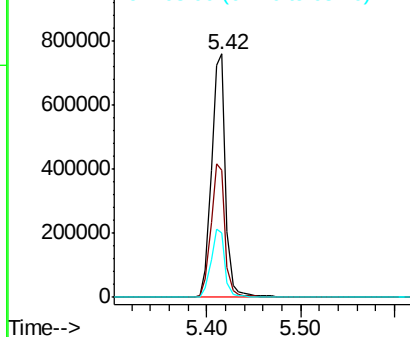
Tot Ion:	112	Resp:	808266
Ion Ratio	Lower	Upper	
112	100		
64	52.3	43.9	65.9
63	26.5	22.7	34.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.720 ng

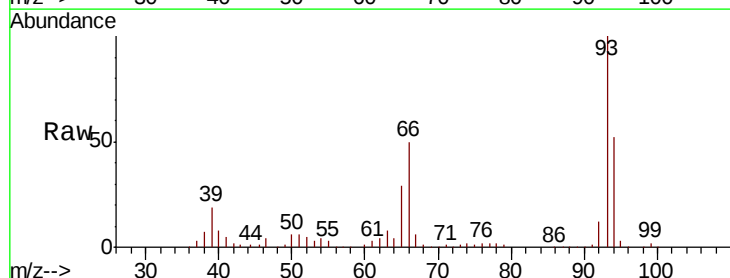
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

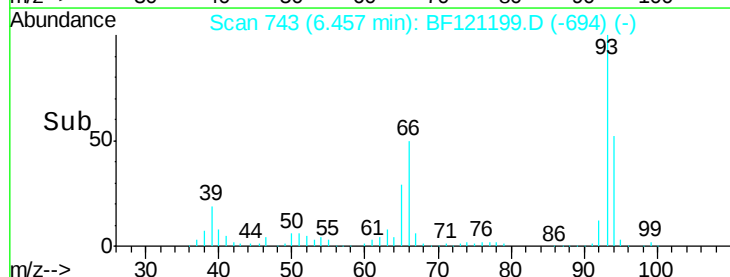
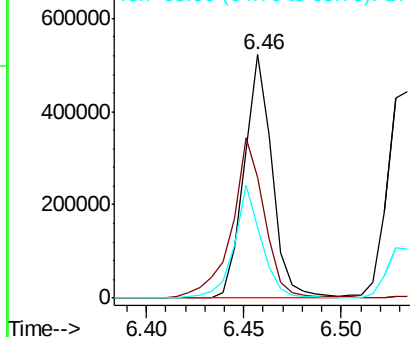
Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	93	Resp:	520224
Ion Ratio	Lower	Upper	
93	100		
66	49.7	31.0	46.4#
65	29.3	16.2	24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.568 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion: 99 Resp: 1021633

Ion Ratio Lower Upper

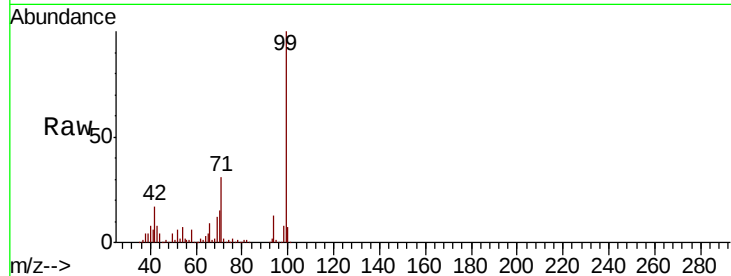
99 100

42 17.2 13.5 20.3

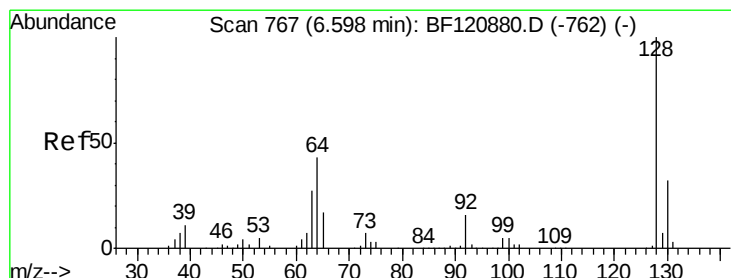
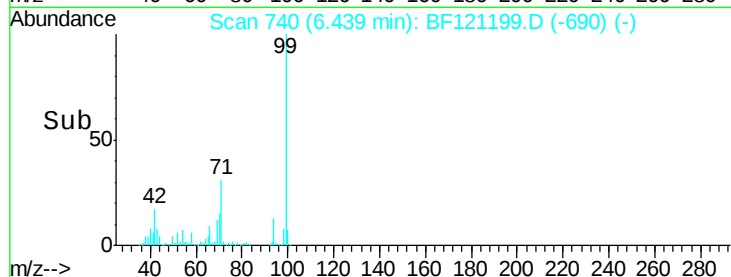
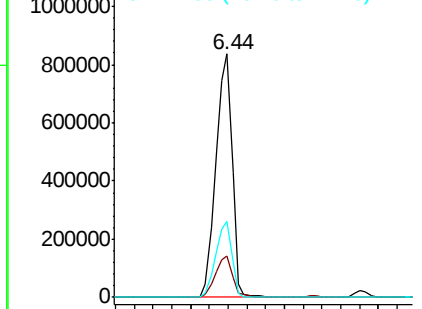
71 31.1 25.0 37.4

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.865 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

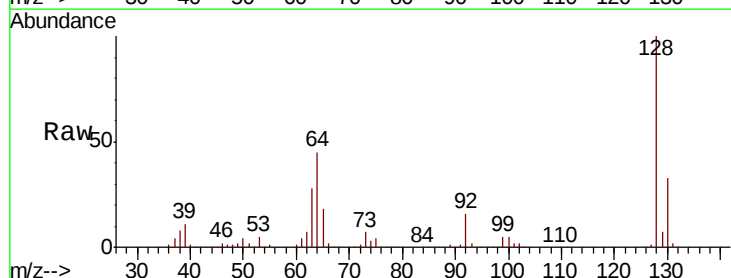
Tgt Ion: 128 Resp: 464954

Ion Ratio Lower Upper

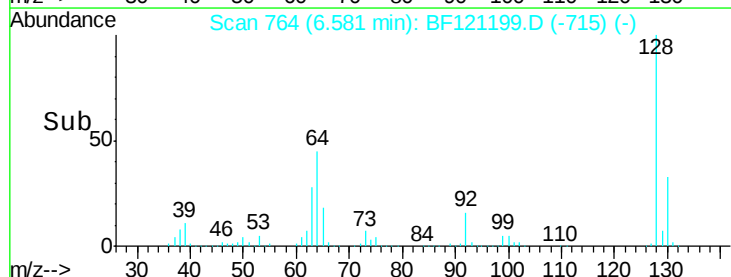
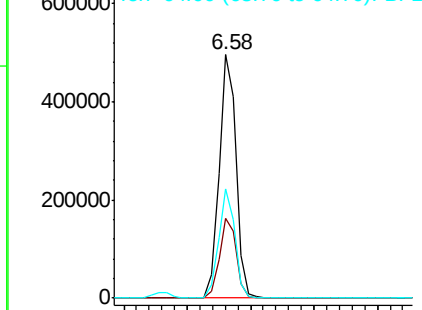
128 100

130 32.7 12.7 52.7

64 44.7 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 60.321 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

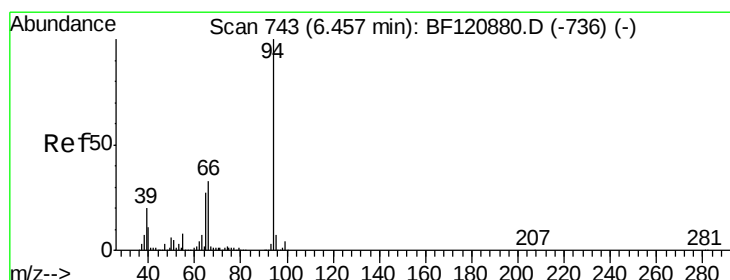
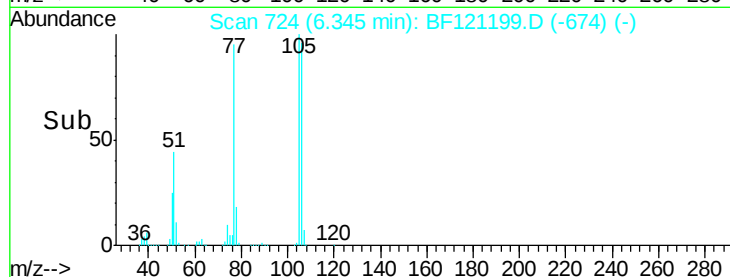
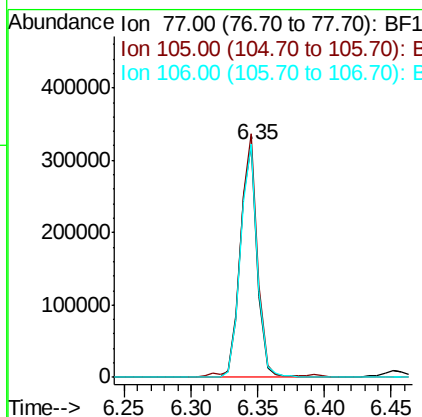
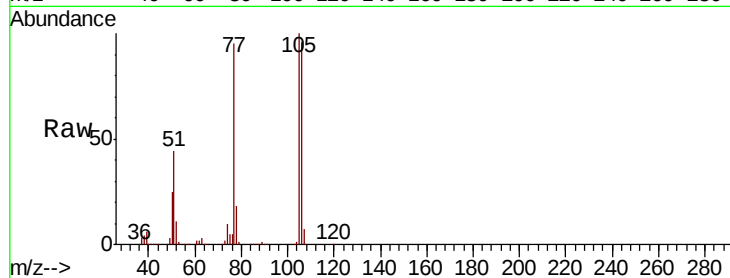
ClientSampleId :

COMP-CDMSD

Tot Ion:	77	Resp:	285334
Ion	Ratio	Lower	Upper
77	100		
105	104.9	82.4	122.4
106	100.5	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 43.949 ng

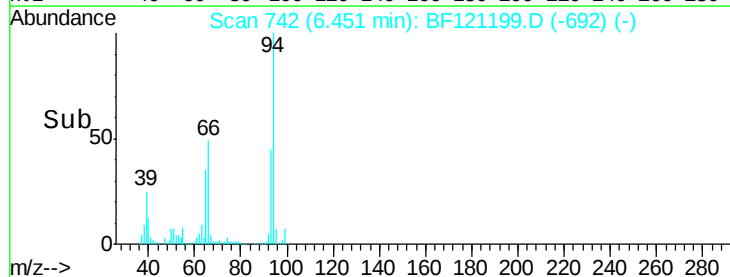
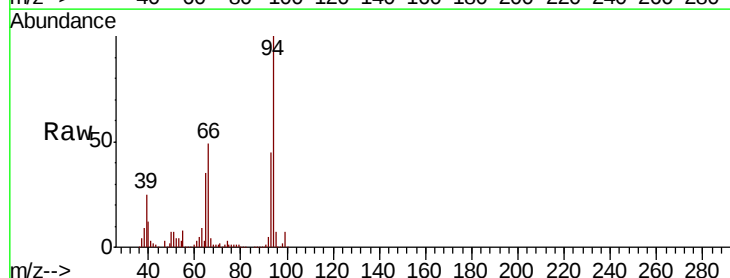
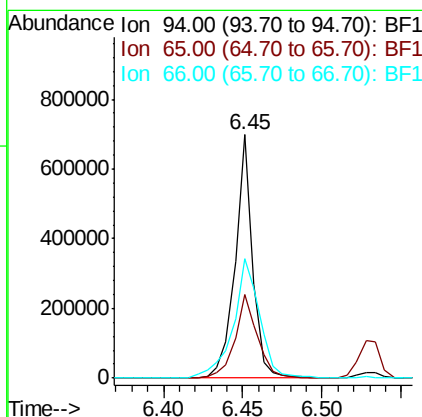
RT: 6.45 min Scan# 742

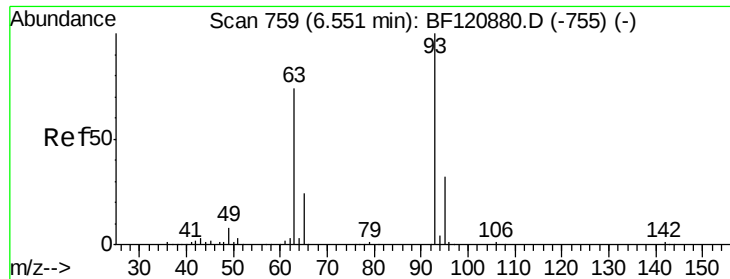
Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	94	Resp:	539395
Ion	Ratio	Lower	Upper
94	100		
65	34.5	12.6	52.6
66	49.1	25.6	65.6





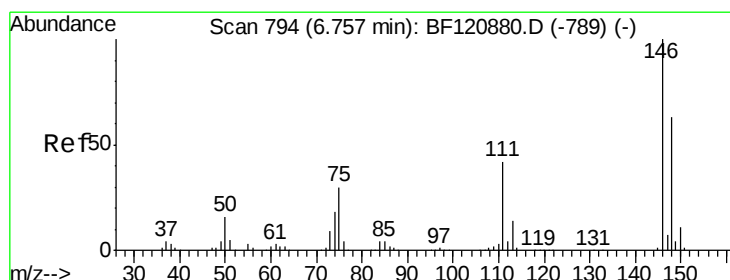
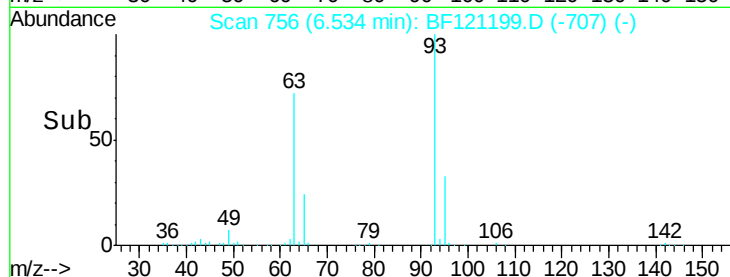
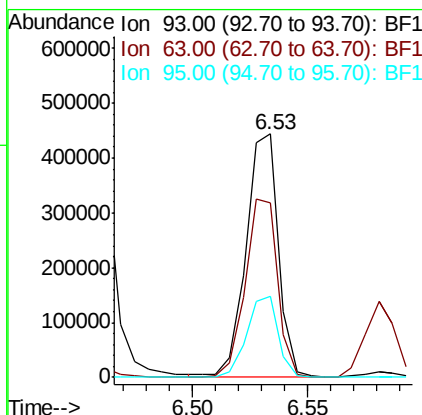
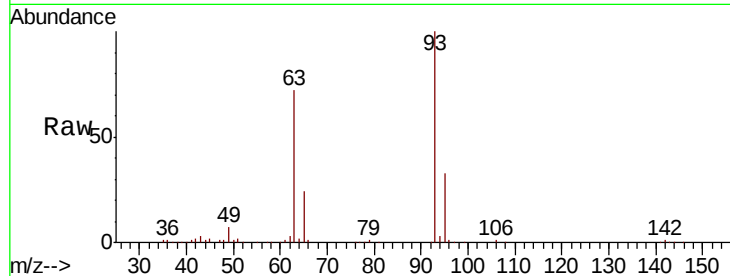
#11
bis(2-Chloroethyl)ether
Concen: 45.996 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	93	Resp:	432639
Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	33.3	13.2	53.2

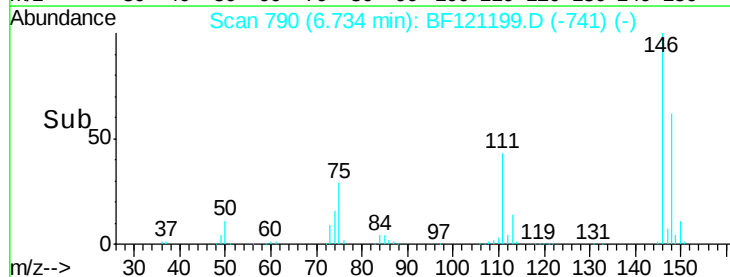
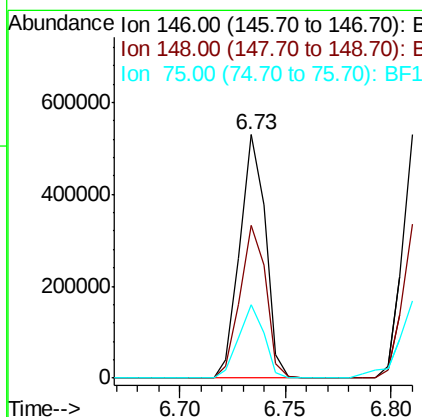
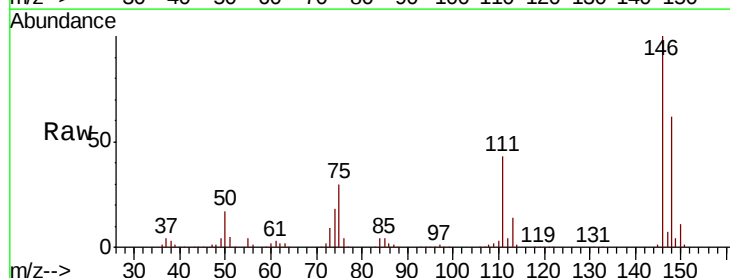
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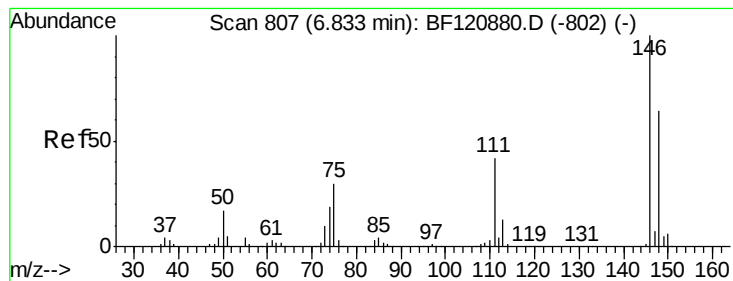
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.324 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:	146	Resp:	446998
Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.7	77.5
75	30.2	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 44.058 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

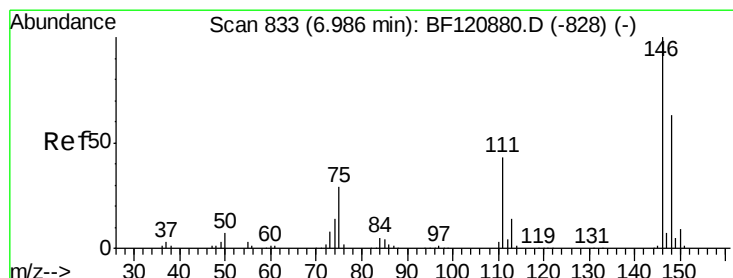
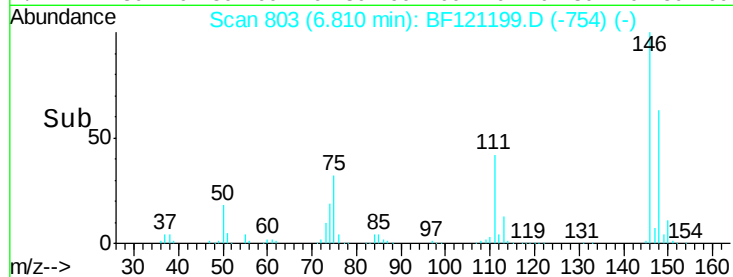
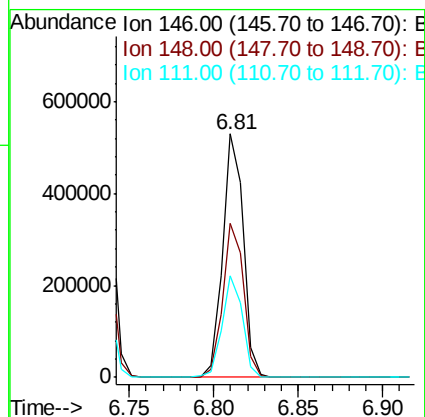
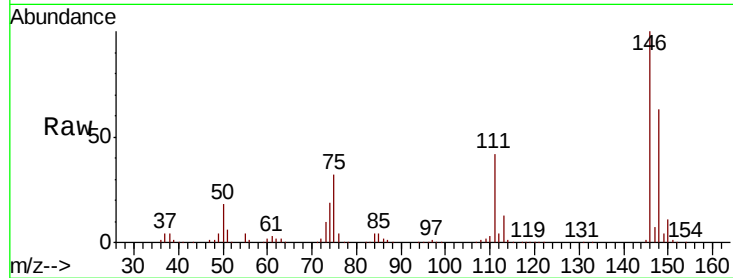
ClientSampleId :

COMP-CDMSD

Tot Ion:	146	Resp:	452009
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.5	75.7
111	41.9	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 45.284 ng

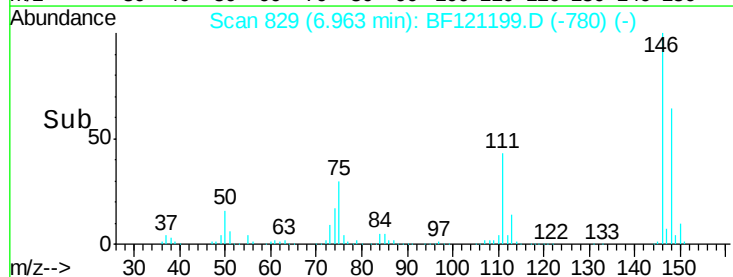
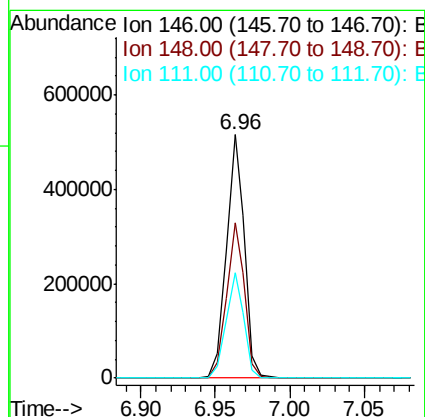
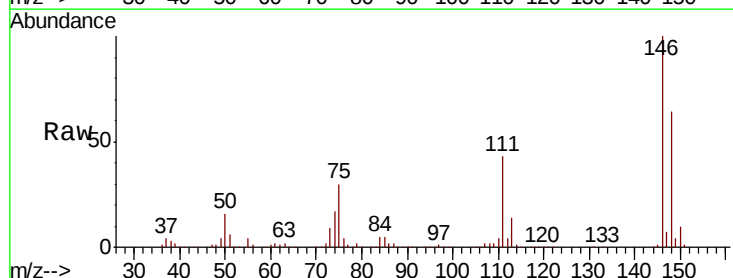
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	146	Resp:	439519
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	43.2	35.4	53.0





#15

Benzyl Alcohol

Concen: 48.168 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

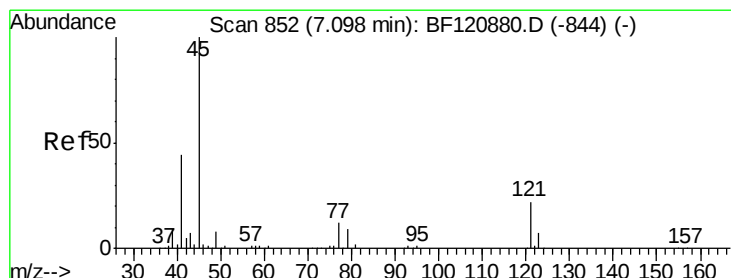
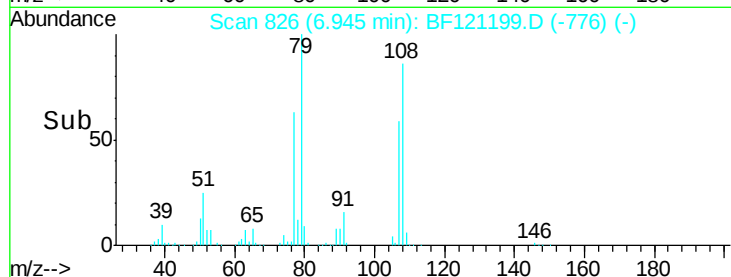
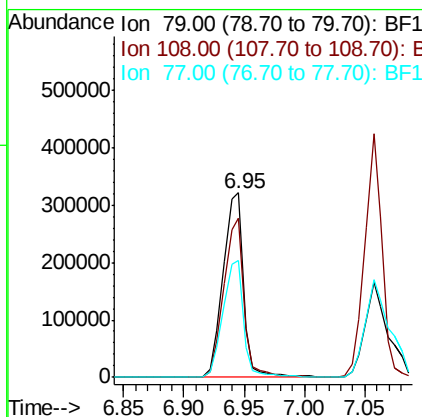
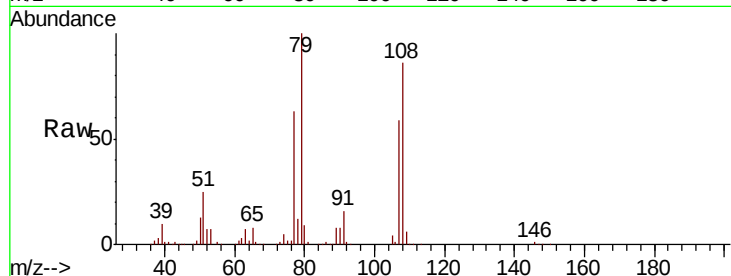
ClientSampleId :

COMP-CDMSD

Tot Ion:	79	Resp:	380054
Ion Ratio	Lower	Upper	
79	100		
108	85.9	68.6	103.0
77	63.5	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.246 ng

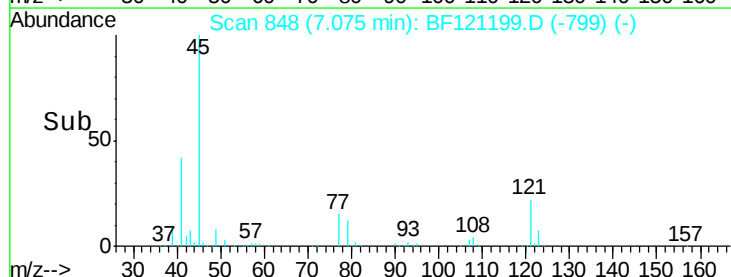
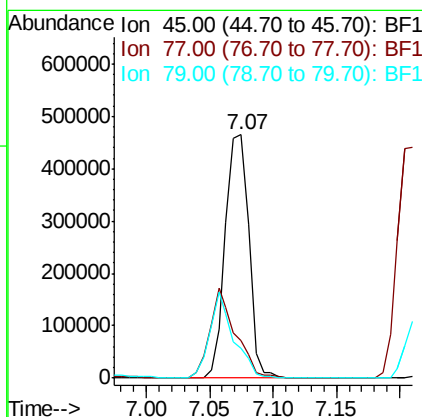
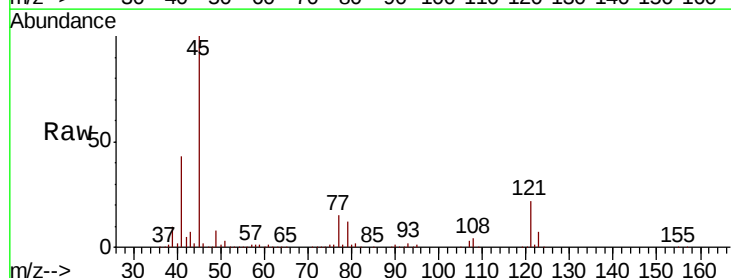
RT: 7.07 min Scan# 848

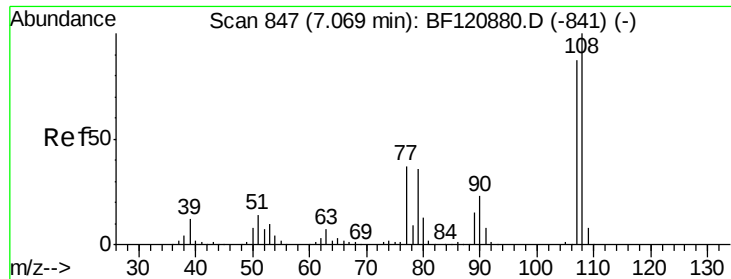
Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	45	Resp:	599856
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	34.7
79	12.3	0.0	32.0





#17

2-Methylphenol

Concen: 43.648 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

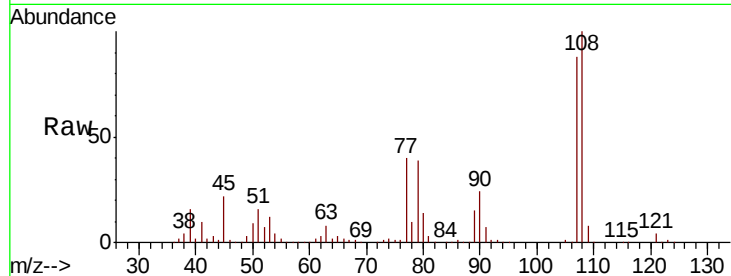
ClientSampleId :

COMP-CDMSD

Tot Ion:	107	Resp:	368103
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.2	136.8
77	45.9	36.5	54.7
79	44.3	35.0	52.6

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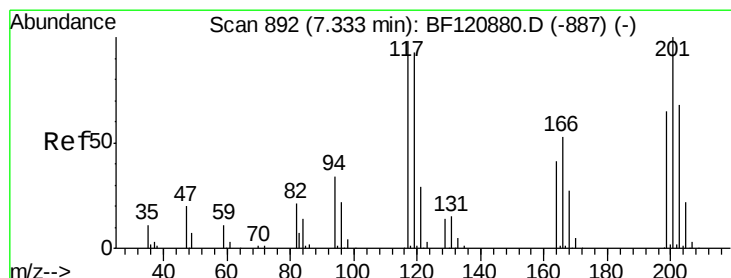
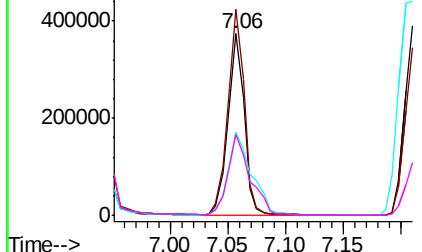
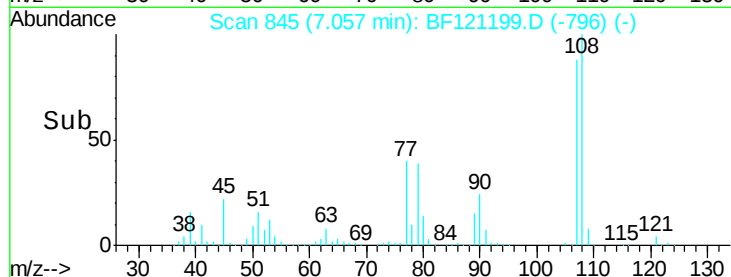


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.812 ng

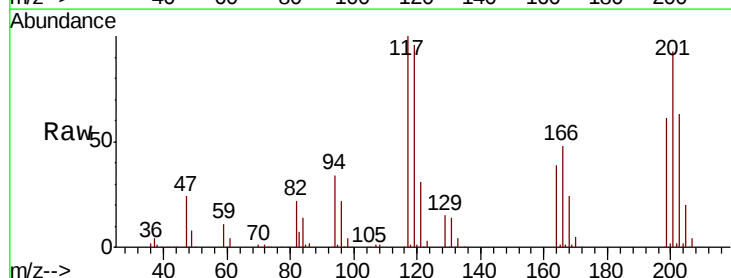
RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

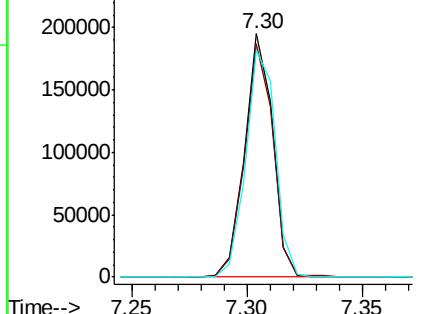
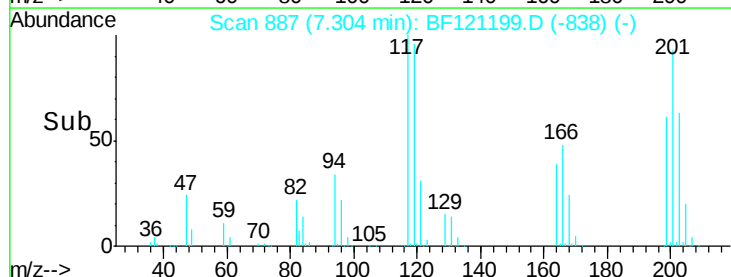
Tgt Ion:	117	Resp:	166402
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.6	114.8
201	93.0	75.0	112.4

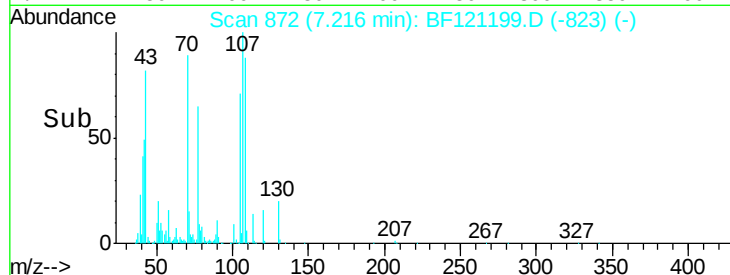
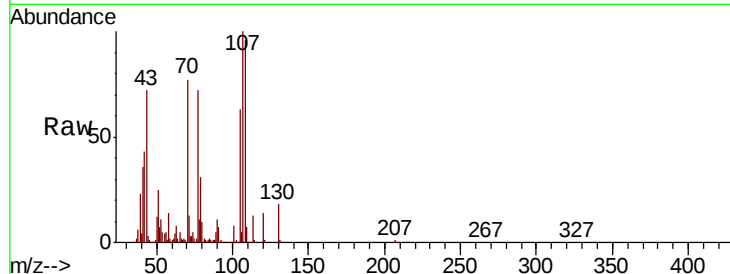
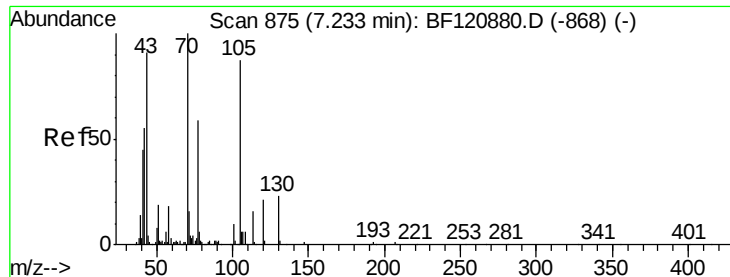


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

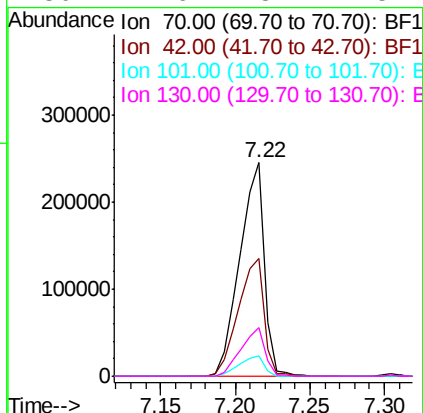
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 44.465 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

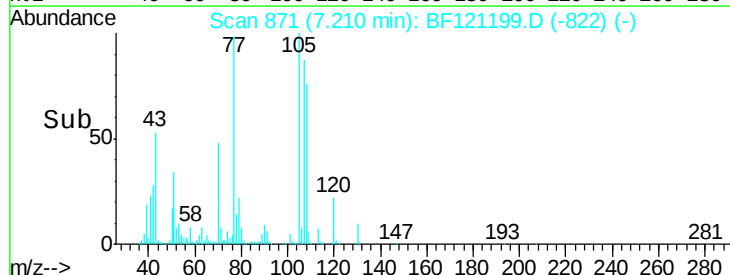
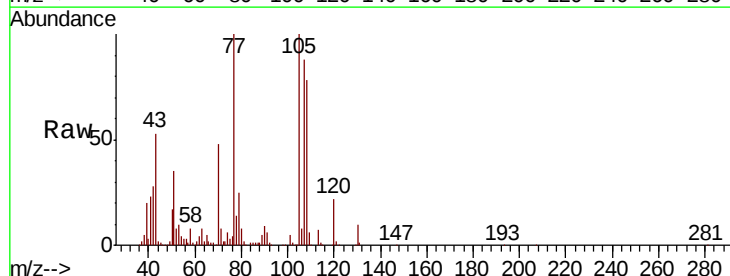
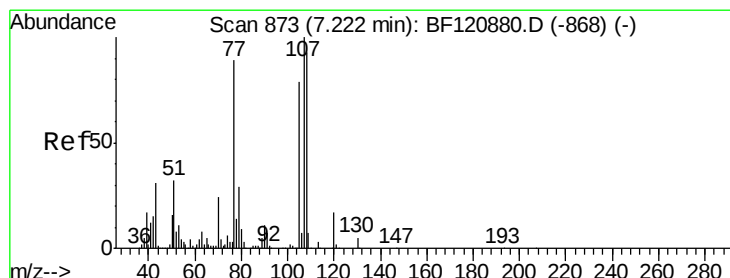
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.2	43.3	64.9		
101	9.8	8.4	12.6		
130	22.6	18.7	28.1		



Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

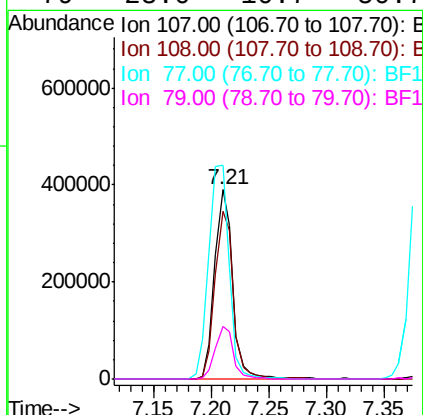
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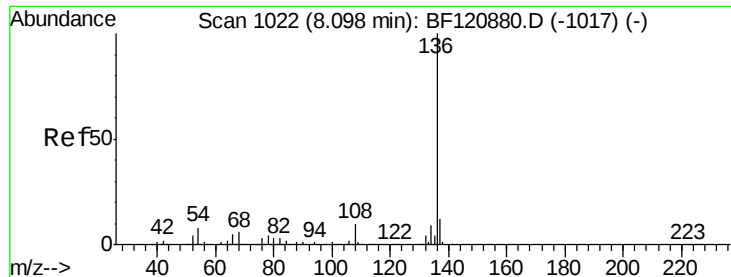
mohammad
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#20
3+4-Methylphenols
Concen: 39.092 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.6	73.7	113.7		
77	113.0	84.9	124.9		
79	28.0	10.7	50.7		





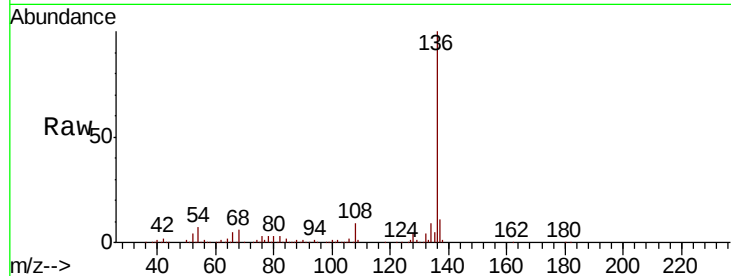
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

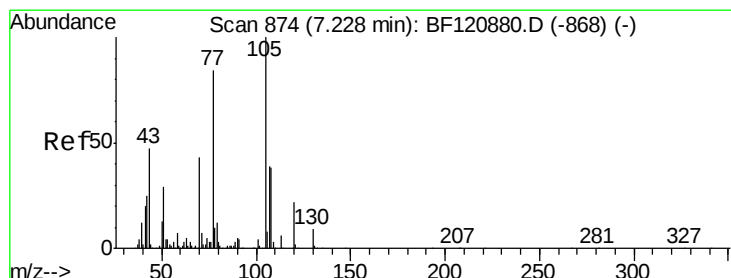
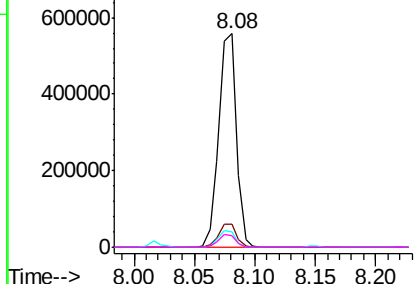
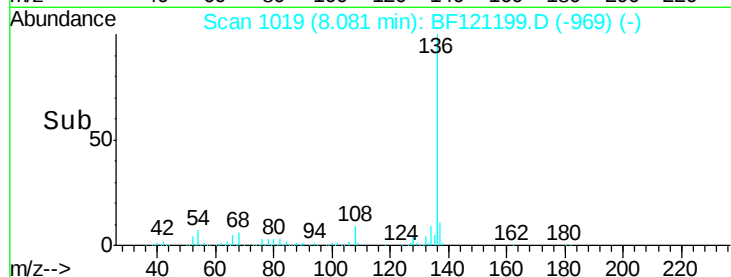
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		559008		
137	10.9	9.0	13.4		
54	6.9	6.1	9.1		
68	5.6	5.0	7.6		

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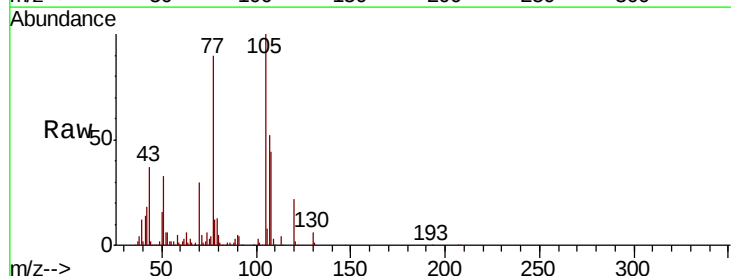


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

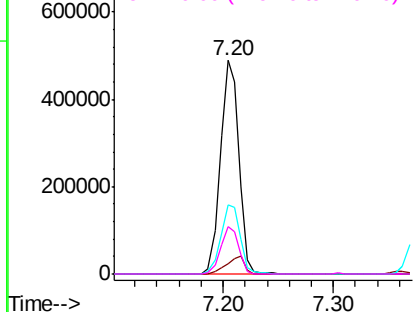
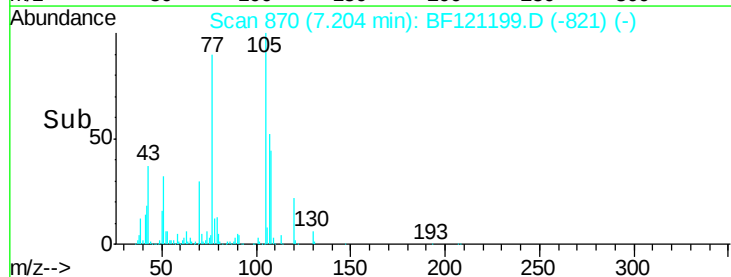


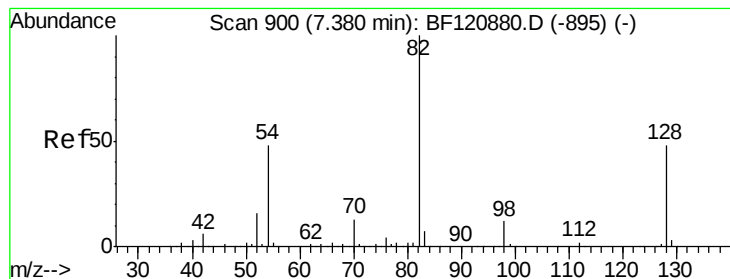
#22
Acetophenone
Concen: 45.277 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		568033		
71	5.1	3.8	5.8		
51	32.5	28.0	42.0		
120	22.3	17.8	26.6		



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 70.438 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

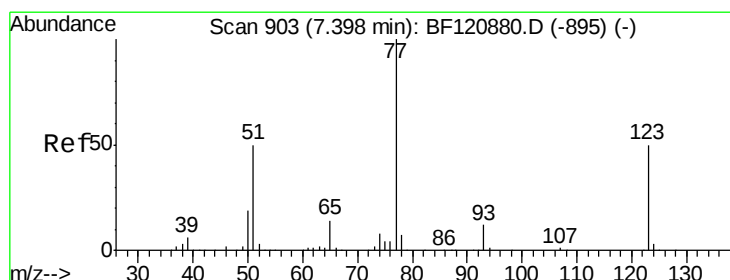
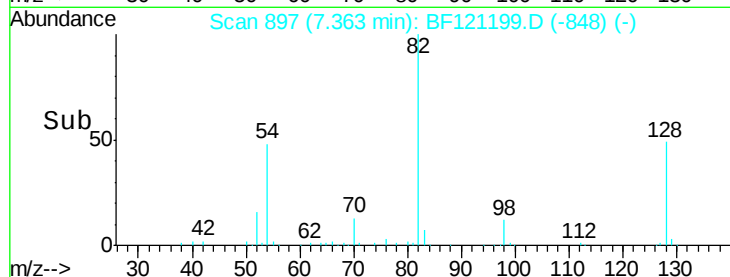
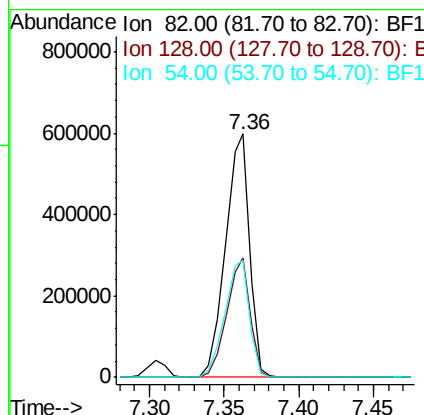
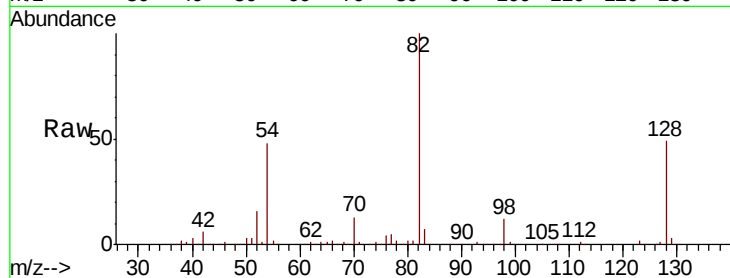
ClientSampleId :

COMP-CDMSD

Tot Ion:	82	Resp:	680489
Ion	Ratio	Lower	Upper
82	100		
128	48.8	39.2	58.8
54	48.2	37.8	56.8

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#24

Nitrobenzene

Concen: 44.738 ng

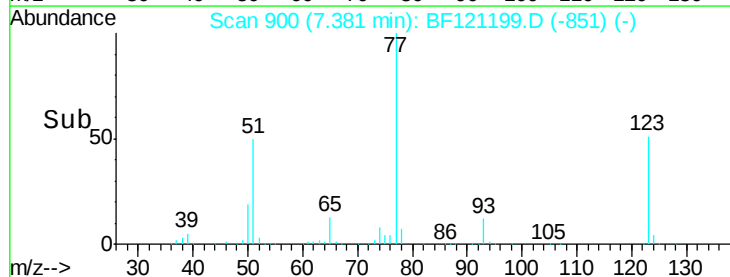
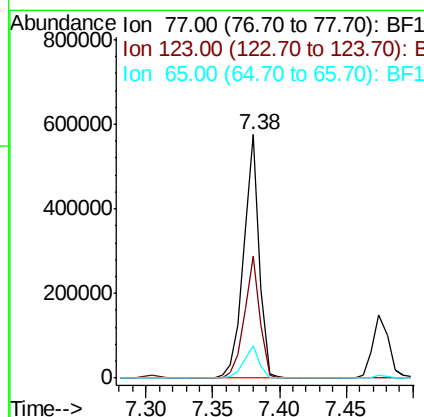
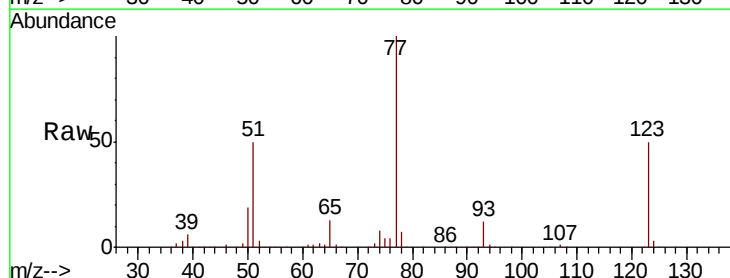
RT: 7.38 min Scan# 900

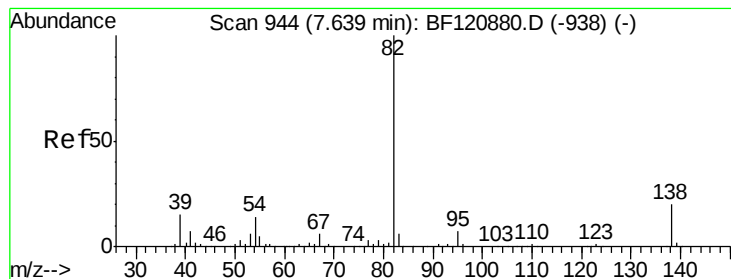
Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	77	Resp:	465831
Ion	Ratio	Lower	Upper
77	100		
123	50.3	41.0	61.6
65	13.3	10.3	15.5





#25

Isophorone

Concen: 45.555 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

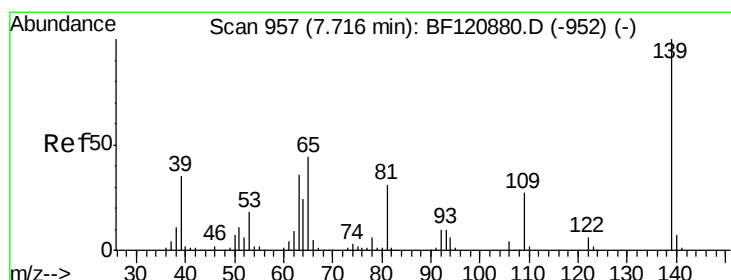
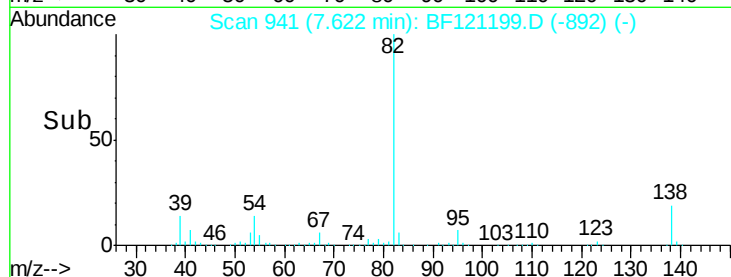
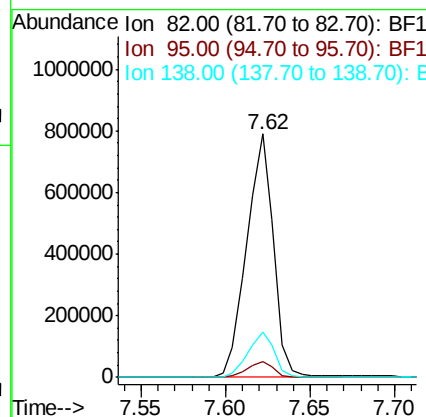
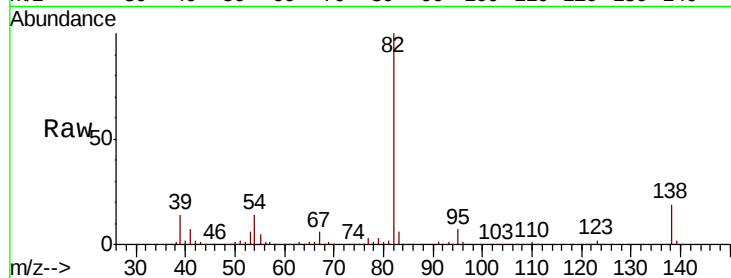
ClientSampleId :

COMP-CDMSD

Tot Ion:	82	Resp:	878347
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.5	8.3
138	18.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 51.714 ng

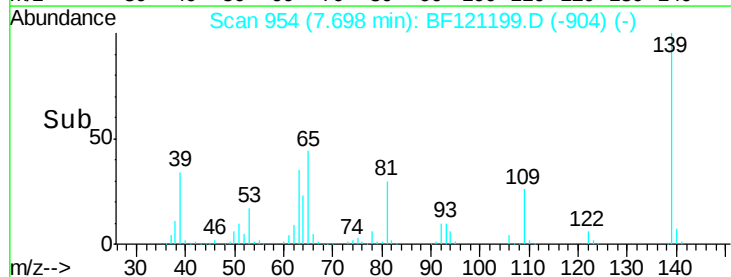
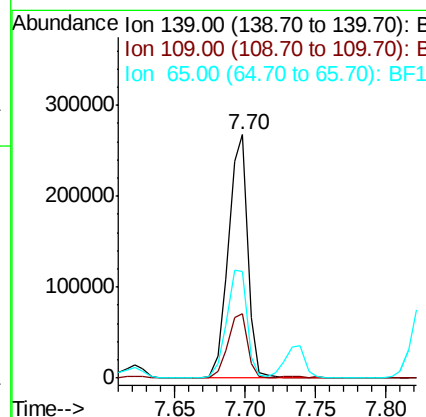
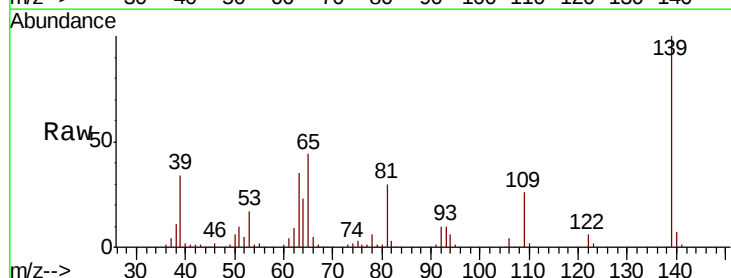
RT: 7.70 min Scan# 954

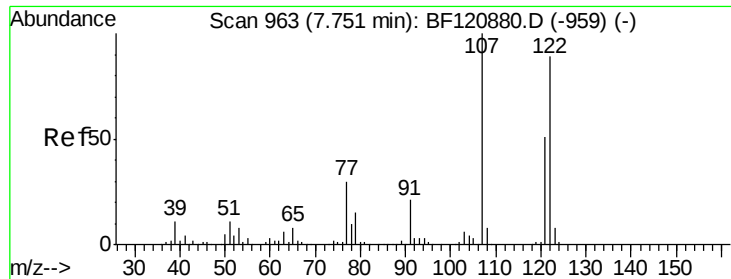
Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	139	Resp:	255739
Ion Ratio		Lower	Upper
139	100		
109	26.4	21.7	32.5
65	43.7	36.3	54.5





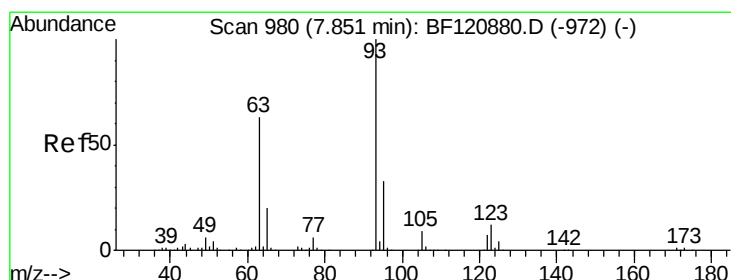
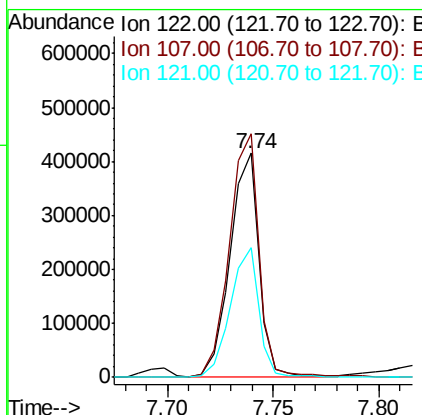
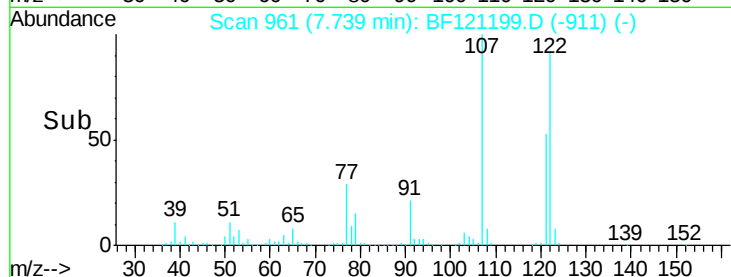
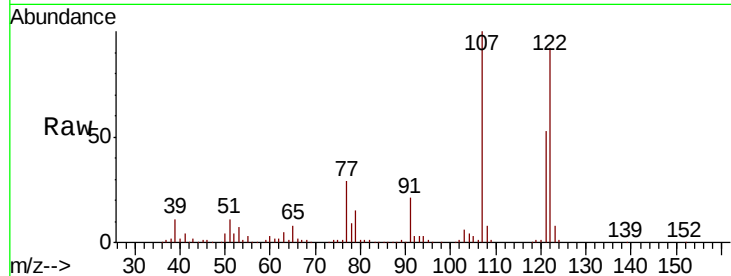
#27
2,4-Dimethylphenol
Concen: 48.995 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	87.1	130.7
121	57.9	45.5	68.3

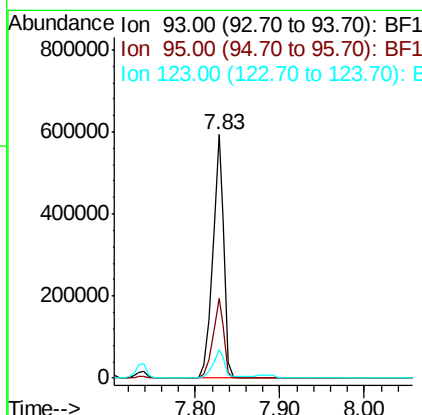
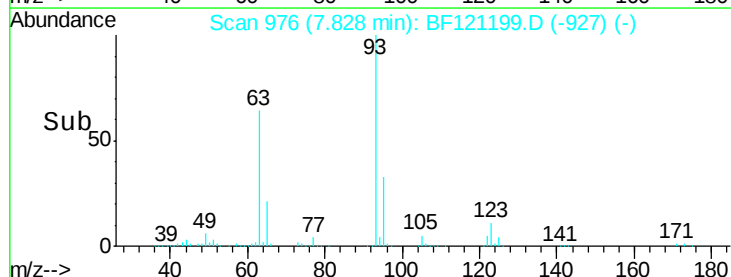
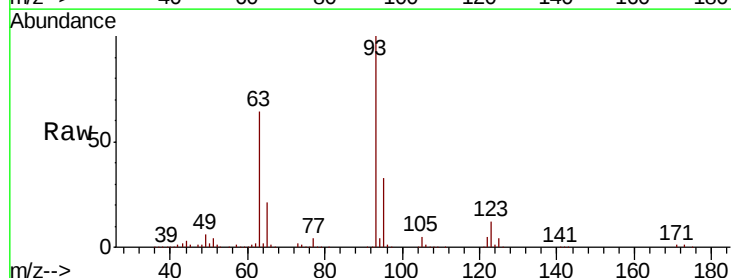
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#28
bis(2-Chloroethoxy)methane
Concen: 47.297 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.6	9.5	14.3





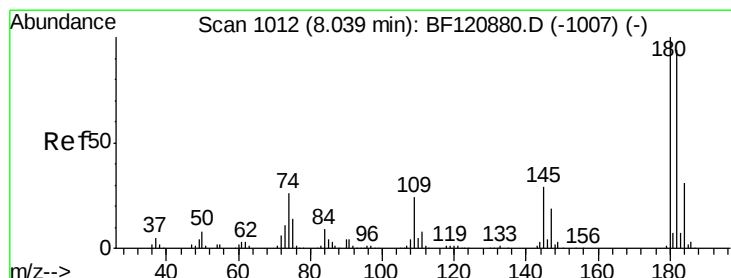
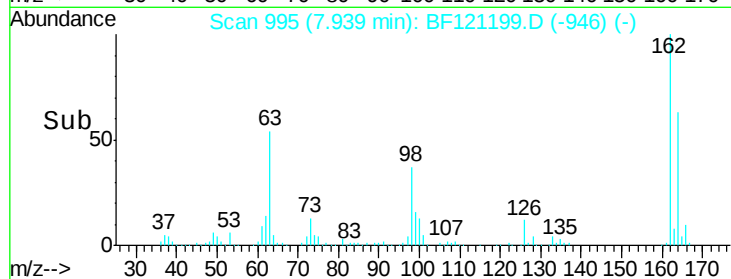
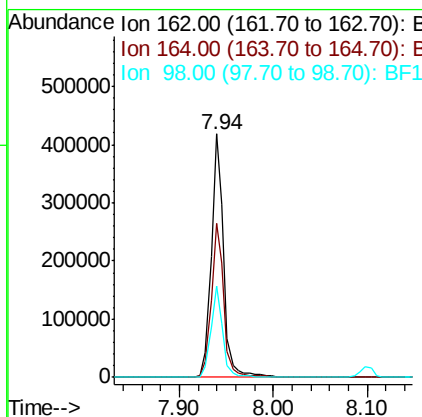
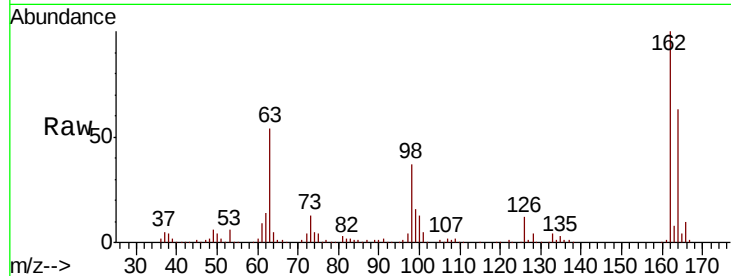
#29
 2,4-Dichlorophenol
 Concen: 47.721 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		391531		
164	63.1	44.7	84.7		
98	37.4	14.2	54.2		

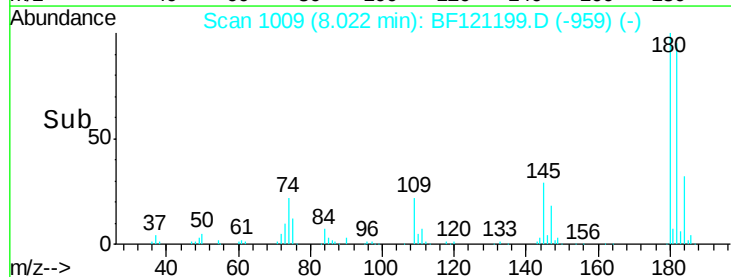
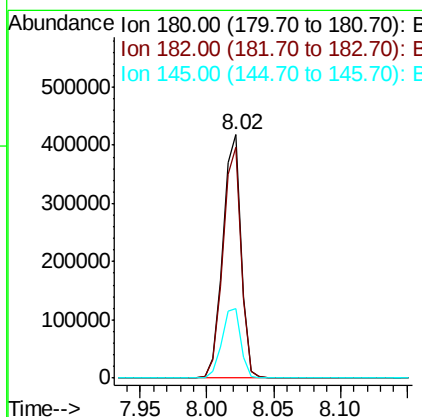
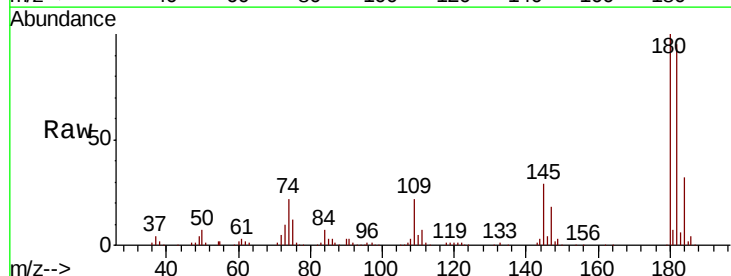
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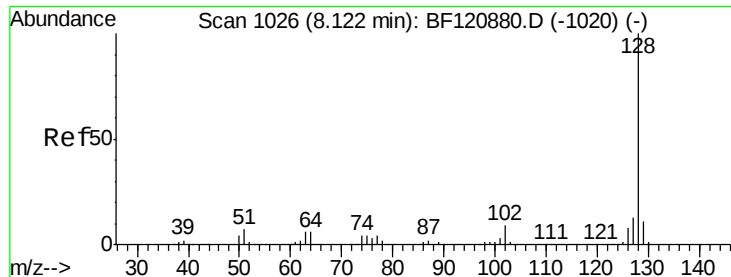
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.571 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		405719		
182	94.9	76.4	114.6		
145	28.6	24.2	36.4		





#31

Naphthalene

Concen: 43.783 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:128 Resp: 1255448

Ion Ratio Lower Upper

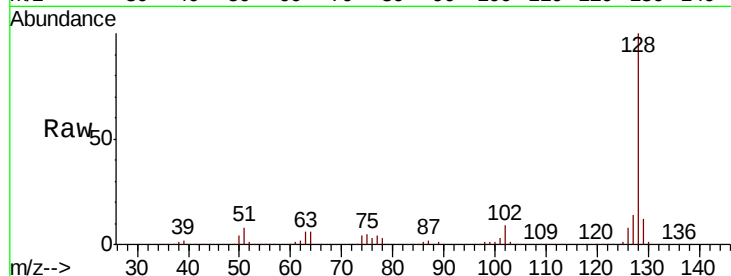
128 100

129 11.6 9.3 13.9

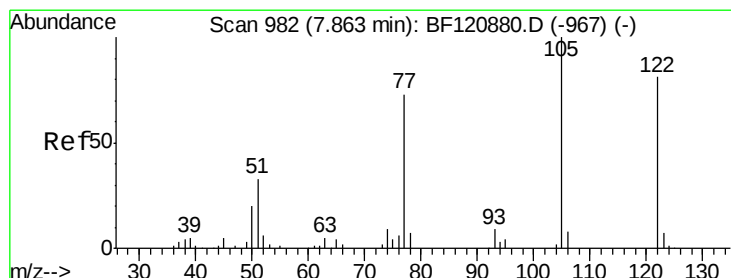
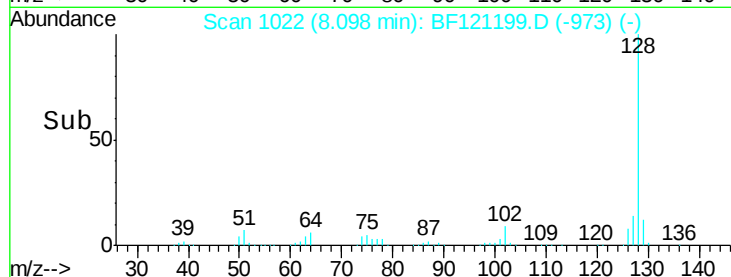
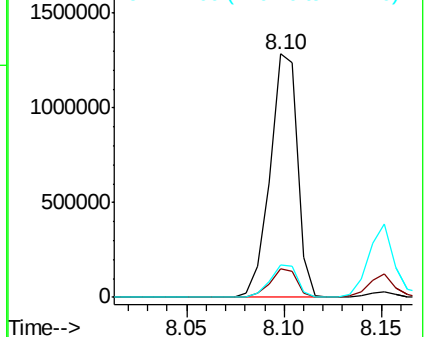
127 13.6 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.601 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

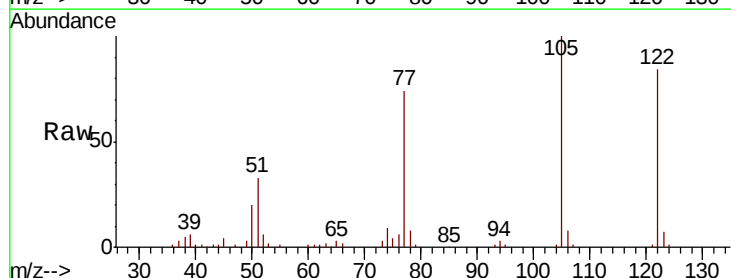
Tgt Ion:122 Resp: 304983

Ion Ratio Lower Upper

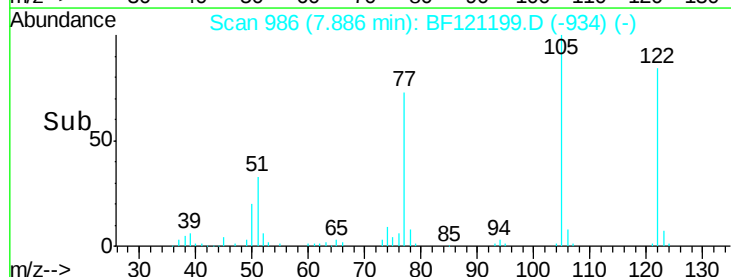
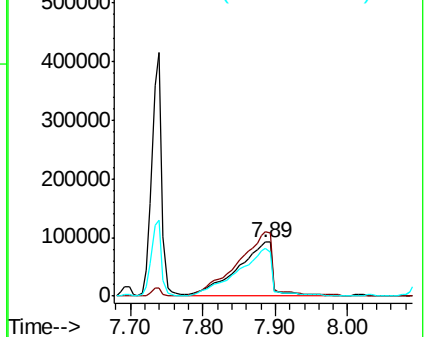
122 100

105 119.6 100.9 140.9

77 88.2 67.8 107.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





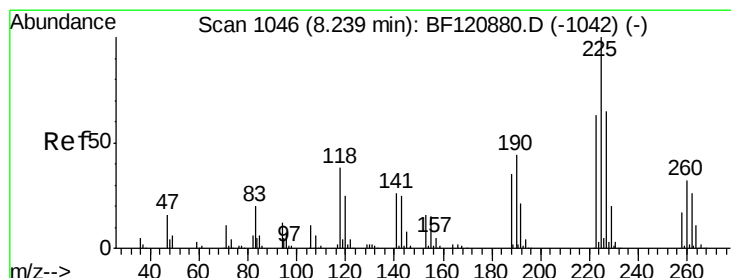
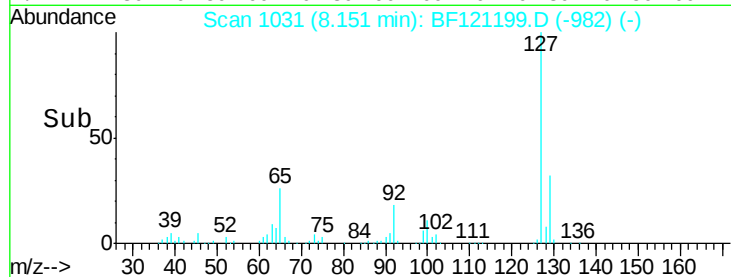
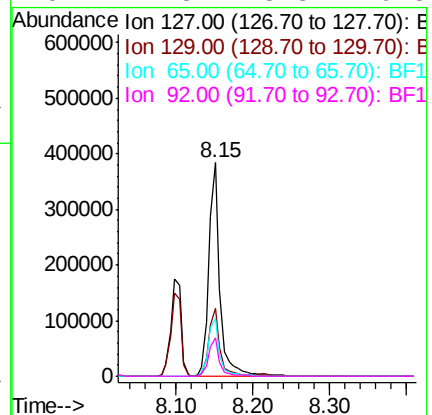
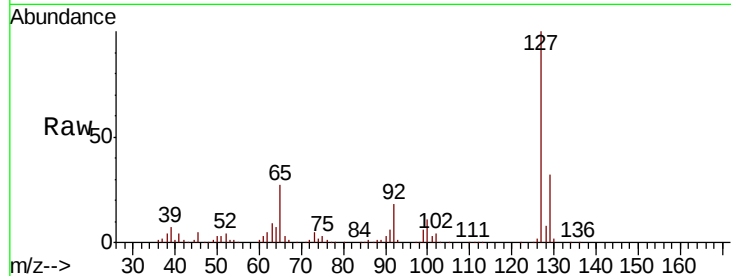
#33
4-Chloroaniline
Concen: 29.840 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.2	39.2		
65	27.0	21.4	32.0		
92	17.8	13.8	20.8		

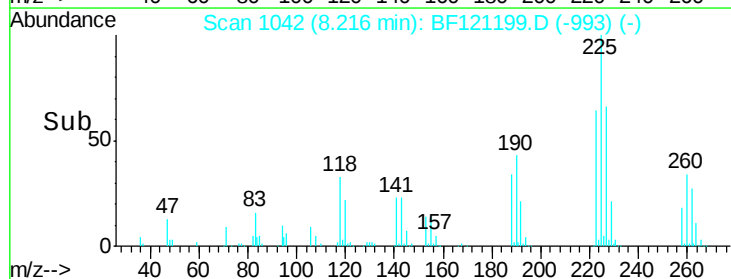
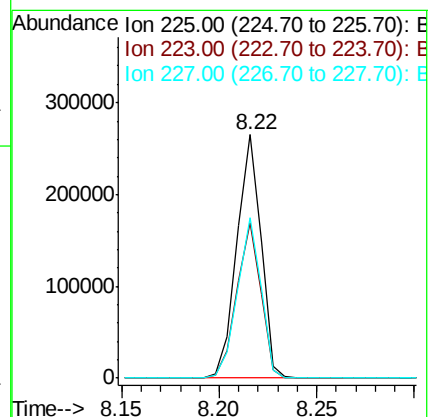
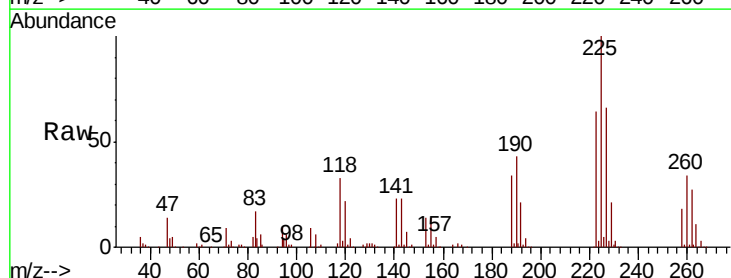
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#34
Hexachlorobutadiene
Concen: 42.581 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	49.7	74.5		
227	65.9	51.4	77.0		





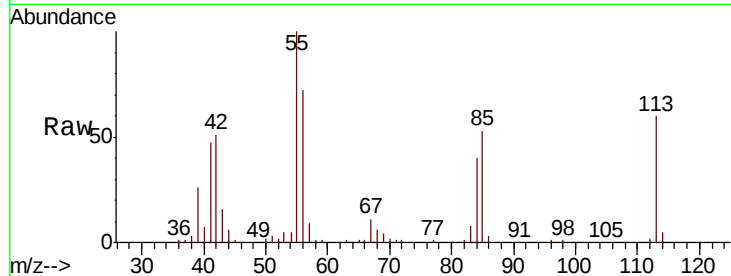
#35
Caprolactam
Concen: 52.164 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

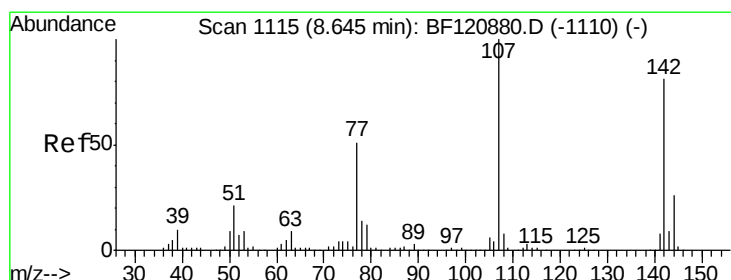
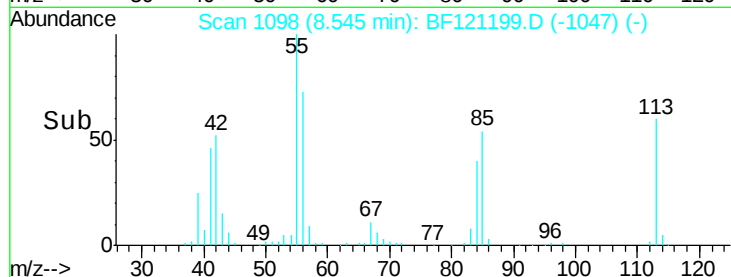
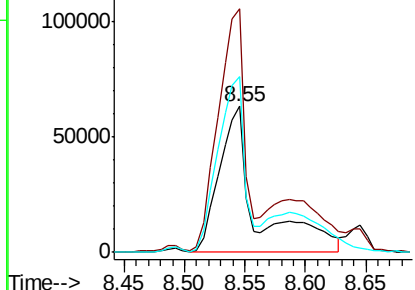
Tot Ion	Ratio	Lower	Upper
113	100		
55	166.6	131.0	171.0
56	120.7	90.4	130.4

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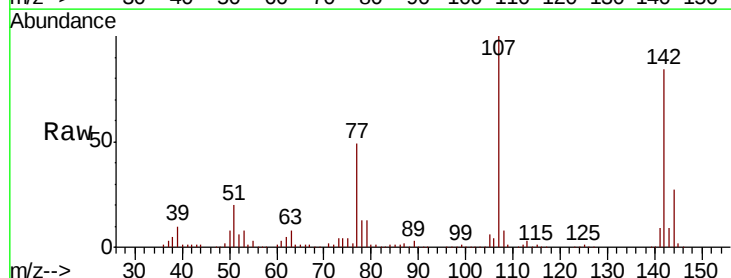


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

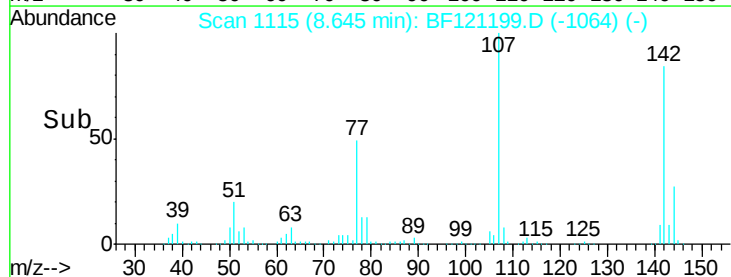
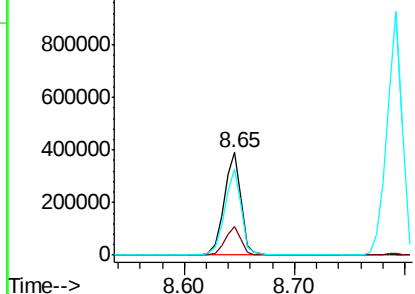


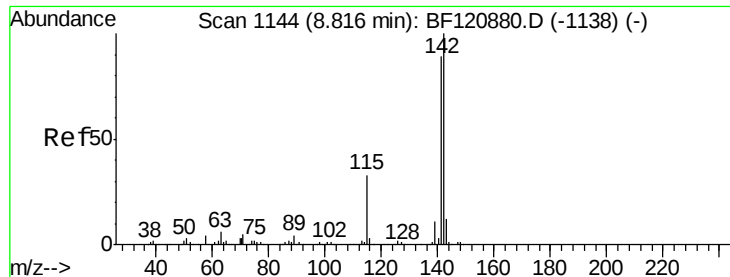
#36
4-Chloro-3-methylphenol
Concen: 49.327 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.9	31.3
142	83.9	64.5	96.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





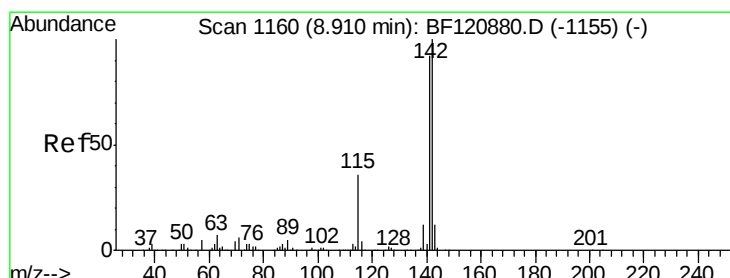
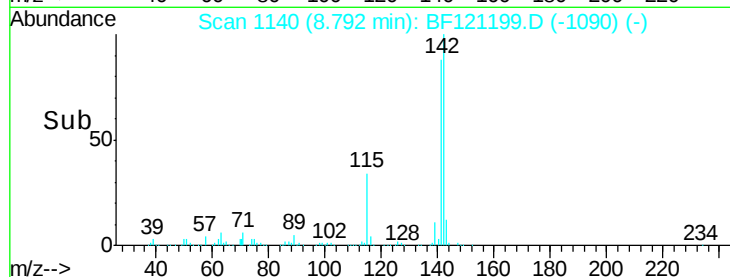
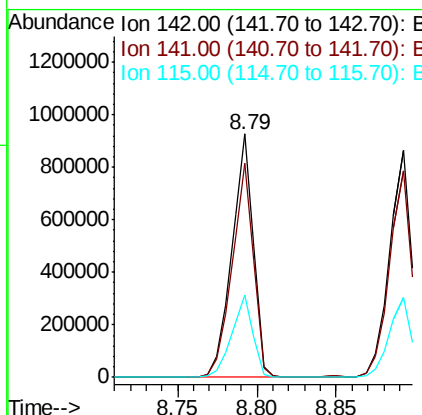
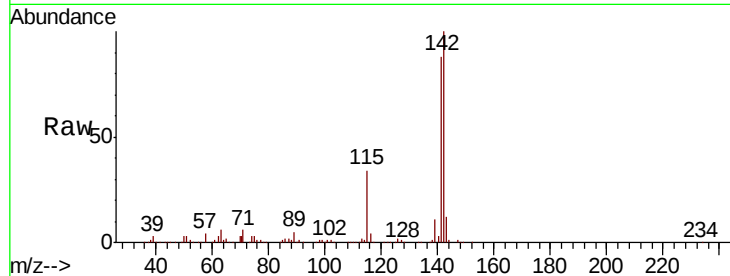
#37
2-Methylnaphthalene
Concen: 46.891 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	105.8
115	33.8	27.1	40.7

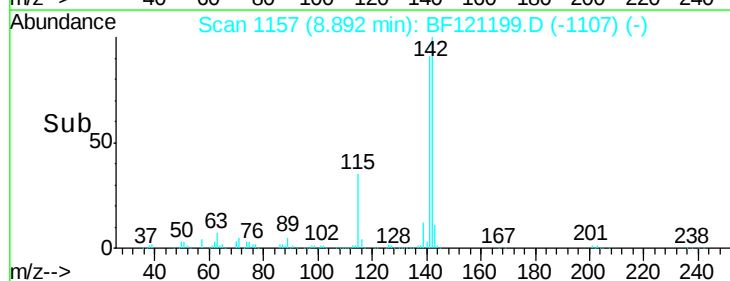
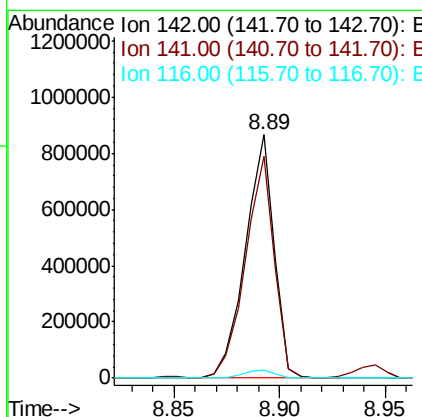
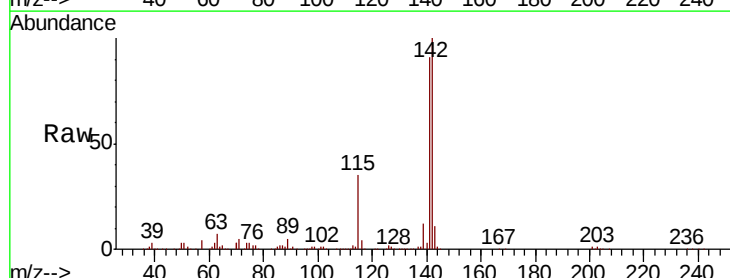
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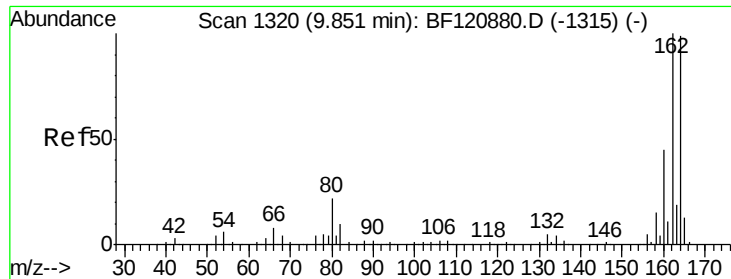
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#38
1-Methylnaphthalene
Concen: 46.410 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6
116	3.6	3.0	4.6





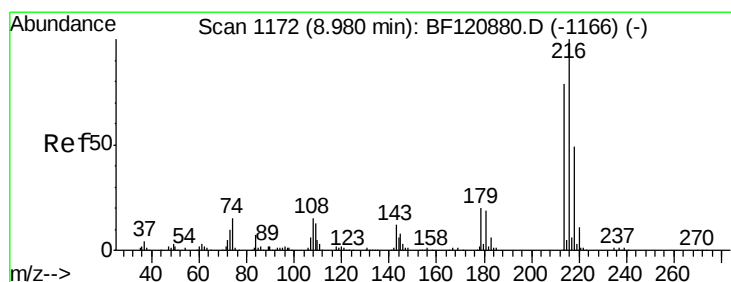
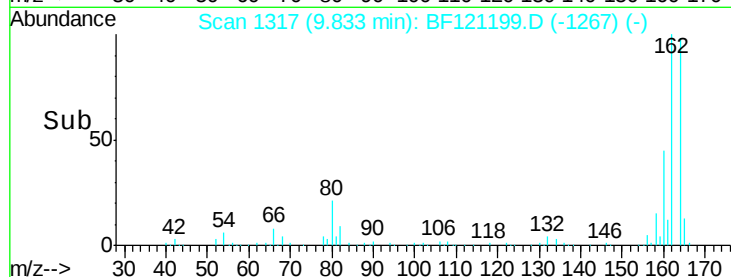
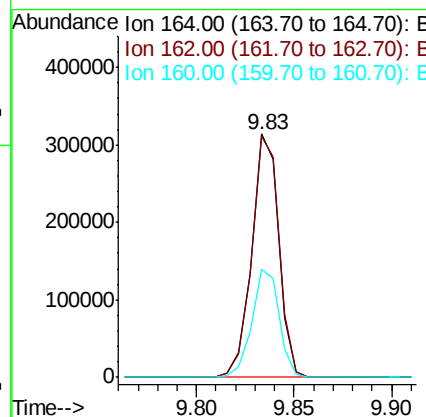
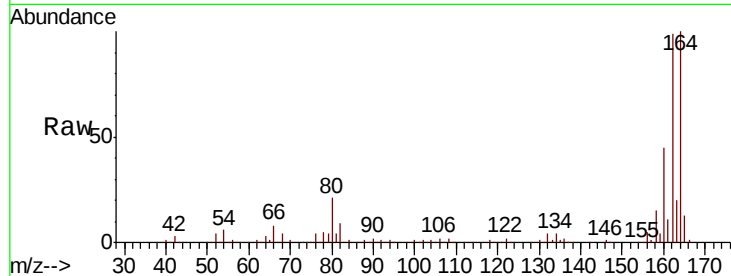
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.2	82.2	123.2	
160	44.6	37.2	55.8	

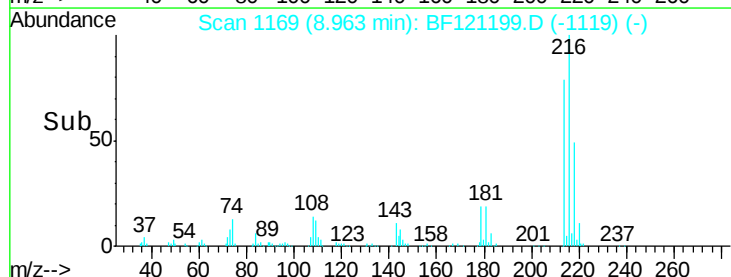
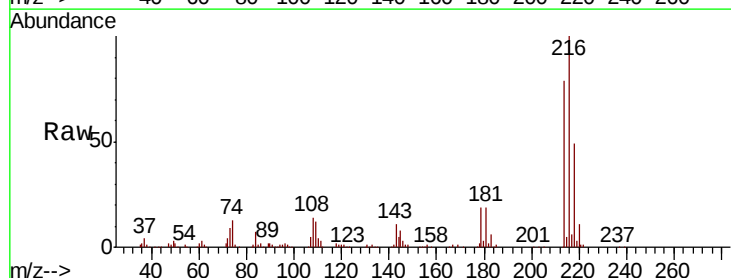
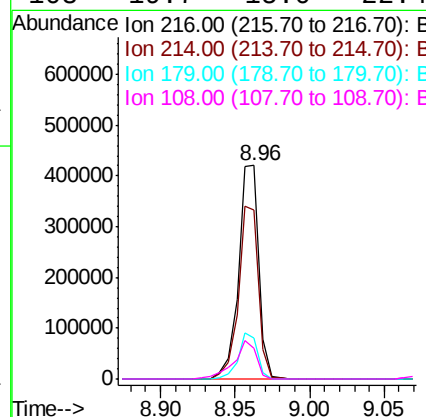
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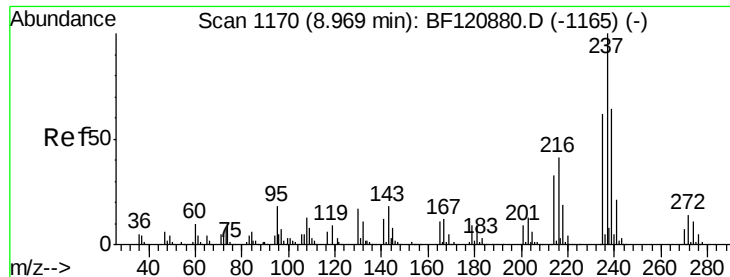
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.959 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.9	95.9	
179	20.4	16.6	24.8	
108	19.7	15.0	22.4	





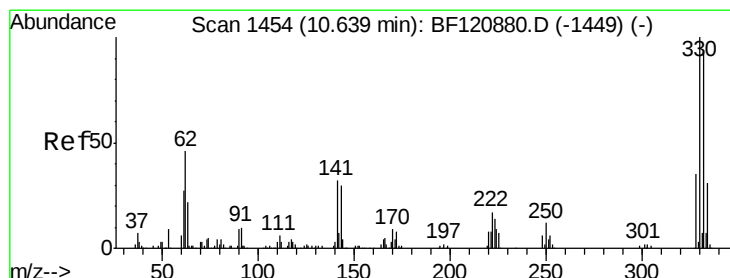
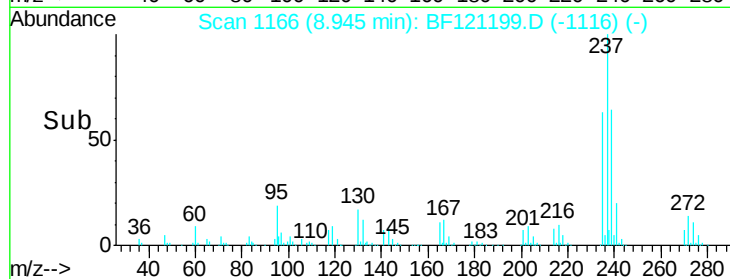
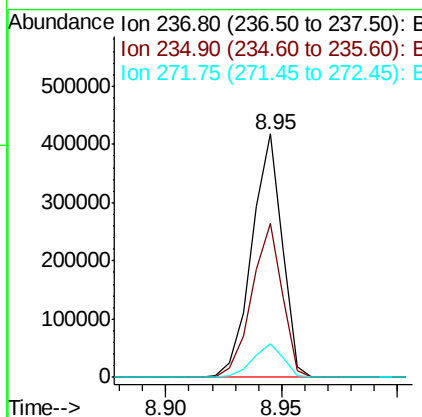
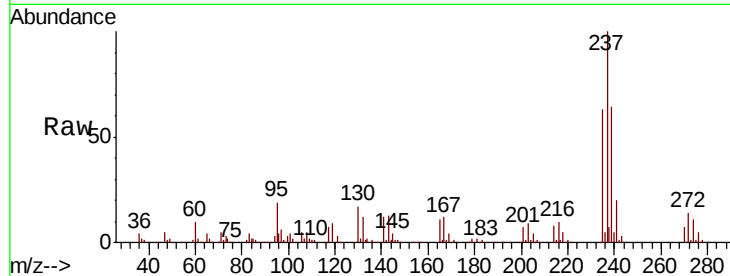
#41
Hexachlorocyclopentadiene
Concen: 79.387 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2	43.2	83.2		
272	13.6	0.0	33.6		

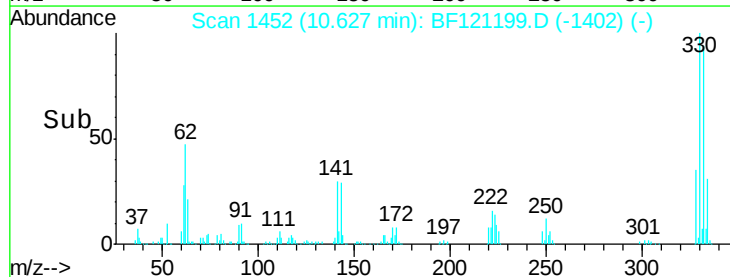
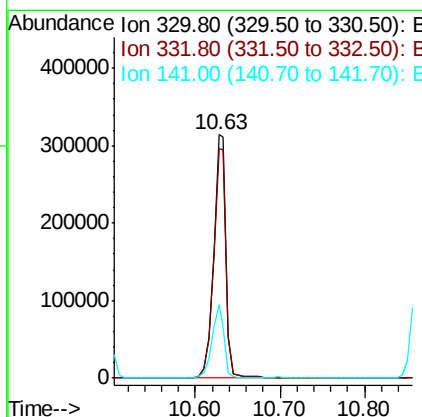
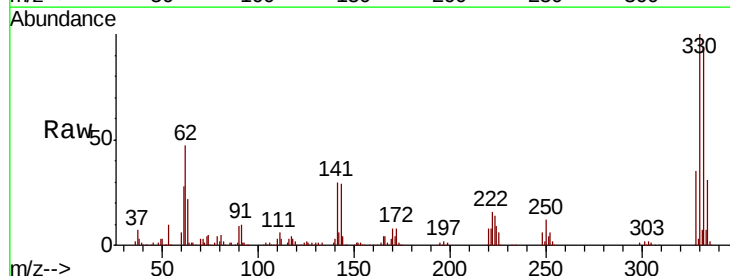
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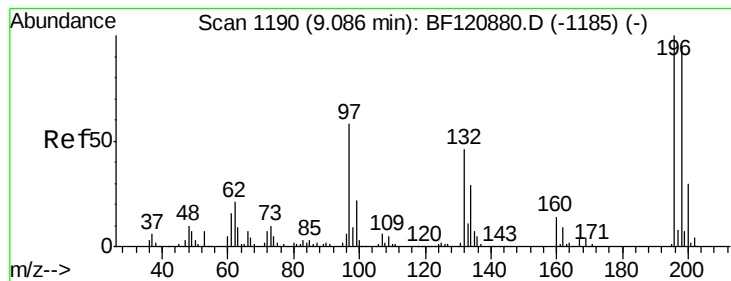
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#42
2,4,6-Tribromophenol
Concen: 100.654 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.2	76.1	114.1		
141	29.3	24.1	36.1		





#43

2,4,6-Trichlorophenol

Concen: 47.331 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

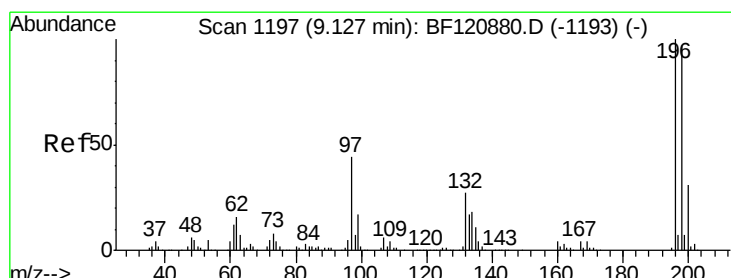
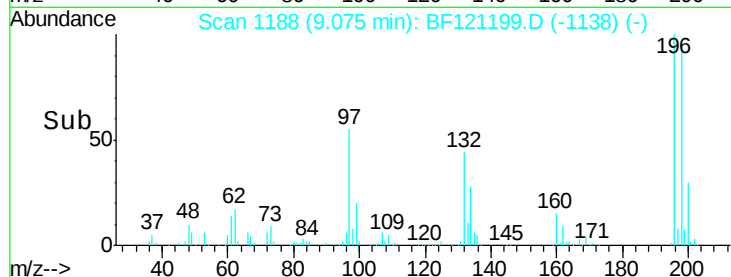
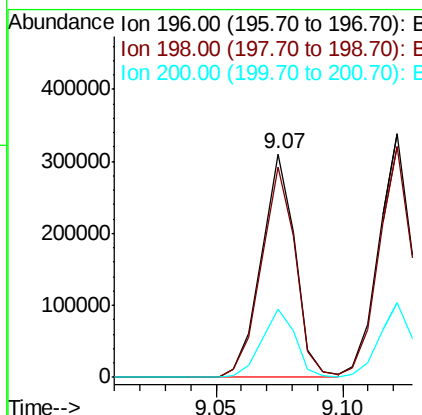
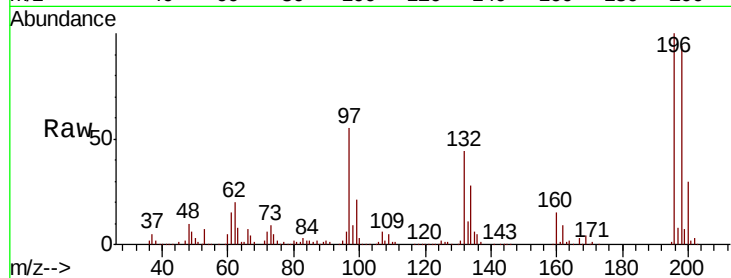
ClientSampleId :

COMP-CDMSD

Tot Ion:	196	Resp:	291244
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.5	116.3
200	30.3	24.6	37.0

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#44

2,4,5-Trichlorophenol

Concen: 45.278 ng

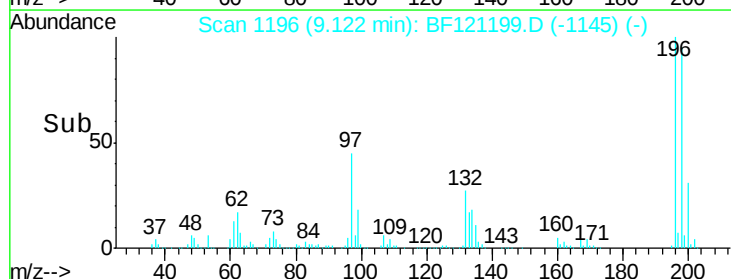
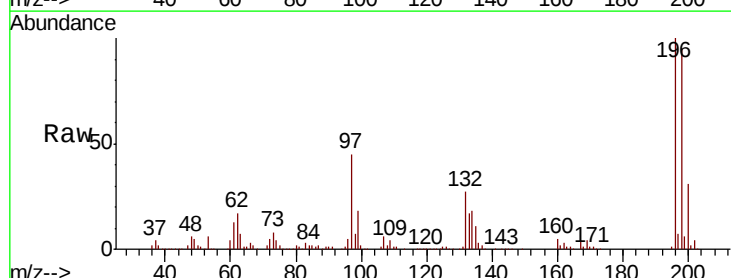
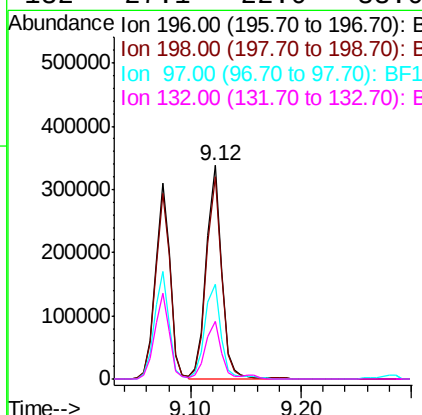
RT: 9.12 min Scan# 1196

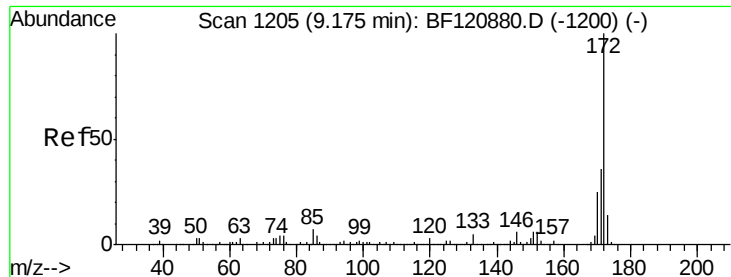
Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:	196	Resp:	316038
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.4
97	44.6	37.3	55.9
132	27.1	22.0	33.0





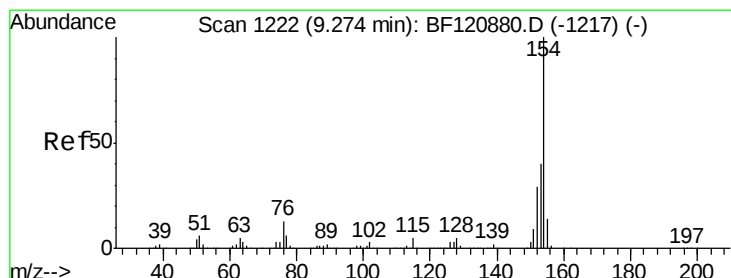
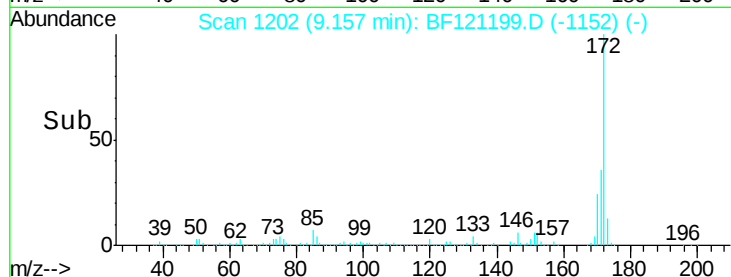
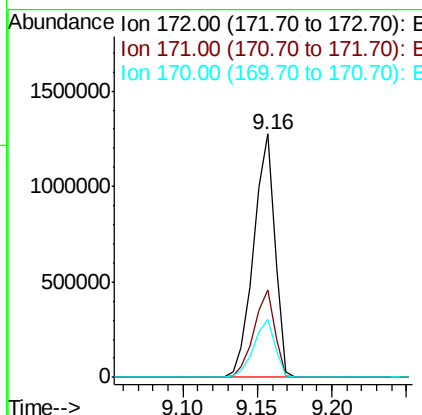
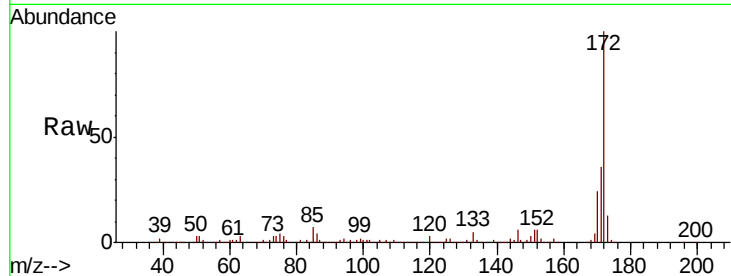
#45
 2-Fluorobiphenyl
 Concen: 62.320 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.1	19.6	29.4

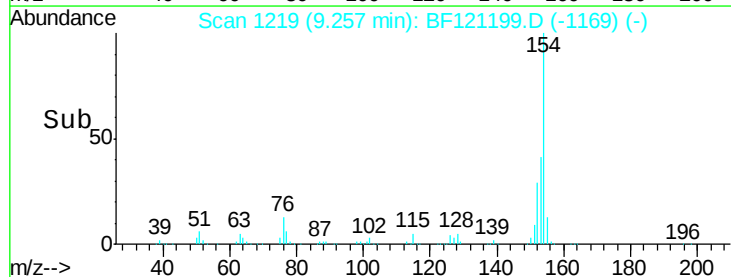
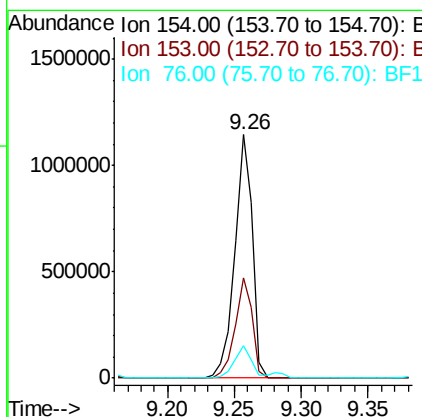
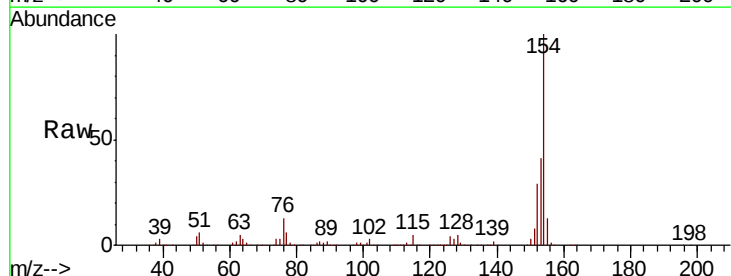
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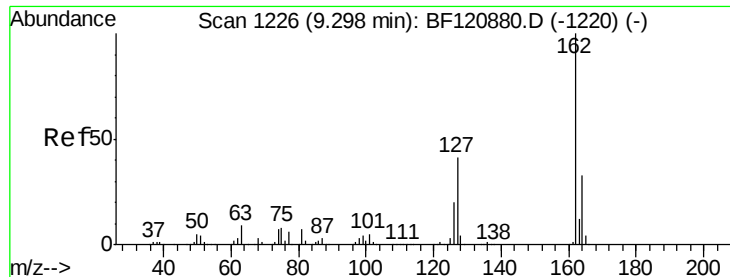
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#46
 1,1'-Biphenyl
 Concen: 46.430 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	13.2	0.0	33.4





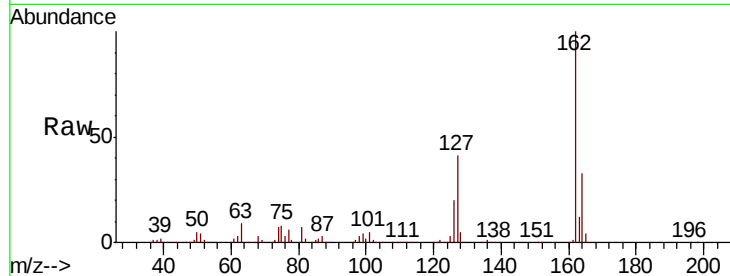
#47
 2-Chloronaphthalene
 Concen: 44.073 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

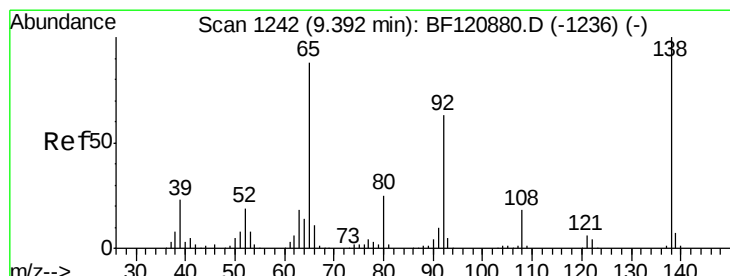
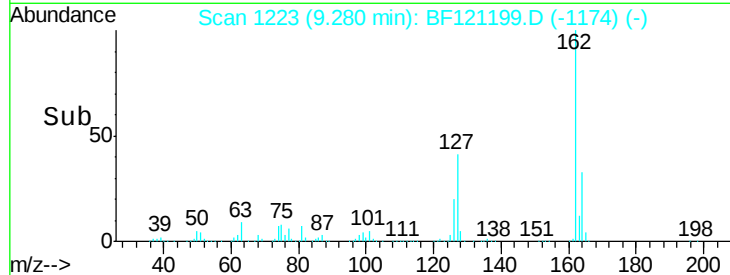
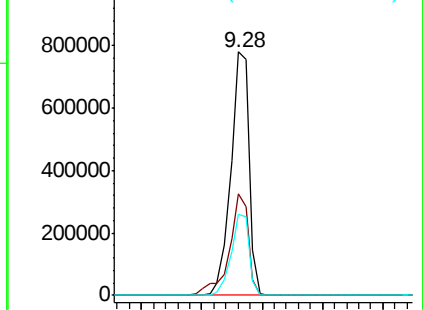
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.5	31.1	46.7		
164	33.0	26.6	40.0		

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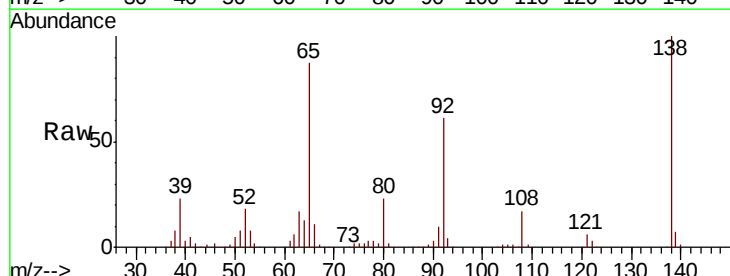


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

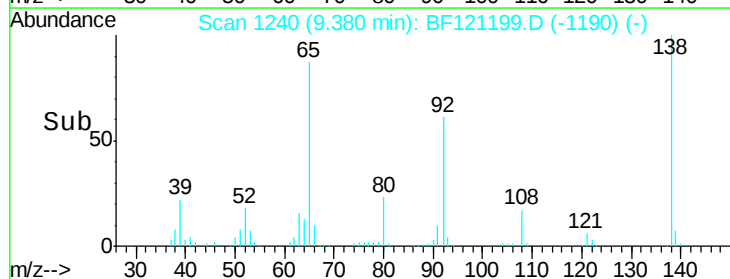
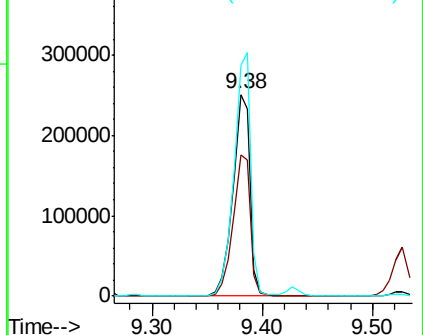


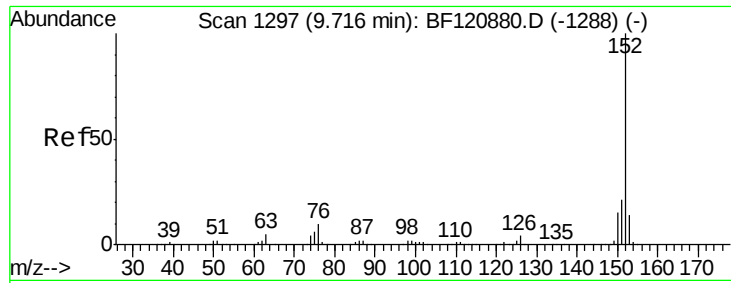
#48
 2-Nitroaniline
 Concen: 48.814 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.4	58.0	87.0		
138	114.8	93.3	139.9		



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.681 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:152 Resp: 1323861

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

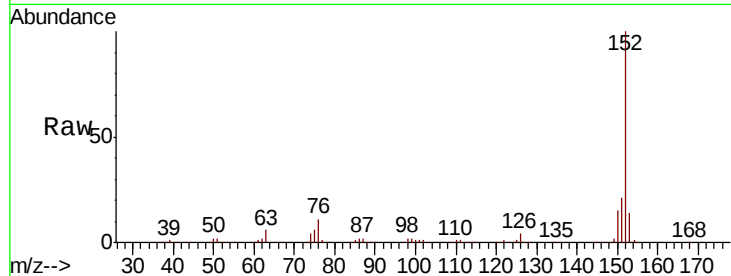
153 13.8 11.0 16.4

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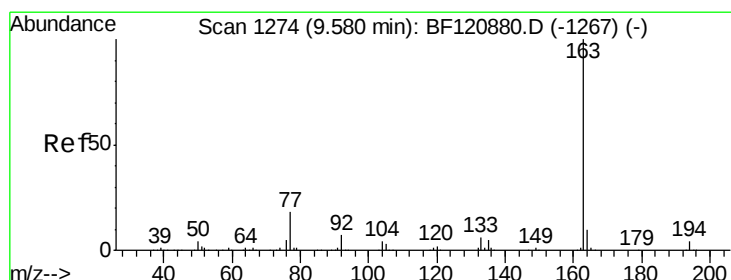
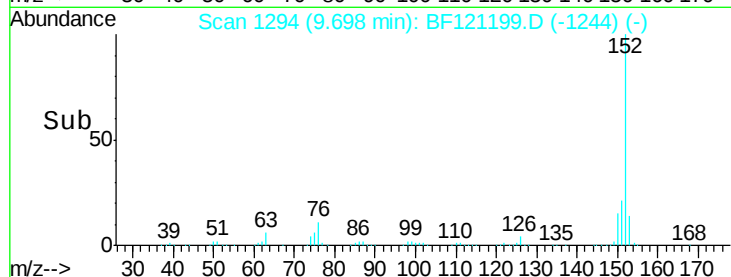
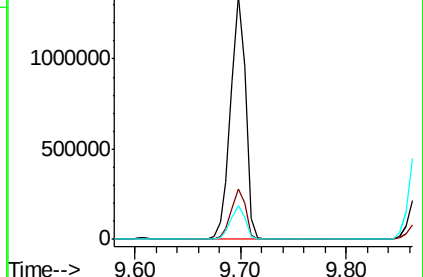
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.214 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

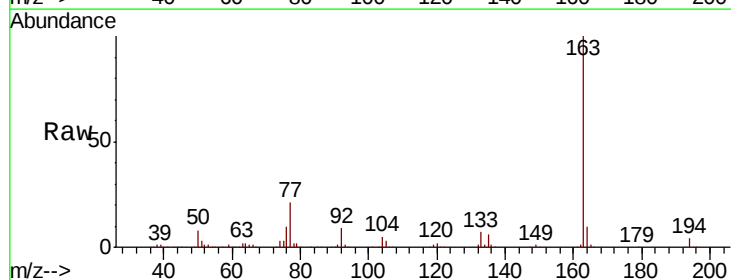
Tgt Ion:163 Resp: 1151559

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

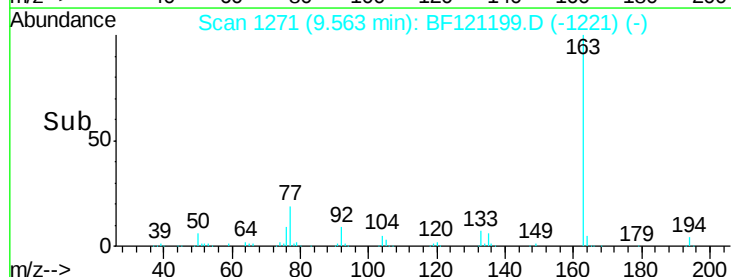
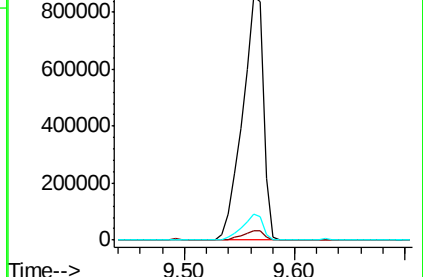
164 10.5 8.4 12.6

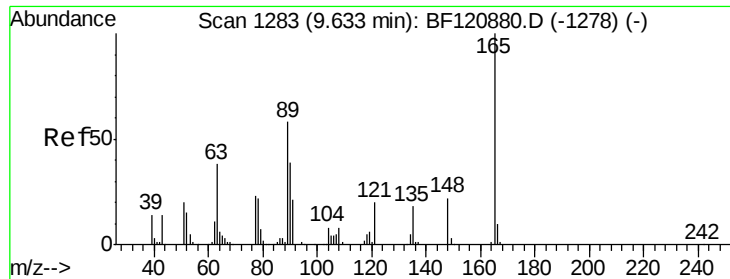


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





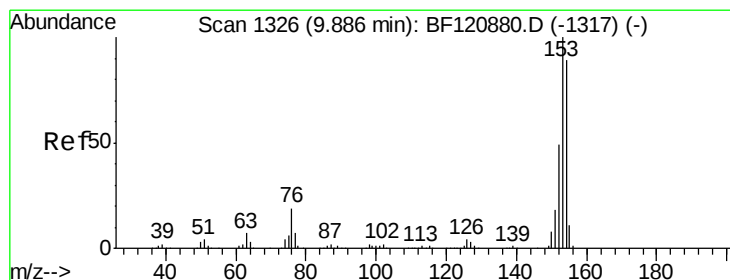
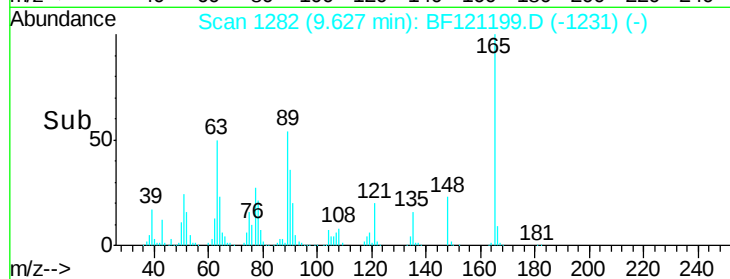
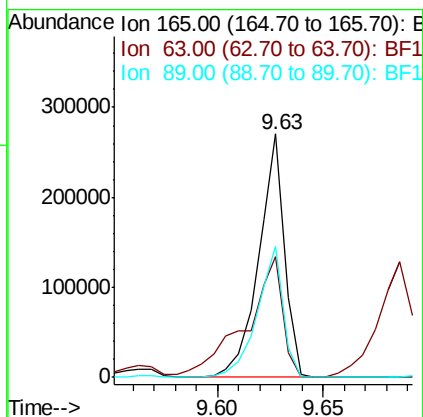
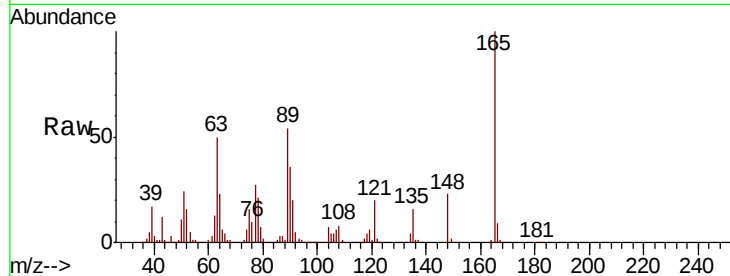
#51
2,6-Dinitrotoluene
Concen: 49.404 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	165	Resp:	229687
Ion Ratio	Lower	Upper	
165	100		
63	49.8	41.1	61.7
89	53.6	43.5	65.3

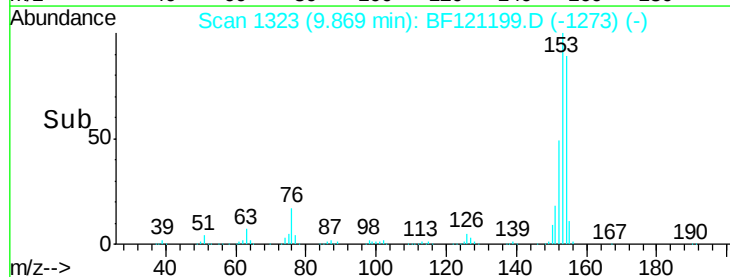
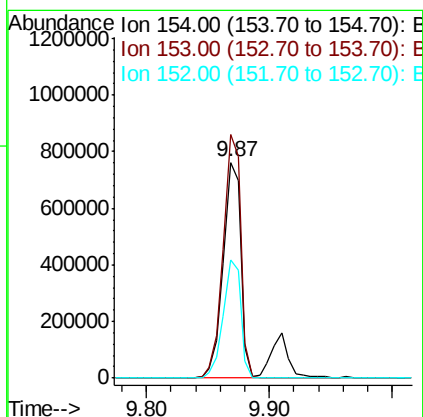
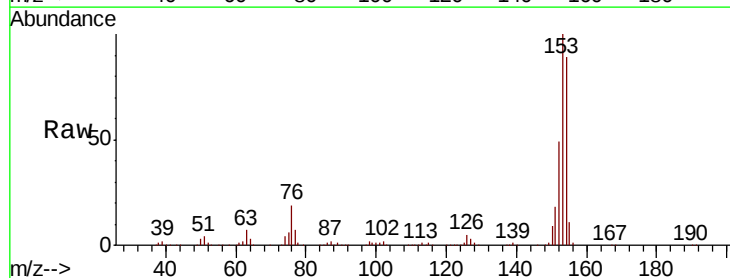
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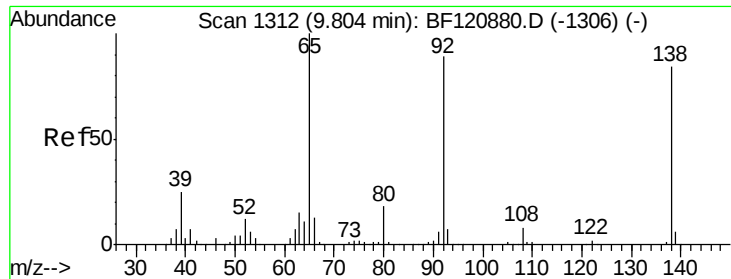
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#52
Acenaphthene
Concen: 49.892 ng m
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:	154	Resp:	919263
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.6	134.4
152	54.9	43.8	65.6





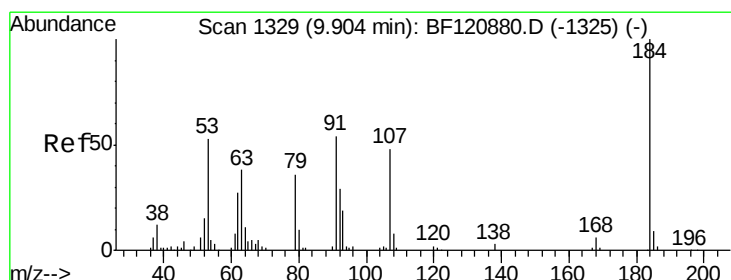
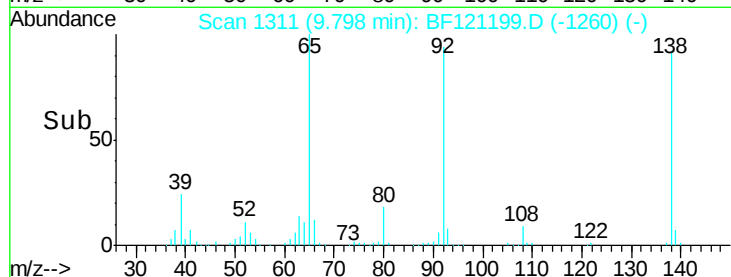
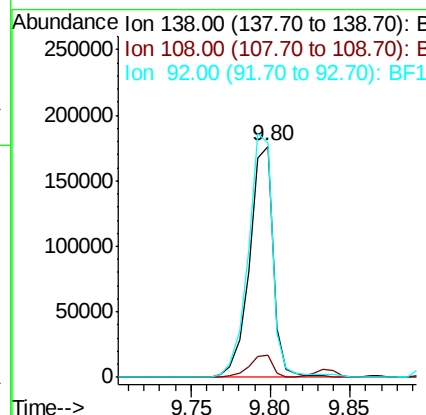
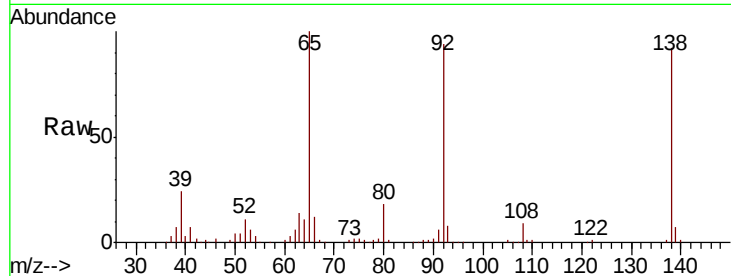
#53
 3-Nitroaniline
 Concen: 31.269 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	101.5	85.0	127.4

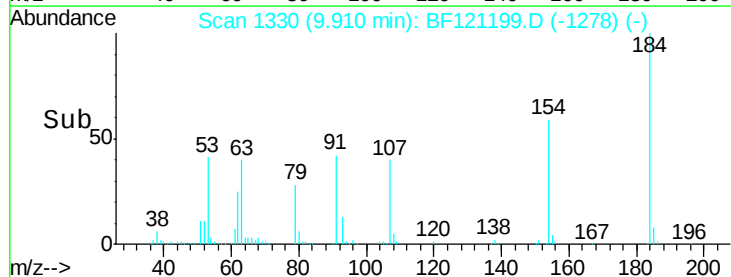
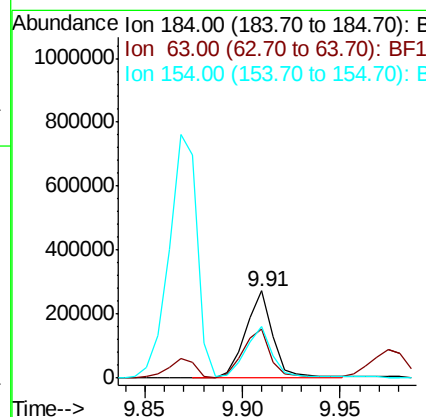
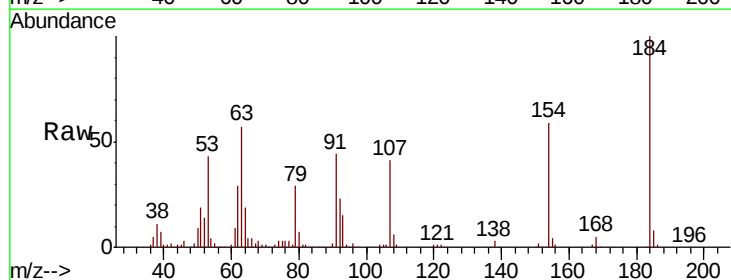
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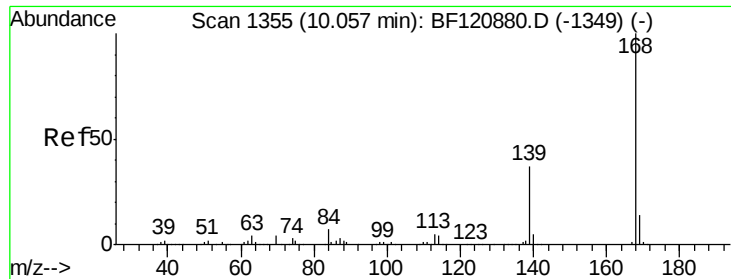
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#54
 2,4-Dinitrophenol
 Concen: 97.713 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	42.5	63.7
154	59.1	46.8	70.2





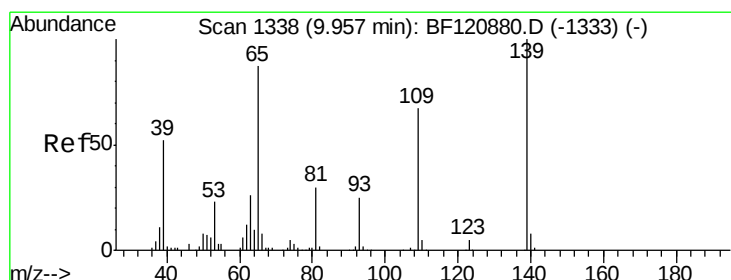
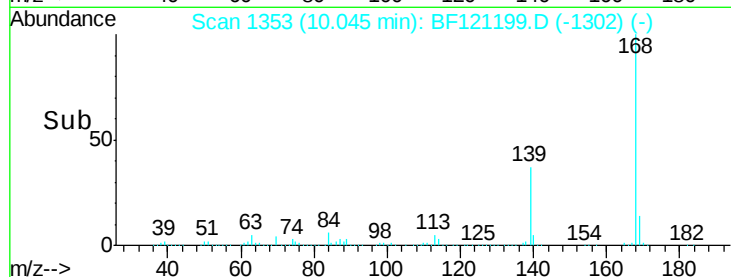
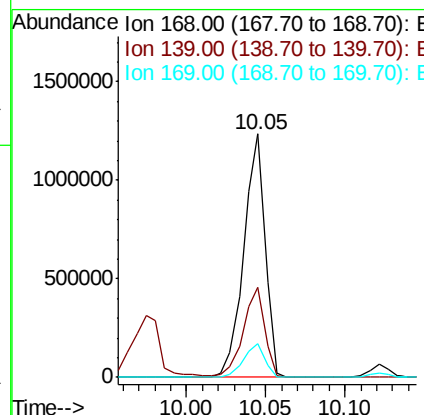
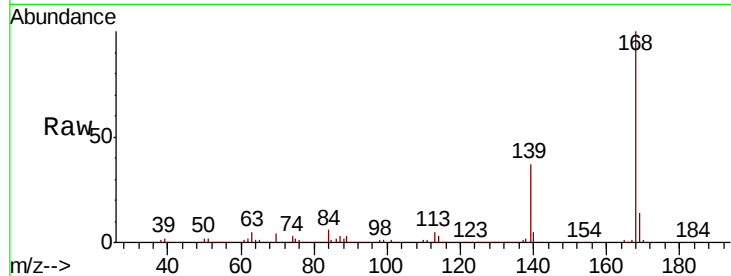
#55
Dibenzenofuran
Concen: 43.202 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.8	11.3	16.9

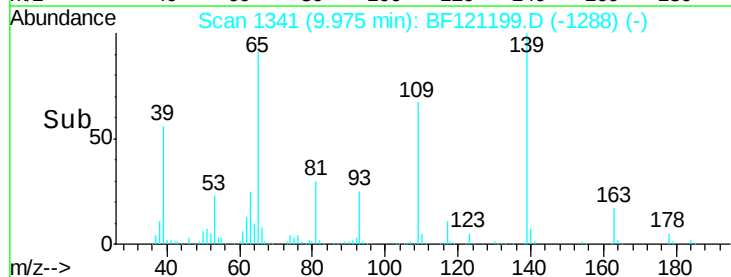
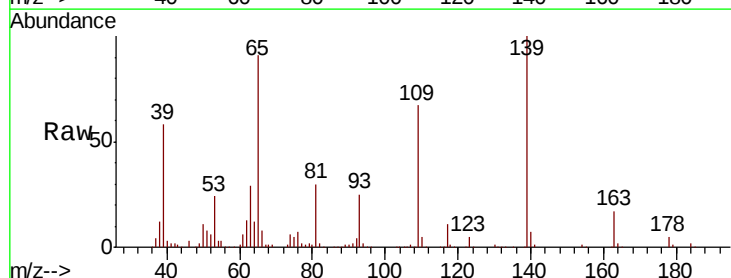
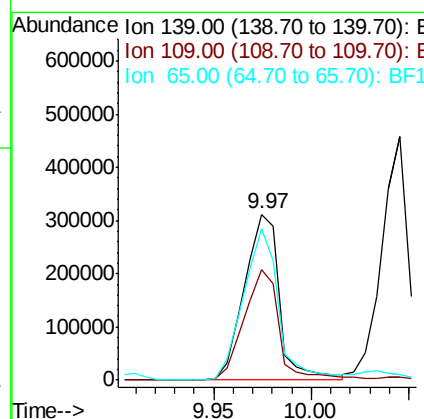
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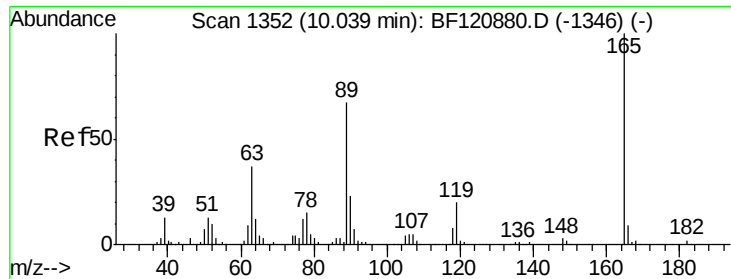
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#56
4-Nitrophenol
Concen: 88.434 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	44.8	84.8
65	91.4	65.6	105.6





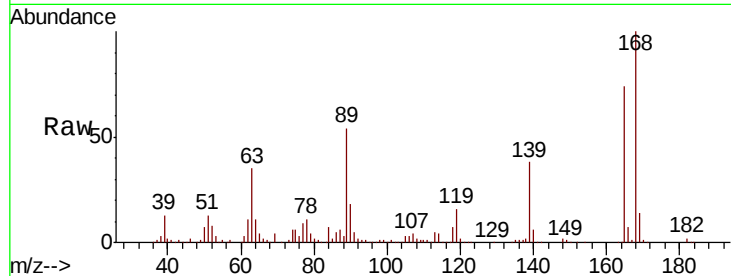
#57
2,4-Dinitrotoluene
Concen: 48.585 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

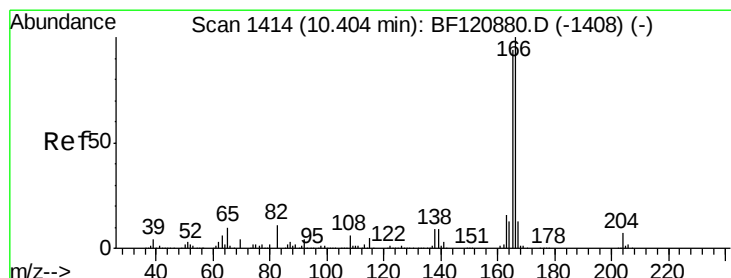
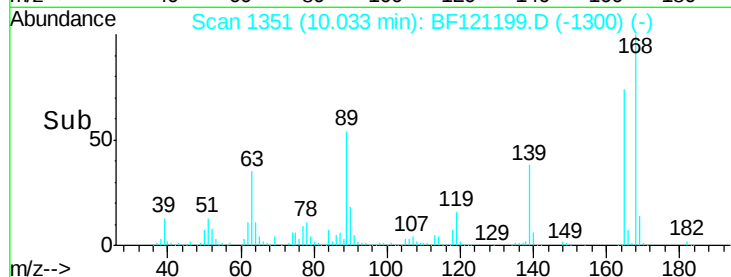
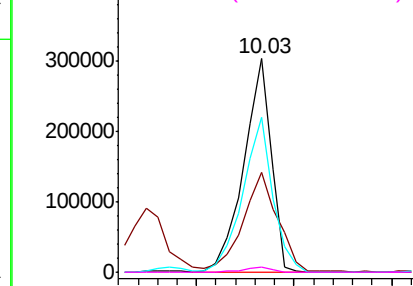
Tot Ion	Ratio	Resp	Lower	Upper
165	100	296624		
63	46.7	29.8	44.8#	
89	72.4	50.3	75.5	
182	2.5	2.1	3.1	

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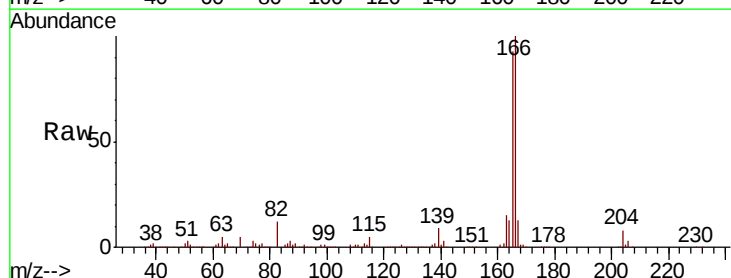


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

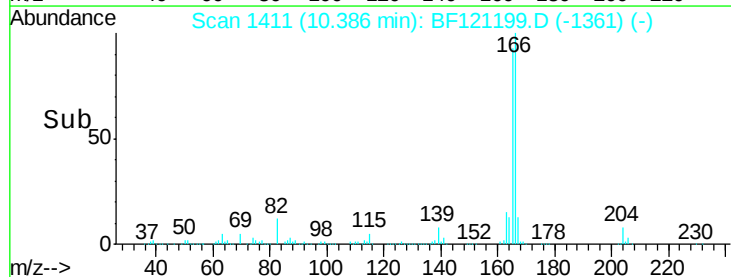
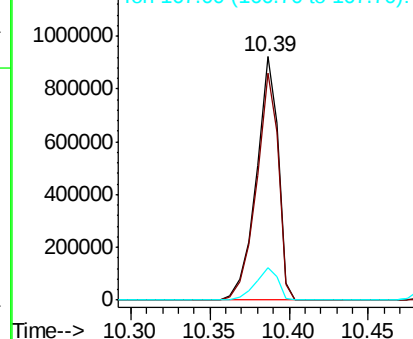


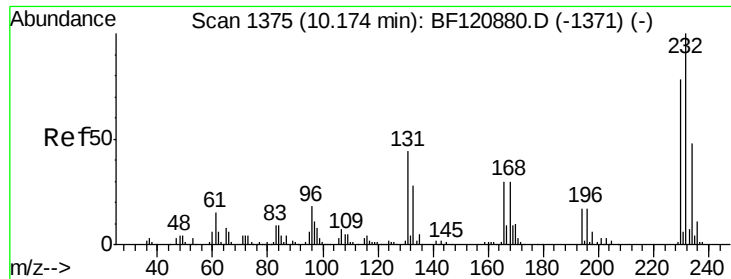
#58
Fluorene
Concen: 44.229 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	878909		
165	93.1	76.4	114.6	
167	13.5	10.7	16.1	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





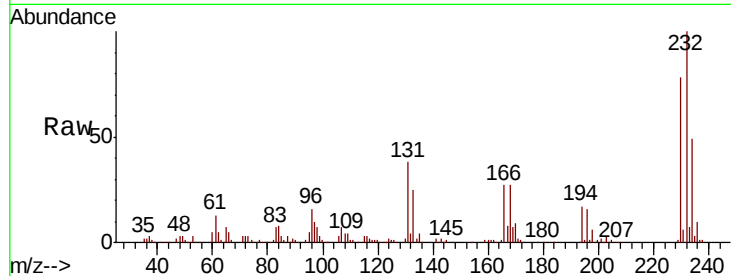
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.795 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

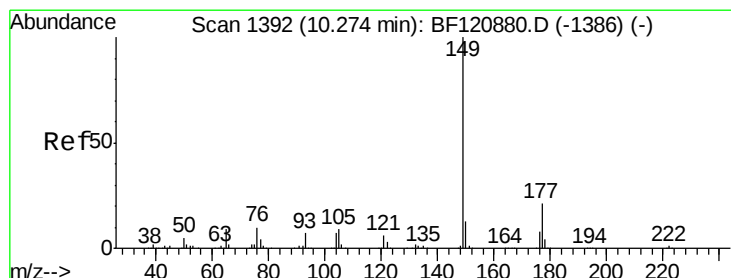
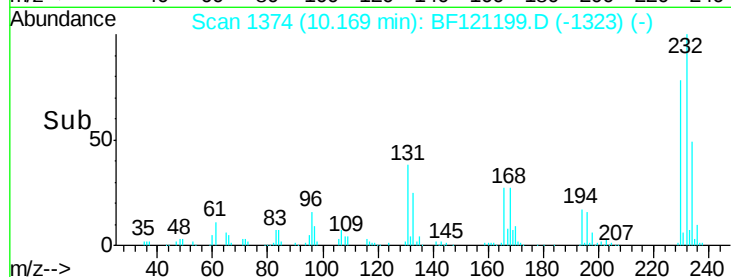
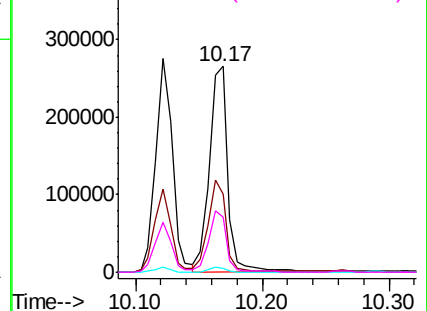
Tot Ion	Ratio	Resp	Lower	Upper
232	100	269945		
131	42.7		34.2	51.2
130	2.1		1.7	2.5
166	28.6		23.1	34.7

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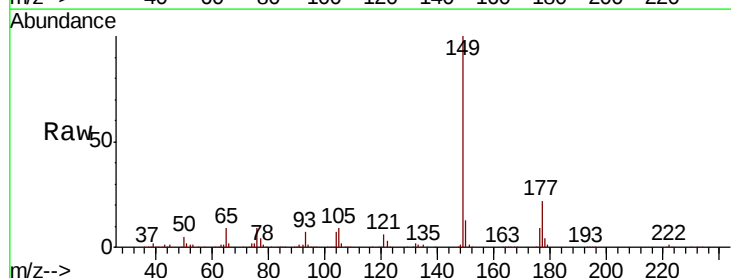


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

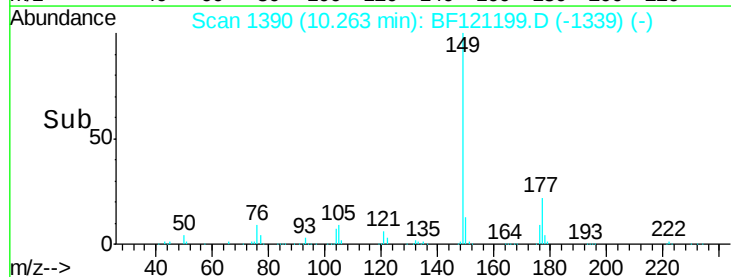
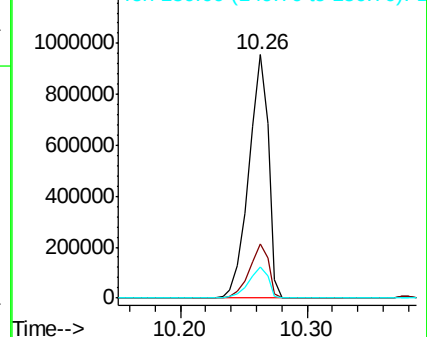


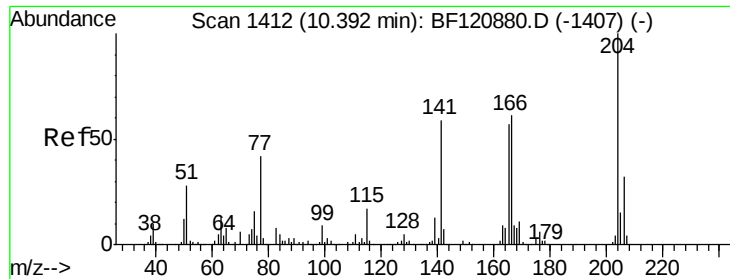
#60
 Diethylphthalate
 Concen: 46.653 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1021163		
177	22.0		17.6	26.4
150	12.8		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





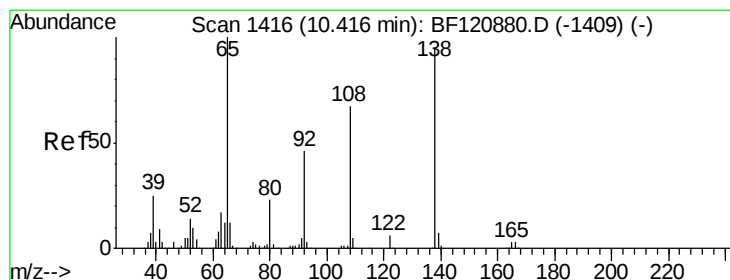
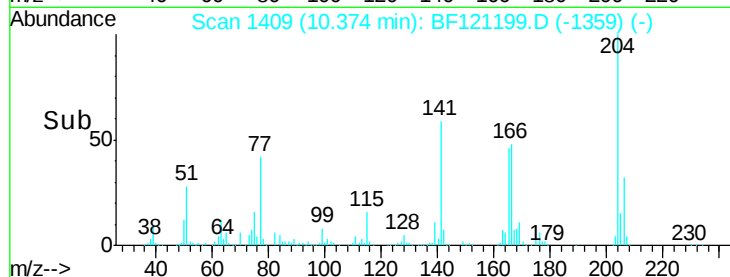
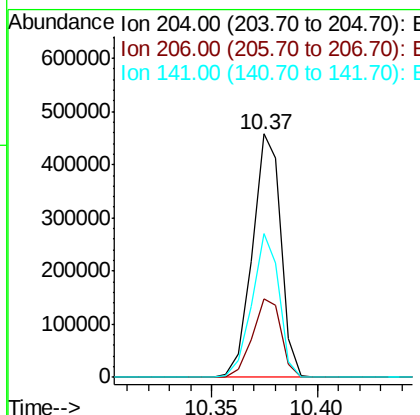
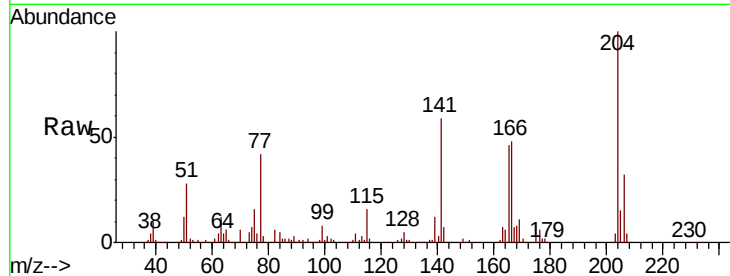
#61
4-Chlorophenyl-phenylether
Concen: 40.469 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	59.2	46.9	70.3

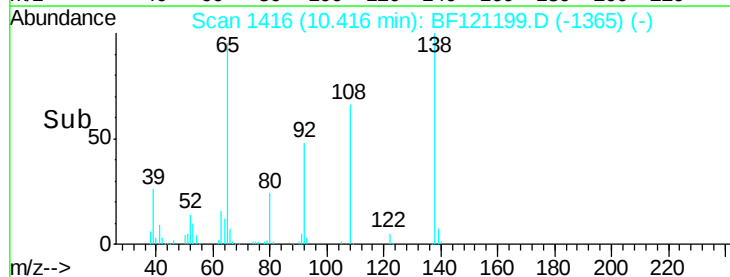
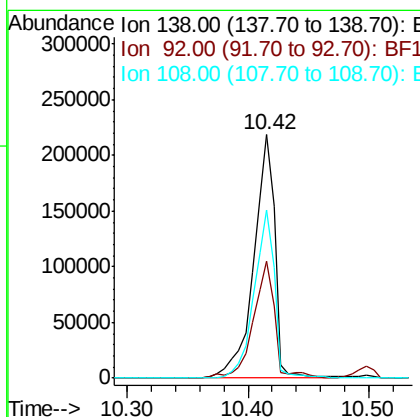
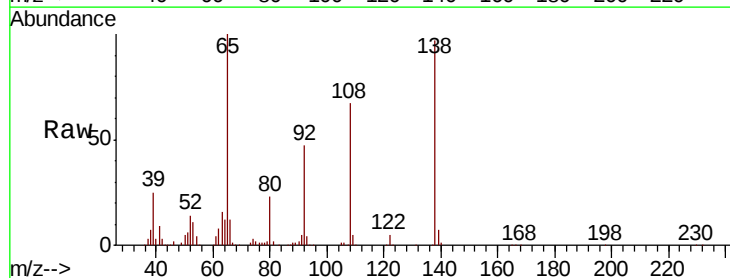
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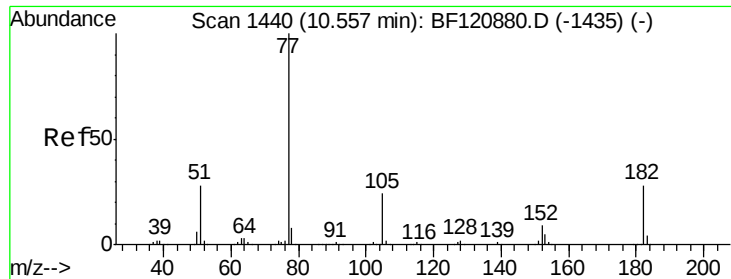
mohammad
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#62
4-Nitroaniline
Concen: 47.108 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	25.2	65.2
108	68.8	46.7	86.7





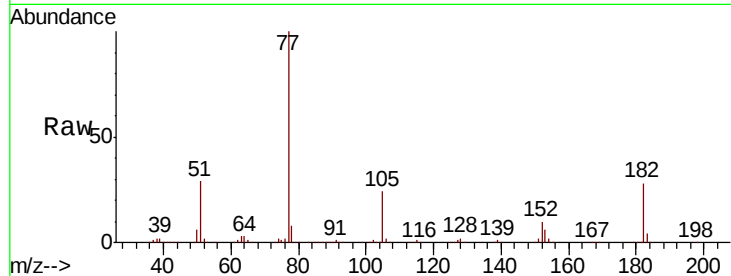
#63
Azobenzene
Concen: 45.518 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

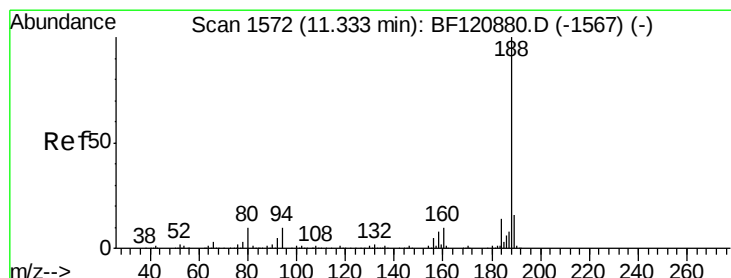
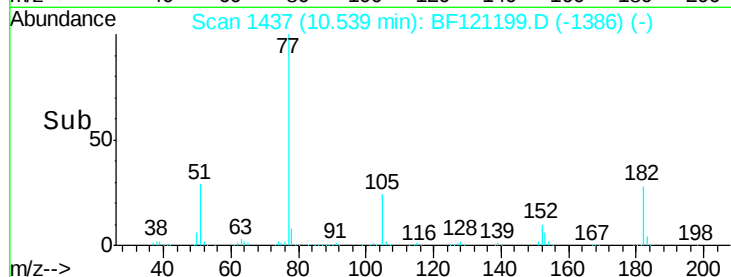
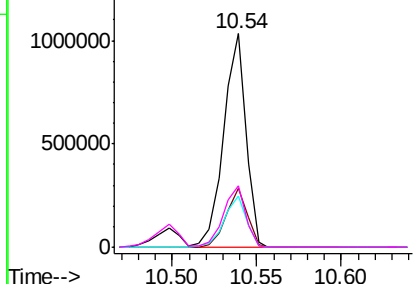
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		948500		
182	27.6	4.5	44.5		
105	23.9	3.4	43.4		
51	28.7	8.7	48.7		

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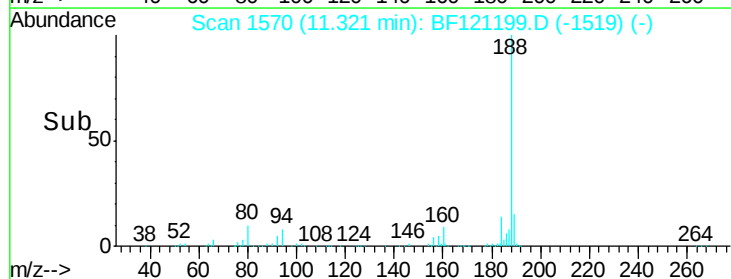
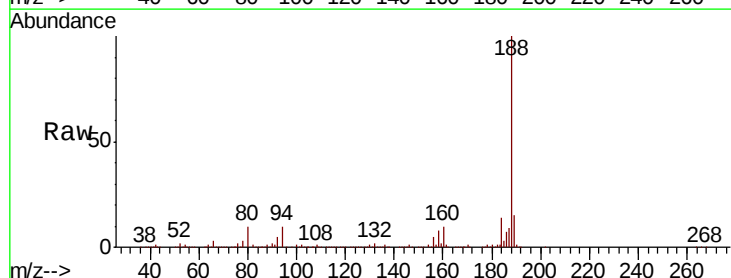
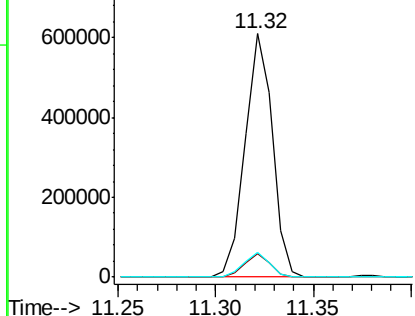
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		593094		
94	9.9	8.0	12.0		
80	10.1	8.3	12.5		

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.953 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:198 Resp: 183246

Ion Ratio Lower Upper

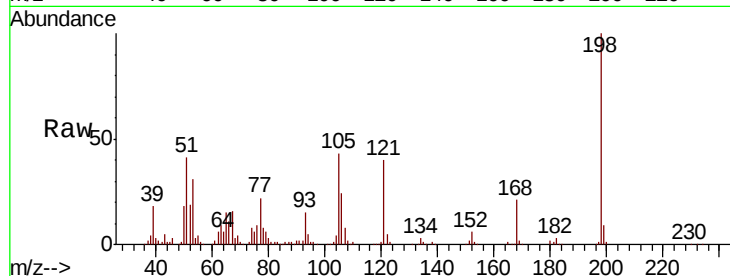
198 100

51 41.2 23.4 63.4

105 43.4 23.7 63.7

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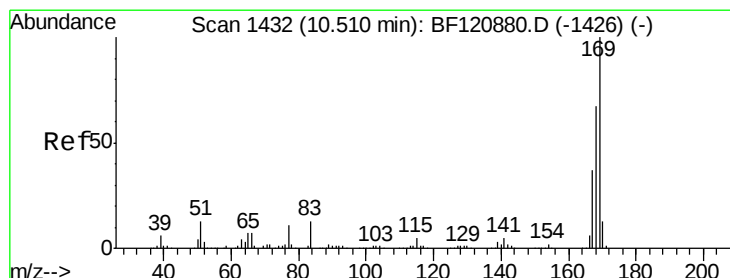
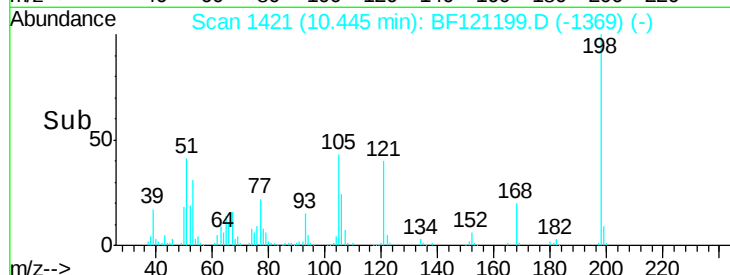
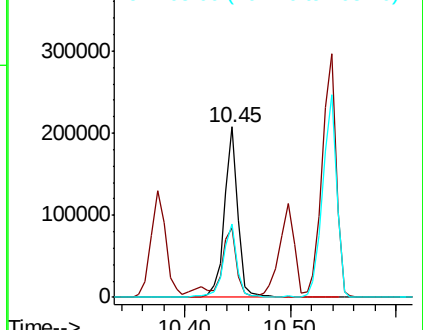
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.804 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

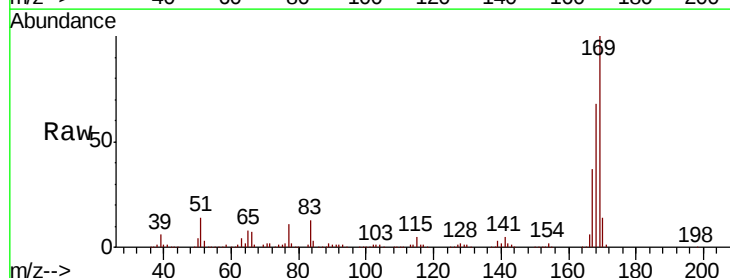
Tgt Ion:169 Resp: 854599

Ion Ratio Lower Upper

169 100

168 67.7 53.7 80.5

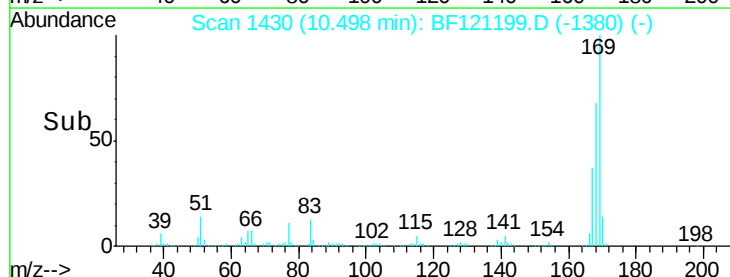
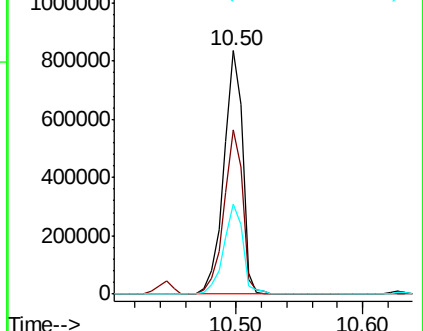
167 37.2 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





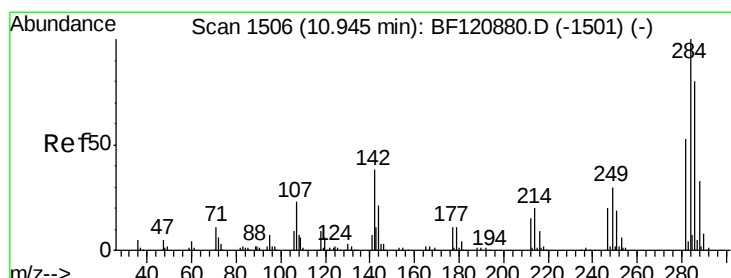
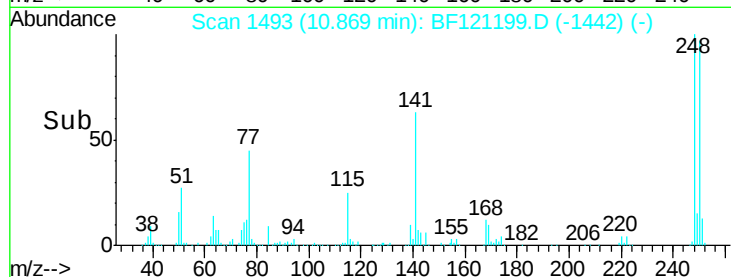
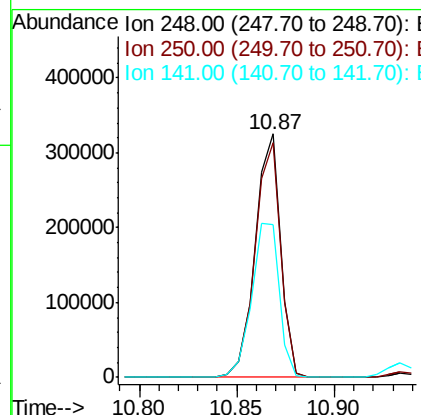
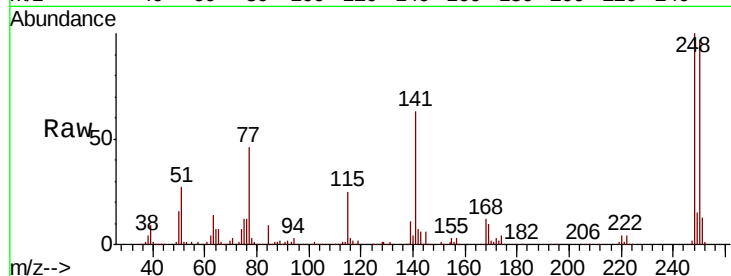
#67
 4-Bromophenyl-phenylether
 Concen: 44.289 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:	248	Resp:	292864
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.0	115.6
141	62.8	56.6	85.0

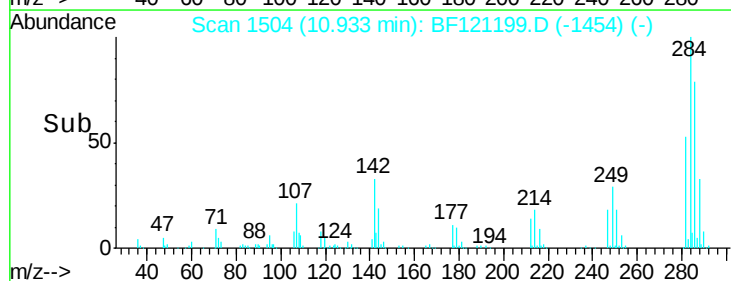
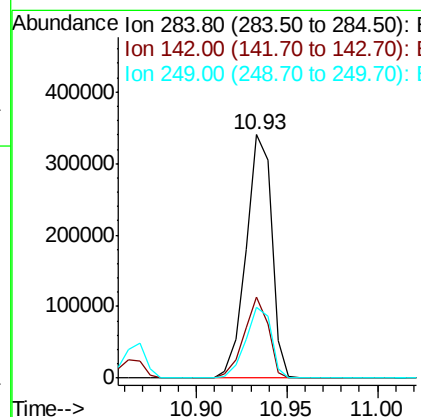
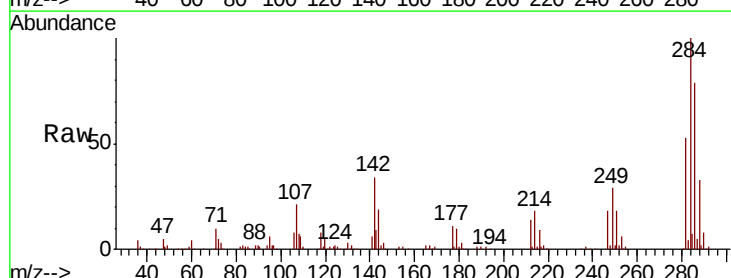
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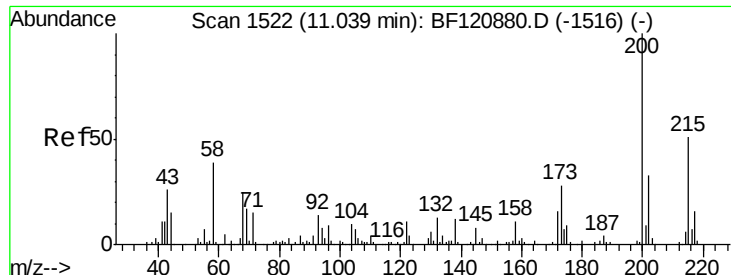
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#68
 Hexachlorobenzene
 Concen: 46.768 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:	284	Resp:	334534
Ion Ratio	Lower	Upper	
284	100		
142	33.5	21.1	31.7#
249	29.1	22.5	33.7





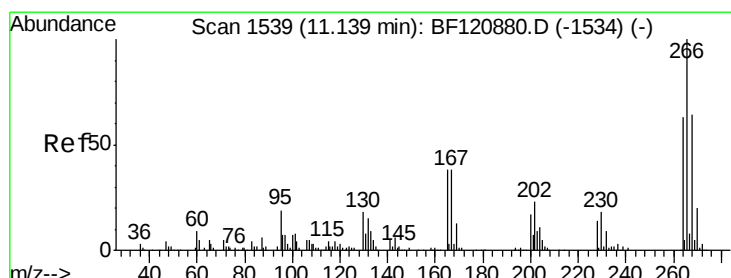
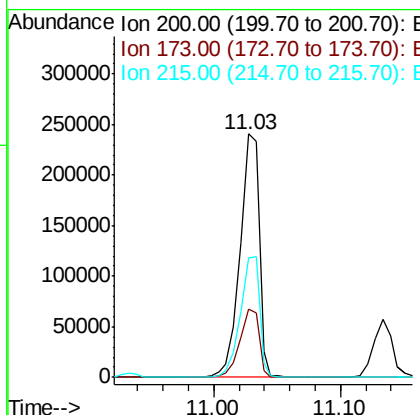
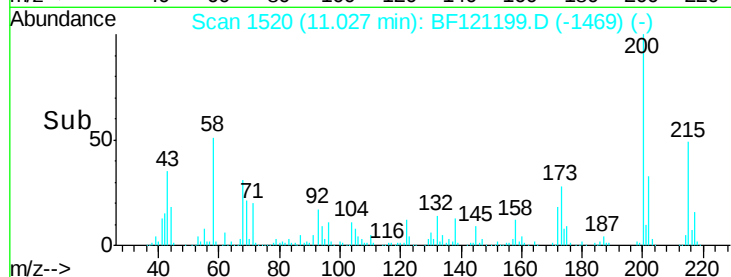
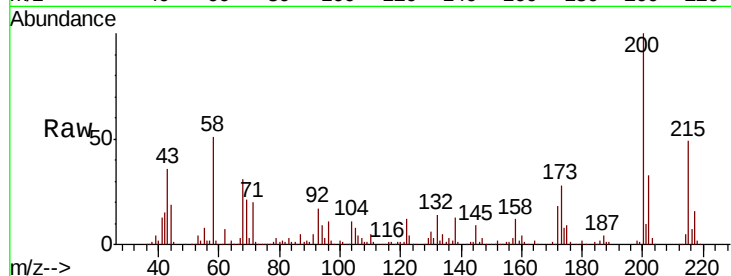
#69
 Atrazine
 Concen: 54.213 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	7.6	47.6
215	49.1	28.8	68.8

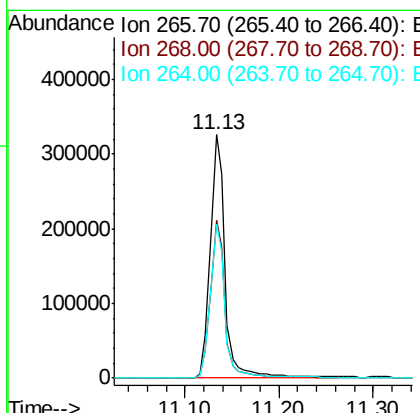
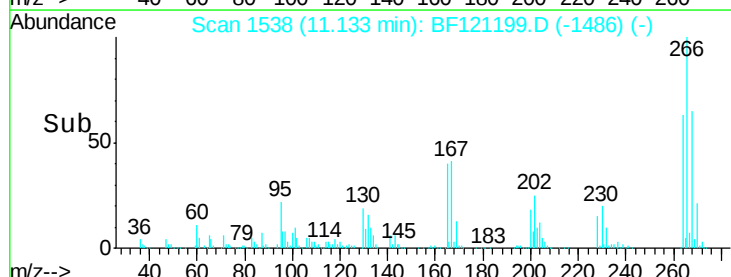
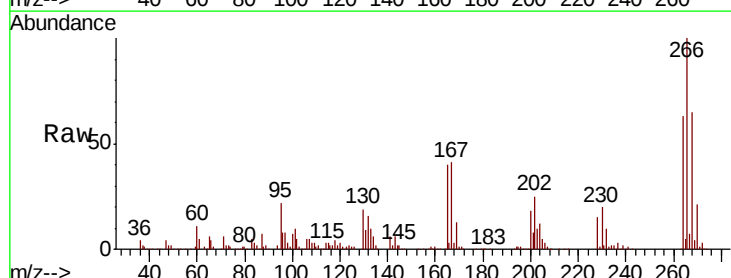
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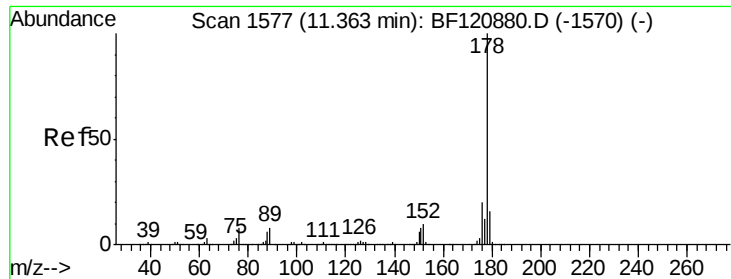
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#70
 Pentachlorophenol
 Concen: 90.343 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	49.7	74.5
264	63.4	50.4	75.6





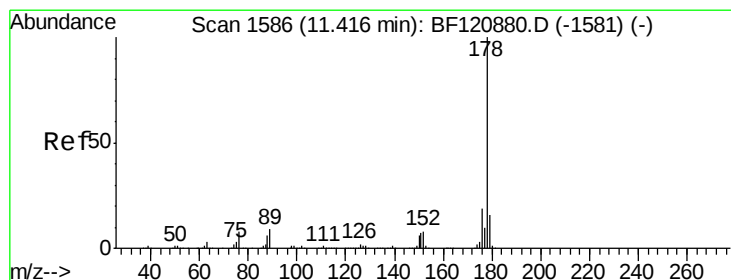
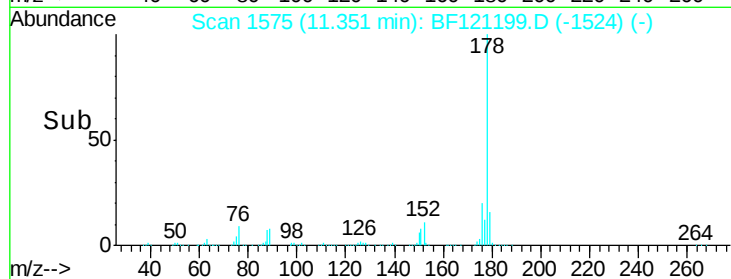
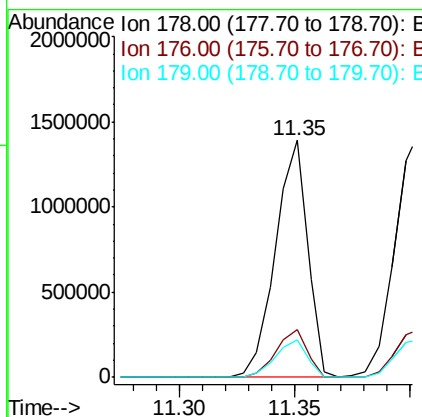
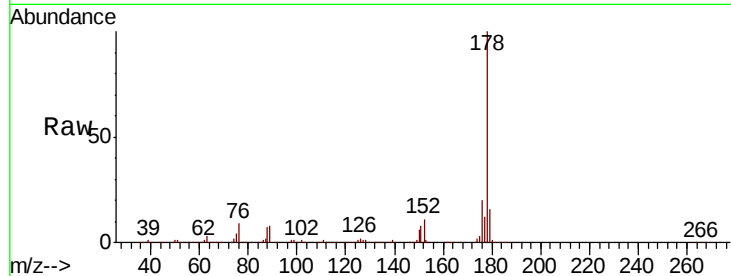
#71
Phenanthrene
Concen: 44.090 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:178 Resp: 1344877
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.9 12.6 19.0

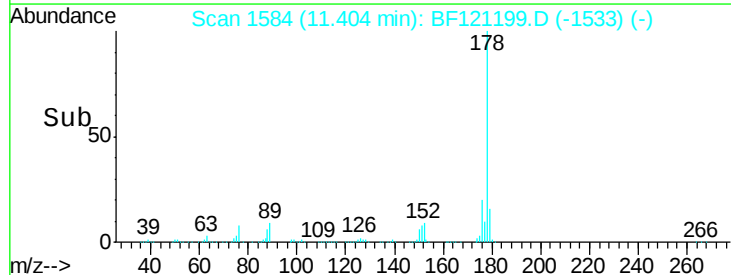
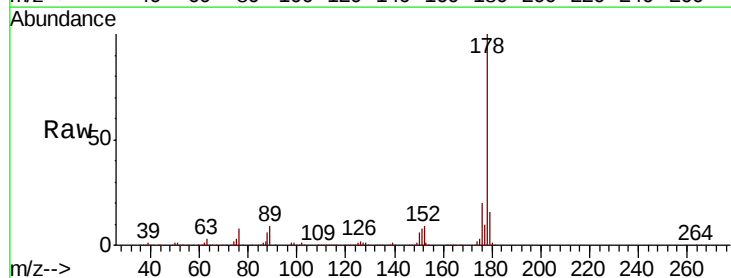
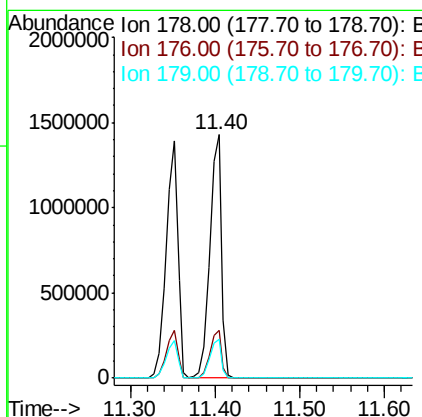
Manual Integrations
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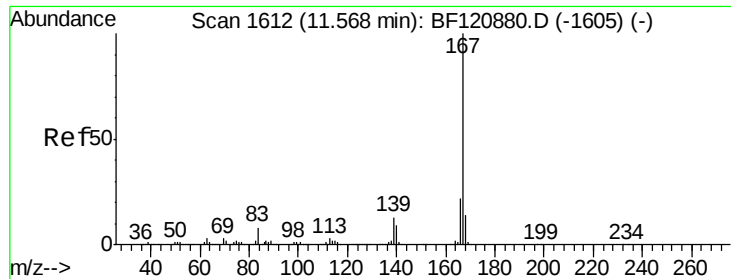
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#72
Anthracene
Concen: 45.638 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:178 Resp: 1397859
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.7 12.6 19.0





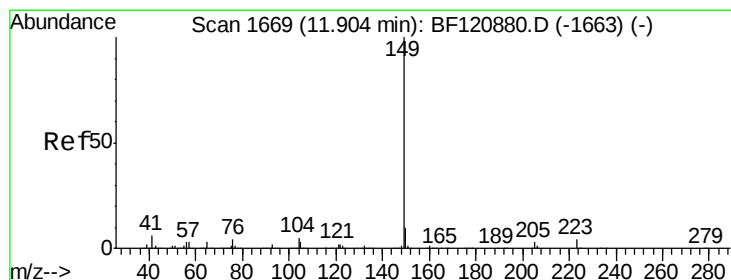
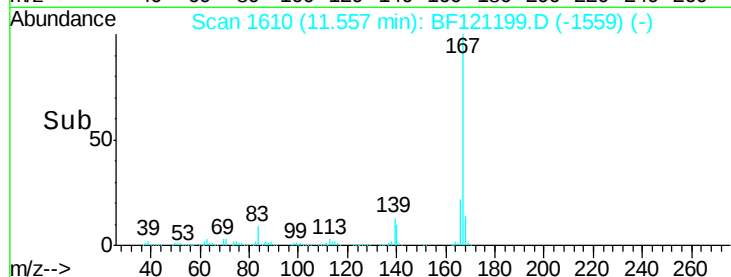
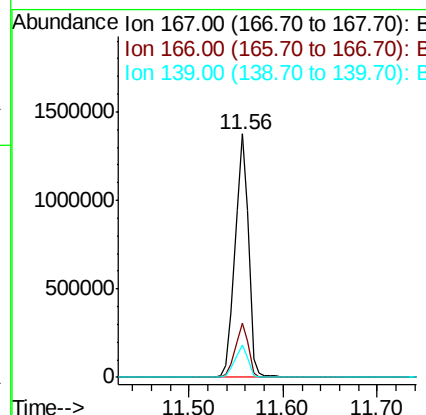
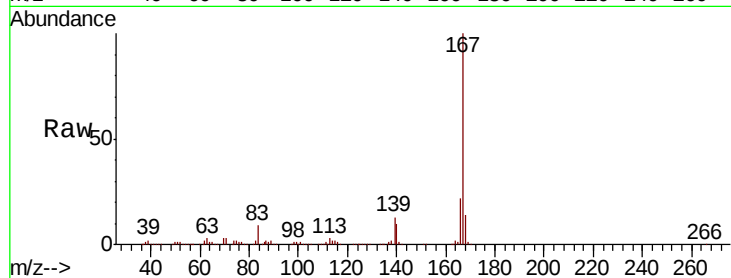
#73
 Carbazole
 Concen: 45.011 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	13.1	10.5	15.7

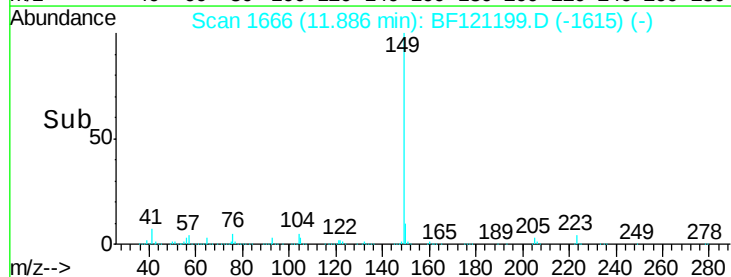
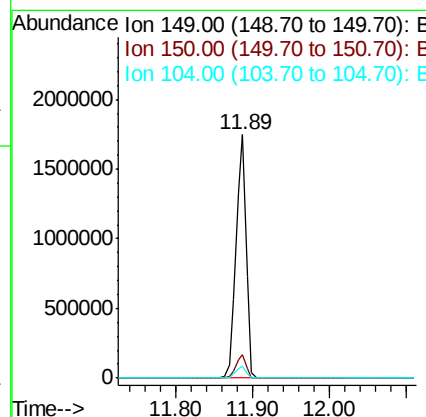
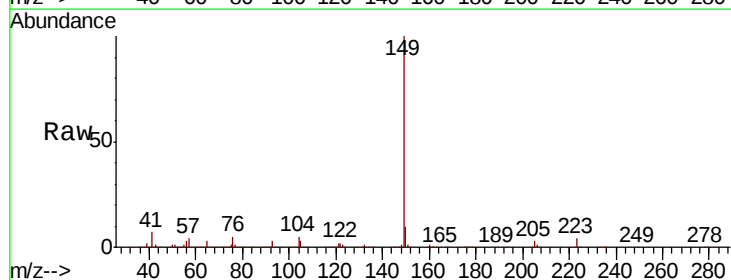
Manual Integrations
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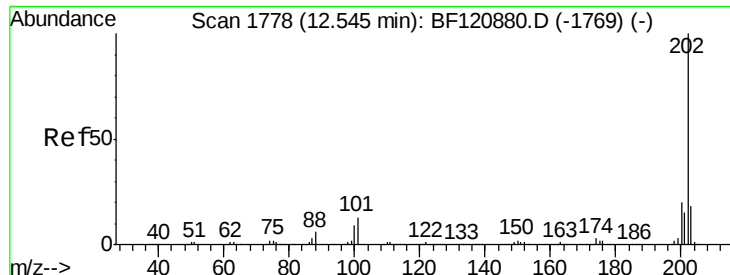
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#74
 Di-n-butylphthalate
 Concen: 45.572 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.9	3.9	5.9





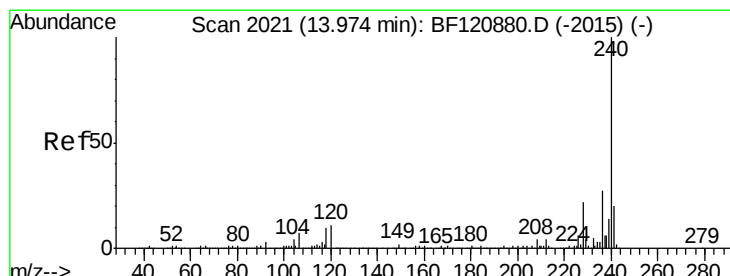
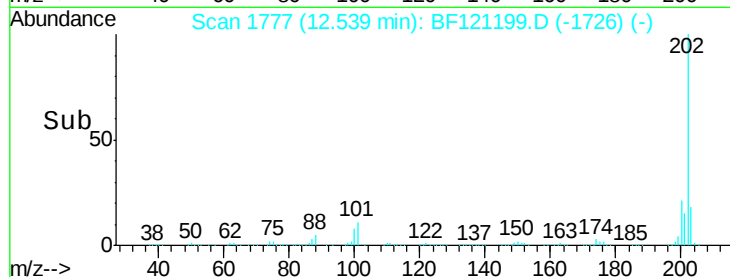
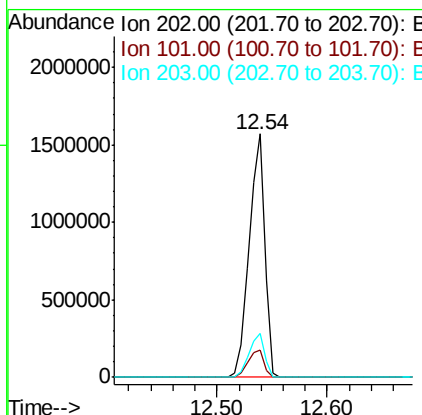
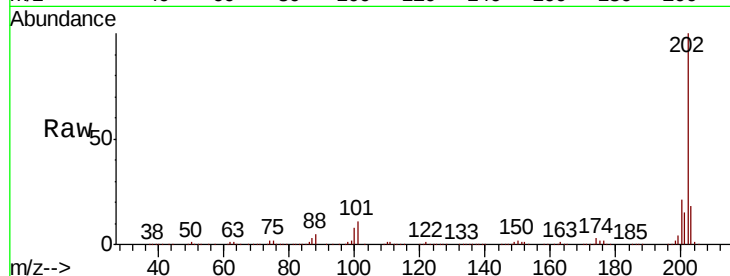
#75
 Fluoranthene
 Concen: 46.503 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.5
203	17.8	0.0	37.7

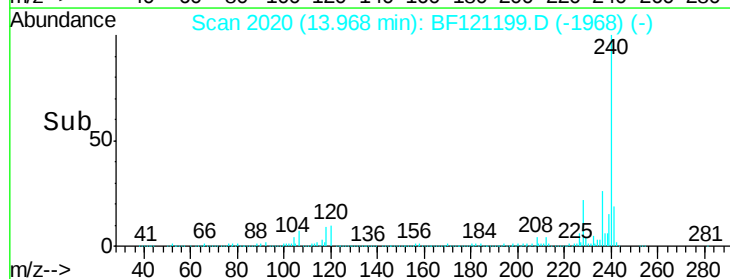
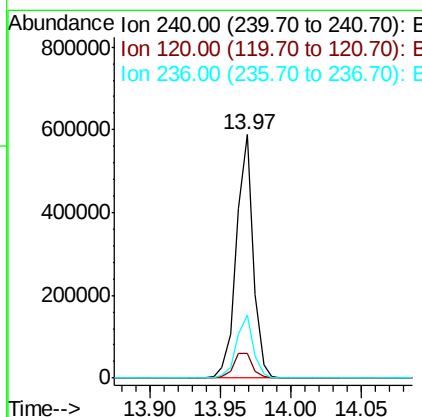
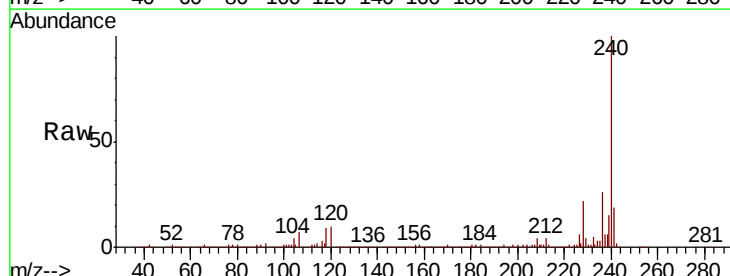
Manual Integrations
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.3	13.9
236	26.1	21.1	31.7





#77

Benzidine

Concen: 57.655 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

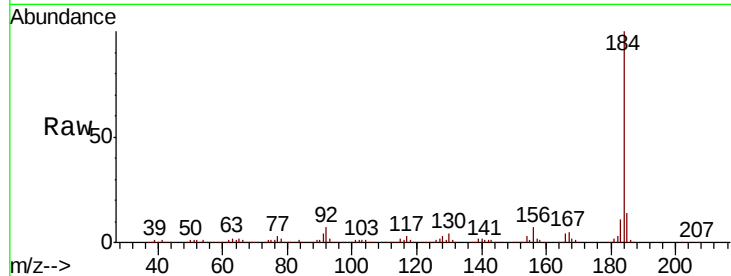
ClientSampleId :

COMP-CDMSD

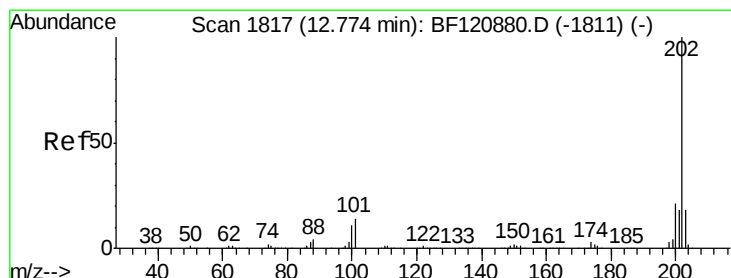
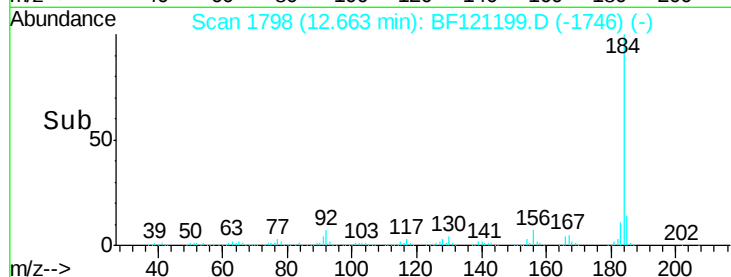
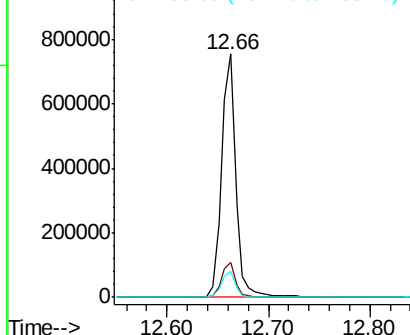
Tot Ion:	184	Resp:	737385
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.1	18.1
183	10.9	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.644 ng

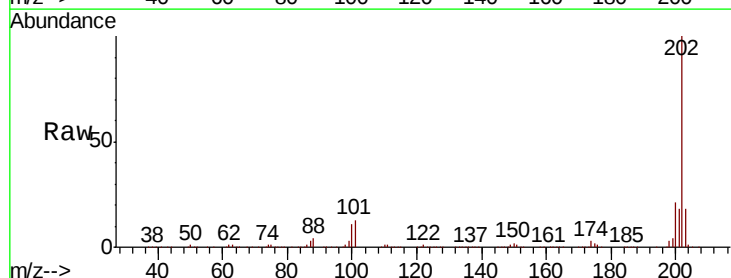
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

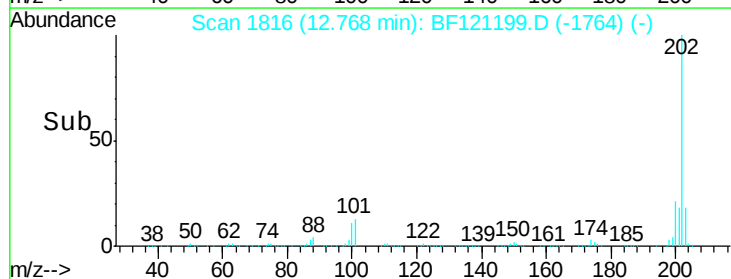
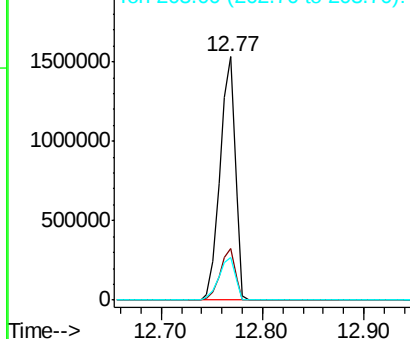
Lab File: BF121199.D

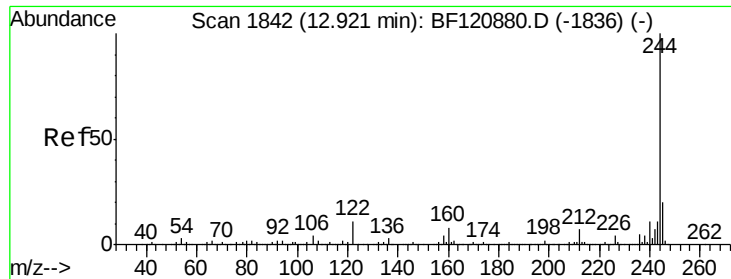
Acq: 6 Aug 2020 12:28

Tgt Ion:	202	Resp:	1604181
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.6
203	17.7	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





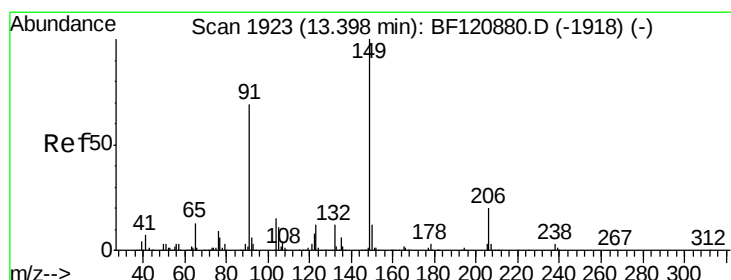
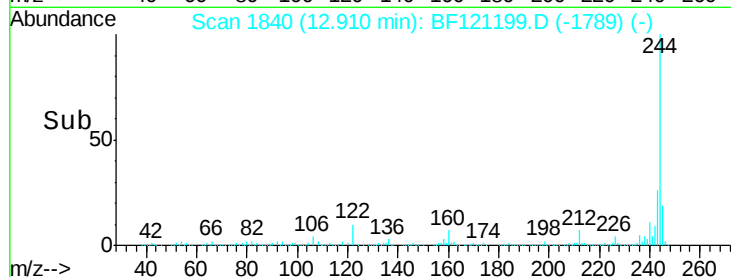
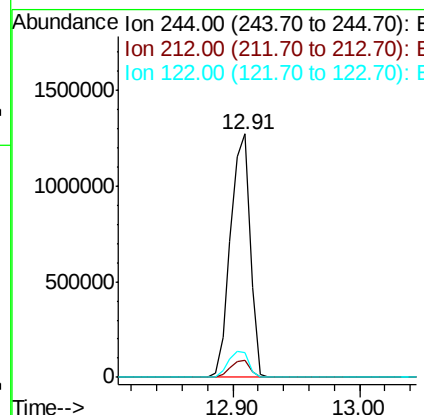
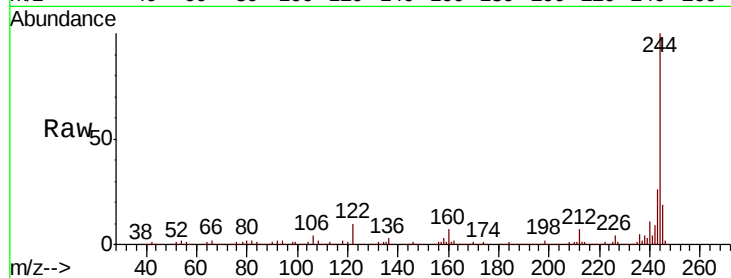
#79
 Terphenyl-d14
 Concen: 61.288 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:244 Resp: 1371497
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.3 12.5

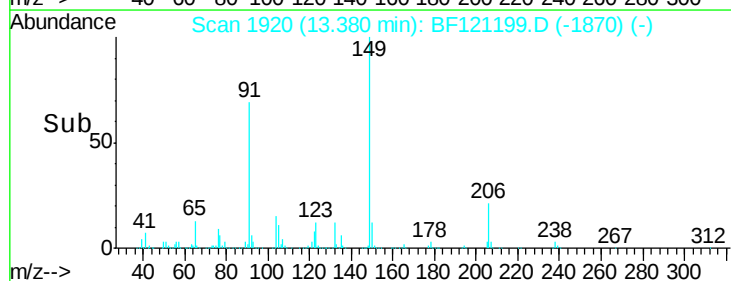
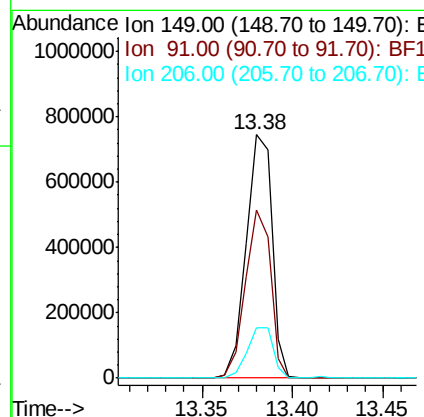
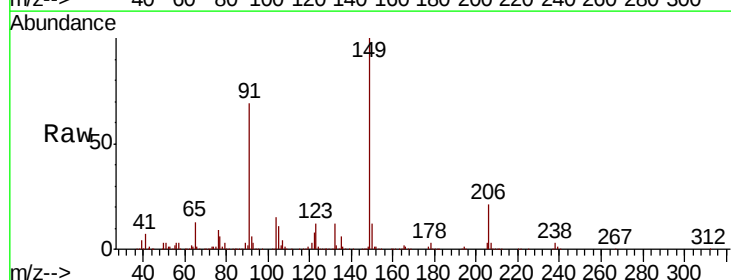
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#80
 Butylbenzylphthalate
 Concen: 48.186 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:149 Resp: 738768
 Ion Ratio Lower Upper
 149 100
 91 69.2 51.4 77.0
 206 20.5 17.9 26.9





#81

Benzo(a)anthracene

Concen: 47.218 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

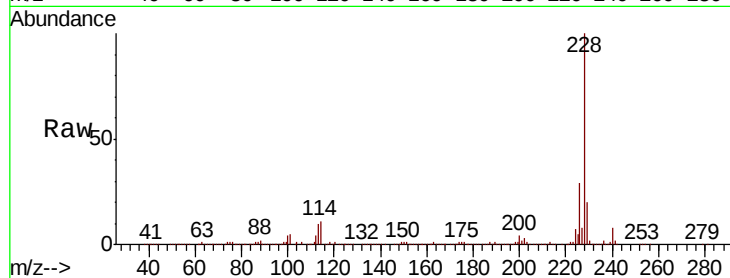
ClientSampleId :

COMP-CDMSD

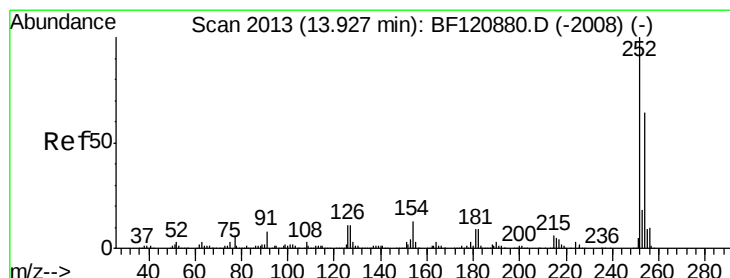
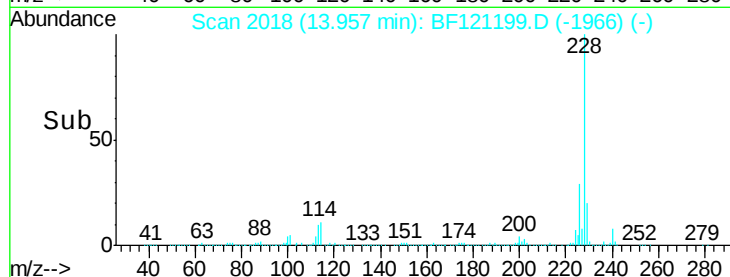
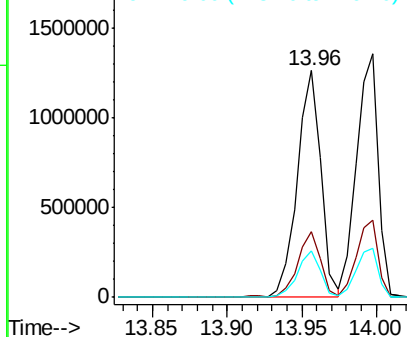
Tot Ion:	228	Resp:	1390891
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.4	16.1	24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 44.936 ng

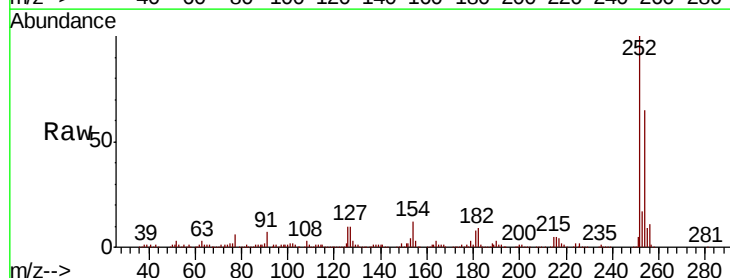
RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

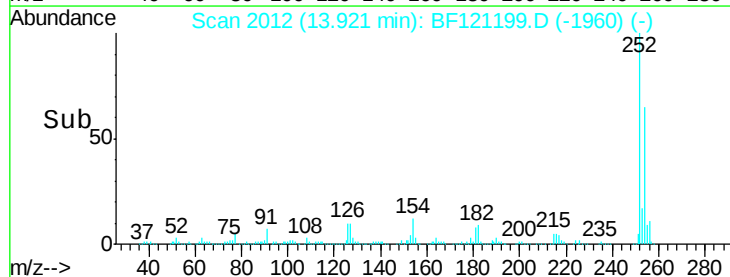
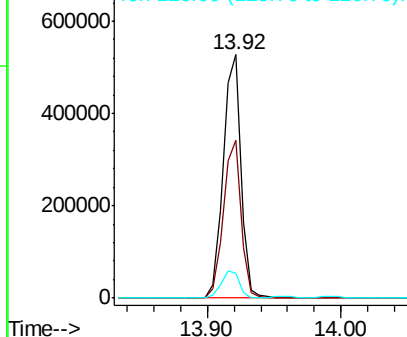
Lab File: BF121199.D

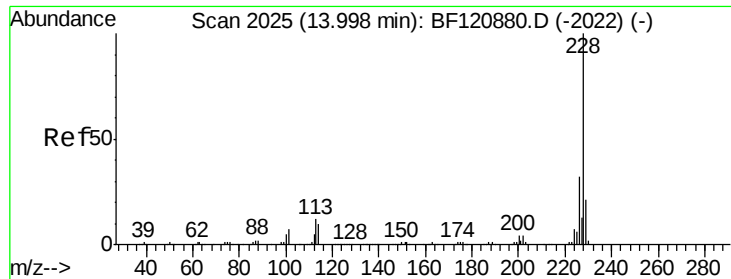
Acq: 6 Aug 2020 12:28

Tgt Ion:	252	Resp:	499388
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	10.4	9.2	13.8



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





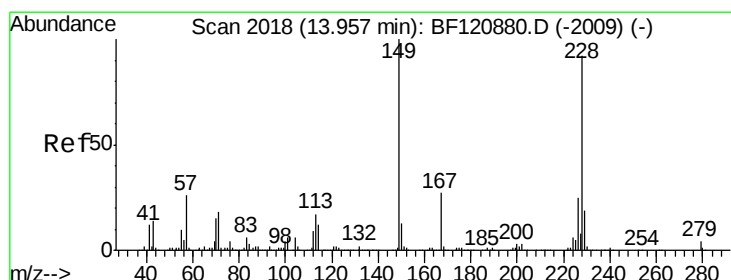
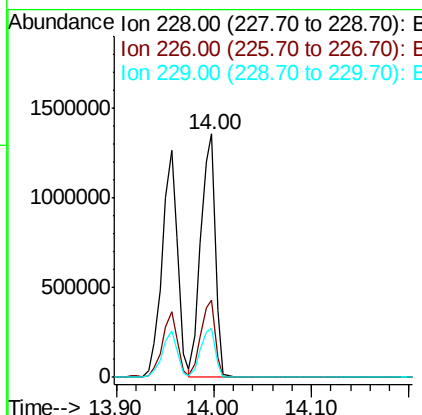
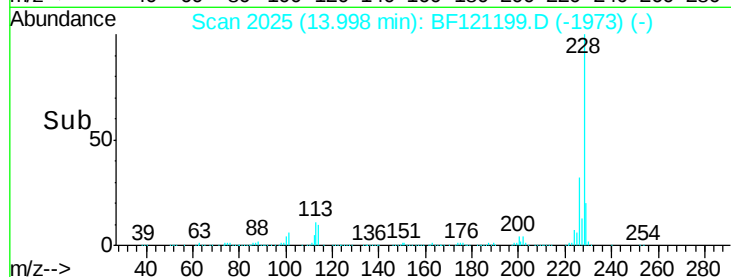
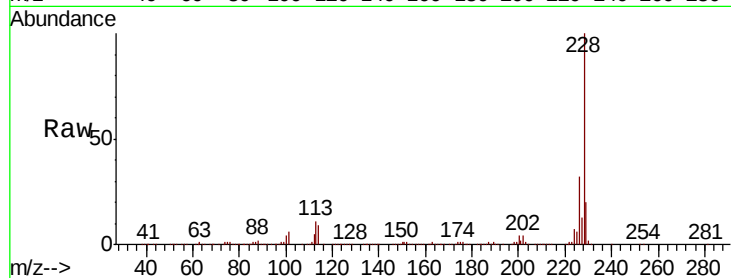
#83
 Chrysene
 Concen: 45.084 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:228 Resp: 1395639
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.2 16.2 24.4

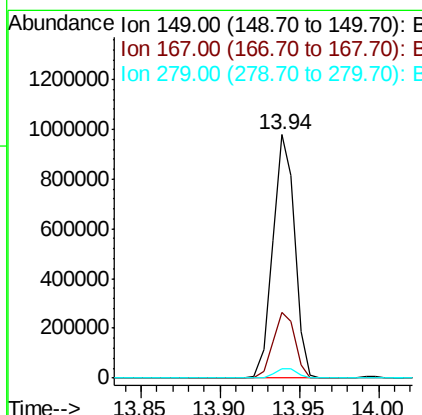
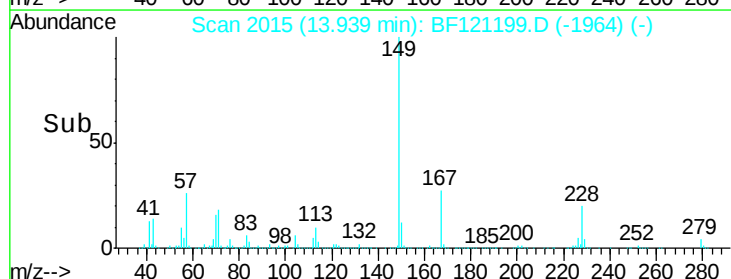
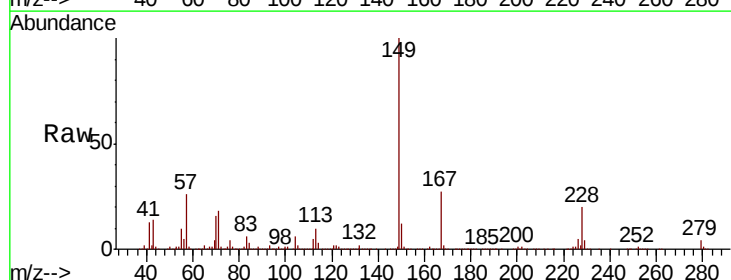
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.018 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:149 Resp: 945621
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.6
 279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.354 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:149 Resp: 1743500

Ion Ratio Lower Upper

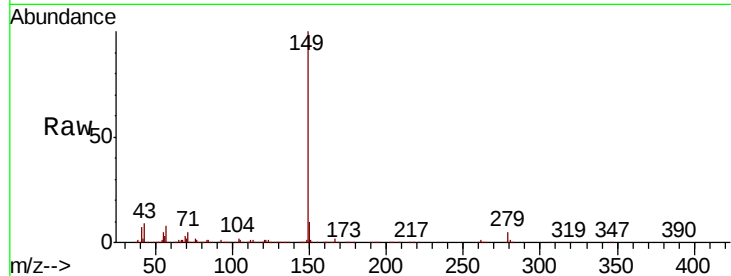
149 100

167 1.6 1.3 1.9

43 9.3 7.5 11.3

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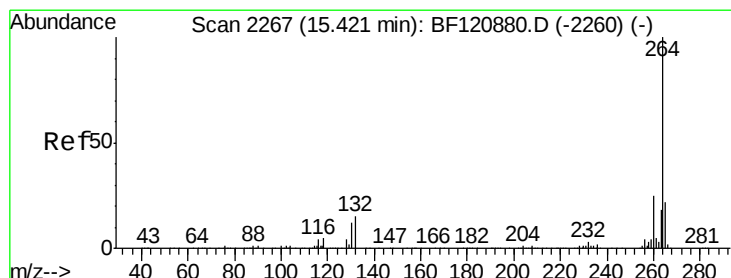
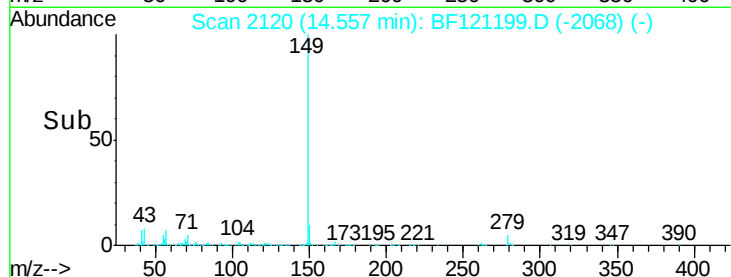
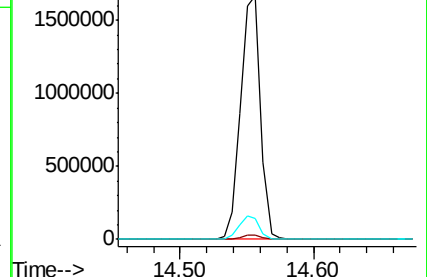
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

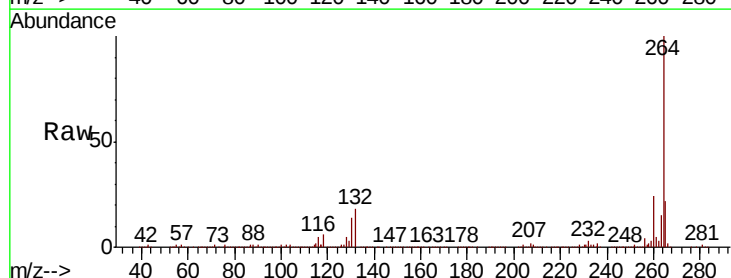
Tgt Ion:264 Resp: 508256

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

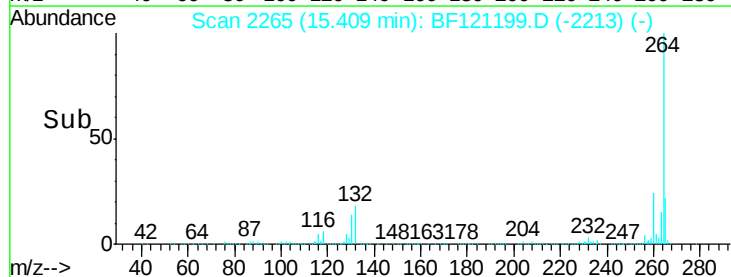
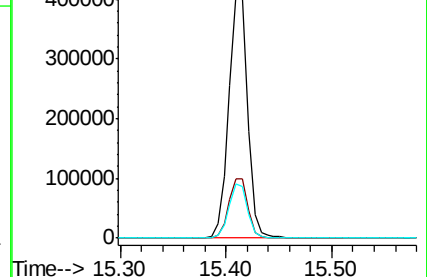
265 22.1 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





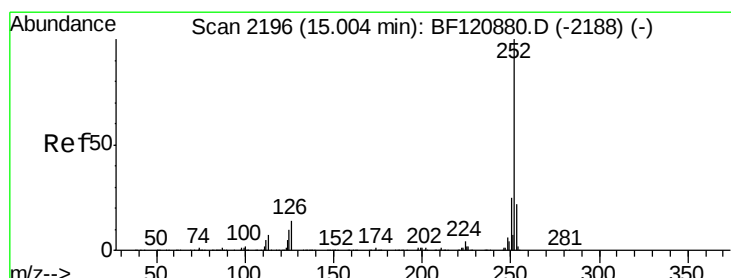
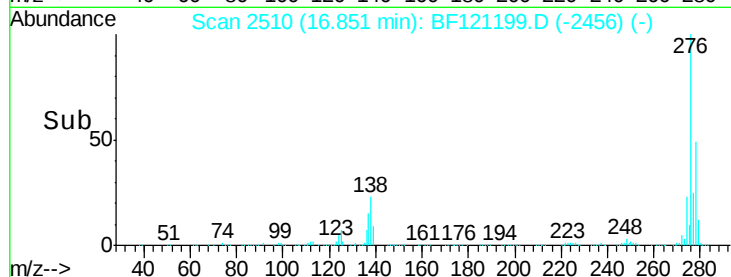
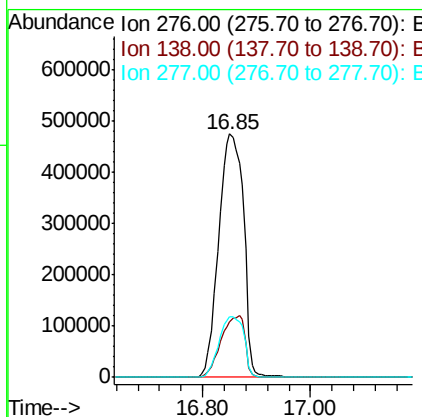
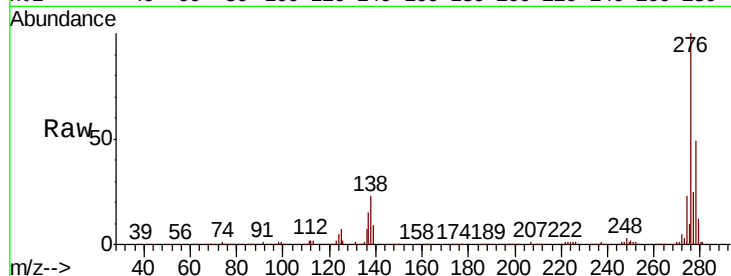
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.460 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.02 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.2	20.1	30.1

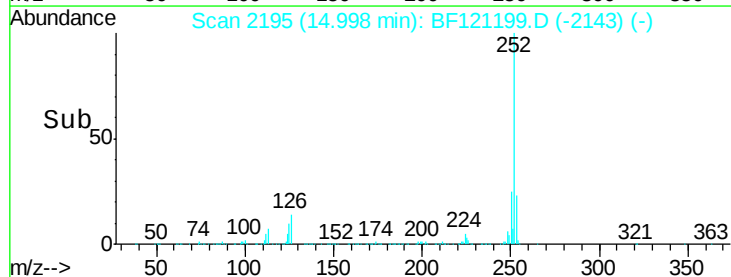
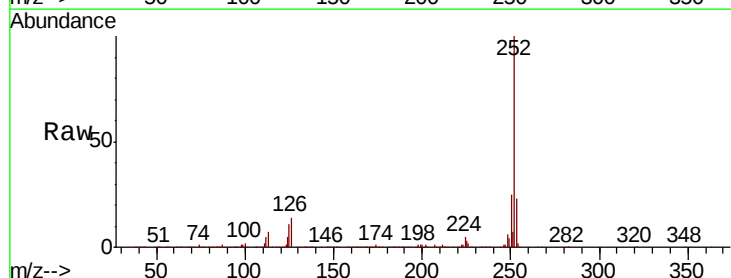
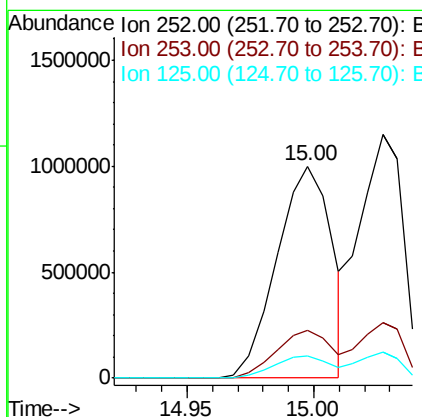
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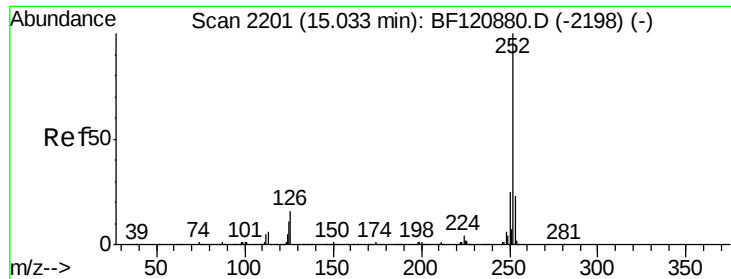
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#88
Benzo(b)fluoranthene
Concen: 49.102 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.5	8.1	12.1





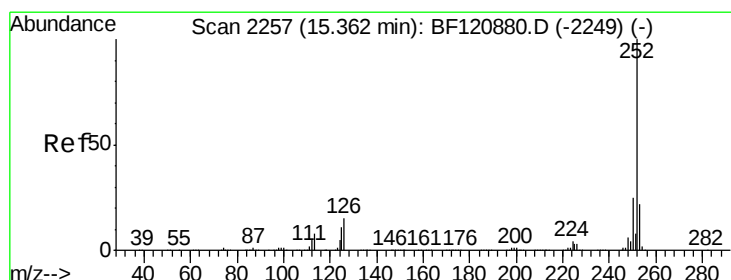
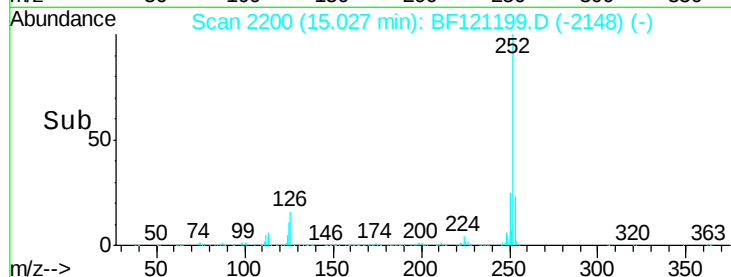
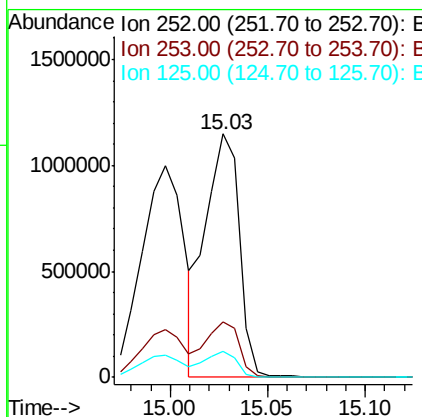
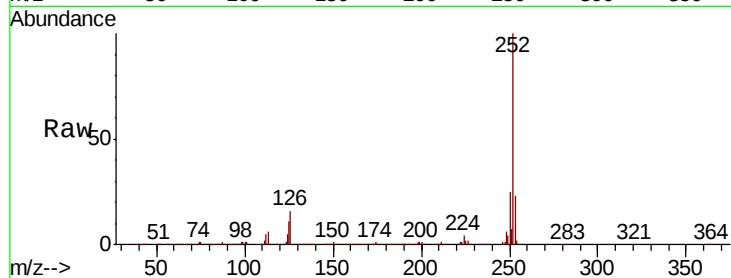
#89
Benzo(k)fluoranthene
Concen: 49.206 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.7	8.0	12.0

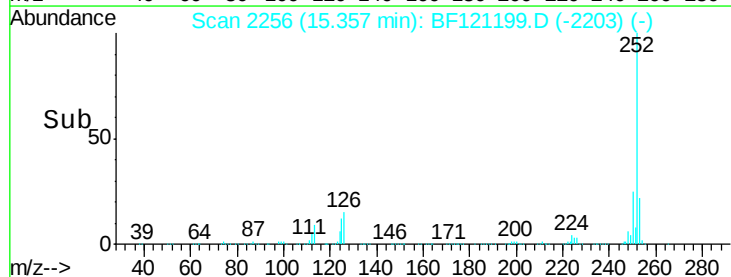
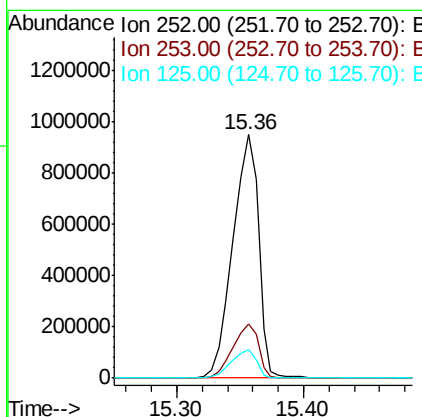
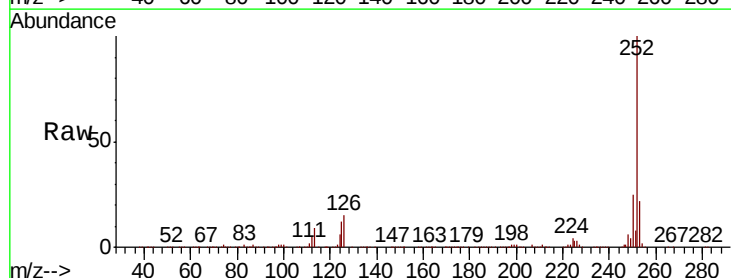
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#90
Benzo(a)pyrene
Concen: 47.486 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.6	9.5	14.3





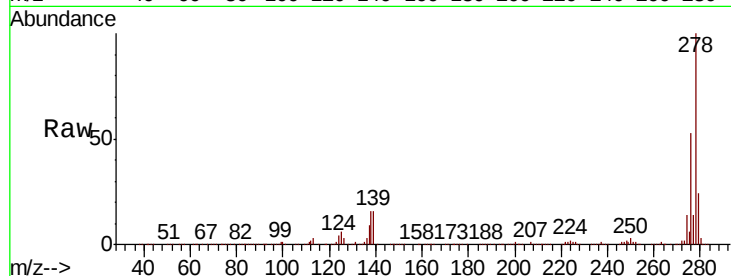
#91
Dibenzo(a,h)anthracene
Concen: 43.305 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

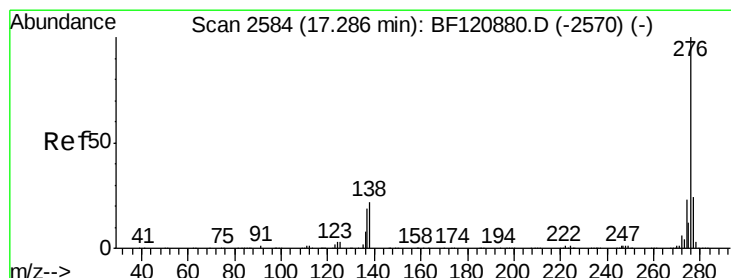
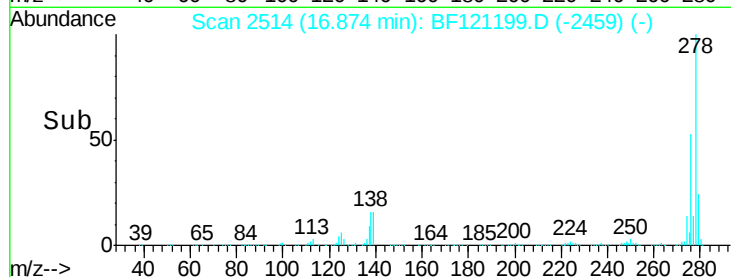
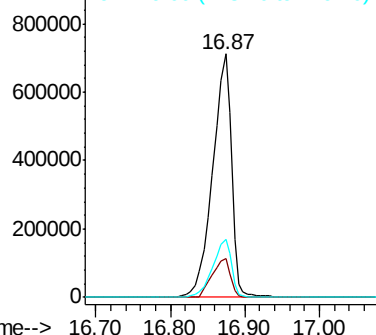
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	24.1	19.5	29.3

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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: 46.100 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	21.3	17.2	25.8

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

