

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121648.D
 Acq On : 22 Sep 2020 19:20
 Operator : JU/CG
 Sample : PB131810BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Manual Integrations
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mohammad
 9/23/2020 10:43:19 AM

Quant Time: Sep 23 01:17:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154914	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	607803	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323620	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	617771	20.00	ng	0.00
76) Chrysene-d12	13.98	240	477653	20.00	ng	0.00
86) Perylene-d12	15.43	264	403685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1175579	112.78	ng	0.02
7) Phenol-d6	6.46	99	1563240	114.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	1080158	95.42	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	565701	140.65	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1930653	90.35	ng	0.00
79) Terphenyl-d14	12.93	244	2165378	91.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	139704	29.172	ng	99
3) Pyridine	3.37	79	444294	33.559	ng	99
4) n-Nitrosodimethylamine	3.33	42	238733	38.876	ng	99
6) Aniline	6.47	93	580438	32.588	ng	# 87
8) 2-Chlorophenol	6.60	128	469935	44.279	ng	98
9) Benzaldehyde	6.36	77	170965	19.123	ng	97
10) Phenol	6.47	94	575675	39.530	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	455703	41.518	ng	100
12) 1,3-Dichlorobenzene	6.75	146	470687	39.734	ng	97
13) 1,4-Dichlorobenzene	6.83	146	481934	40.517	ng	97
14) 1,2-Dichlorobenzene	6.98	146	460562	42.032	ng	99
15) Benzyl Alcohol	6.96	79	417652	44.932	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	695234	39.362	ng	97
17) 2-Methylphenol	7.07	107	400934	44.399	ng	99
18) Hexachloroethane	7.32	117	175197	41.136	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	330905	41.984	ng	99
20) 3+4-Methylphenols	7.23	107	469695	43.291	ng	# 88
22) Acetophenone	7.22	105	617718	40.057	ng	# 99
24) Nitrobenzene	7.40	77	509284	41.596	ng	98
25) Isophorone	7.64	82	944929	41.467	ng	99
26) 2-Nitrophenol	7.71	139	249894	43.603	ng	94
27) 2,4-Dimethylphenol	7.76	122	429509	42.225	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	586862	41.600	ng	99
29) 2,4-Dichlorophenol	7.96	162	406319	43.857	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	399427	40.936	ng	97
31) Naphthalene	8.12	128	1307644	40.756	ng	100
32) Benzoic acid	7.90	122	294536	40.137	ng	96
33) 4-Chloroaniline	8.17	127	455261	32.734	ng	97
34) Hexachlorobutadiene	8.23	225	242018	42.257	ng	99
35) Caprolactam	8.55	113	127514m	41.330	ng	
36) 4-Chloro-3-methylphenol	8.66	107	455388	45.628	ng	97
37) 2-Methylnaphthalene	8.81	142	879352	41.821	ng	99
38) 1-Methylnaphthalene	8.91	142	827332	42.278	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	417396	41.290	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	467202	80.930	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	300635	43.631	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	323214	44.372	nq	96
46) 1,1'-Biphenyl	9.27	154	1078648	41.634	nq	100
47) 2-Chloronaphthalene	9.30	162	846854	41.480	nq	99
48) 2-Nitroaniline	9.40	65	302074	47.613	nq	96
49) Acenaphthylene	9.72	152	1343765	42.838	nq	99
50) Dimethylphthalate	9.58	163	1055483	44.999	nq	99
51) 2,6-Dinitrotoluene	9.65	165	238529	47.751	nq	91
52) Acenaphthene	9.89	154	793801	40.065	nq	100
53) 3-Nitroaniline	9.81	138	194131	33.548	nq	97
54) 2,4-Dinitrophenol	9.92	184	286002	97.089	nq	95
55) Dibenzofuran	10.06	168	1187112	42.546	nq	99
56) 4-Nitrophenol	9.99	139	389179	84.332	nq	96
57) 2,4-Dinitrotoluene	10.05	165	315893	50.267	nq	98
58) Fluorene	10.40	166	927026	43.446	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	279016	47.117	nq	99
60) Diethylphthalate	10.28	149	1024888	44.816	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	456382	44.650	nq	99
62) 4-Nitroaniline	10.43	138	258102	44.922	nq	100
63) Azobenzene	10.56	77	1031331	42.349	nq	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	188962	49.583	nq	81
66) n-Nitrosodiphenylamine	10.52	169	910384	42.954	nq	97
67) 4-Bromophenyl-phenylether	10.89	248	312588	44.442	nq	98
68) Hexachlorobenzene	10.95	284	355494	44.786	nq	100
69) Atrazine	11.05	200	224774	42.687	nq	99
70) Pentachlorophenol	11.15	266	381647	87.549	nq	98
71) Phenanthrene	11.37	178	1422482	42.262	nq	100
72) Anthracene	11.42	178	1476558	42.510	nq	100
73) Carbazole	11.57	167	1340214	42.758	nq	100
74) Di-n-butylphthalate	11.90	149	1528984	42.264	nq	99
75) Fluoranthene	12.55	202	1555809	43.301	nq	98
77) Benzidine	12.67	184	790344	49.911	nq	100
78) Pyrene	12.78	202	1586249	45.453	nq	100
80) Butylbenzylphthalate	13.40	149	642173	45.498	nq	100
81) Benzo(a)anthracene	13.97	228	1335657	44.200	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	366680	31.081	nq	100
83) Chrysene	14.01	228	1328194	43.404	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	798914	42.370	nq	100
85) Di-n-octyl phthalate	14.57	149	1367501	41.096	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1114717	42.402	nq	99
88) Benzo(b)fluoranthene	15.01	252	1223446	45.335	nq	99
89) Benzo(k)fluoranthene	15.04	252	1193030	48.276	nq	100
90) Benzo(a)pyrene	15.37	252	1068233	46.567	nq	100
91) Dibenzo(a,h)anthracene	16.89	278	920697	42.072	nq	98
92) Benzo(g,h,i)perylene	17.31	276	922945	42.905	nq	99

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



#1

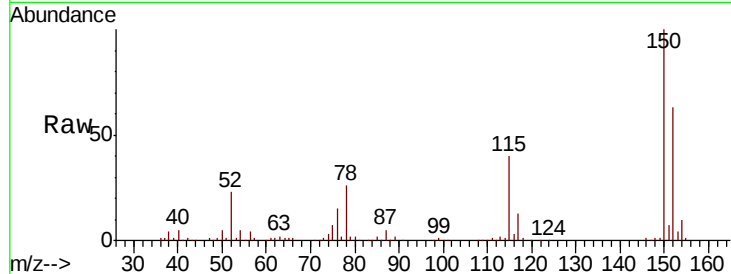
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

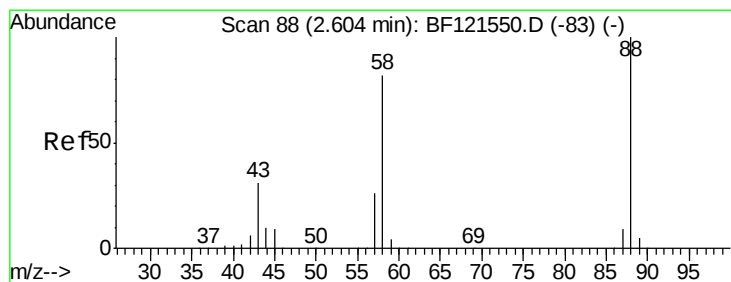
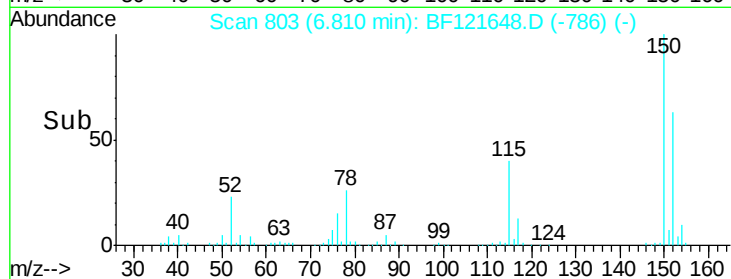
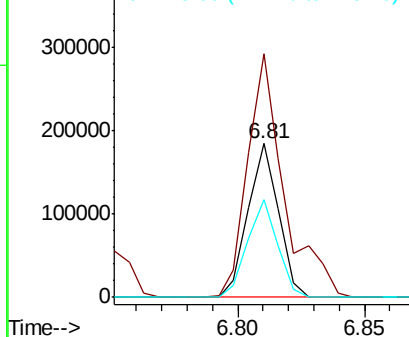
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.1	192.1
115	63.2	52.6	79.0

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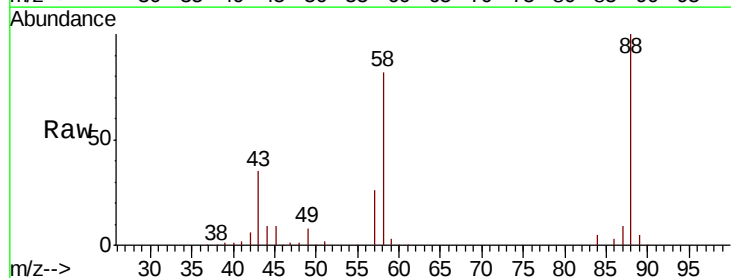
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



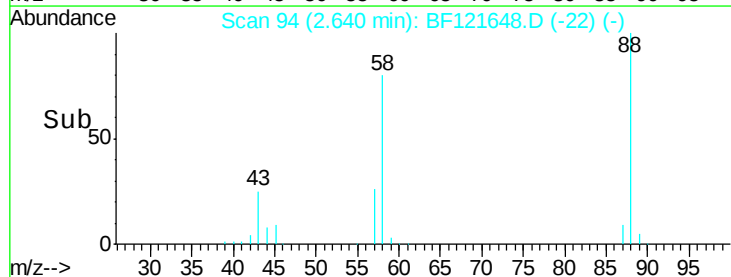
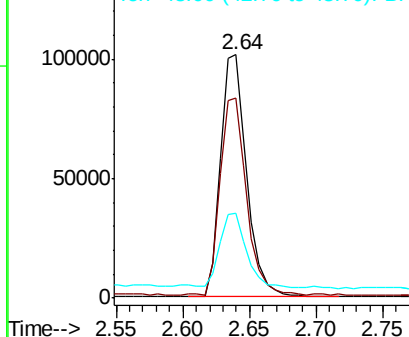
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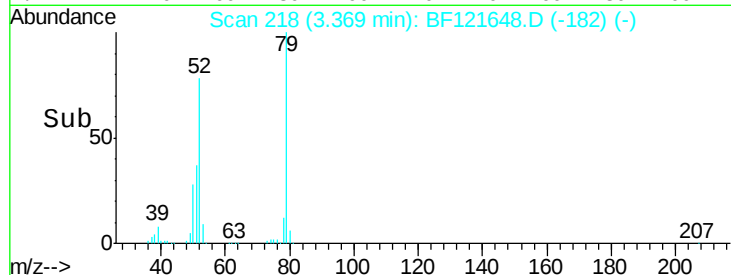
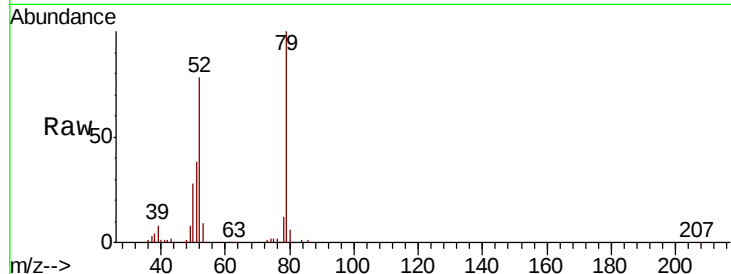
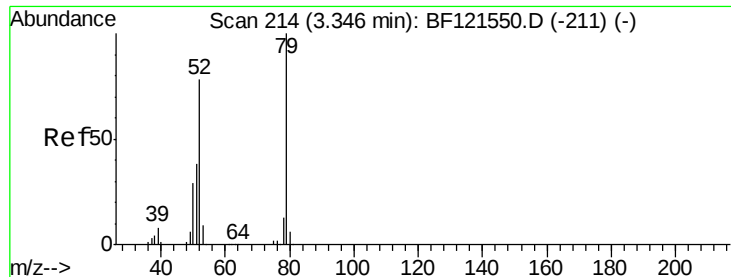
1,4-Dioxane
Concen: 29.172 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	65.4	98.0
43	31.4	24.9	37.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





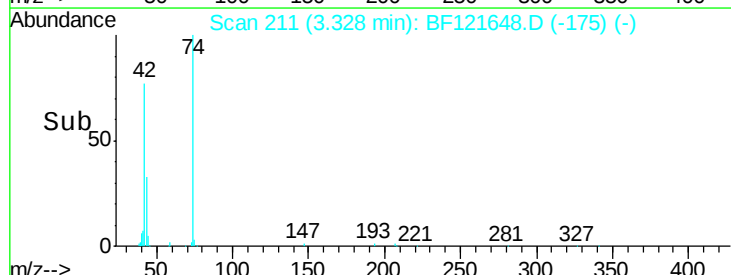
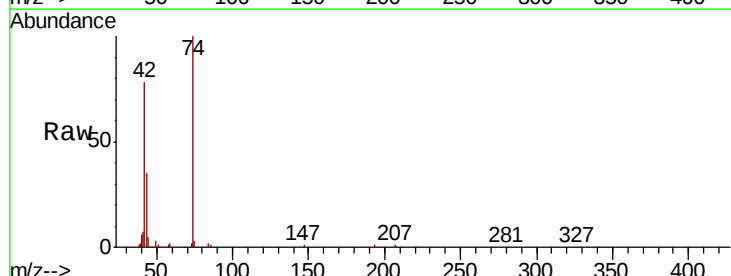
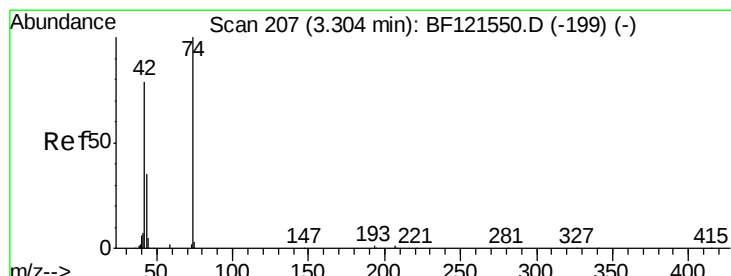
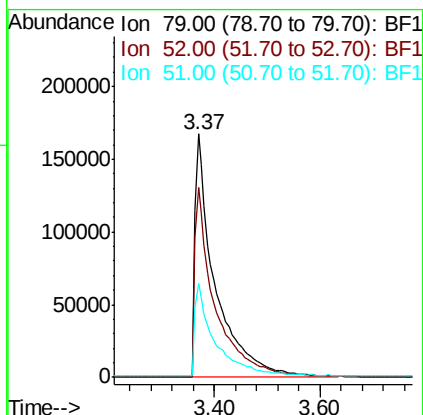
#3
Pvridine
Concen: 33.559 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.11 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tot Ion	Ratio	Resp	Lower	Upper
79	100	444294		
52	77.9	63.4	95.0	
51	38.4	30.7	46.1	

Instrument :
BNA_F
ClientSampleId :
PB131810BS

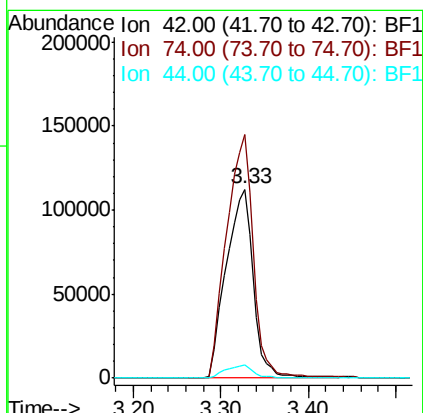
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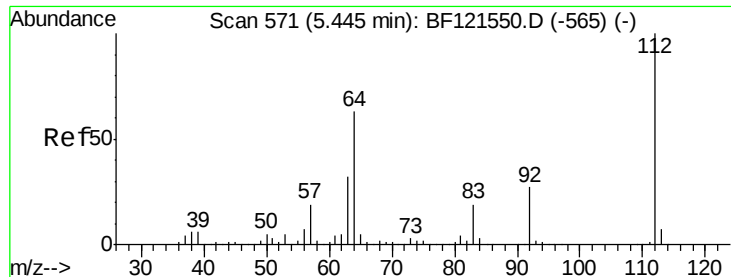
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#4
n-Nitrosodimethylamine
Concen: 38.876 ng
RT: 3.33 min Scan# 211
Delta R.T. 0.11 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	238733		
74	129.0	102.6	154.0	
44	6.7	6.0	9.0	





#5

2-Fluorophenol

Concen: 112.776 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

Tot Ion: 112 Resp: 1175579

Ion Ratio Lower Upper

112 100

64 62.1 52.2 78.2

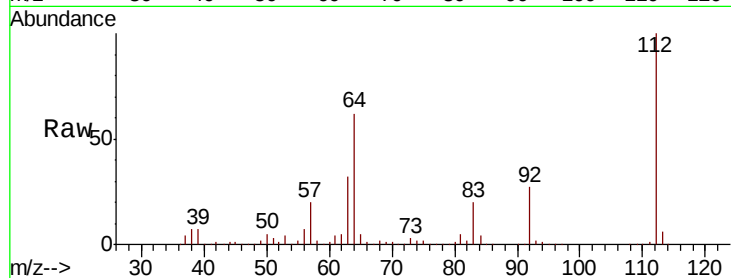
63 32.4 26.6 39.8

Manual Integrations

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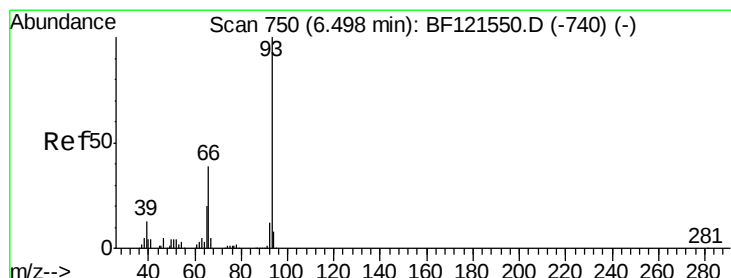
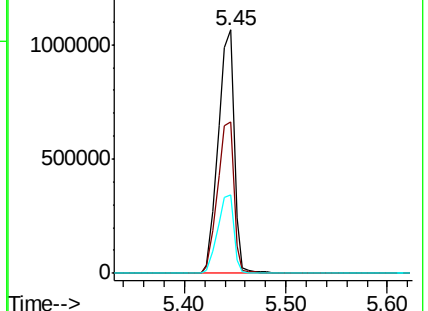
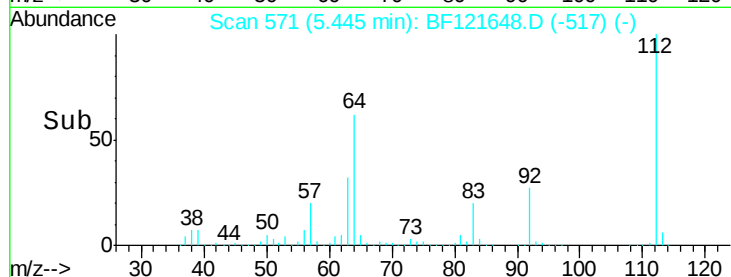
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.588 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

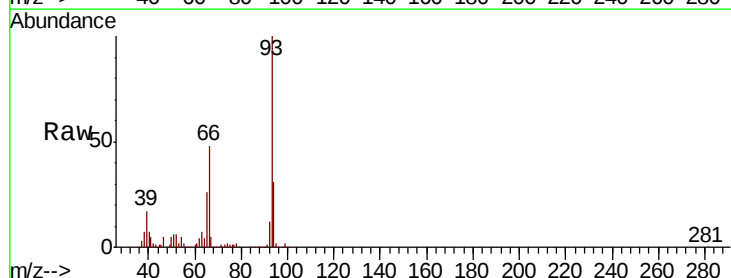
Tgt Ion: 93 Resp: 580438

Ion Ratio Lower Upper

93 100

66 47.6 31.9 47.9

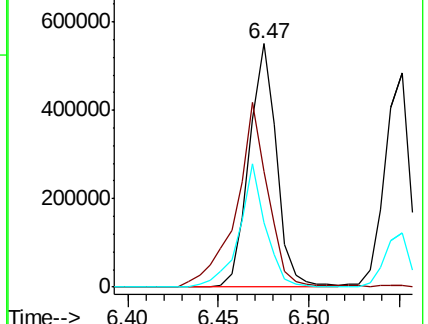
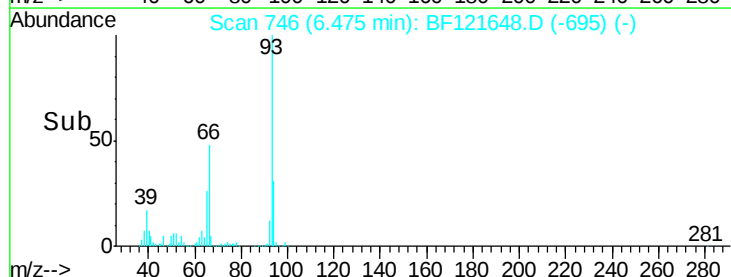
65 26.2 16.1 24.1#



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: 114.308 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

Tot Ion: 99 Resp: 1563240

Ion Ratio Lower Upper

99 100

42 20.2 15.5 23.3

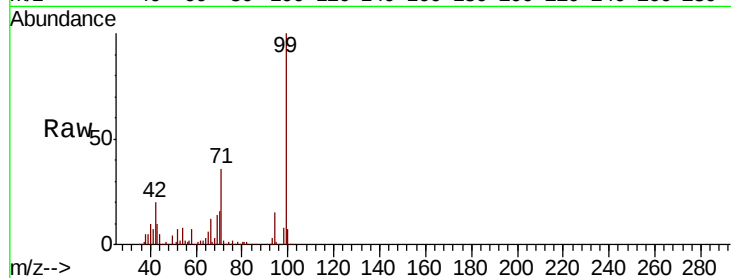
71 35.8 27.4 41.2

Manual Integrations

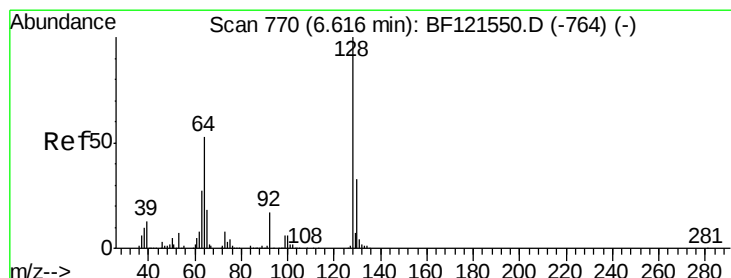
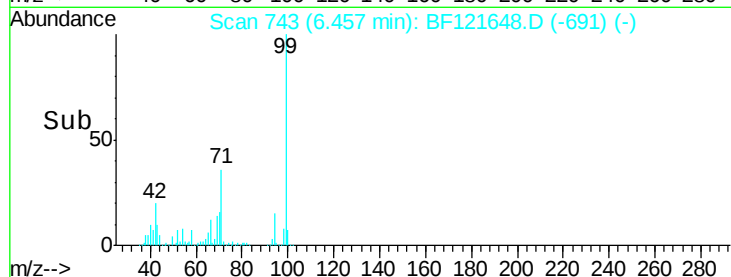
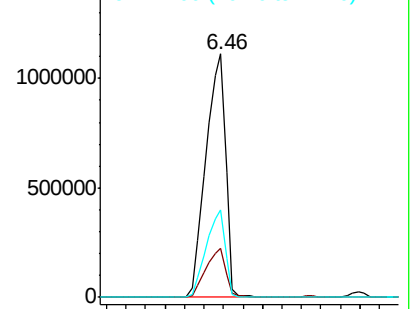
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.279 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

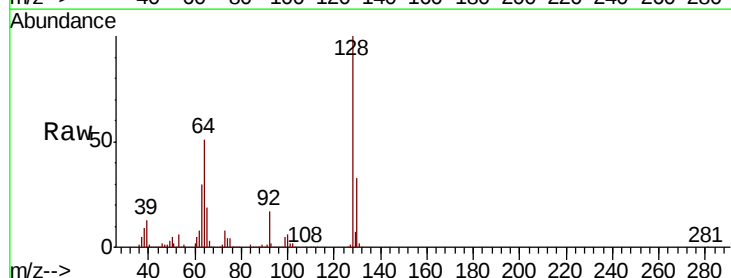
Tgt Ion: 128 Resp: 469935

Ion Ratio Lower Upper

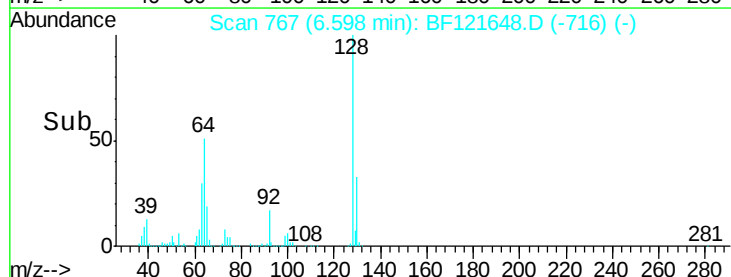
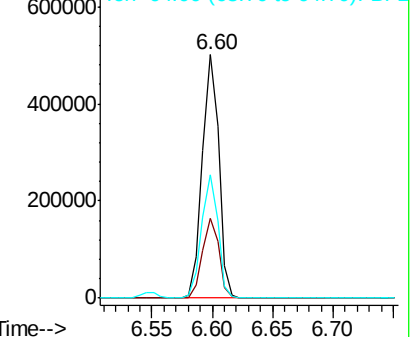
128 100

130 32.5 13.5 53.5

64 50.9 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.123 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

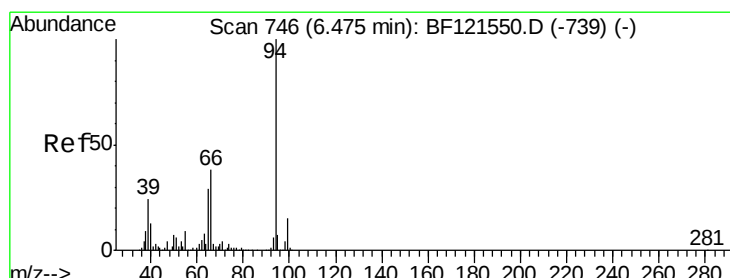
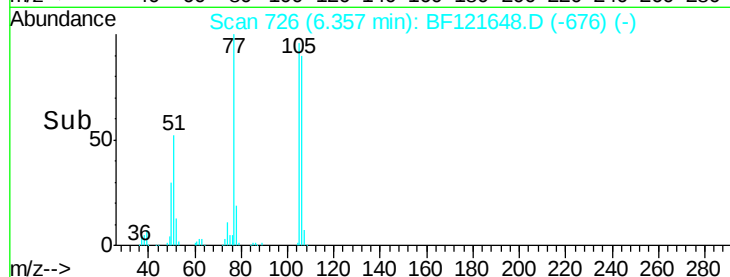
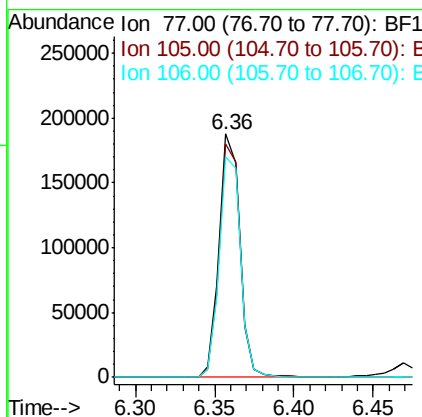
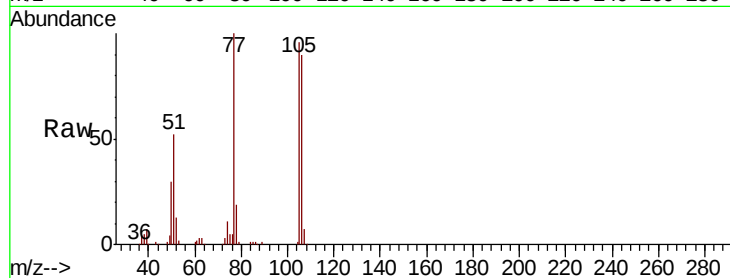
ClientSampleId :

PB131810BS

Tot Ion:	77	Resp:	170965
Ion	Ratio	Lower	Upper
77	100		
105	95.9	79.2	119.2
106	90.4	72.9	112.9

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#10

Phenol

Concen: 39.530 ng

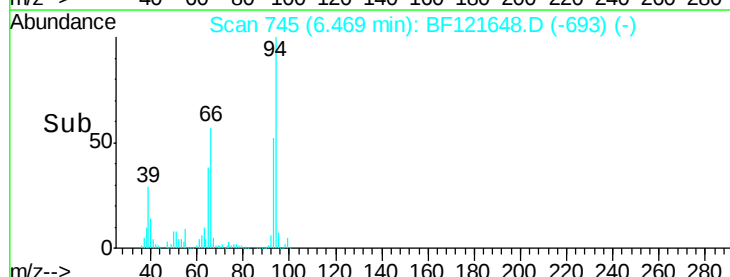
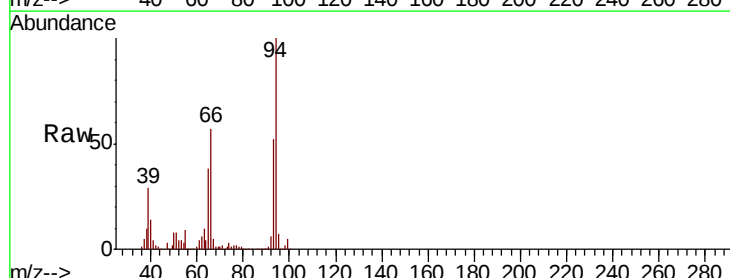
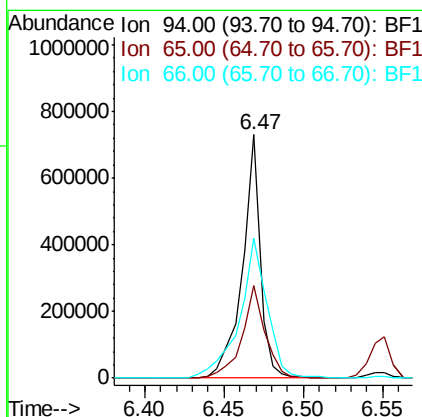
RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	94	Resp:	575675
Ion	Ratio	Lower	Upper
94	100		
65	38.1	17.8	57.8
66	57.3	37.8	77.8





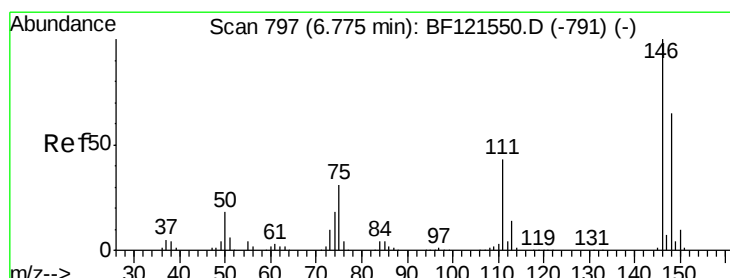
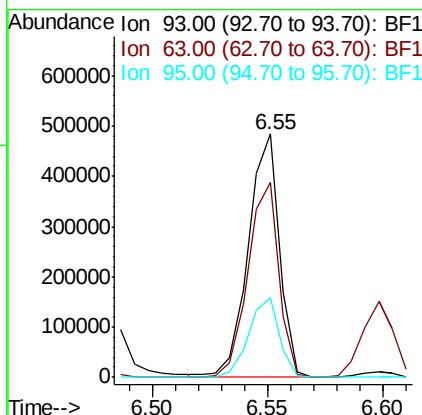
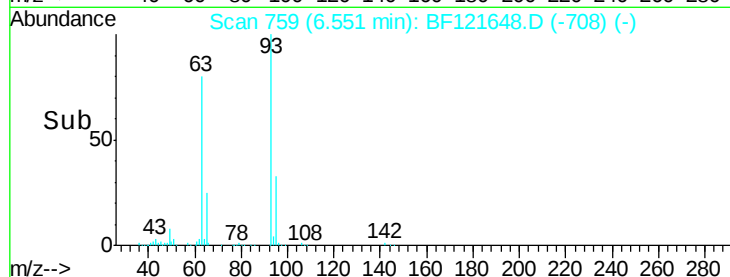
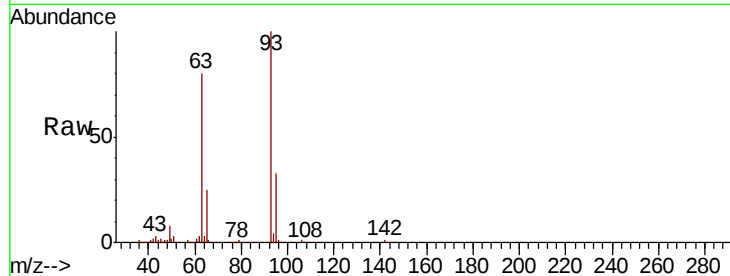
#11
bis(2-Chloroethyl)ether
Concen: 41.518 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:	93	Resp:	455703
Ion	Ratio	Lower	Upper
93	100		
63	79.9	60.3	100.3
95	32.6	12.6	52.6

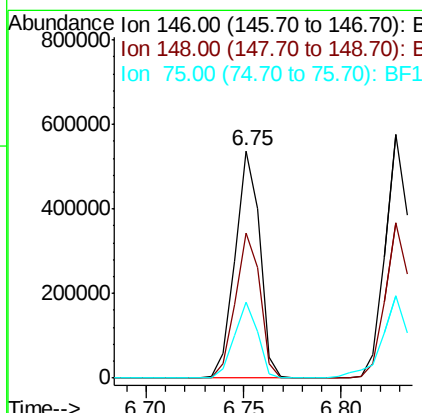
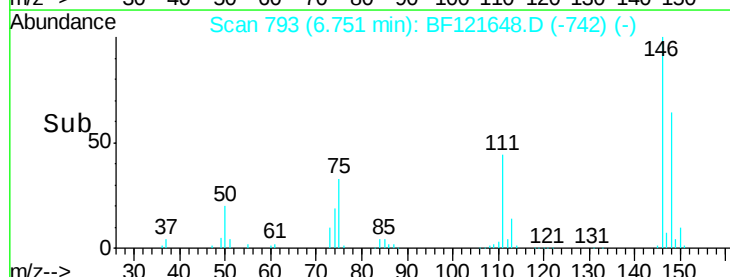
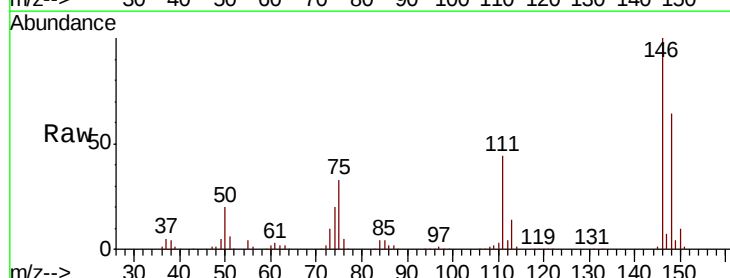
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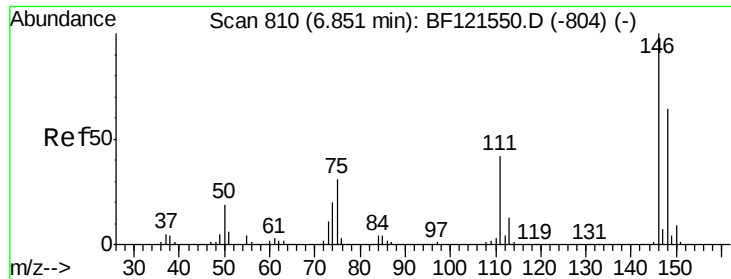
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.734 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:	146	Resp:	470687
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	33.5	23.5	35.3





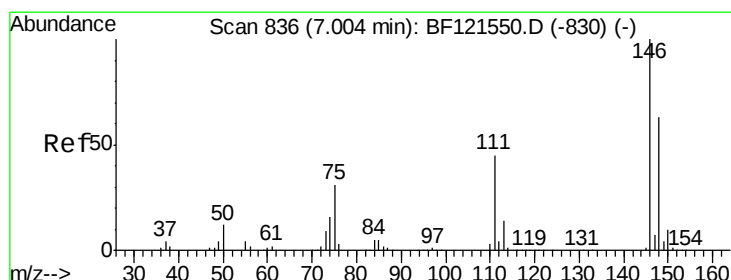
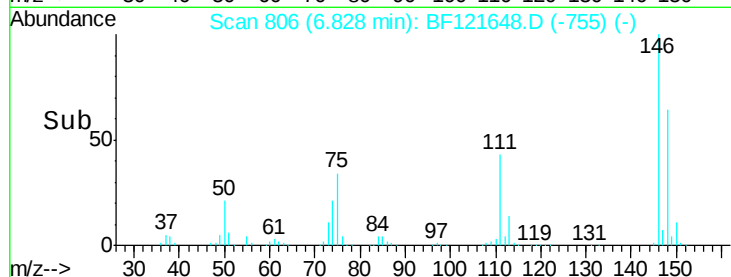
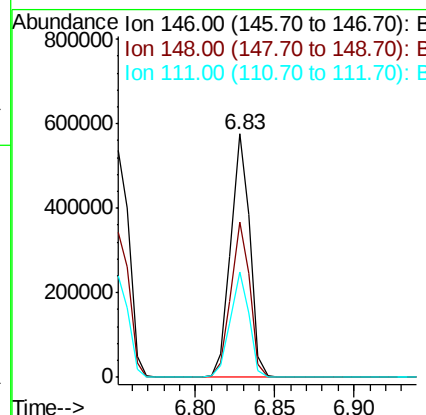
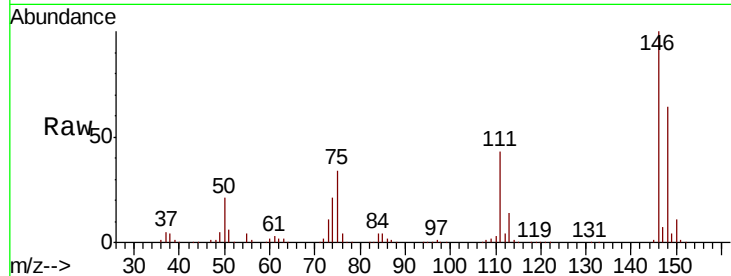
#13
1,4-Dichlorobenzene
Concen: 40.517 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	43.4	32.7	49.1

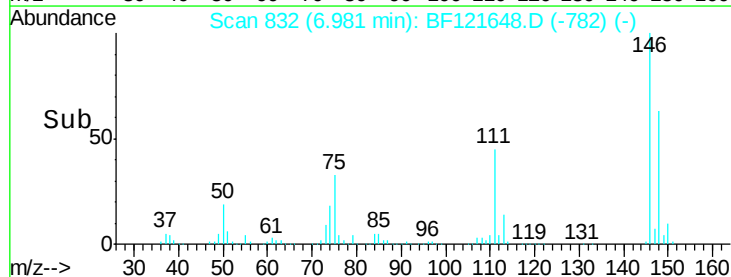
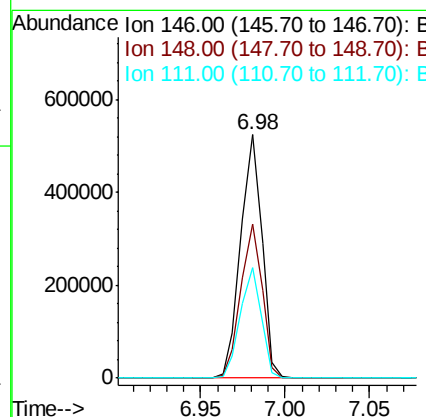
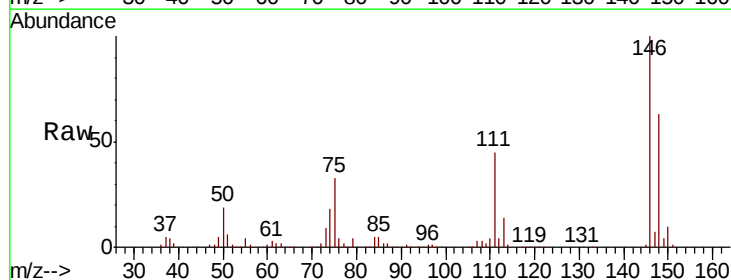
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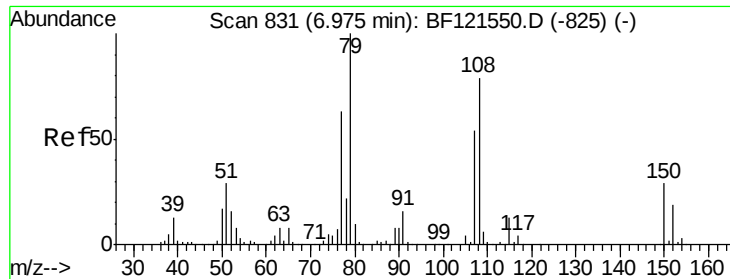
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#14
1,2-Dichlorobenzene
Concen: 42.032 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
111	45.1	35.5	53.3





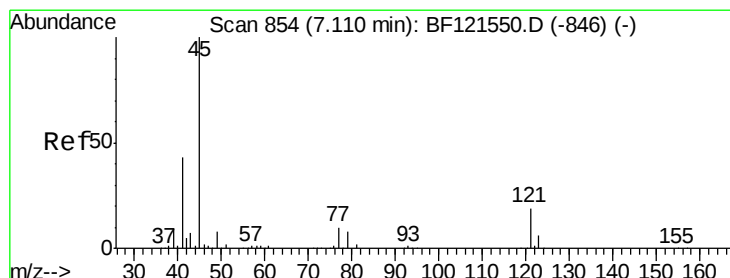
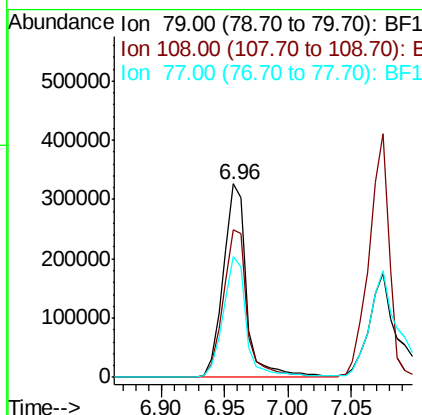
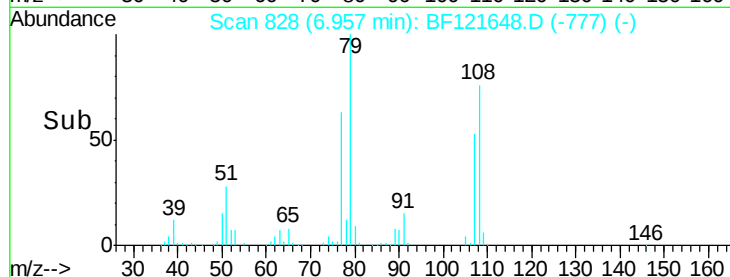
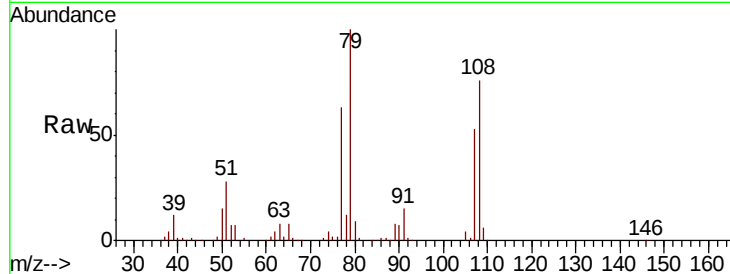
#15
Benzyl Alcohol
Concen: 44.932 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.2	90.2
77	62.6	50.6	76.0

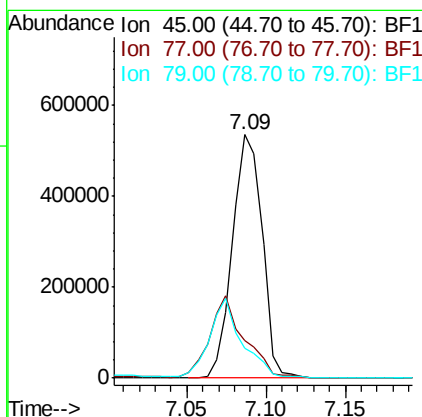
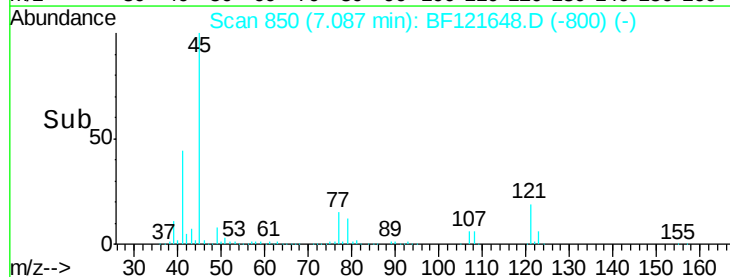
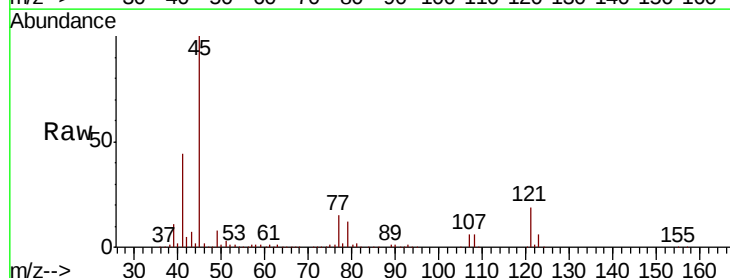
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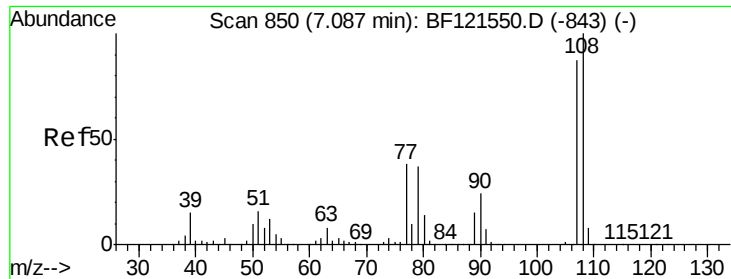
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.362 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	33.8
79	12.1	0.0	31.2





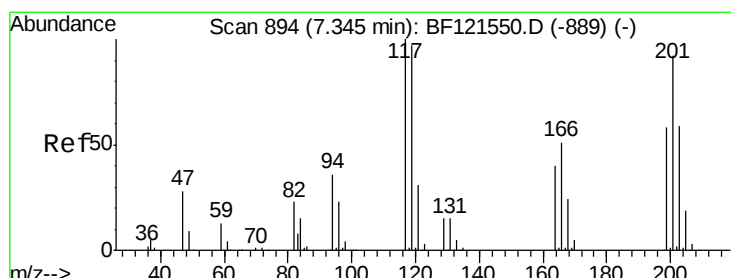
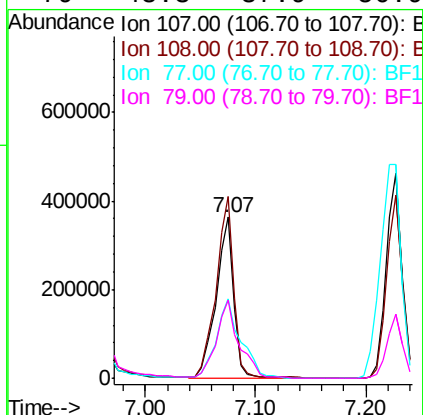
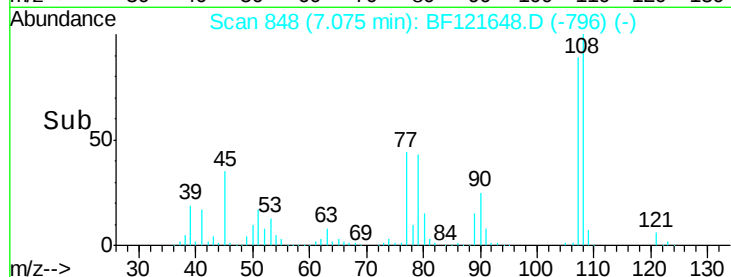
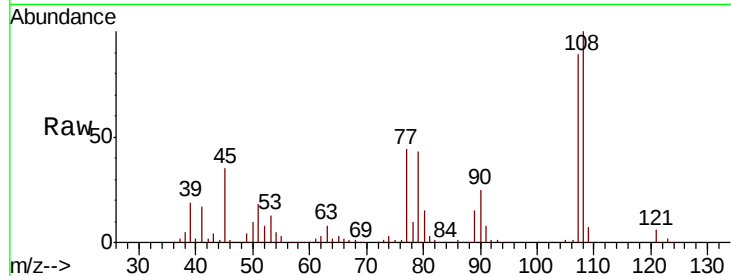
#17
2-Methylphenol
Concen: 44.399 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.6	135.8	
77	49.5	38.7	58.1	
79	48.3	37.9	56.9	

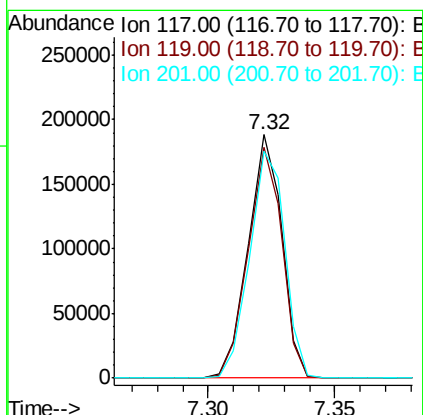
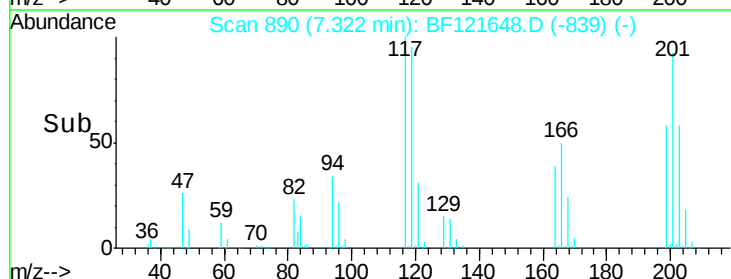
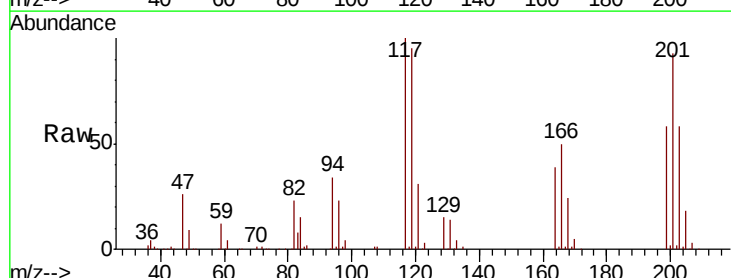
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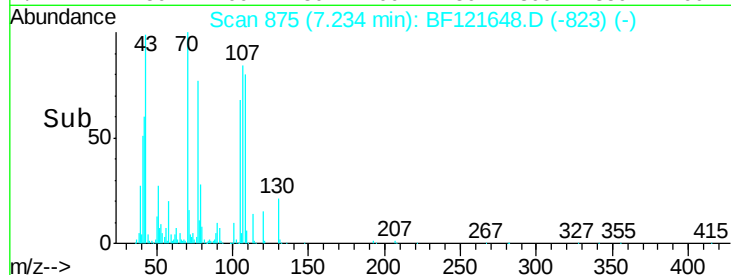
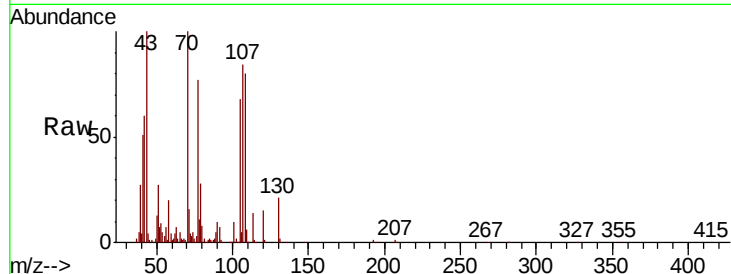
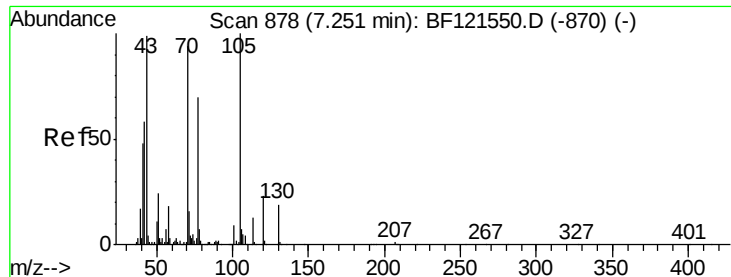
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#18
Hexachloroethane
Concen: 41.136 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.7	113.5	
201	93.0	77.5	116.3	





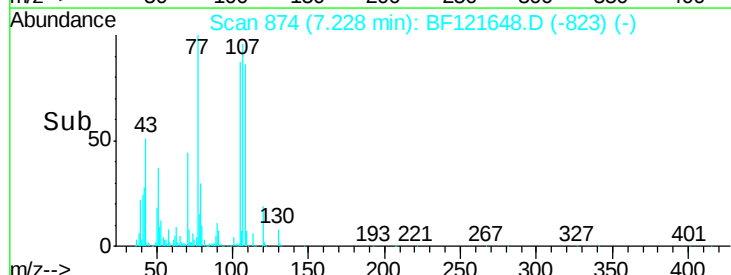
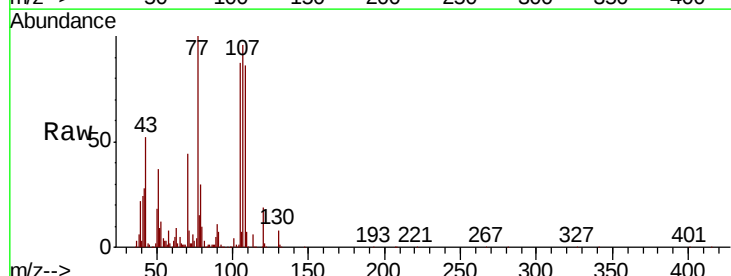
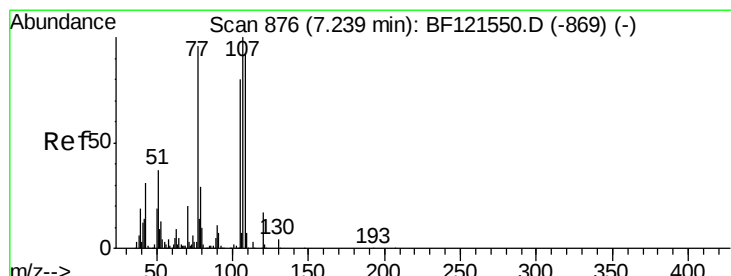
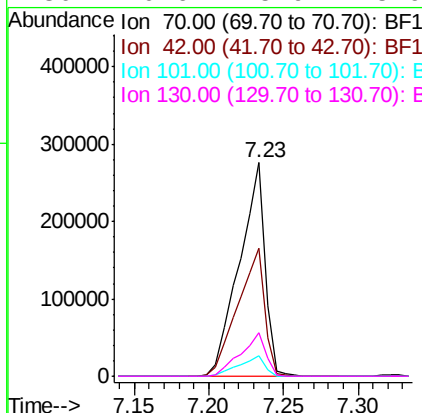
#19
n-Nitroso-di-n-propylamine
Concen: 41.984 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	48.3	72.5
101	9.5	7.6	11.4
130	20.6	15.9	23.9

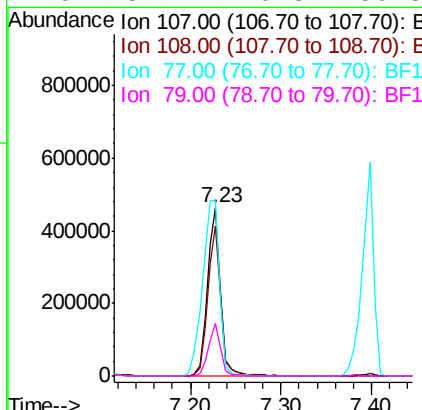
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#20
3+4-Methylphenols
Concen: 43.291 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.0	107.0
77	104.0	107.7	147.7#
79	31.4	10.3	50.3





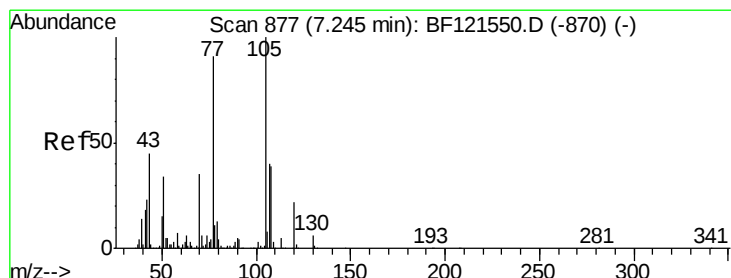
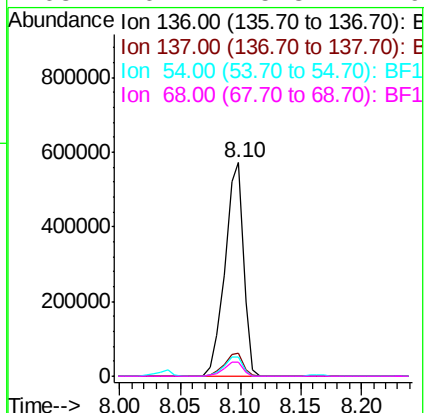
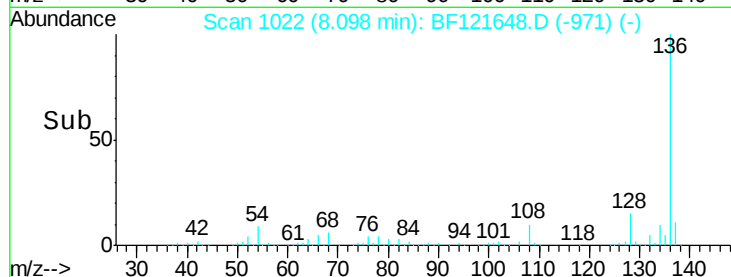
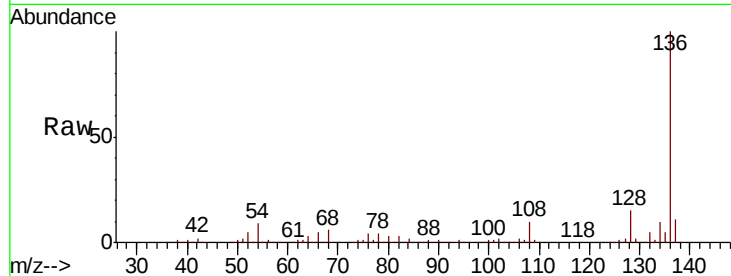
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607803		
137	11.1	8.9	13.3	
54	8.8	7.4	11.0	
68	6.4	5.3	7.9	

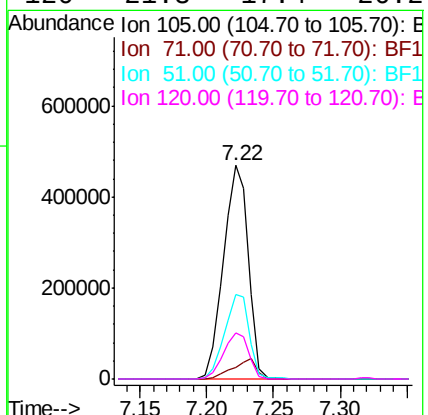
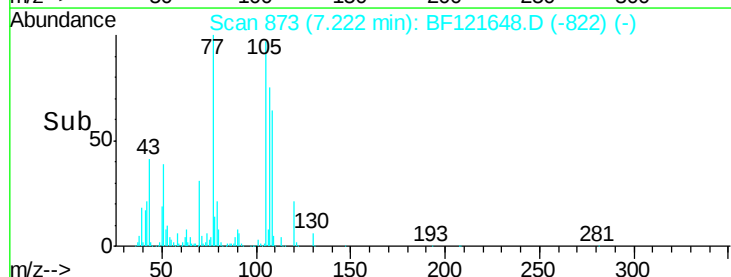
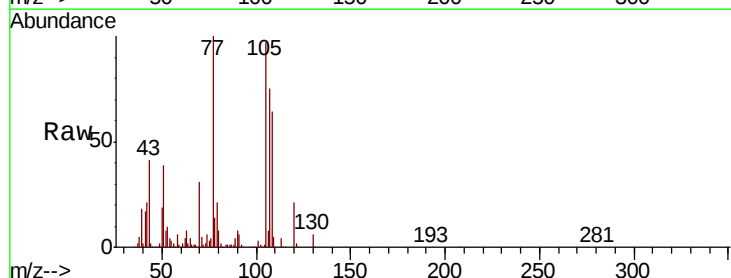
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#22
Acetophenone
Concen: 40.057 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617718		
71	5.5	5.5	8.3#	
51	39.7	31.7	47.5	
120	21.3	17.4	26.2	





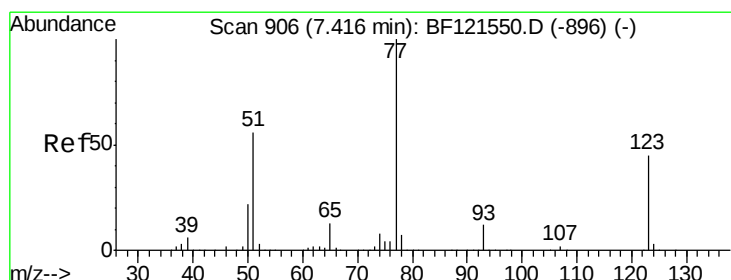
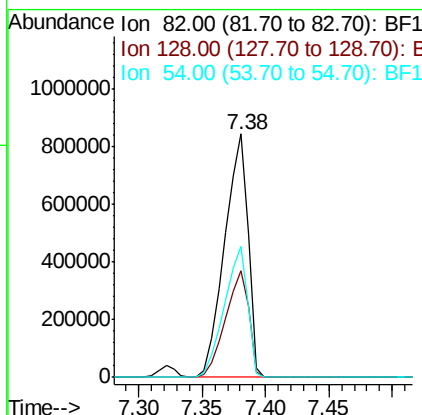
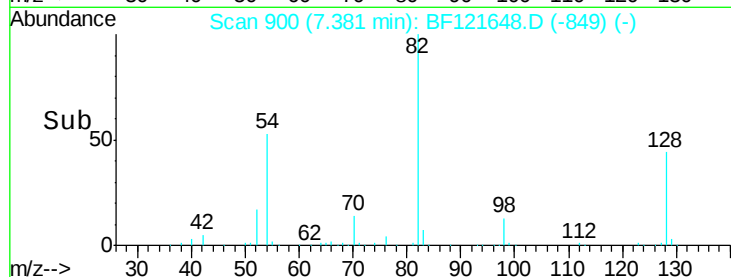
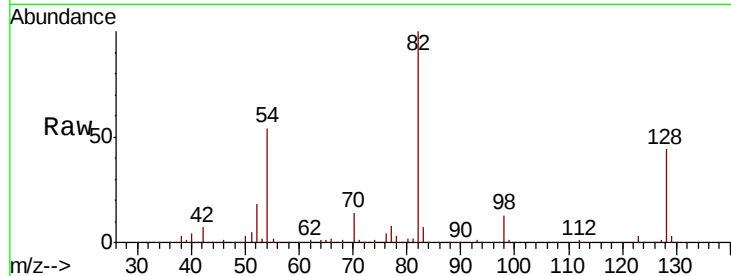
#23
Nitrobenzene-d5
Concen: 95.418 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion: 82 Resp: 1080158
Ion Ratio Lower Upper
82 100
128 43.6 33.9 50.9
54 54.0 42.9 64.3

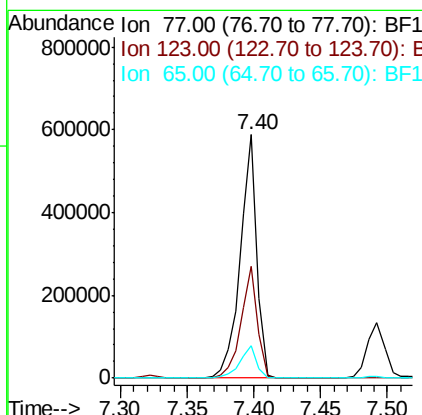
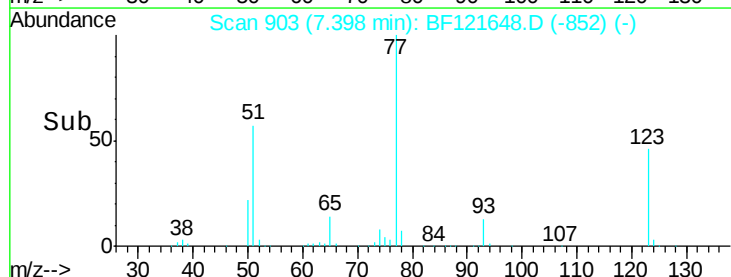
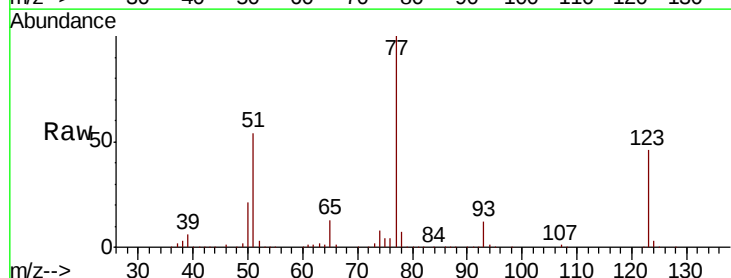
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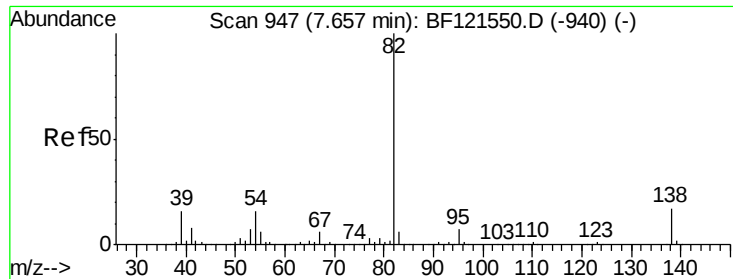
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#24
Nitrobenzene
Concen: 41.596 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion: 77 Resp: 509284
Ion Ratio Lower Upper
77 100
123 46.0 35.8 53.8
65 13.3 11.2 16.8





#25

Isophorone

Concen: 41.467 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

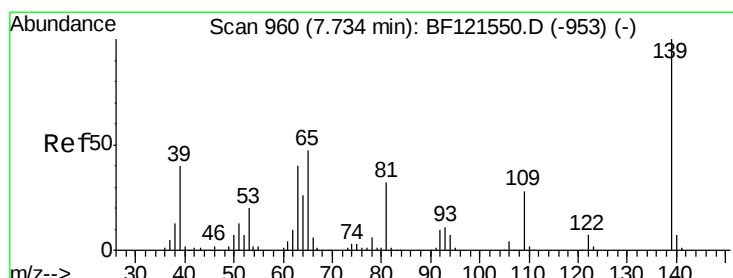
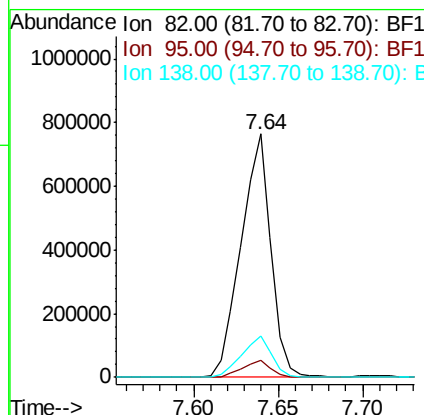
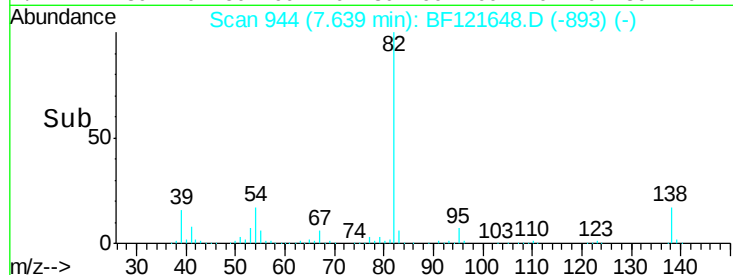
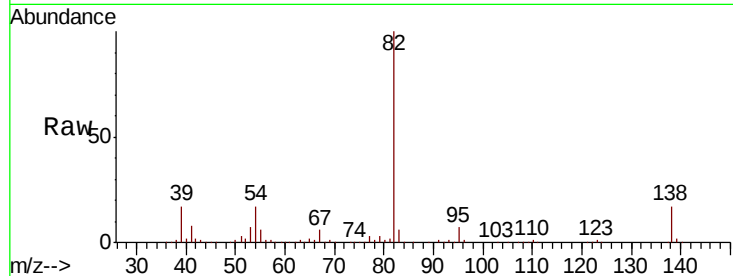
ClientSampleId :

PB131810BS

Tot Ion:	82	Resp:	944929
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.1	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.603 ng

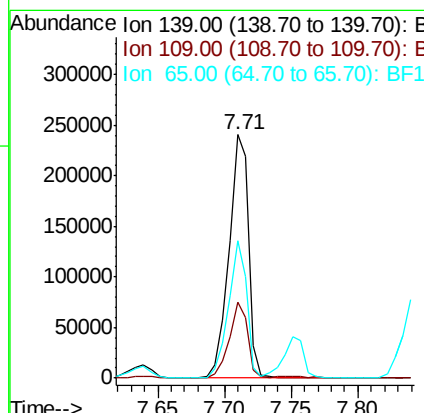
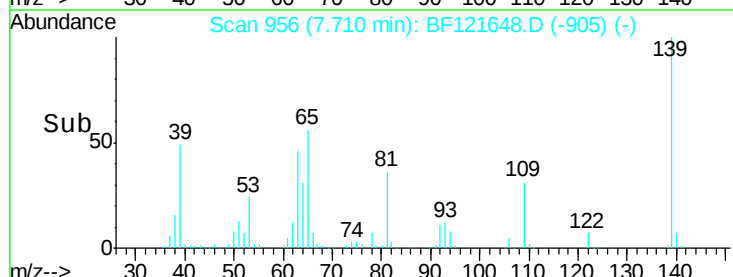
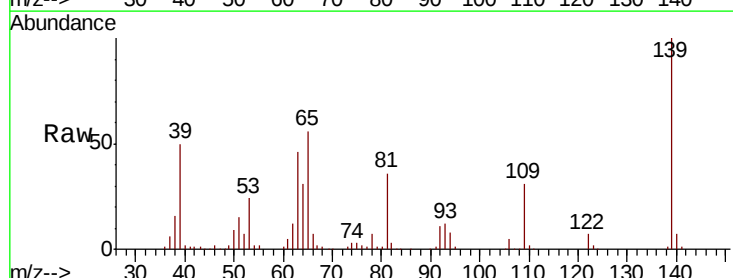
RT: 7.71 min Scan# 956

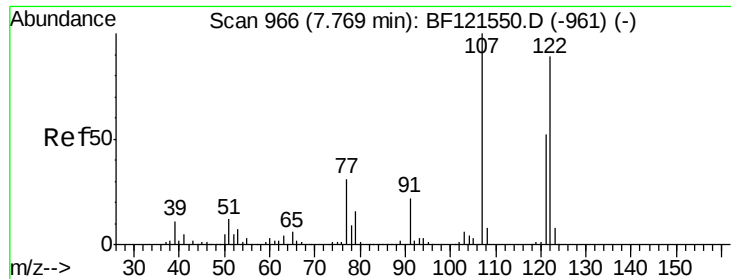
Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	139	Resp:	249894
Ion Ratio	Lower	Upper	
139	100		
109	31.1	23.4	35.2
65	56.5	41.0	61.4





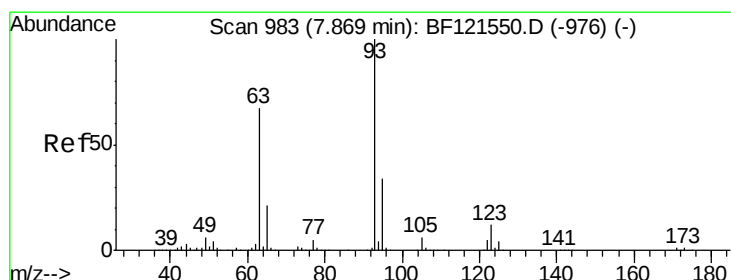
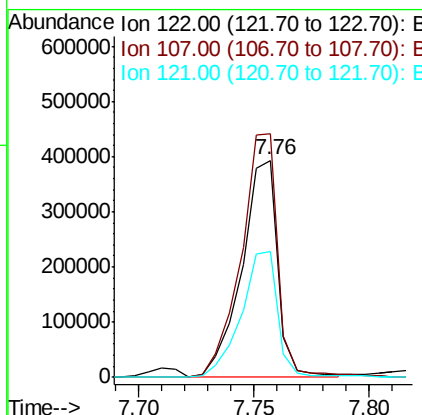
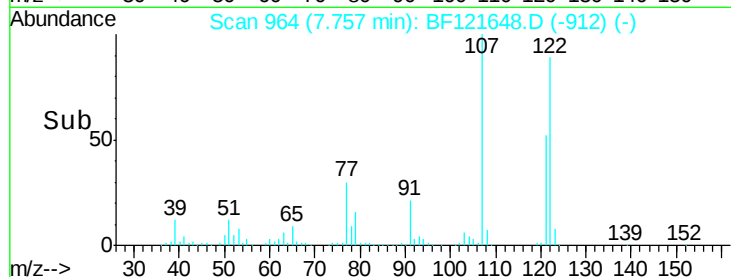
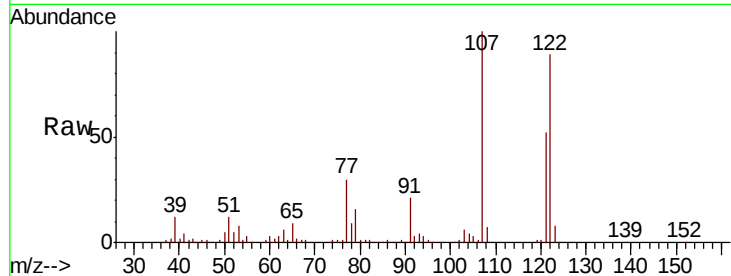
#27
2,4-Dimethylphenol
Concen: 42.225 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.4	137.0
121	58.0	46.2	69.2

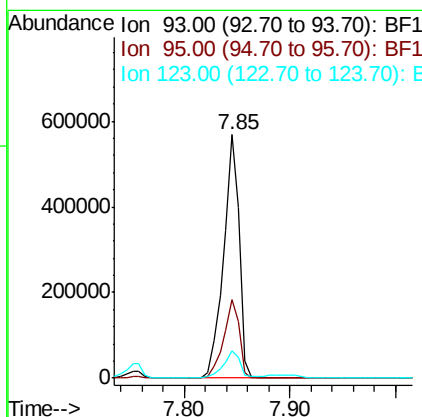
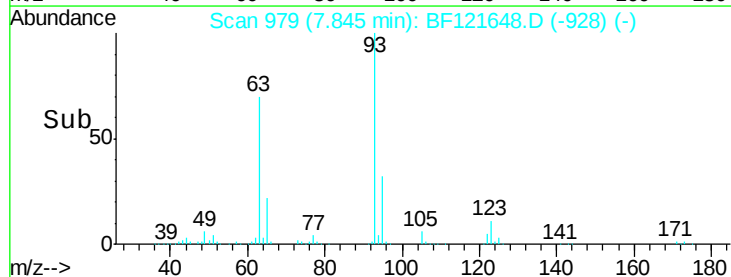
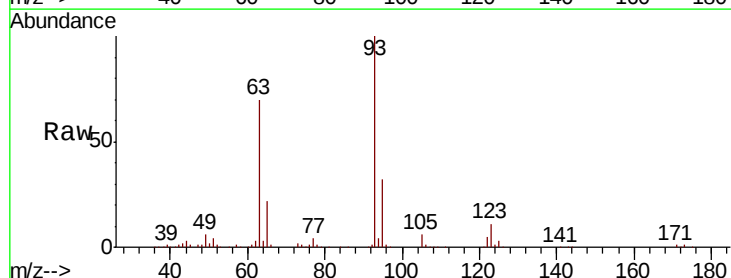
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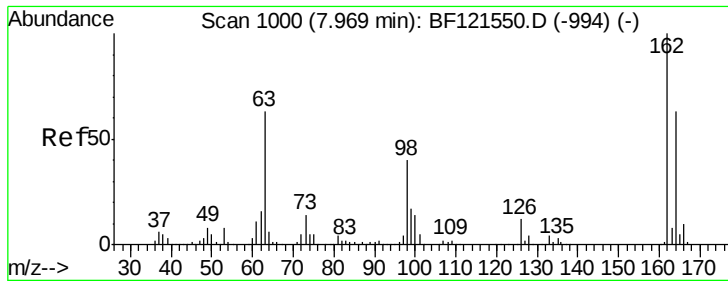
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#28
bis(2-Chloroethoxy)methane
Concen: 41.600 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.0	9.3	13.9





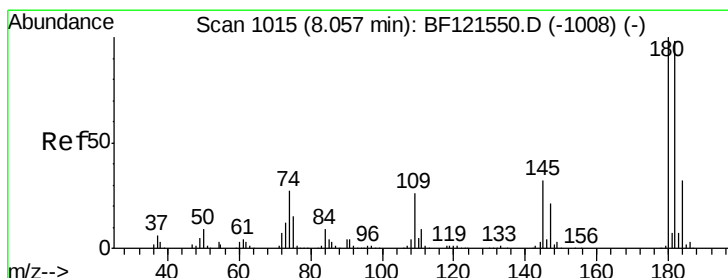
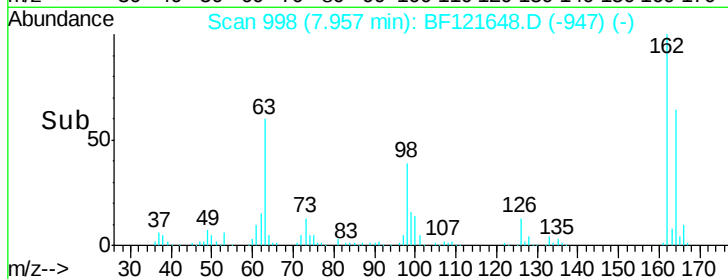
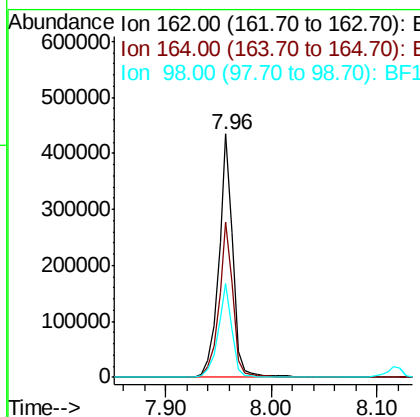
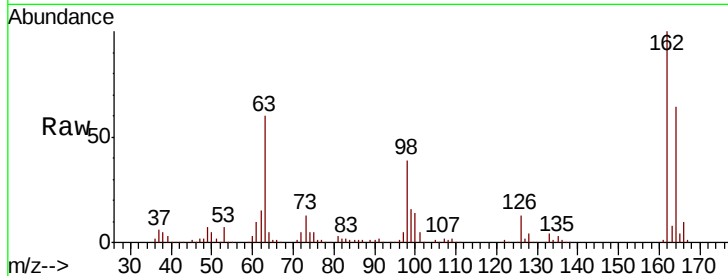
#29
 2,4-Dichlorophenol
 Concen: 43.857 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		406319		
164	63.9	44.1	84.1		
98	38.6	16.7	56.7		

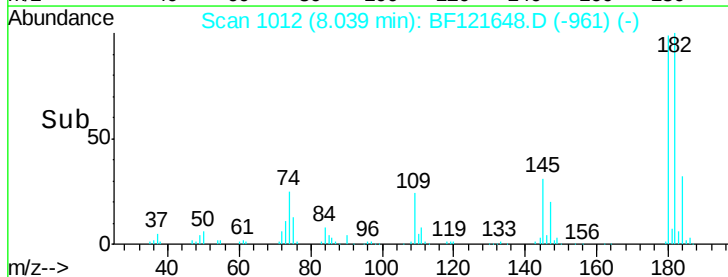
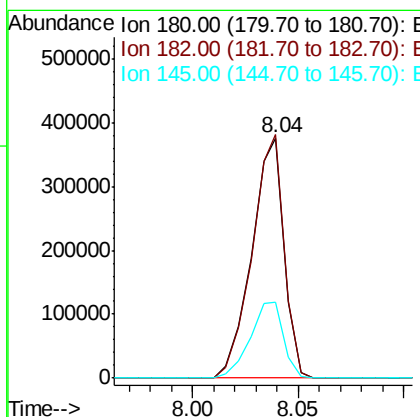
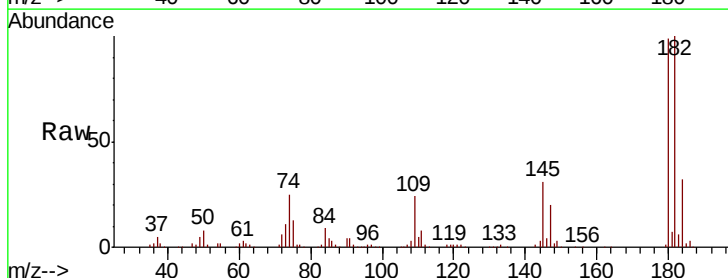
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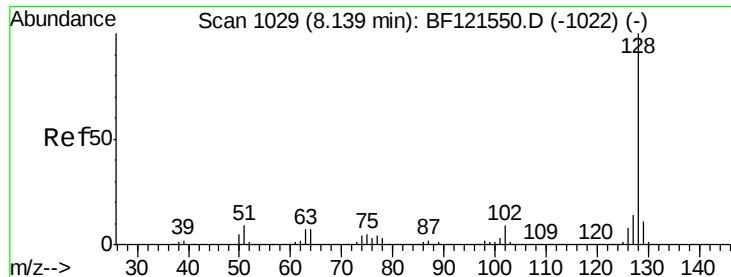
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.936 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		399427		
182	101.5	78.6	117.8		
145	31.6	26.2	39.2		





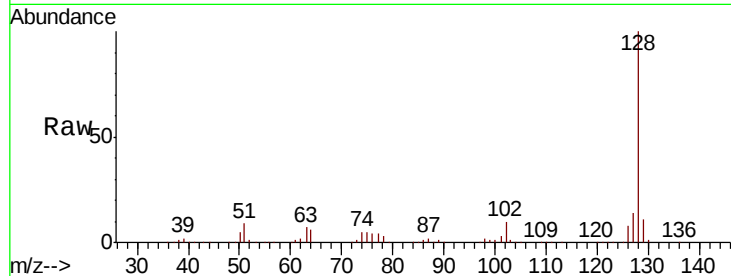
#31
Naphthalene
Concen: 40.756 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

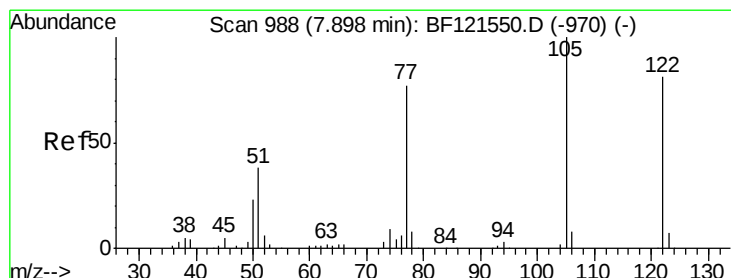
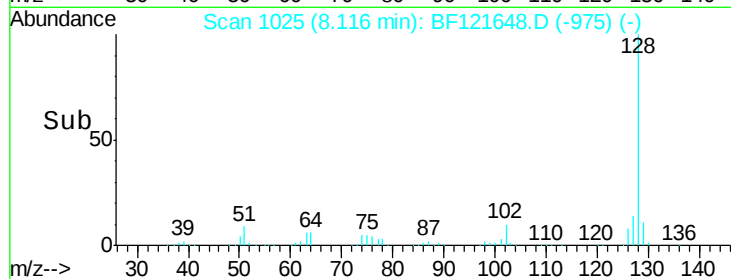
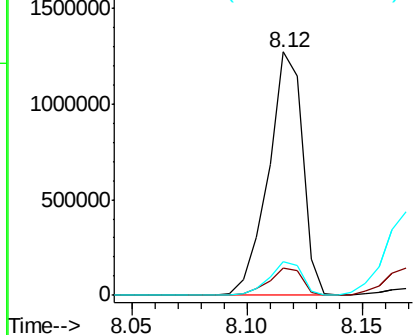
Tot Ion:128 Resp: 1307644
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.6 10.8 16.2

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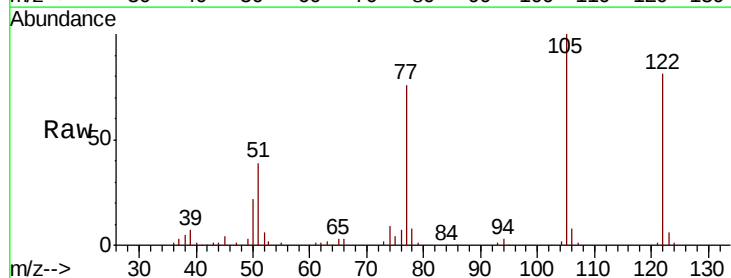


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

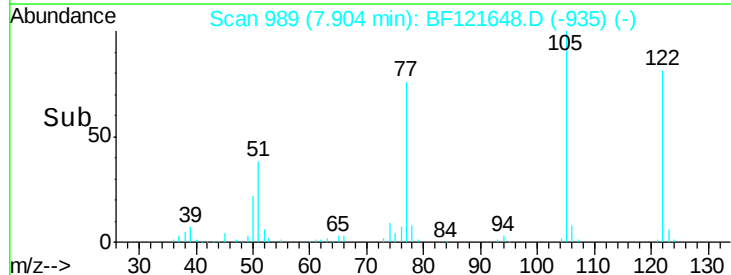
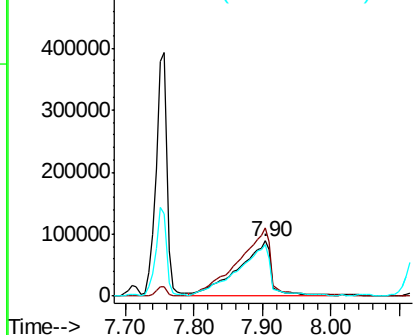


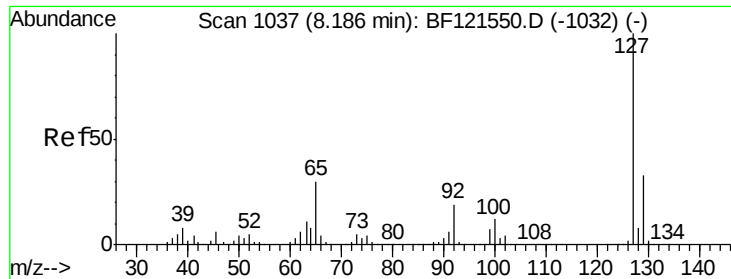
#32
Benzoic acid
Concen: 40.137 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:122 Resp: 294536
Ion Ratio Lower Upper
122 100
105 124.2 101.9 141.9
77 94.8 69.0 109.0



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





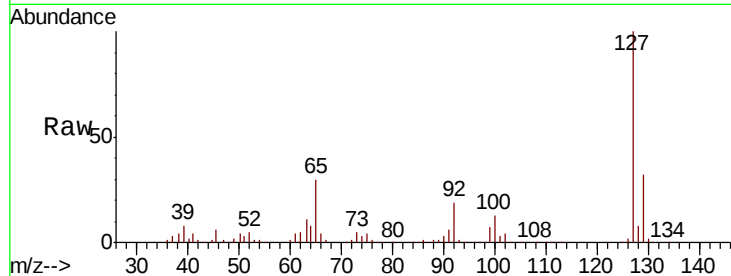
#33
4-Chloroaniline
Concen: 32.734 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

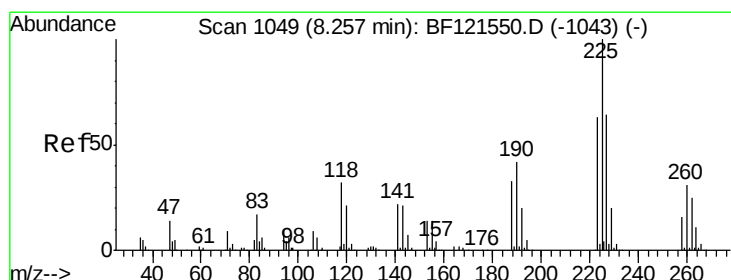
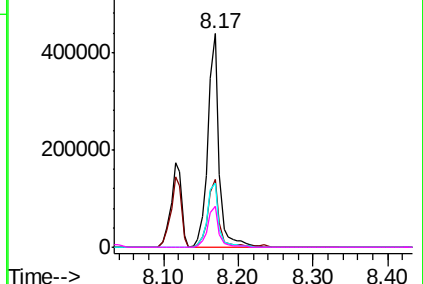
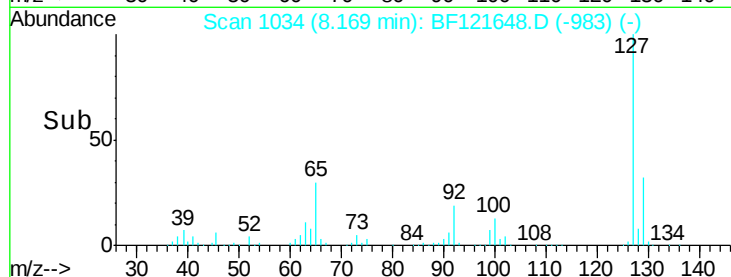
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		455261		
129	31.9	25.8	38.8		
65	30.3	26.3	39.5		
92	19.1	16.2	24.4		

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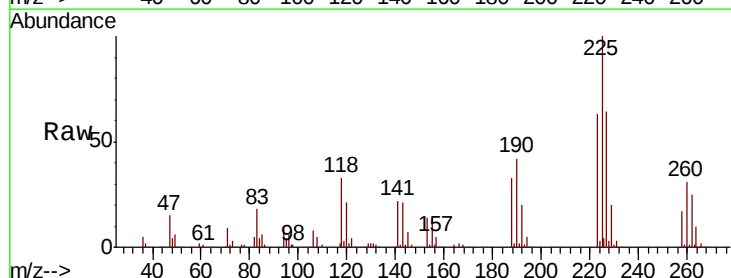


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

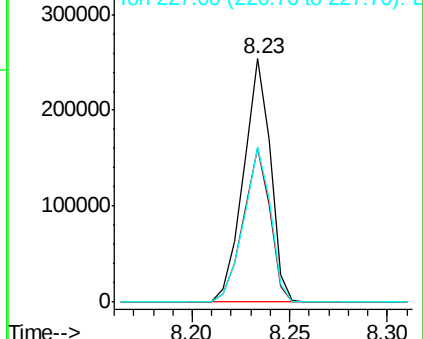
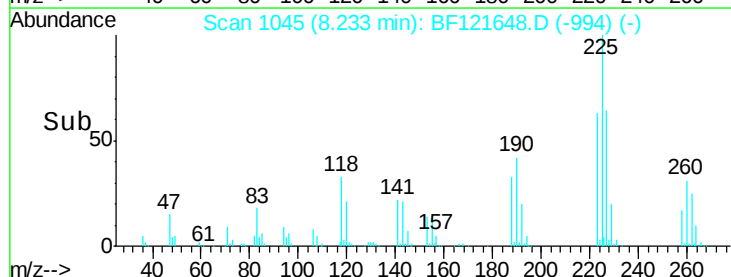


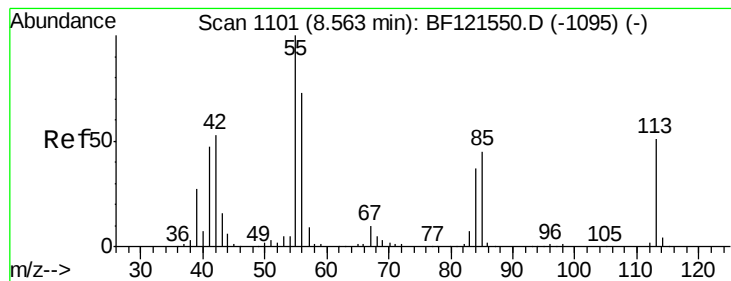
#34
Hexachlorobutadiene
Concen: 42.257 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		242018		
223	63.3	51.4	77.2		
227	63.7	51.7	77.5		



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





#35

Caprolactam

Concen: 41.330 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

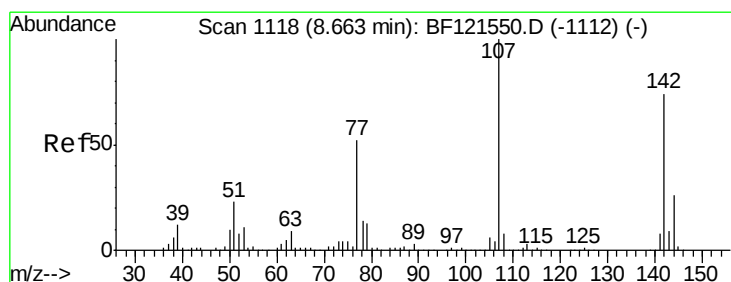
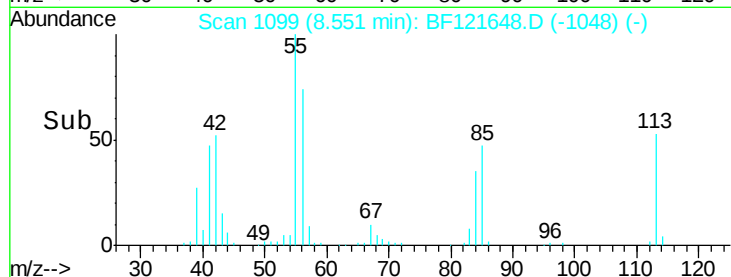
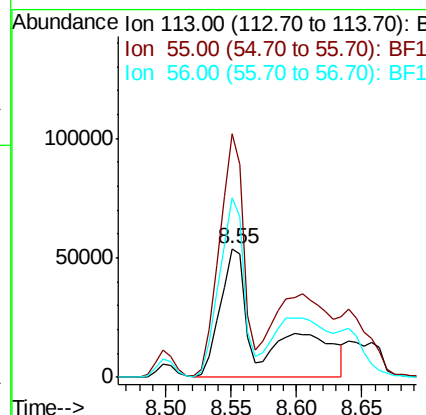
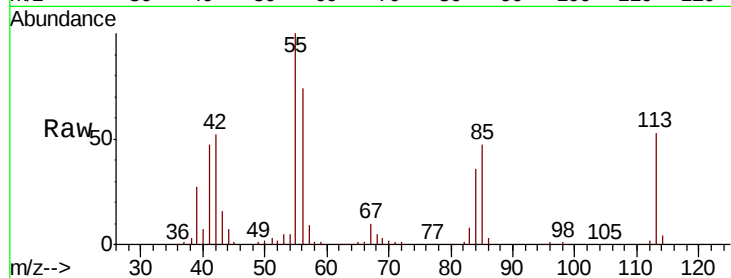
ClientSampleID :

PB131810BS

Tot Ion:	113	Resp:	127514
Ion Ratio	Lower	Upper	
113	100		
55	189.0	166.3	206.3
56	139.1	118.7	158.7

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#36

4-Chloro-3-methylphenol

Concen: 45.628 ng/mL

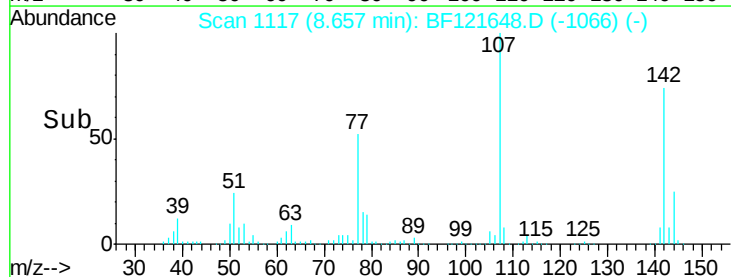
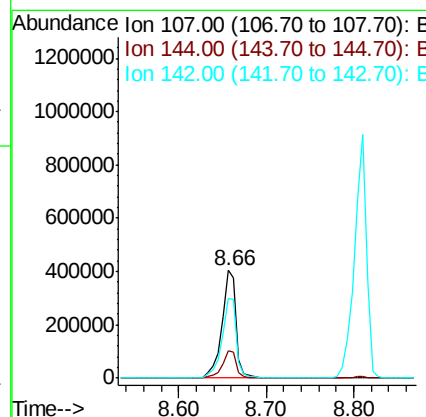
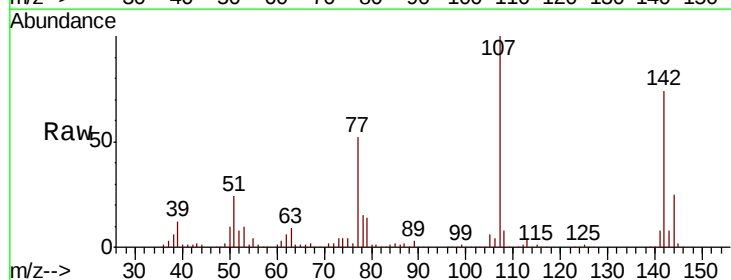
RT: 8.66 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	107	Resp:	455388
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.6	31.0
142	74.4	61.7	92.5





#37

2-Methylnaphthalene

Concen: 41.821 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

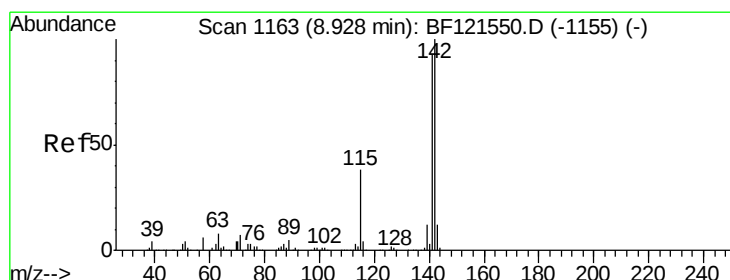
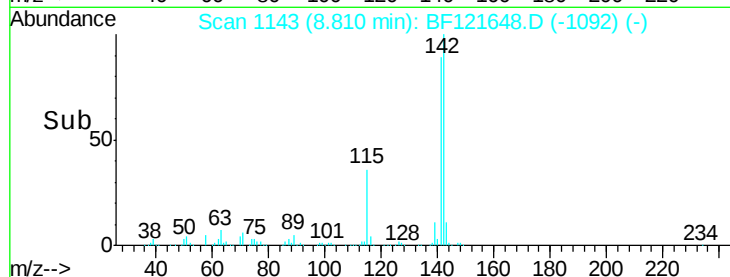
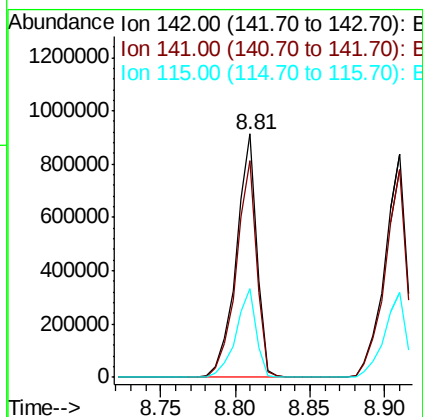
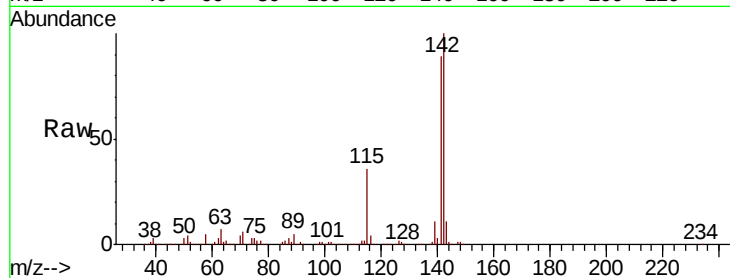
ClientSampleId :

PB131810BS

Tot Ion:	142	Resp:	879352
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.2	108.2
115	36.3	28.5	42.7

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#38

1-Methylnaphthalene

Concen: 42.278 ng

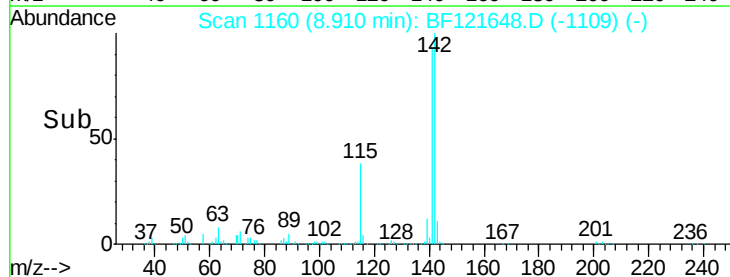
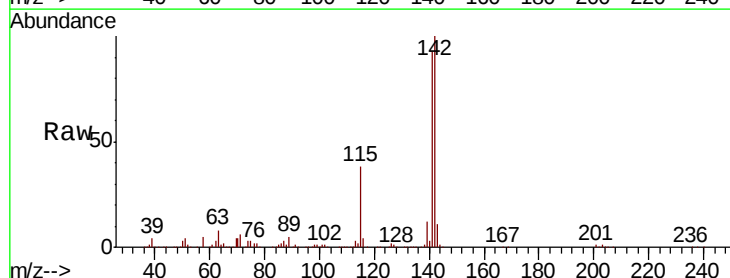
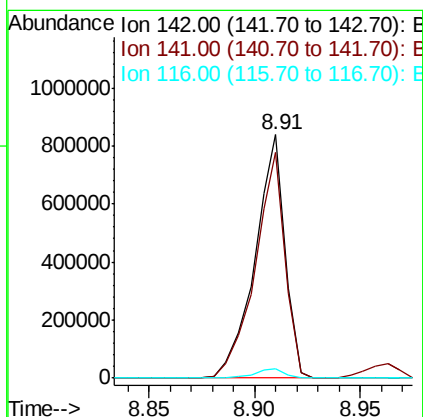
RT: 8.91 min Scan# 1160

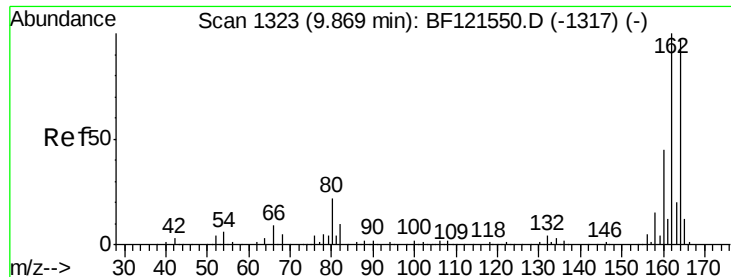
Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	142	Resp:	827332
Ion Ratio	Lower	Upper	
142	100		
141	92.7	73.8	110.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

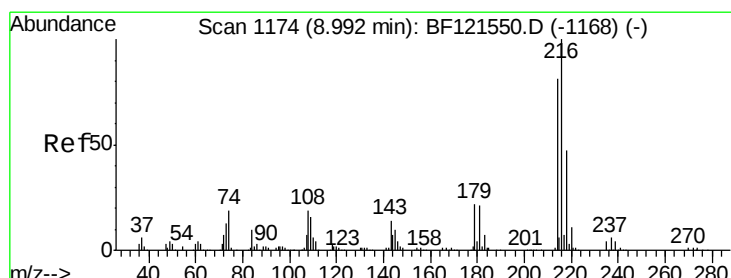
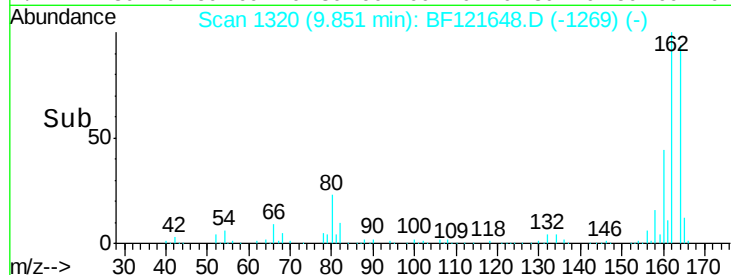
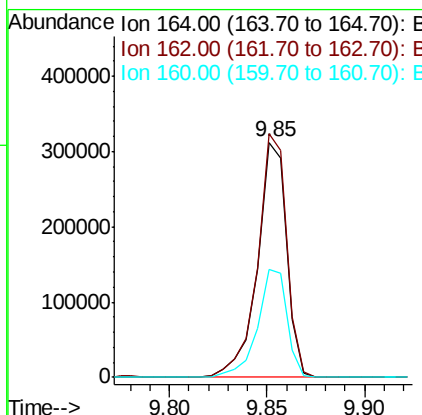
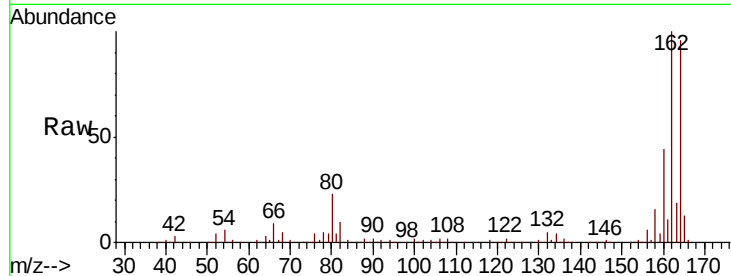
ClientSampleId :

PB131810BS

Tot Ion:	164	Resp:	323620
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.2	121.8
160	45.9	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.290 ng

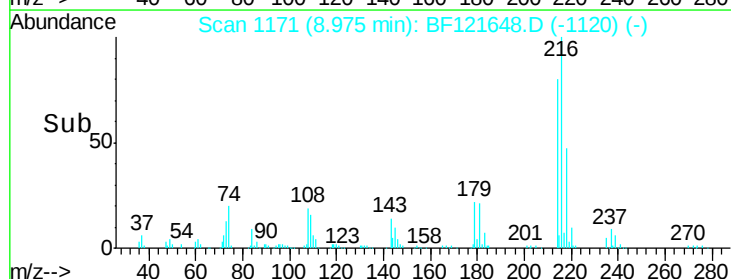
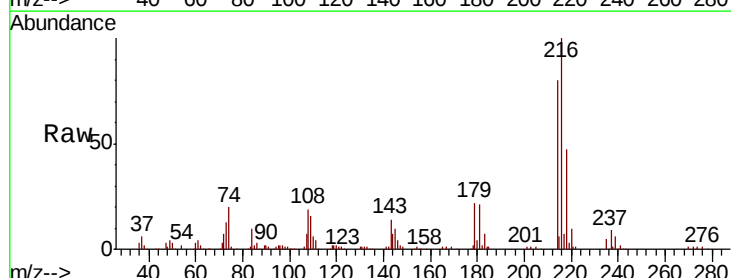
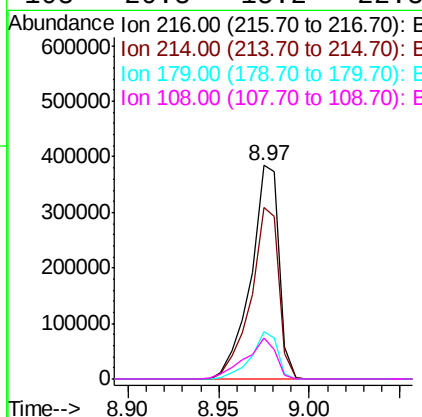
RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	216	Resp:	417396
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	21.0	16.6	24.8
108	20.8	15.2	22.8





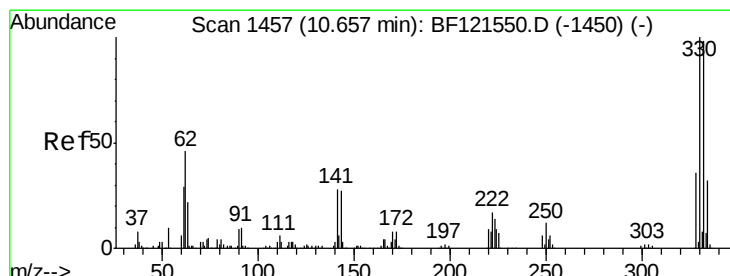
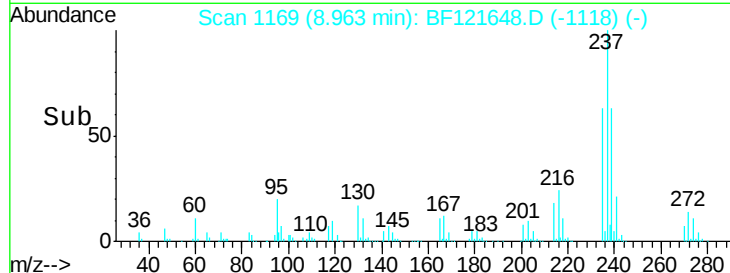
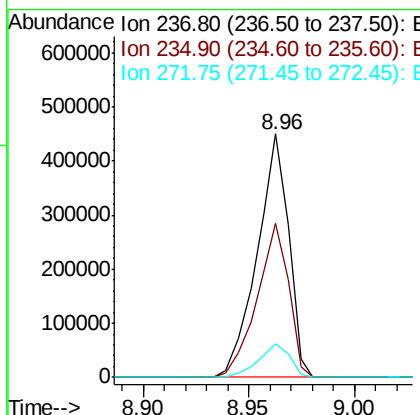
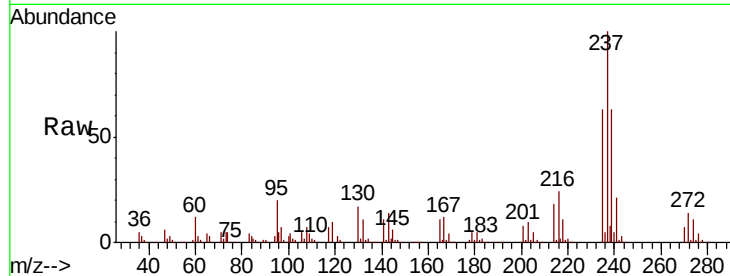
#41
Hexachlorocyclopentadiene
Concen: 80.930 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	467202		
235	63.2		43.4	83.4
272	13.8		0.0	34.1

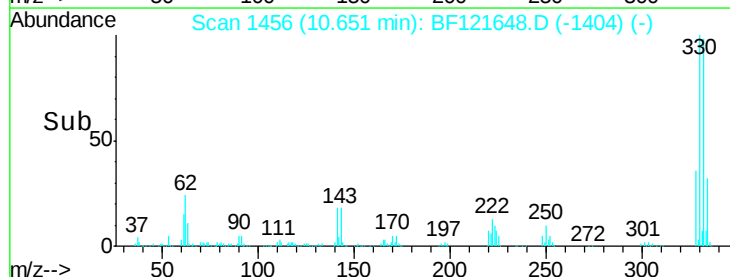
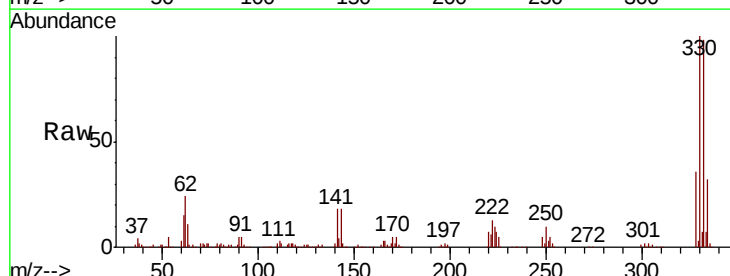
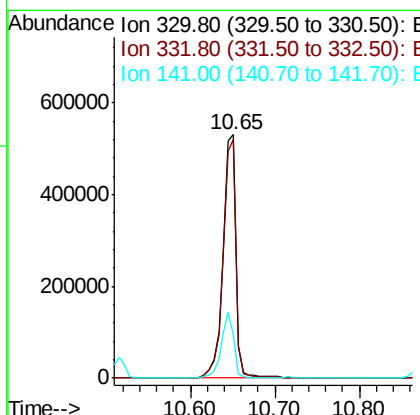
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#42
2,4,6-Tribromophenol
Concen: 140.646 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	565701		
332	97.2		76.9	115.3
141	26.5		22.4	33.6





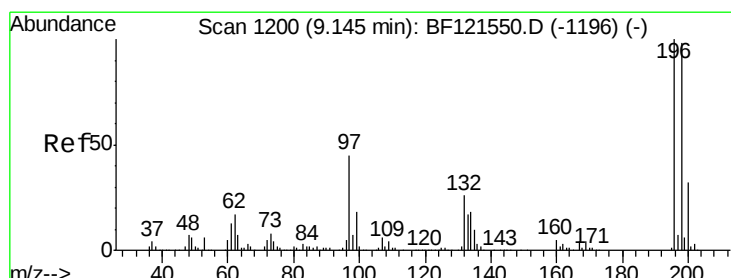
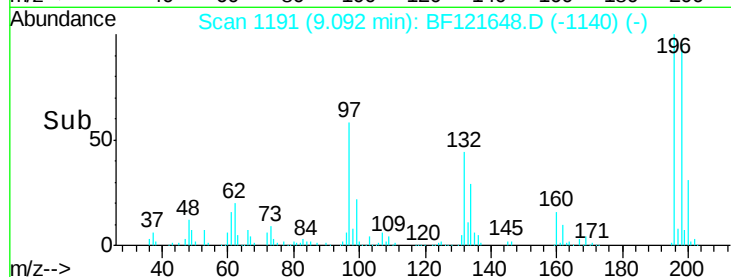
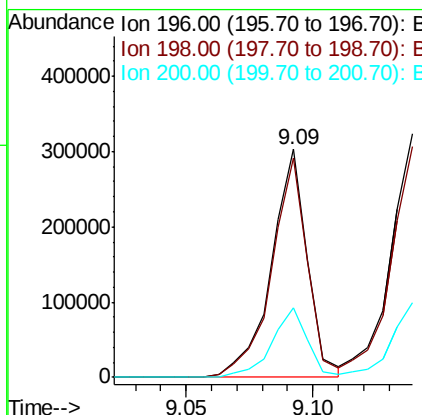
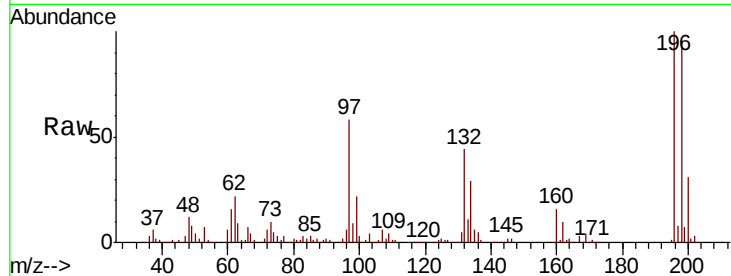
#43
2,4,6-Trichlorophenol
Concen: 43.631 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300635		
198	96.0		75.4	113.2
200	30.7		24.5	36.7

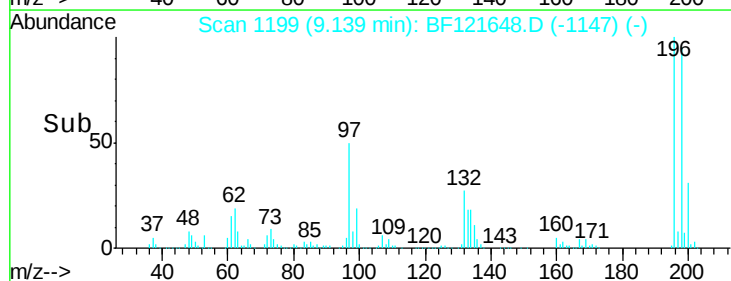
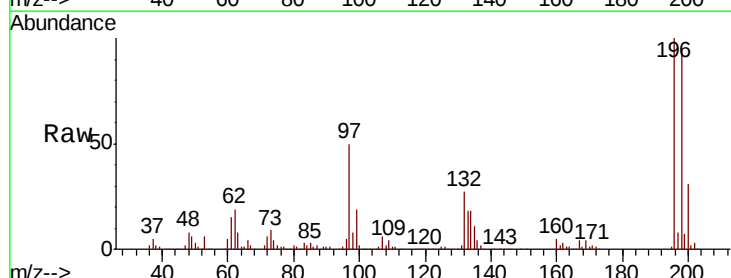
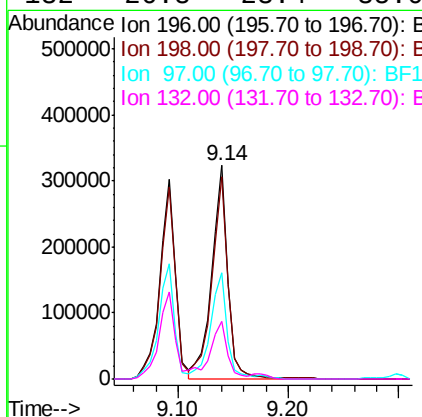
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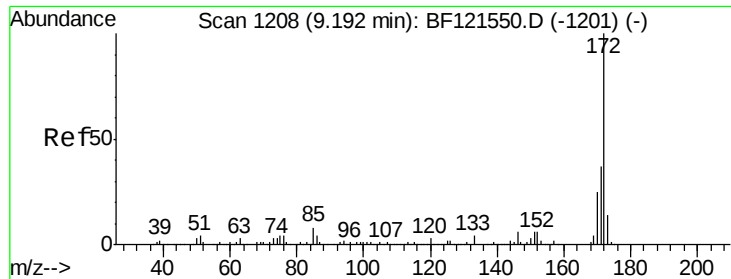
mohammad
9/23/2020 10:43:19 AM



#44
2,4,5-Trichlorophenol
Concen: 44.372 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323214		
198	94.6		74.3	111.5
97	49.7		44.2	66.2
132	26.8		23.4	35.0





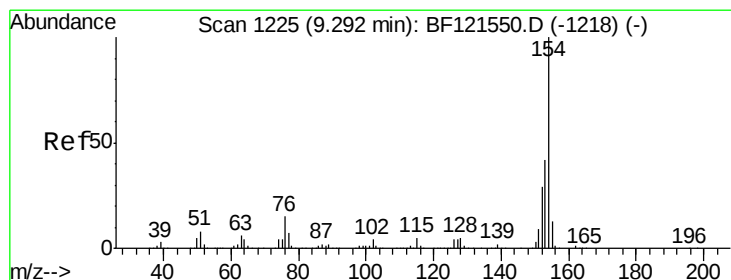
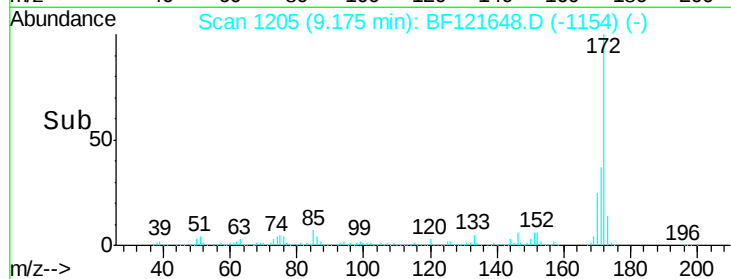
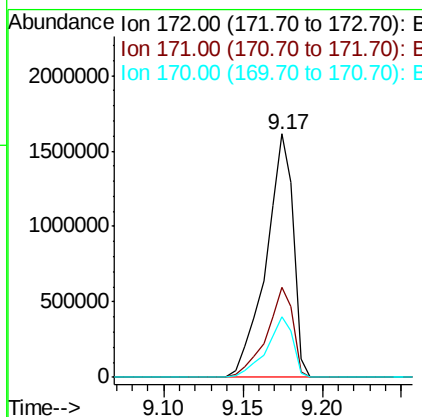
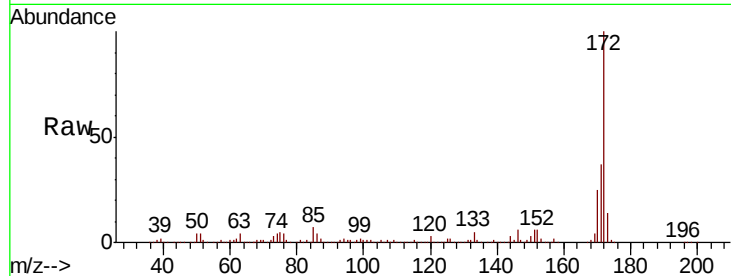
#45
2-Fluorobiphenyl
Concen: 90.354 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.9	19.5	29.3

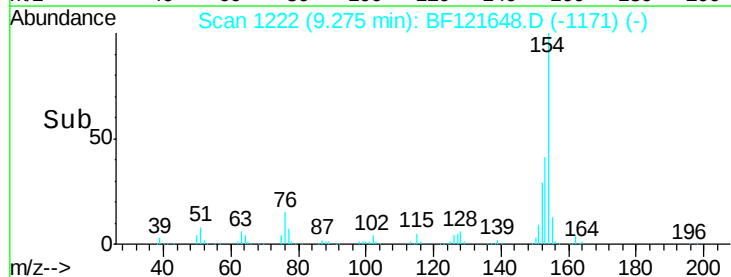
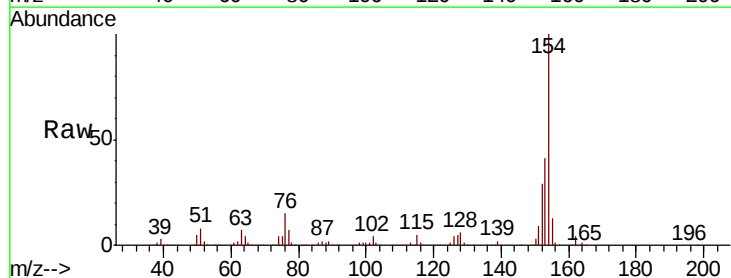
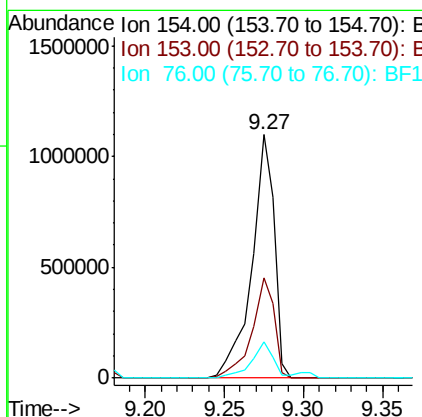
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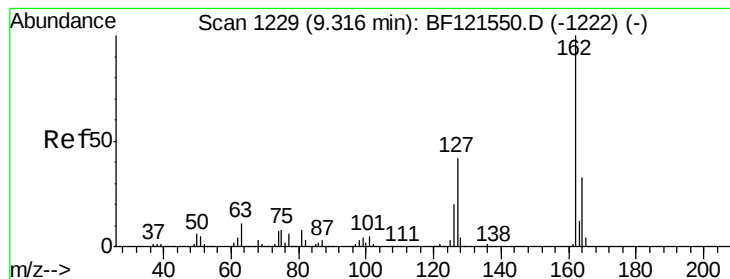
mohammad
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#46
1,1'-Biphenyl
Concen: 41.634 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.1	61.1
76	14.8	0.0	34.1





#47

2-Chloronaphthalene

Concen: 41.480 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

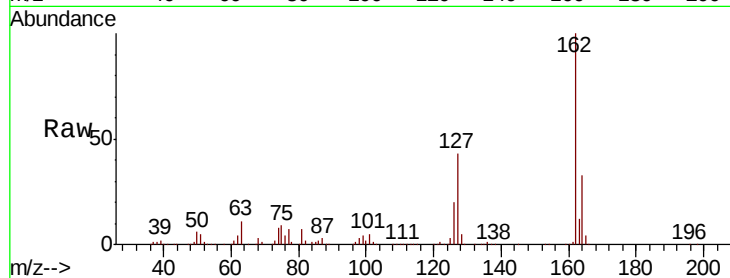
ClientSampleId :

PB131810BS

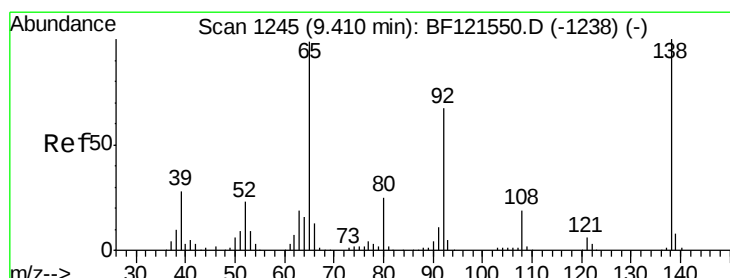
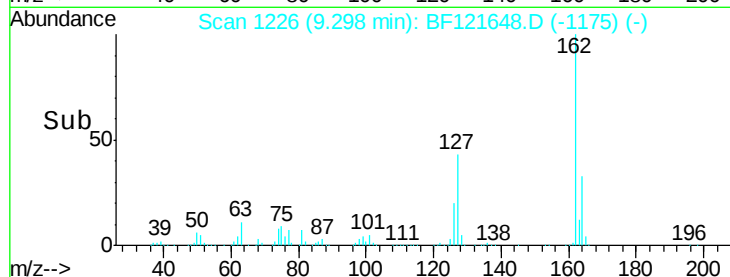
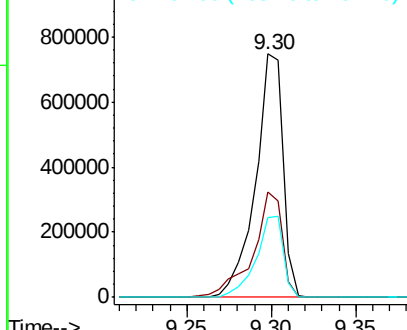
Tot Ion:	162	Resp:	846854
Ion Ratio	Lower	Upper	
162	100		
127	43.4	34.2	51.4
164	33.0	27.0	40.4

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Abundance Ion 162.00 (161.70 to 162.70): E
1000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.613 ng

RT: 9.40 min Scan# 1243

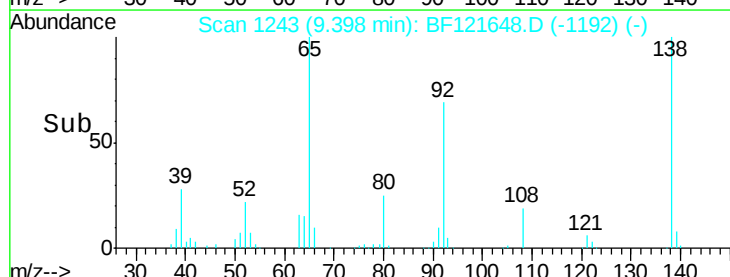
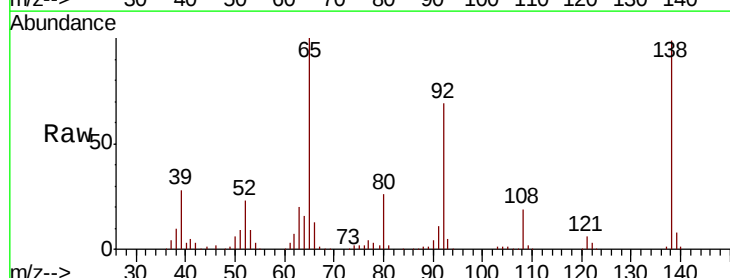
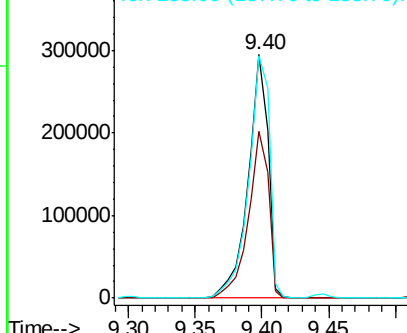
Delta R.T. 0.00 min

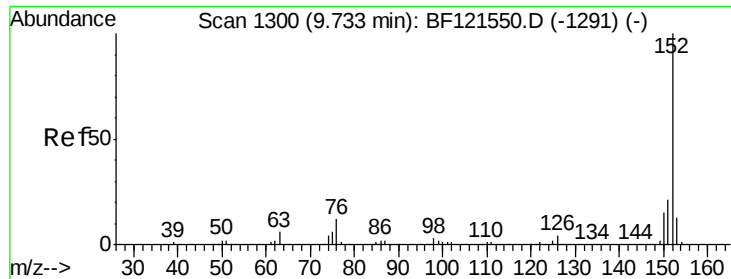
Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	65	Resp:	302074
Ion Ratio	Lower	Upper	
65	100		
92	68.7	56.0	84.0
138	99.3	84.7	127.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
400000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.838 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

Tot Ion:152 Resp: 1343765

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

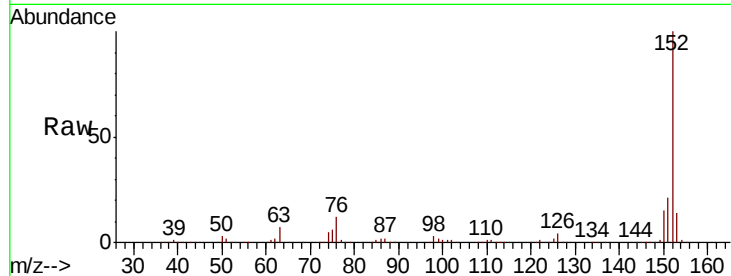
153 13.7 10.7 16.1

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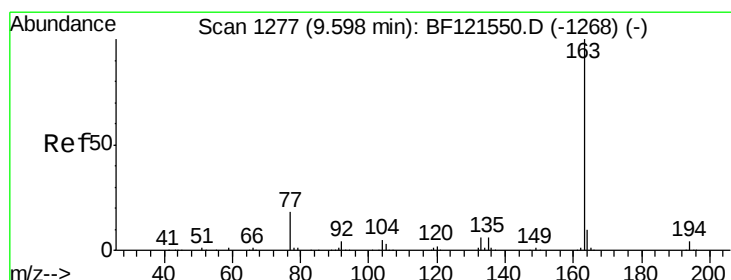
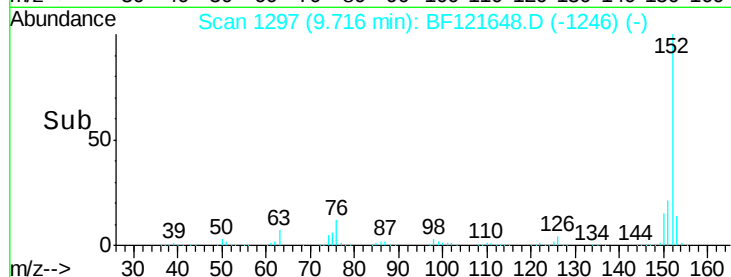
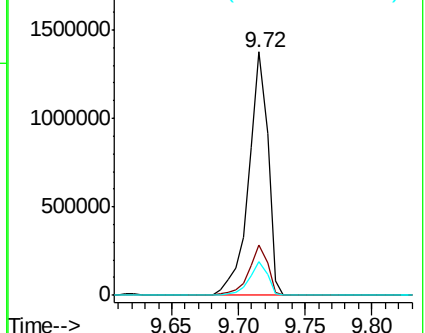
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.999 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

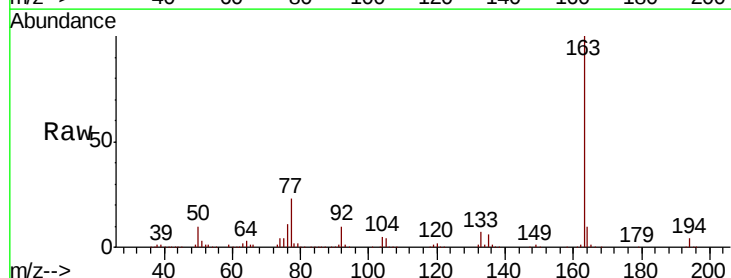
Tgt Ion:163 Resp: 1055483

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

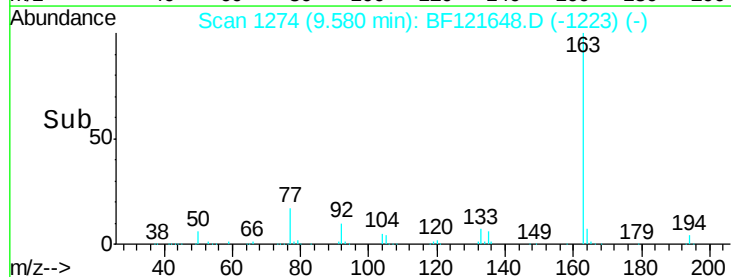
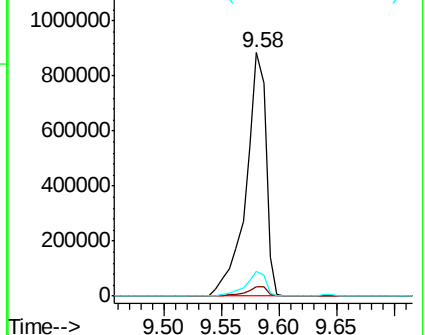
164 10.4 8.0 12.0

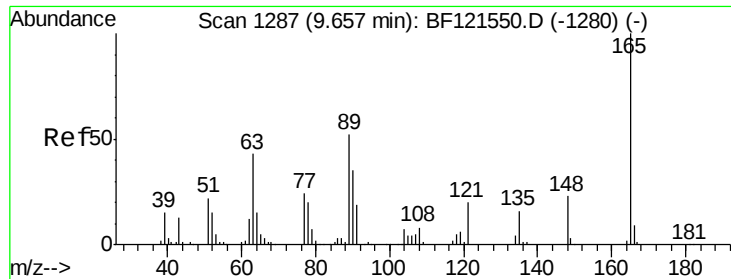


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





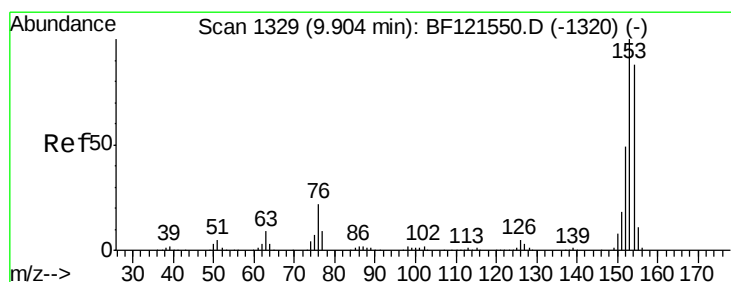
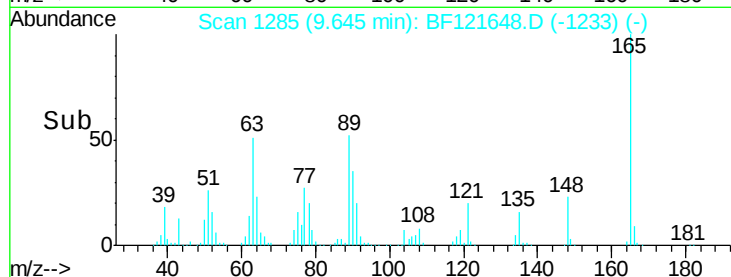
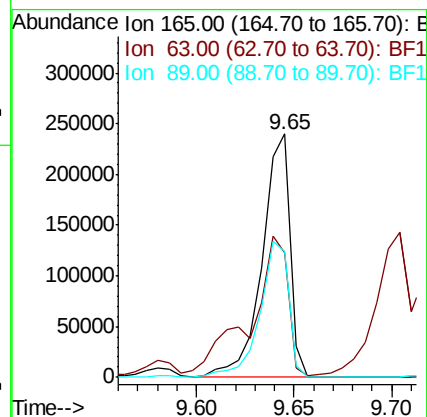
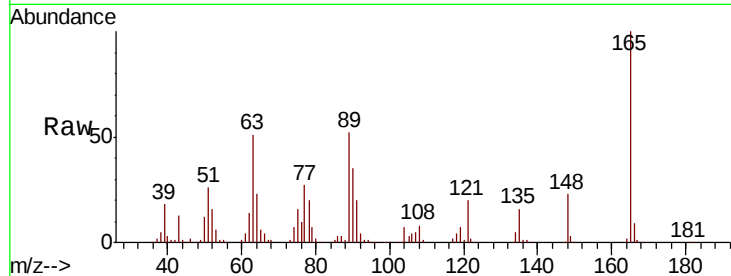
#51
 2,6-Dinitrotoluene
 Concen: 47.751 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.2	47.6	71.4	
89	51.9	46.0	69.0	

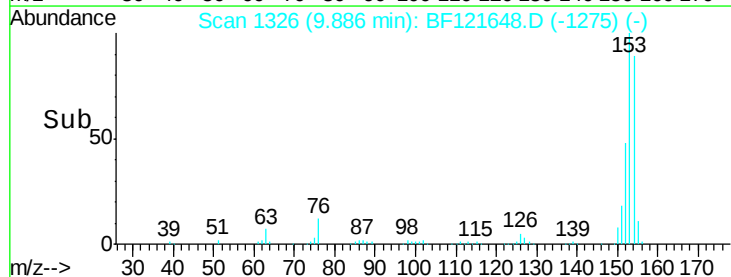
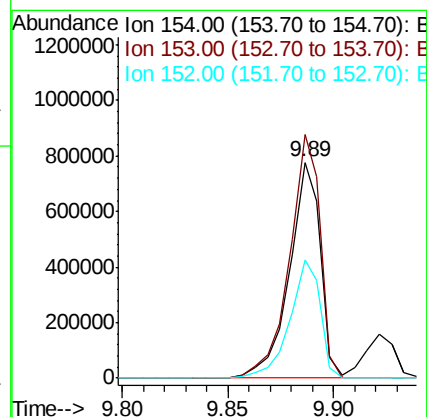
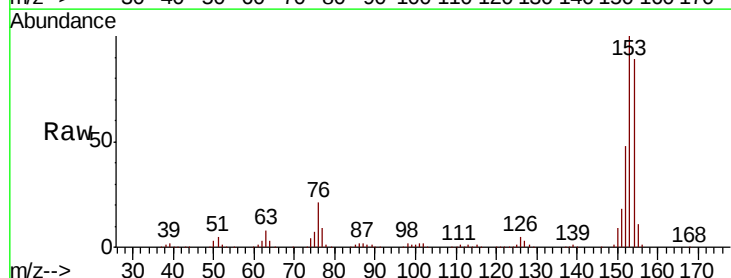
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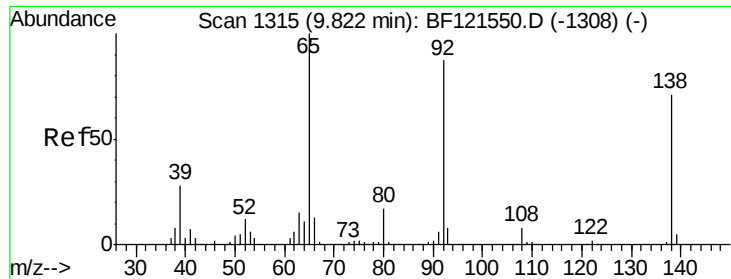
mohammad
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#52
 Acenaphthene
 Concen: 40.065 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.9	89.9	134.9	
152	54.7	43.8	65.6	





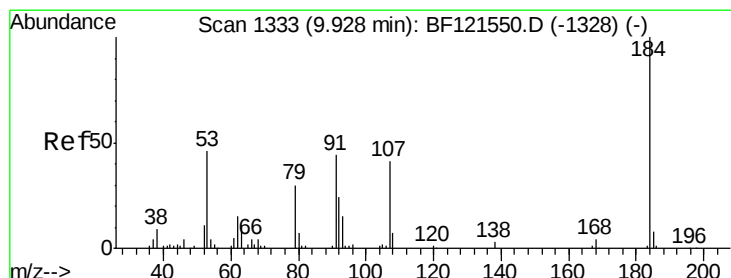
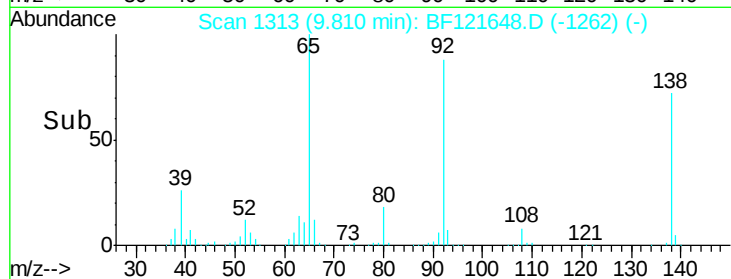
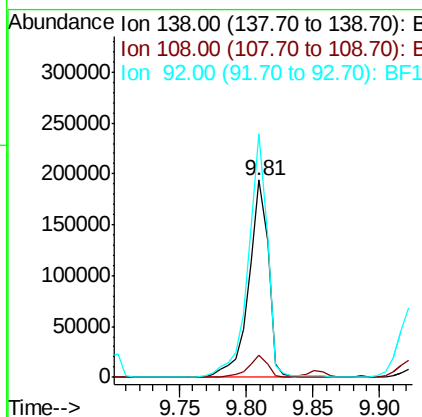
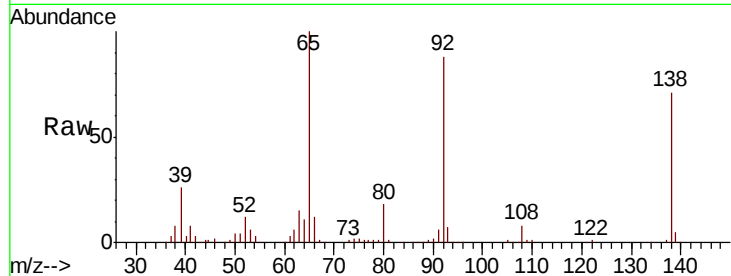
#53
3-Nitroaniline
Concen: 33.548 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	123.6	96.5	144.7

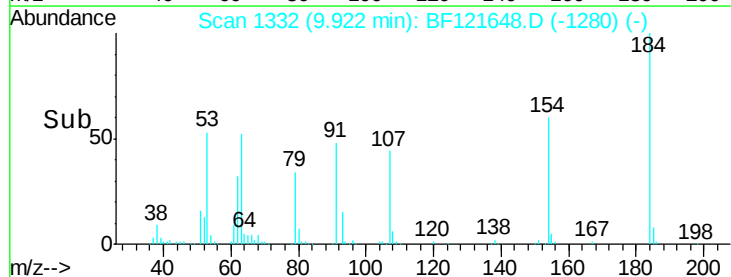
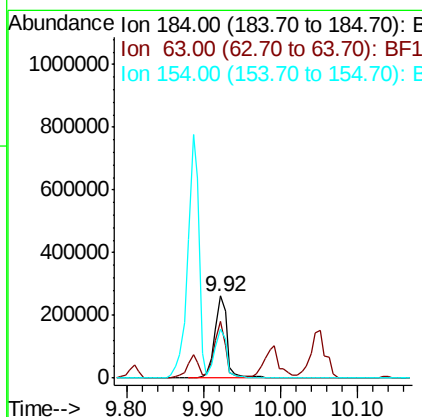
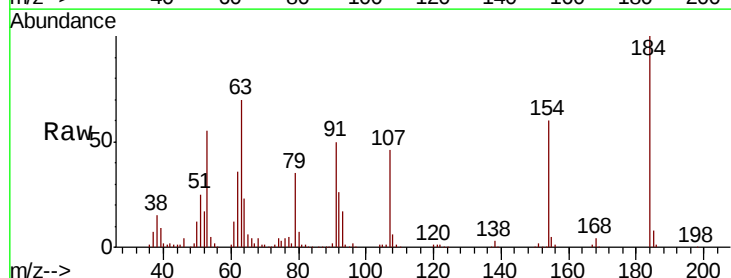
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#54
2,4-Dinitrophenol
Concen: 97.089 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	51.5	77.3
154	60.1	46.6	70.0





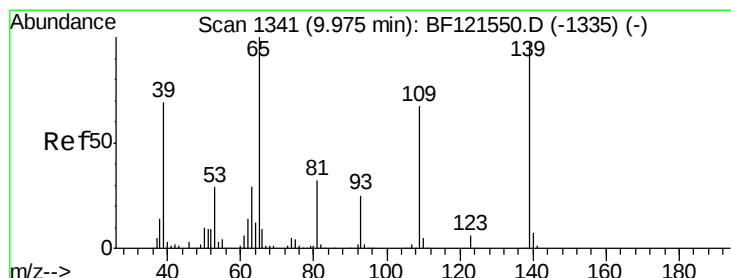
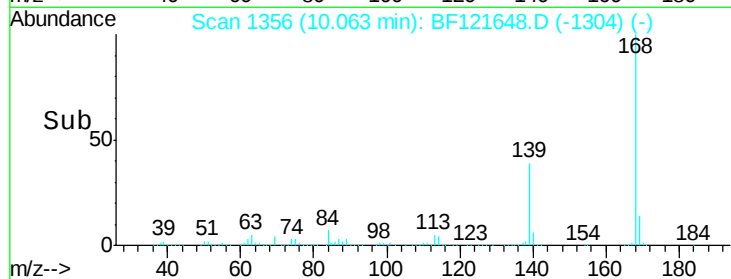
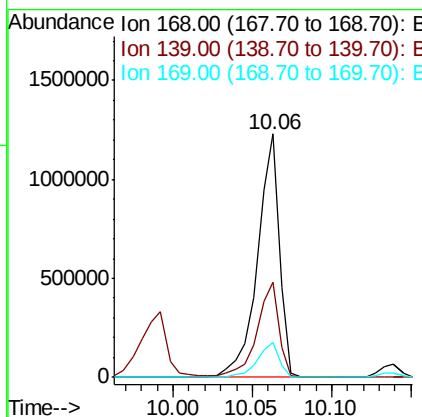
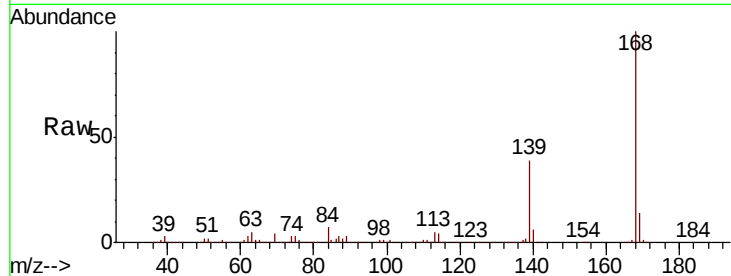
#55
Dibenzofuran
Concen: 42.546 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.8	47.8
169	14.4	11.6	17.4

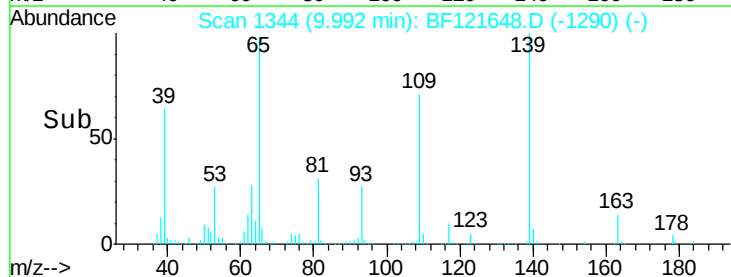
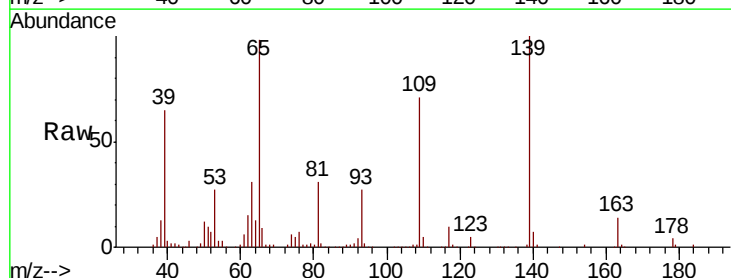
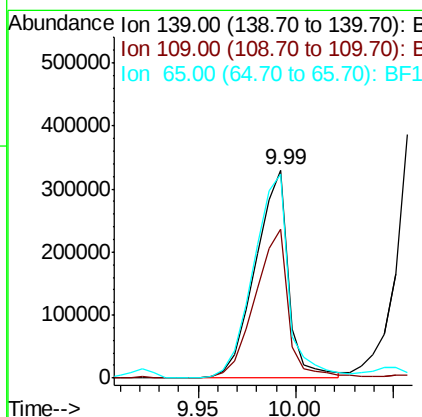
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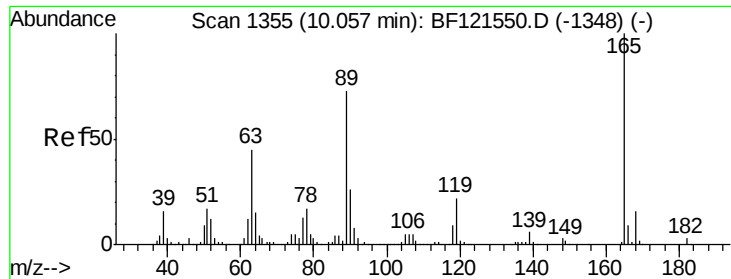
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#56
4-Nitrophenol
Concen: 84.332 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	48.1	88.1
65	98.3	74.7	114.7





#57

2,4-Dinitrotoluene

Concen: 50.267 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

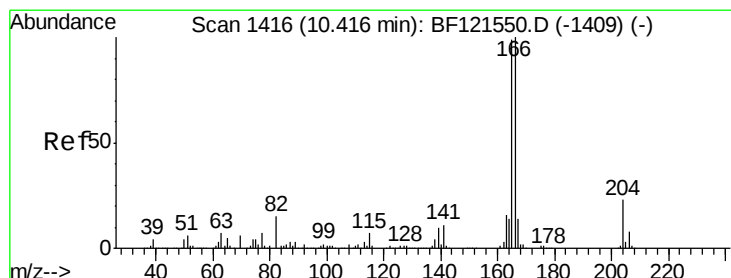
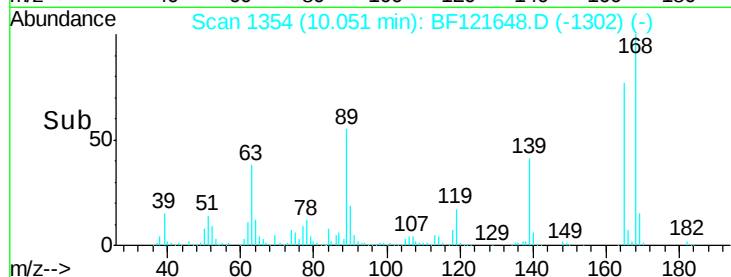
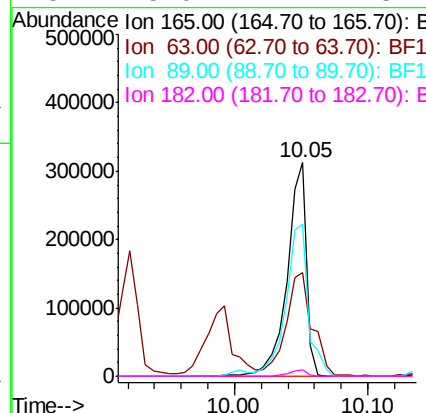
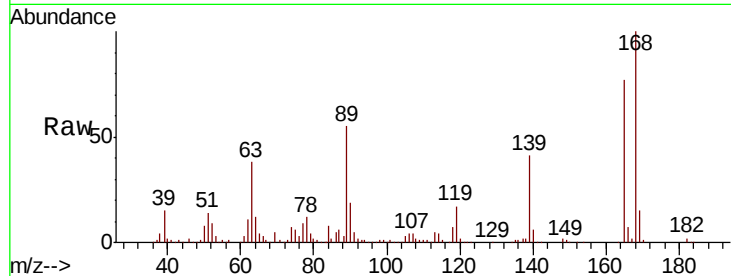
ClientSampleId :

PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	315893		
63	48.5	36.7	55.1	
89	71.3	57.7	86.5	
182	3.0	2.1	3.1	

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#58

Fluorene

Concen: 43.446 ng

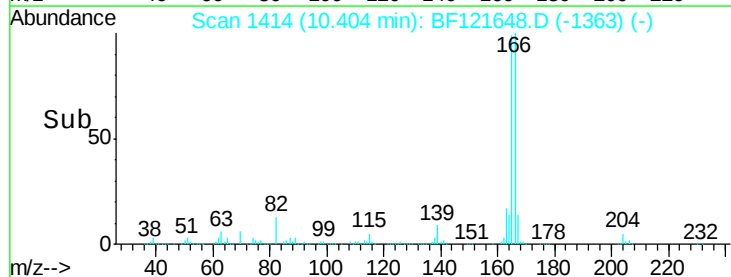
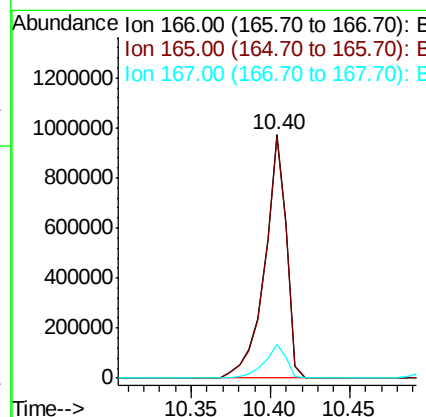
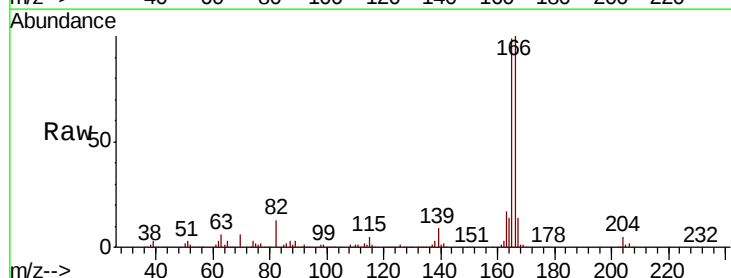
RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	927026		
165	99.2	80.1	120.1	
167	13.7	10.8	16.2	





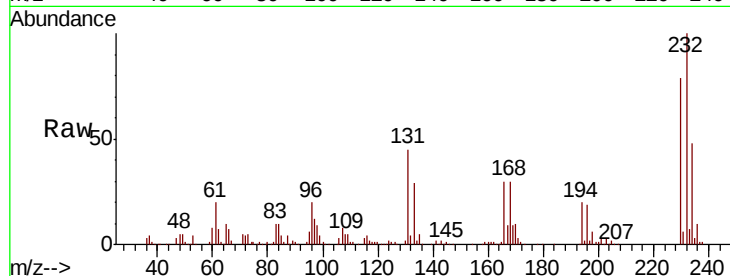
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.117 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

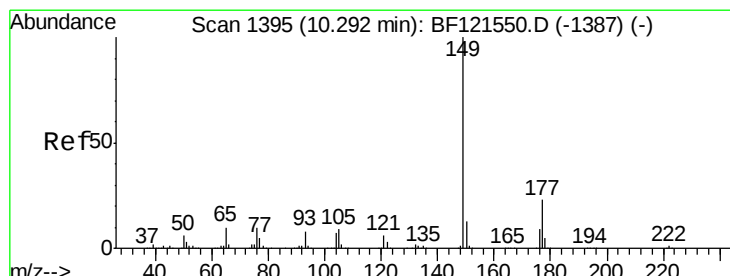
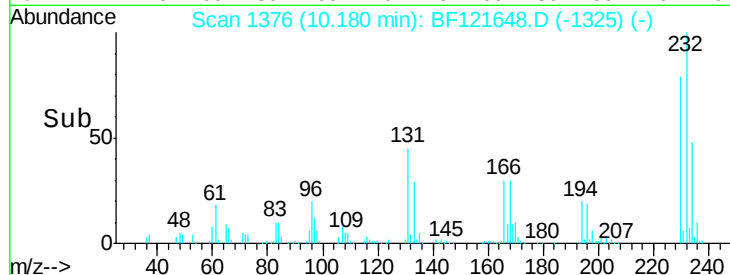
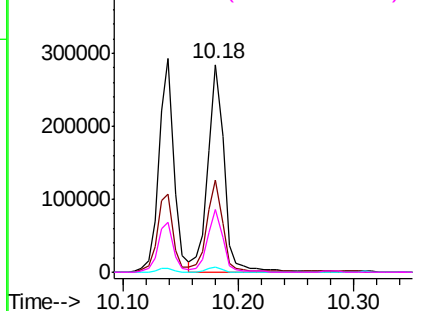
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.1	52.7
130	2.2	1.6	2.4
166	28.5	23.3	34.9

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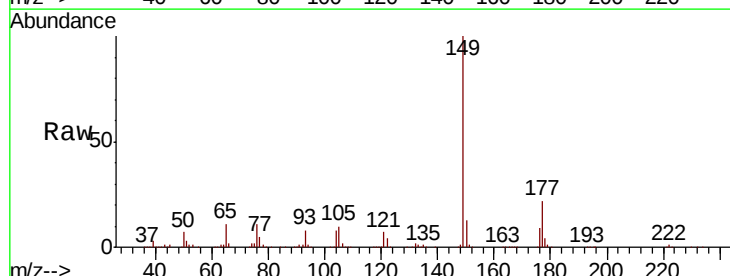


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

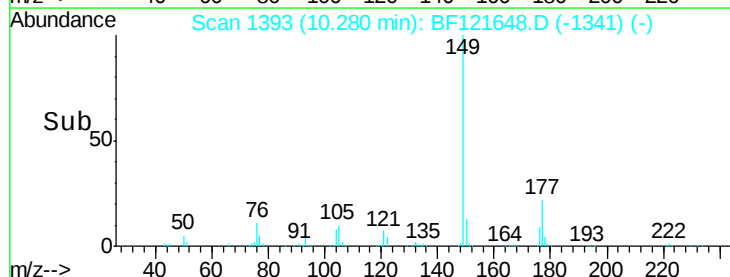
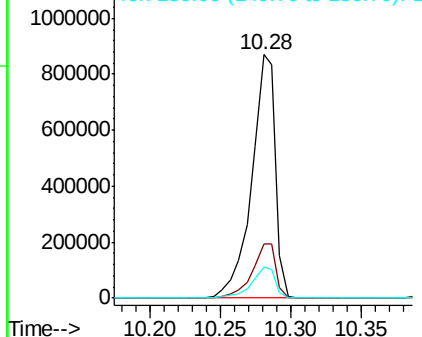


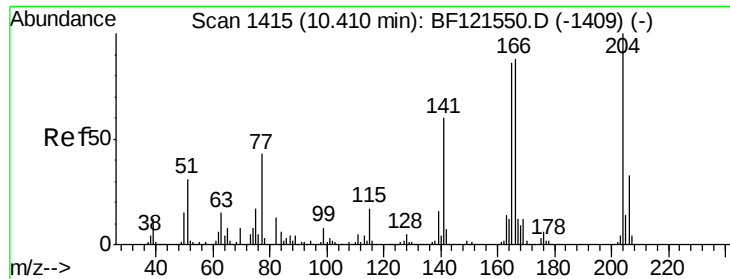
#60
 Diethylphthalate
 Concen: 44.816 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.9	9.8	14.8



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





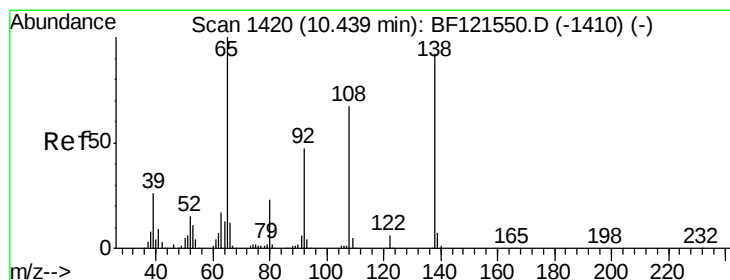
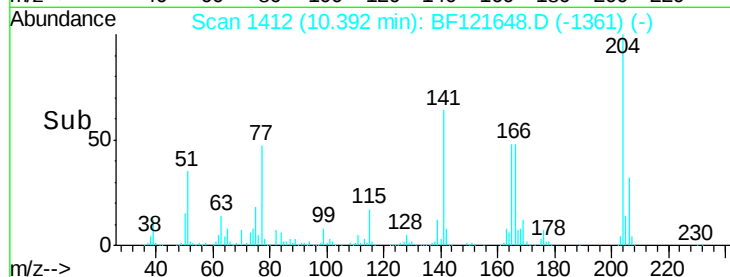
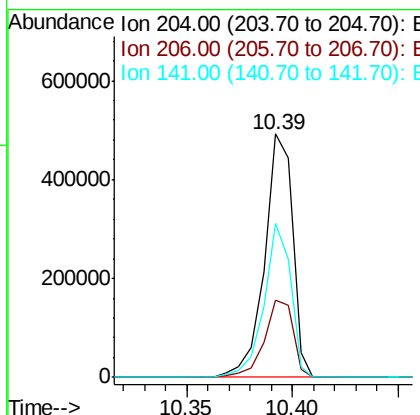
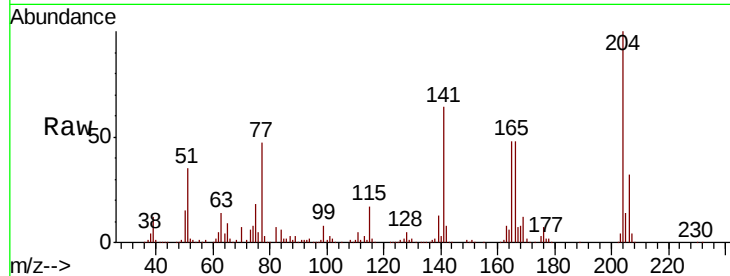
#61
4-Chlorophenyl-phenylether
Concen: 44.650 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.7	40.1
141	63.5	50.4	75.6

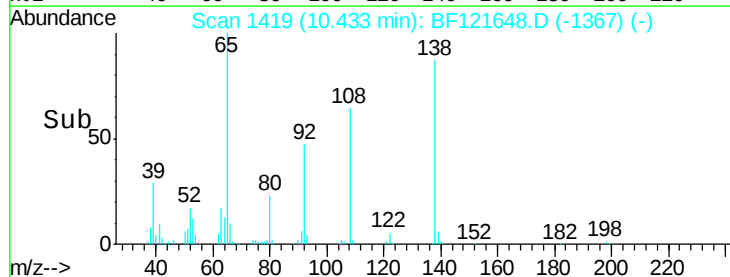
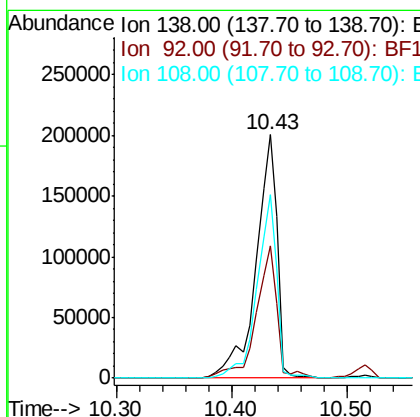
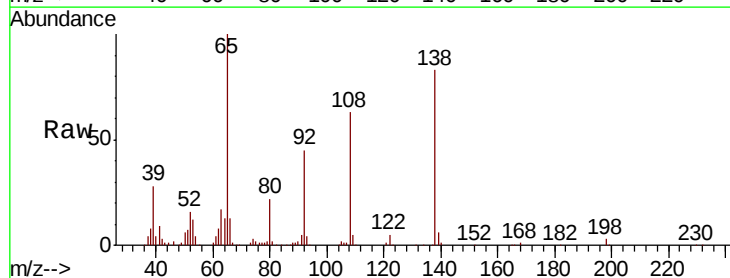
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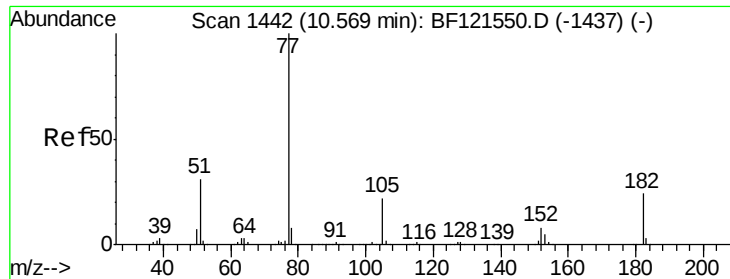
mohammad
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#62
4-Nitroaniline
Concen: 44.922 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	34.8	74.8
108	75.2	55.5	95.5





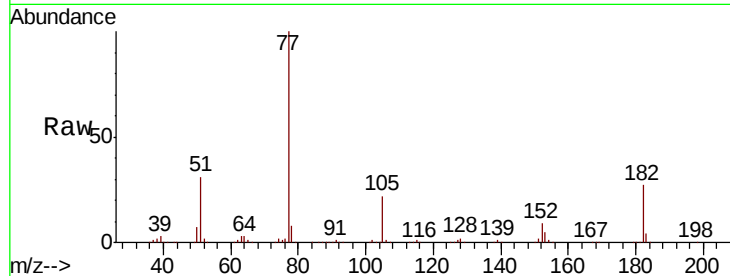
#63
Azobenzene
Concen: 42.349 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	6.8	46.8	
105	22.1	2.2	42.2	
51	31.0	10.7	50.7	

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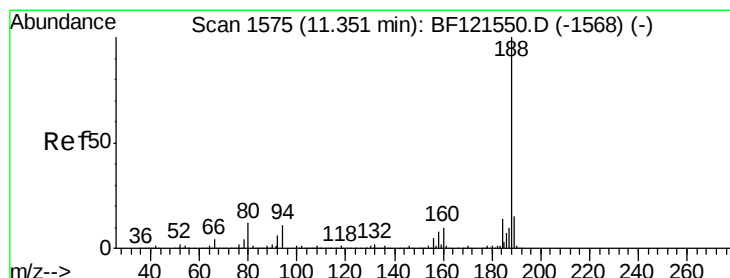
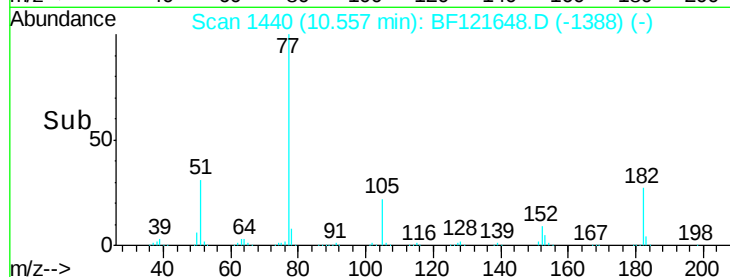
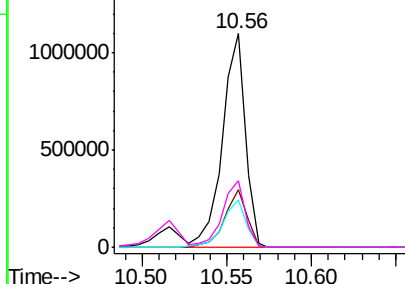


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



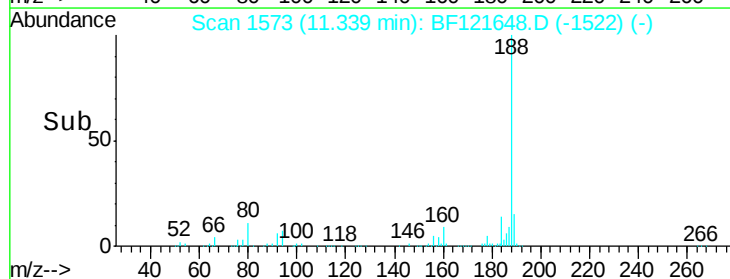
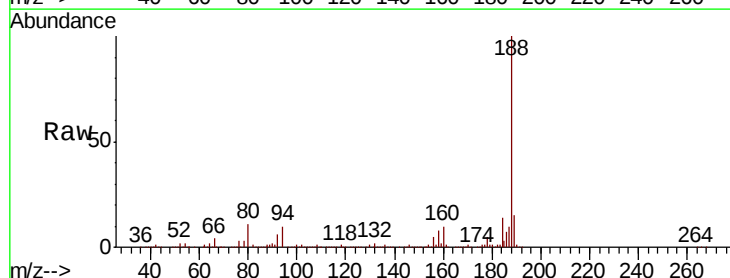
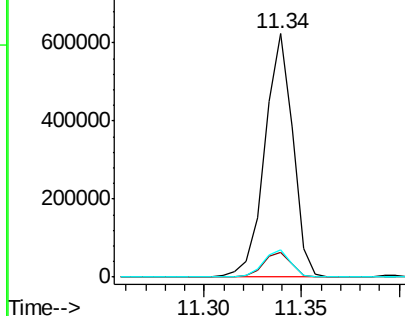
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

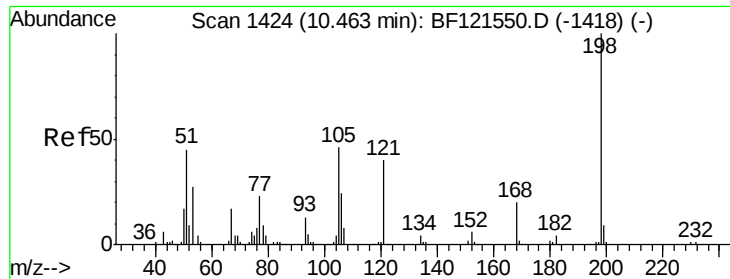
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.4	12.6	
80	11.5	9.0	13.4	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





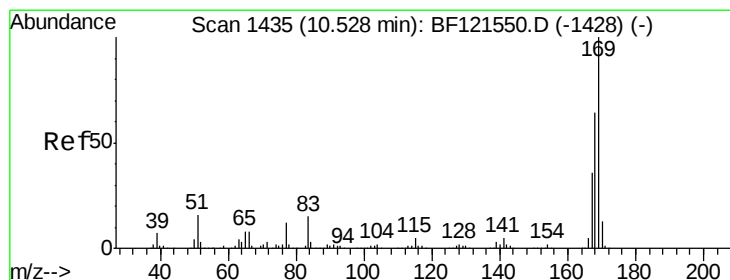
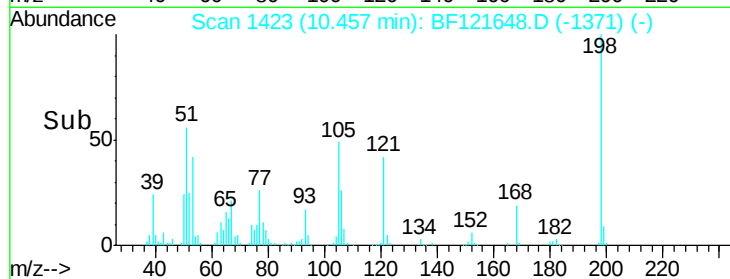
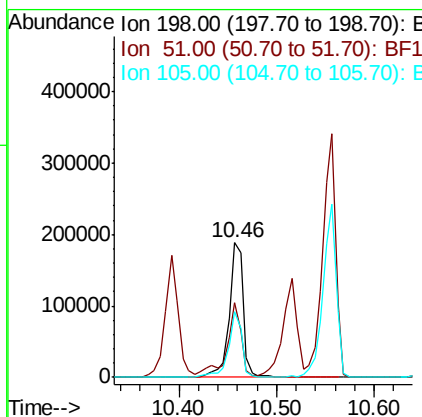
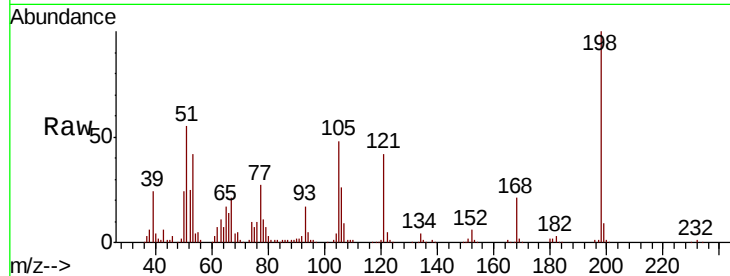
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.583 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	188962		
51	55.5	20.3	60.3	
105	48.5	20.2	60.2	

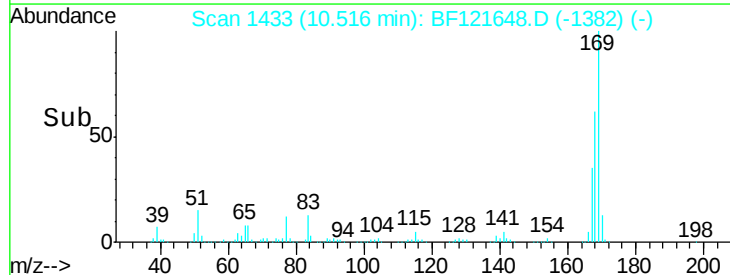
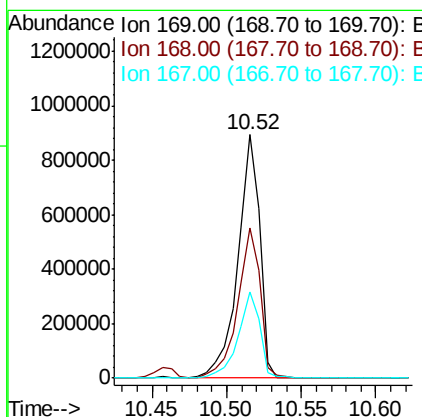
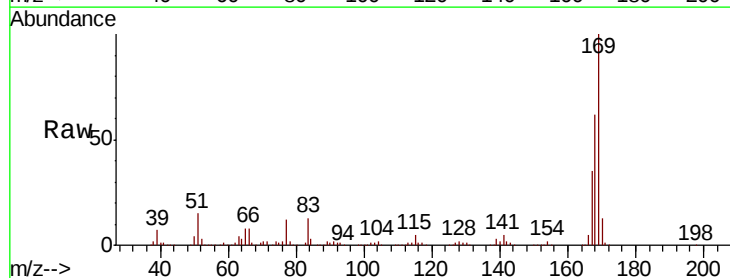
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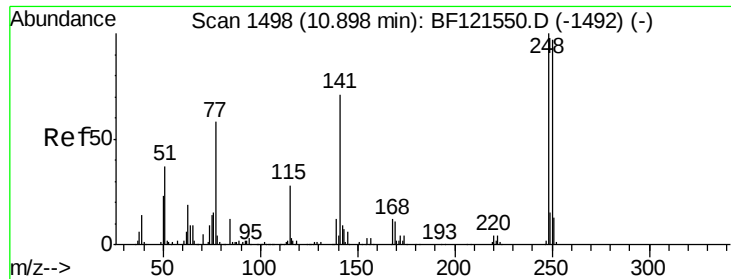
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#66
 n-Nitrosodiphenylamine
 Concen: 42.954 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	910384		
168	61.8	51.8	77.8	
167	35.3	28.4	42.6	





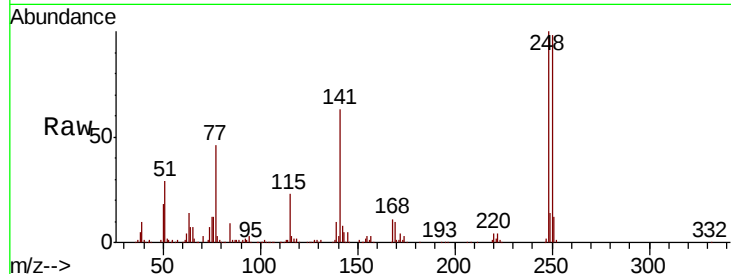
#67
4-Bromophenyl-phenylether
Concen: 44.442 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

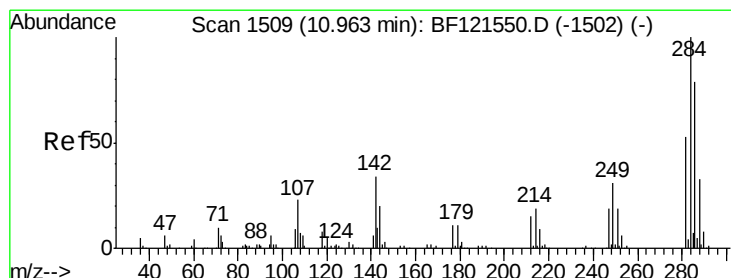
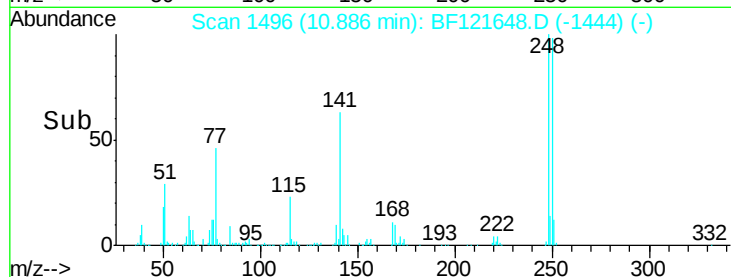
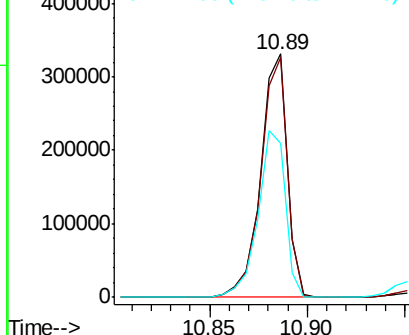
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.0
141	63.0	52.2	78.4

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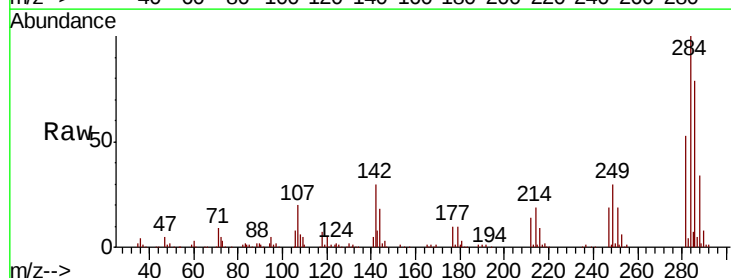


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

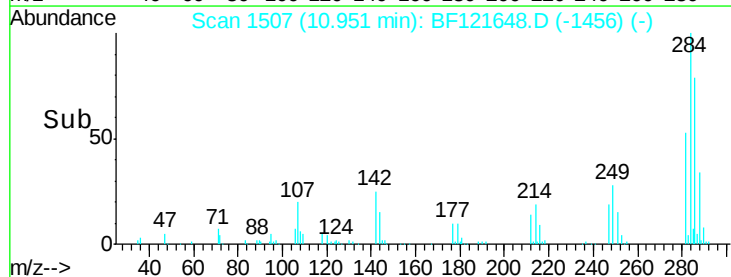
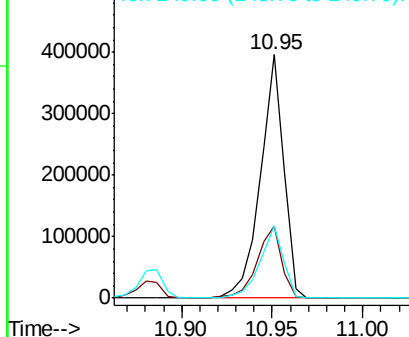


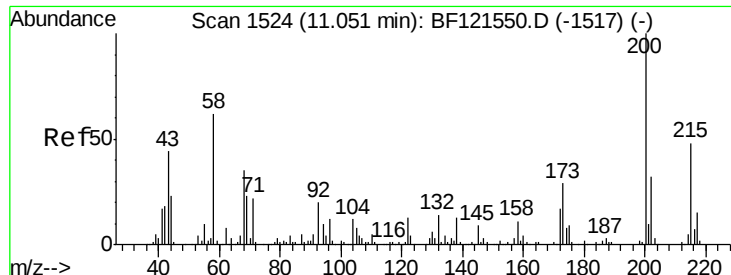
#68
Hexachlorobenzene
Concen: 44.786 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	24.0	36.0
249	29.8	23.9	35.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





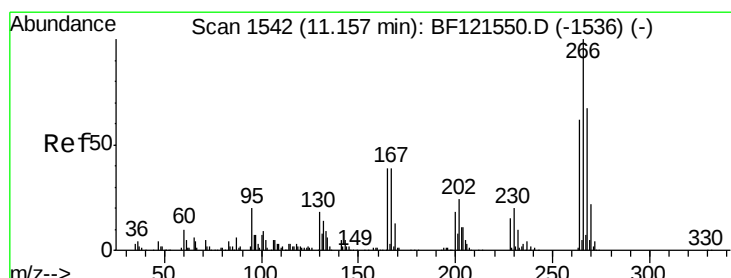
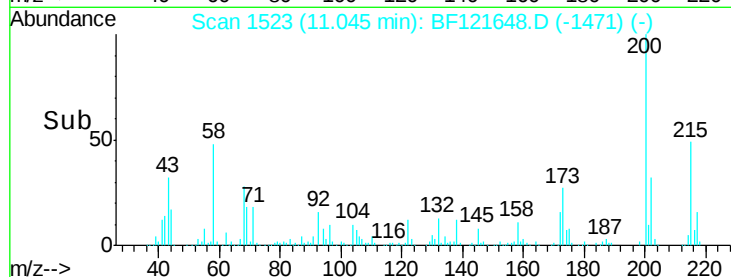
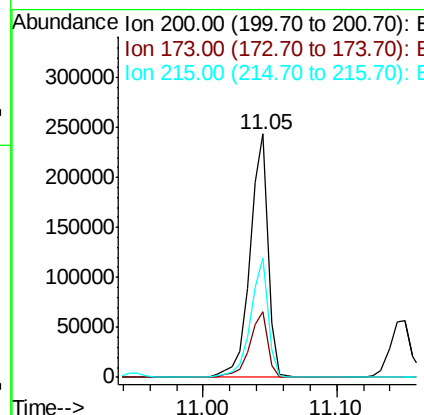
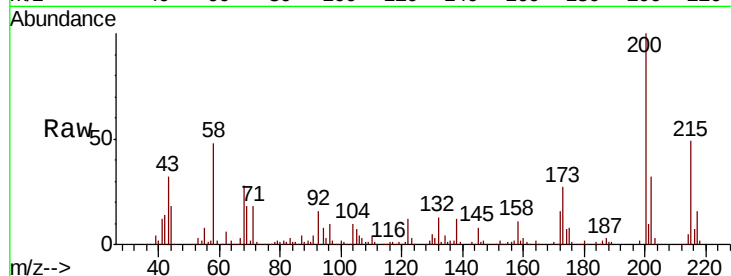
#69
Atrazine
Concen: 42.687 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.0	46.0
215	49.1	28.4	68.4

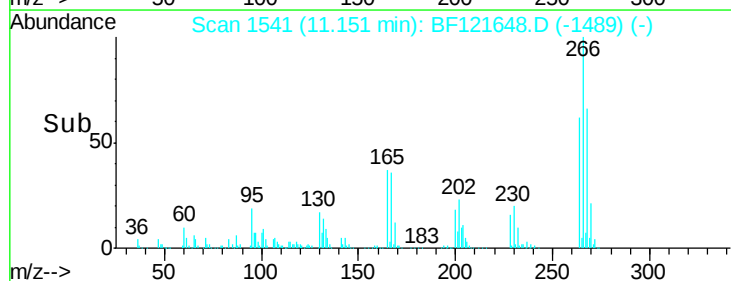
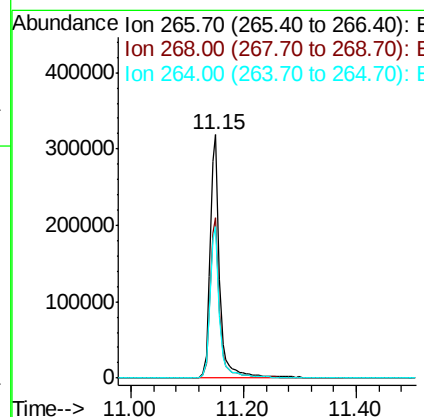
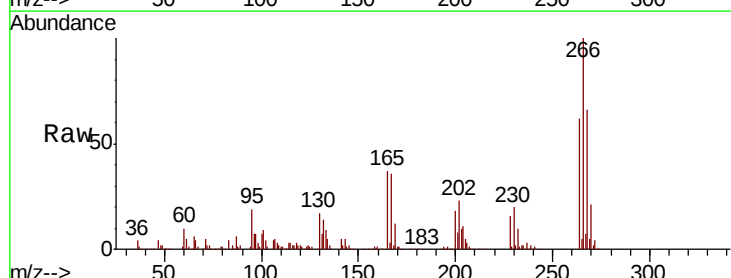
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#70
Pentachlorophenol
Concen: 87.549 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	54.6	81.8
264	62.1	51.1	76.7





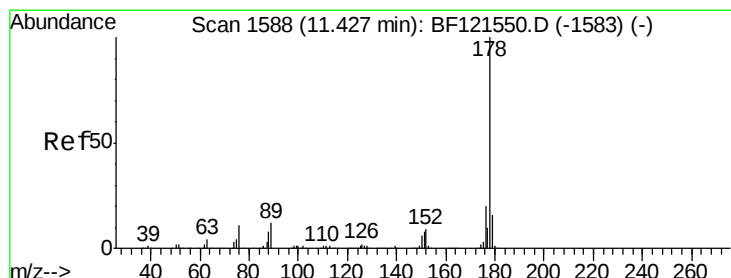
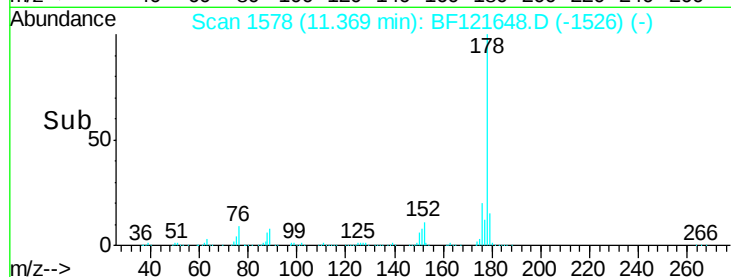
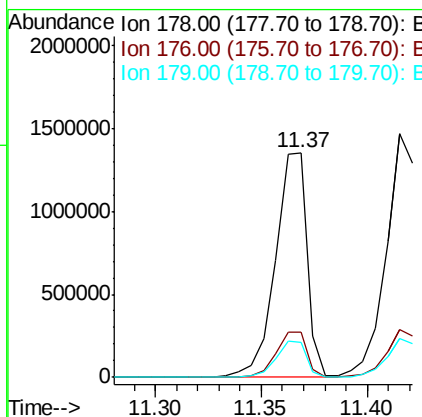
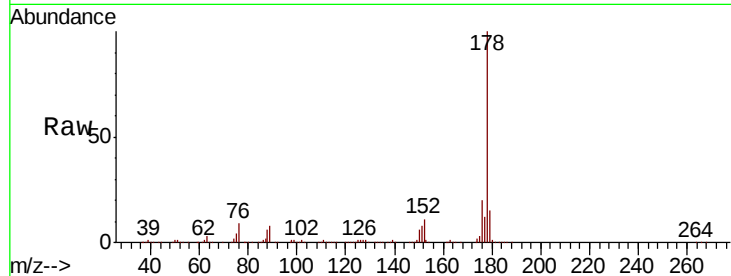
#71
Phenanthrene
Concen: 42.262 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:178 Resp: 1422482
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.5 12.6 18.8

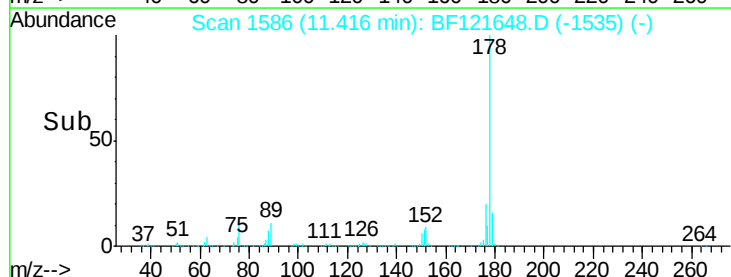
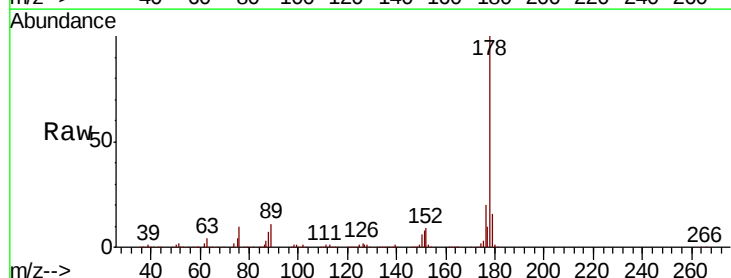
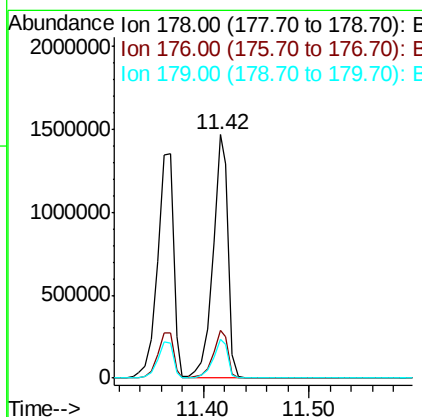
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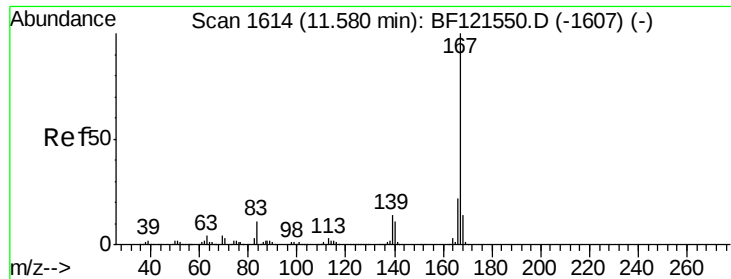
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#72
Anthracene
Concen: 42.510 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:178 Resp: 1476558
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.6 19.0





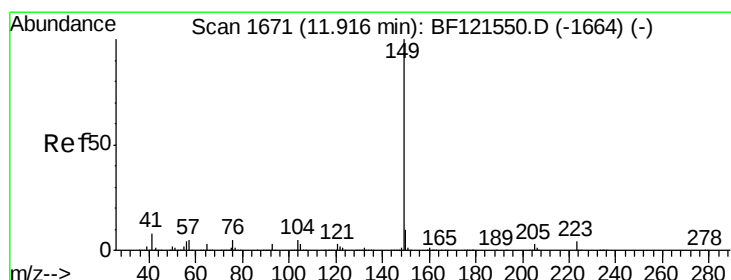
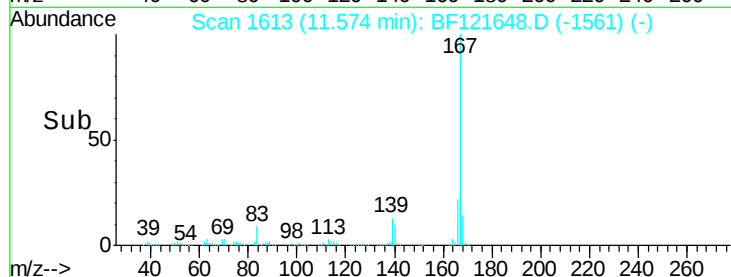
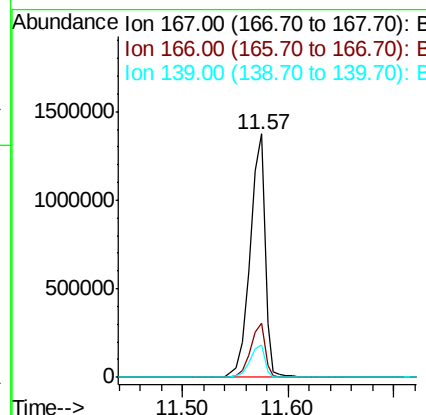
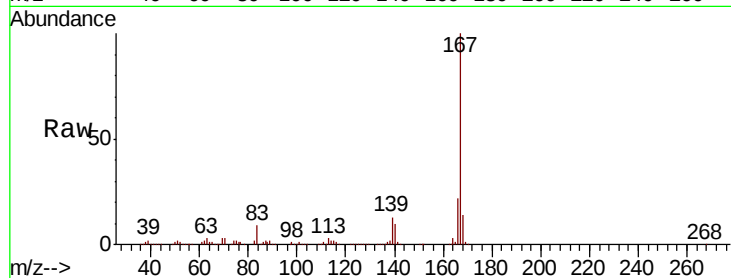
#73
 Carbazole
 Concen: 42.758 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.4	10.9	16.3

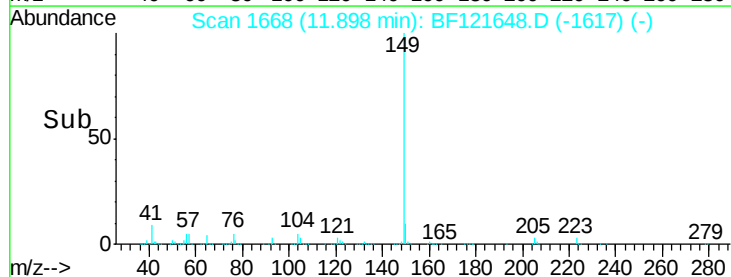
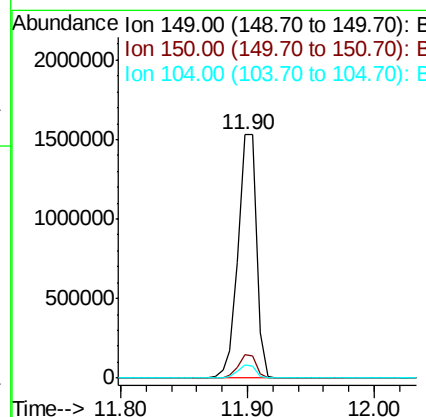
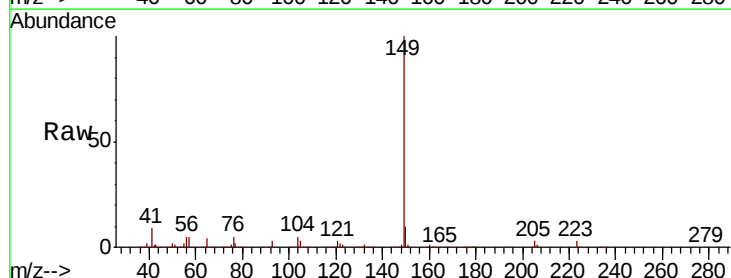
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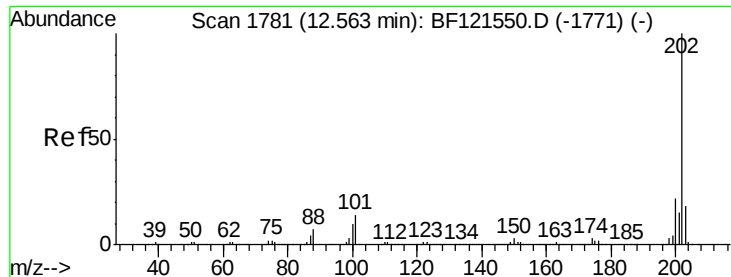
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#74
 Di-n-butylphthalate
 Concen: 42.264 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	5.4	4.2	6.2





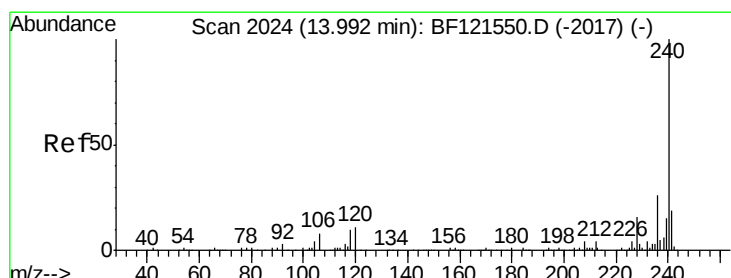
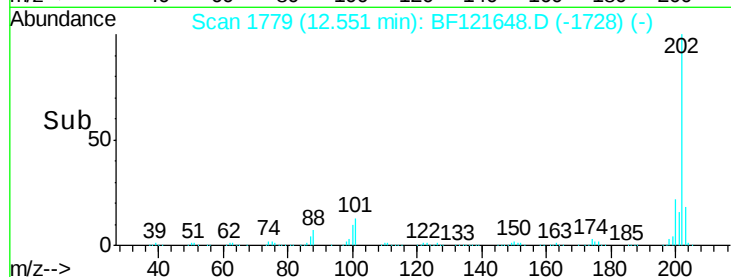
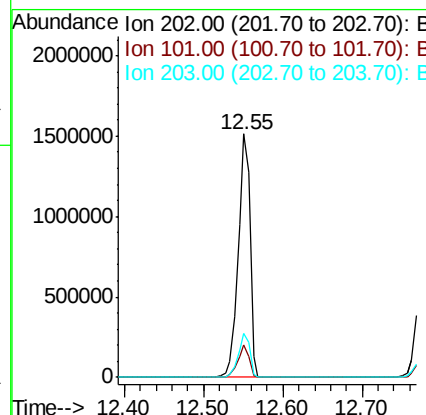
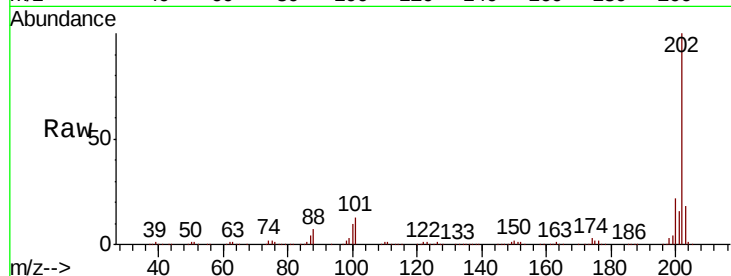
#75
 Fluoranthene
 Concen: 43.301 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1555809		
101	13.1		0.0	31.9
203	18.2		0.0	37.8

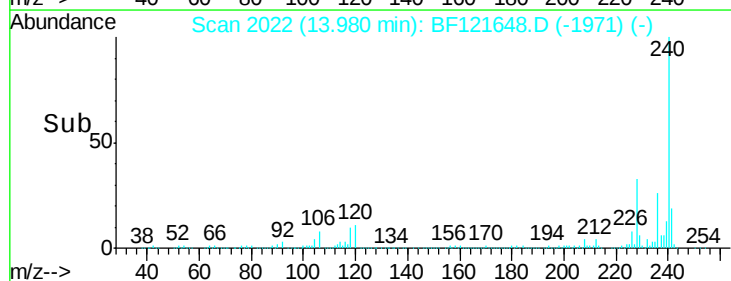
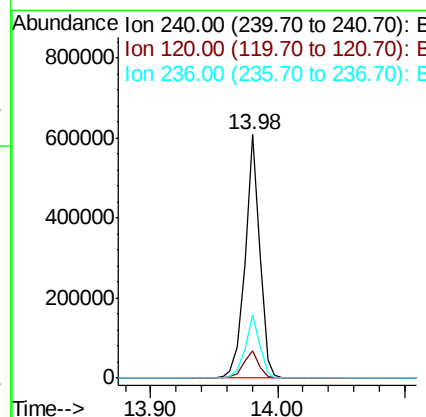
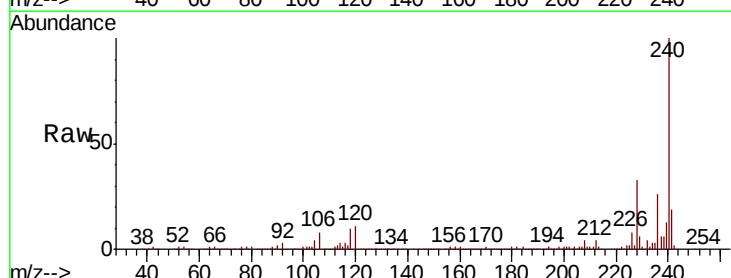
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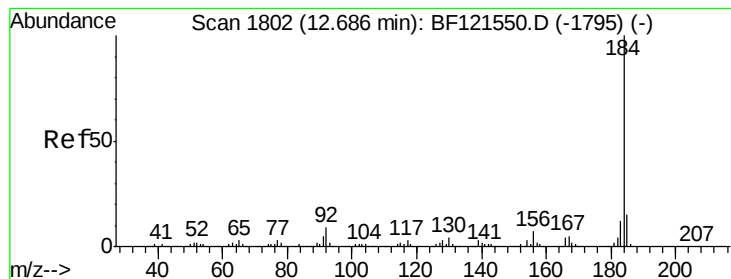
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	477653		
120	11.4		9.2	13.8
236	25.7		20.4	30.6





#77

Benzidine

Concen: 49.911 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

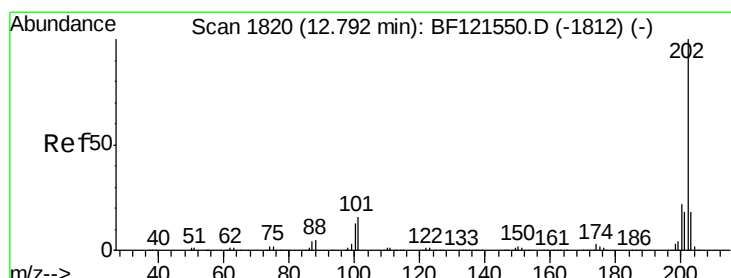
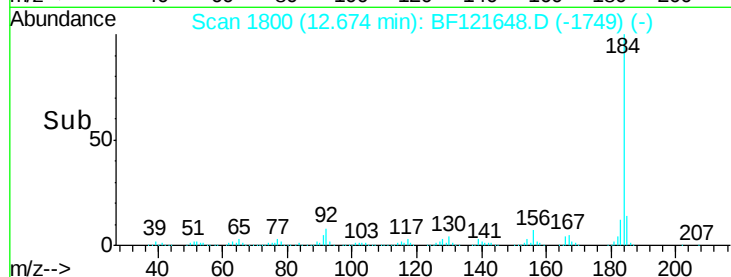
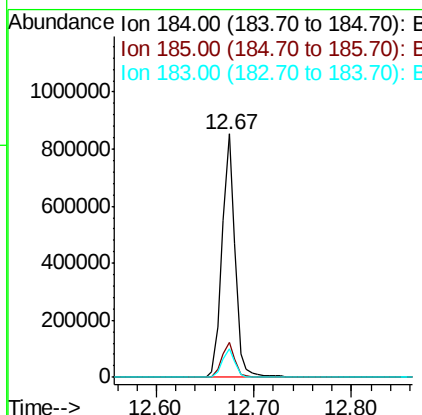
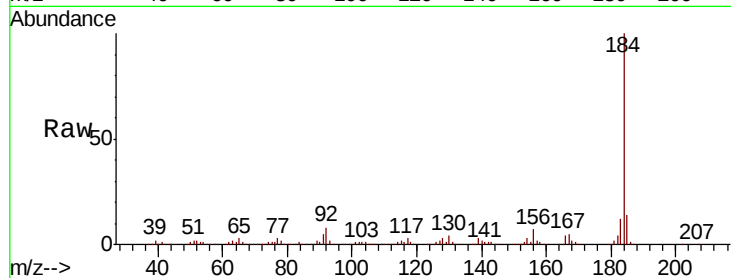
ClientSampleId :

PB131810BS

Tot Ion:	184	Resp:	790344
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.5	17.3
183	11.9	9.6	14.4

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#78

Pyrene

Concen: 45.453 ng

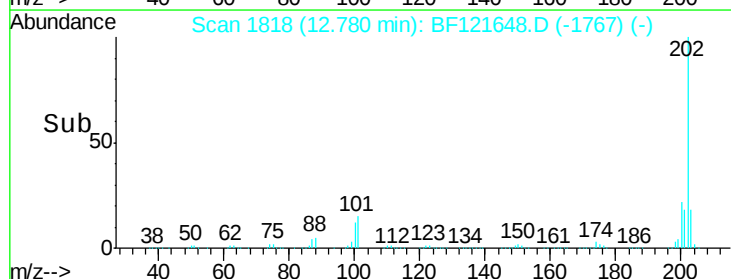
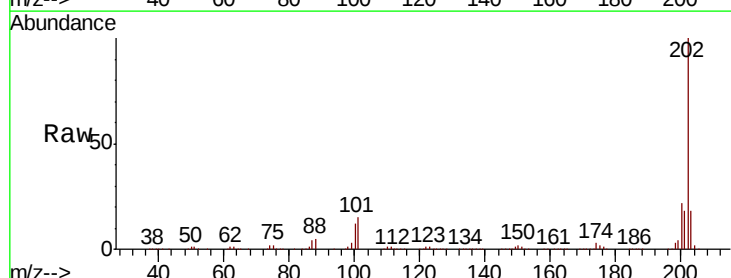
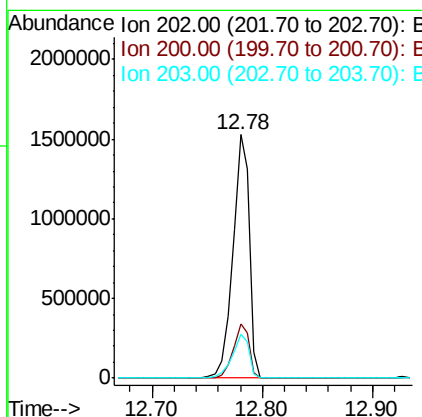
RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:	202	Resp:	1586249
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.8	26.6
203	18.2	14.4	21.6





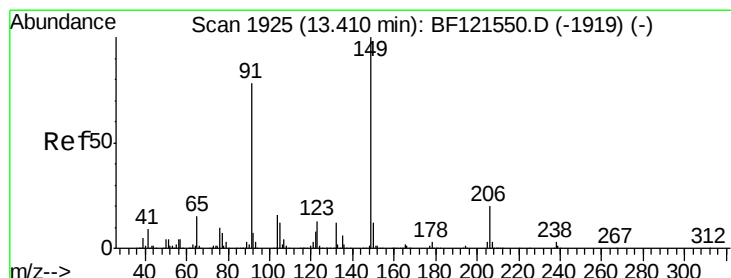
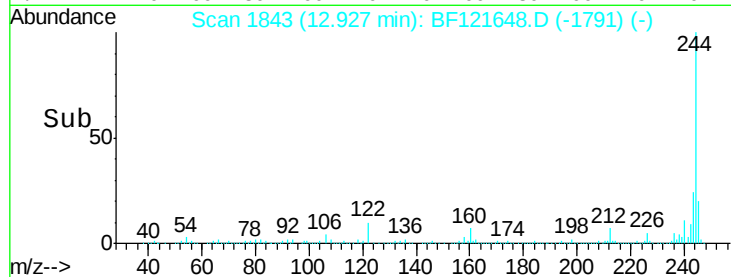
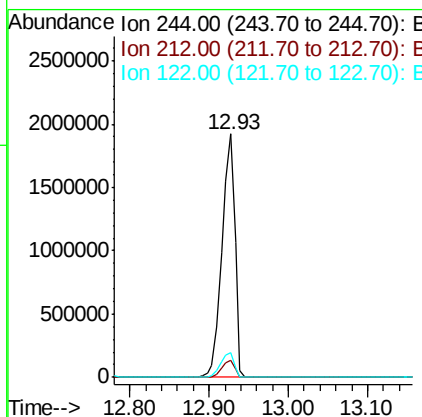
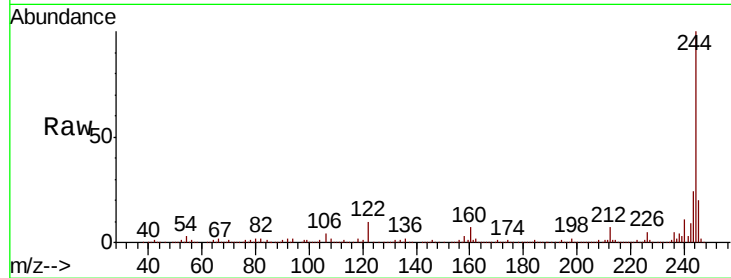
#79
 Terphenyl-d14
 Concen: 91.842 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleID :
 PB131810BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.3	7.4	11.0

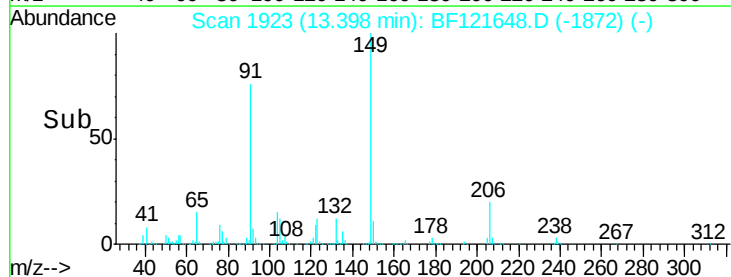
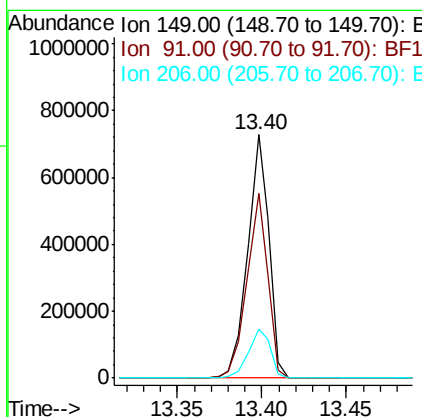
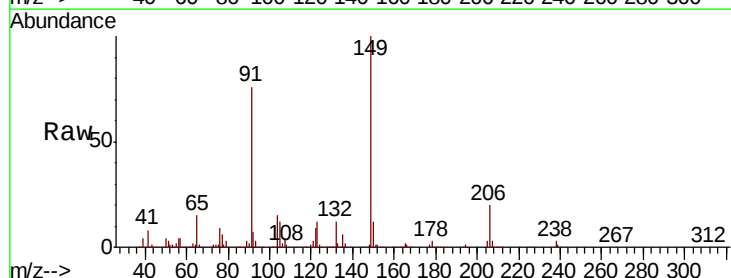
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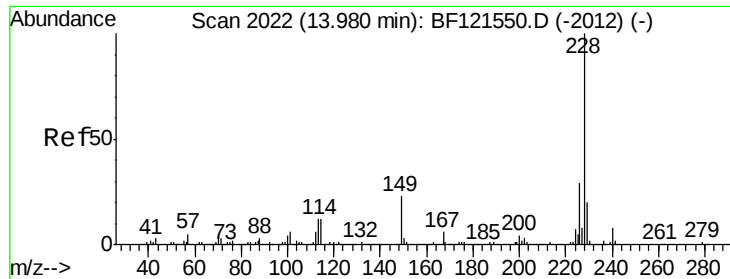
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#80
 Butylbenzylphthalate
 Concen: 45.498 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	61.0	91.4
206	20.2	16.6	25.0





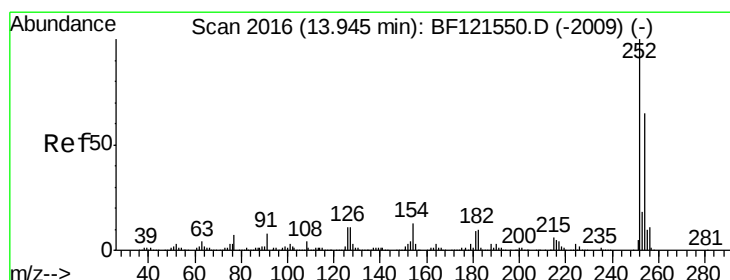
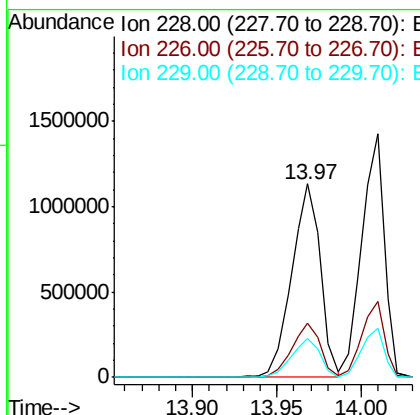
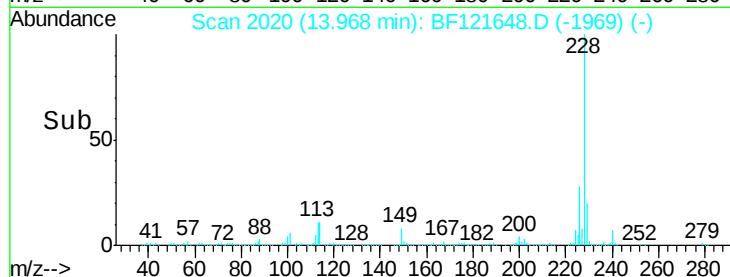
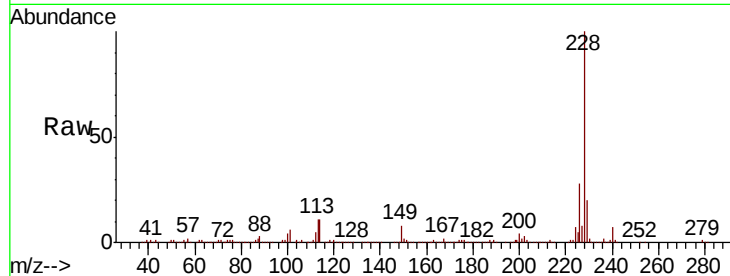
#81
Benzo(a)anthracene
Concen: 44.200 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	16.2	24.2

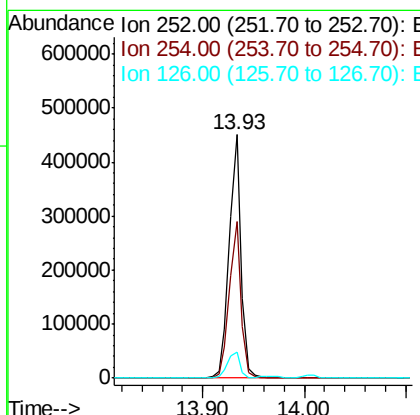
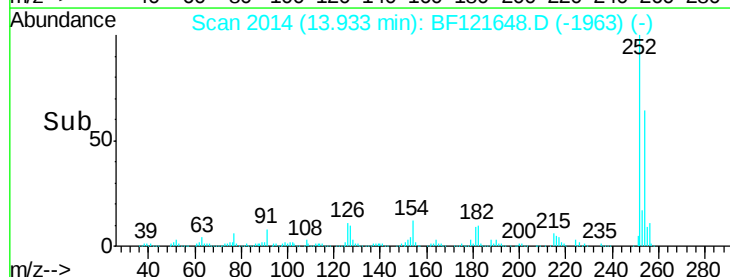
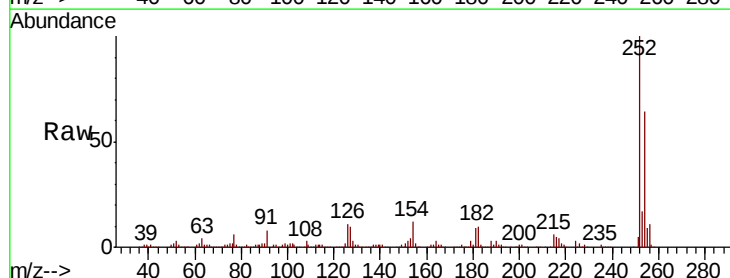
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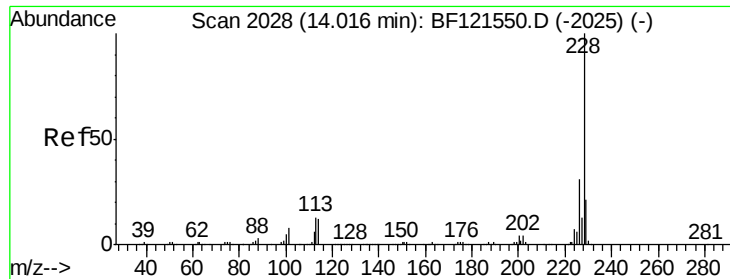
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#82
3,3'-Dichlorobenzidine
Concen: 31.081 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.0	76.4
126	10.7	8.6	13.0





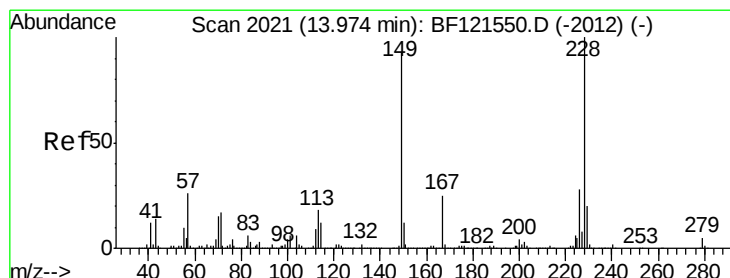
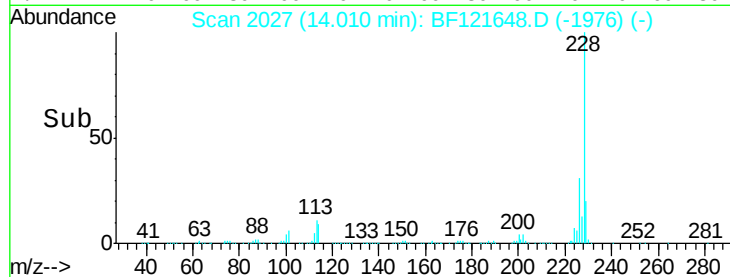
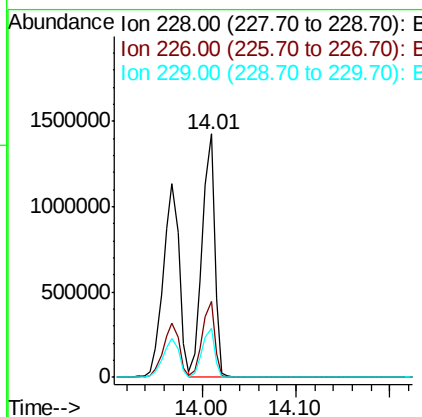
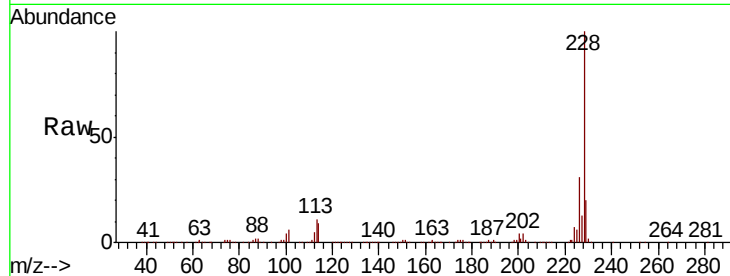
#83
 Chrysene
 Concen: 43.404 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	20.1	16.0	24.0

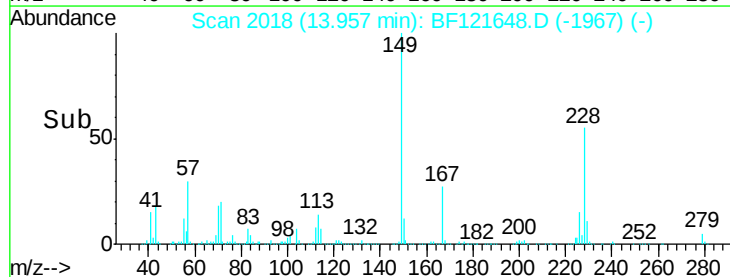
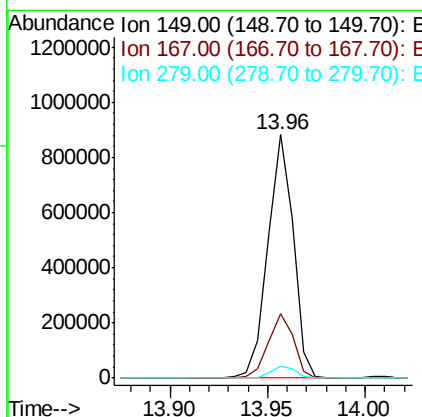
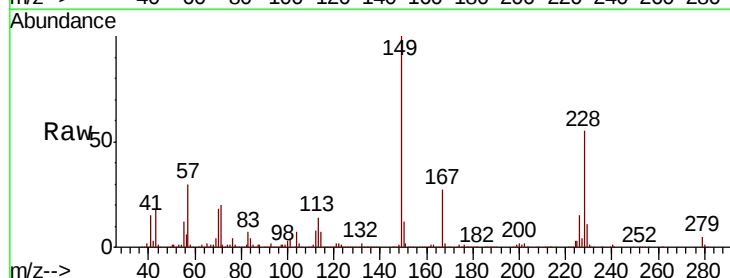
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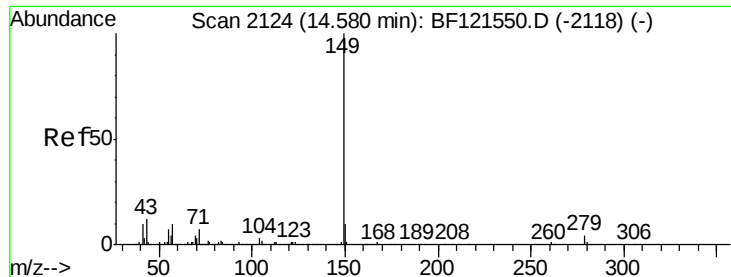
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.370 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	4.7	3.4	5.0





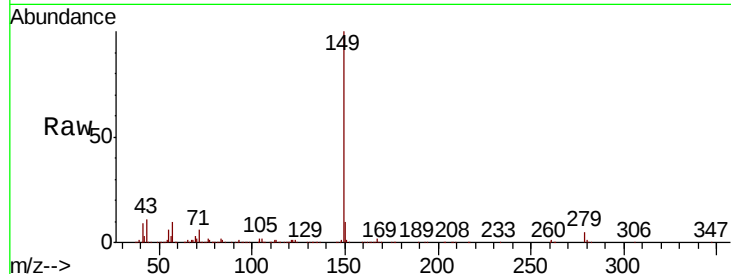
#85
Di-n-octyl phthalate
Concen: 41.096 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

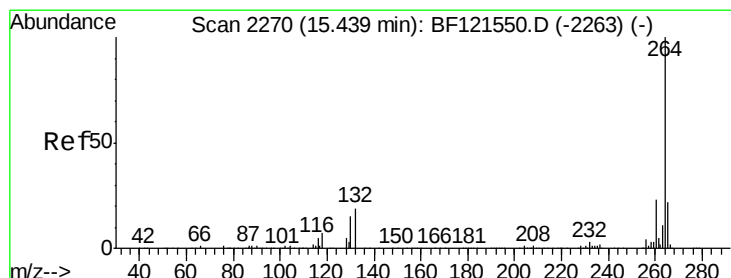
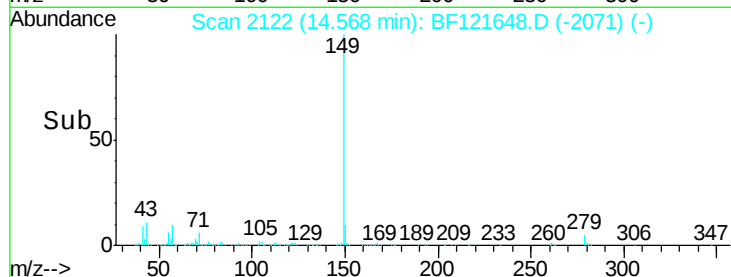
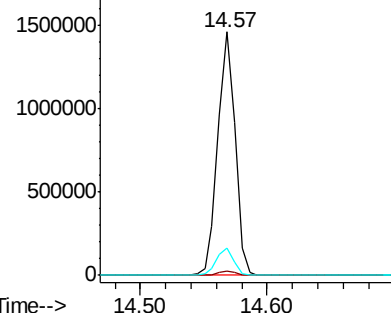
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	9.0	13.4

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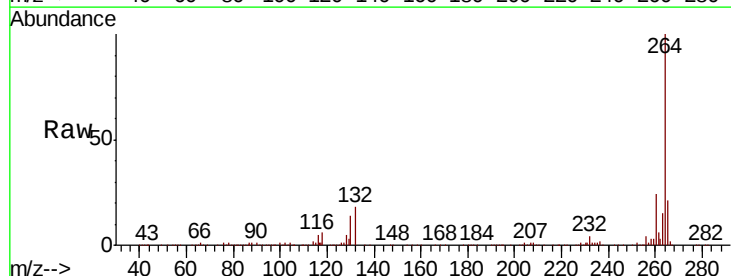


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

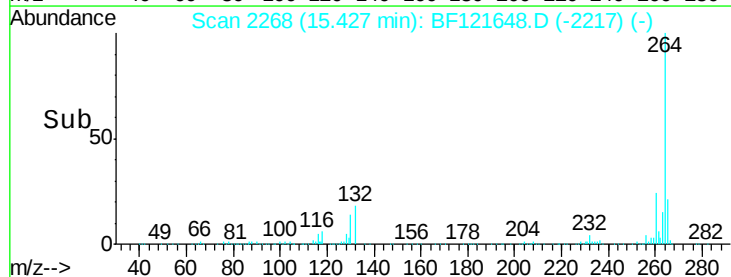
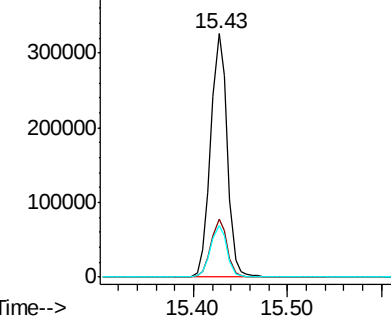


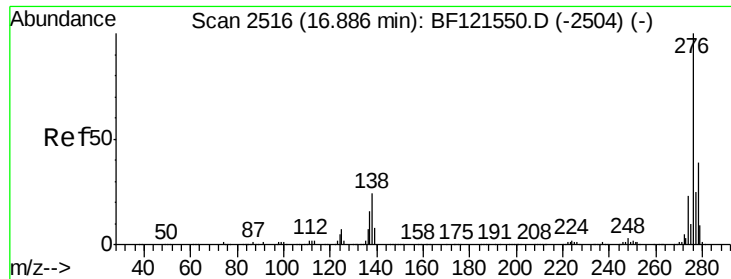
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.1	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
400000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





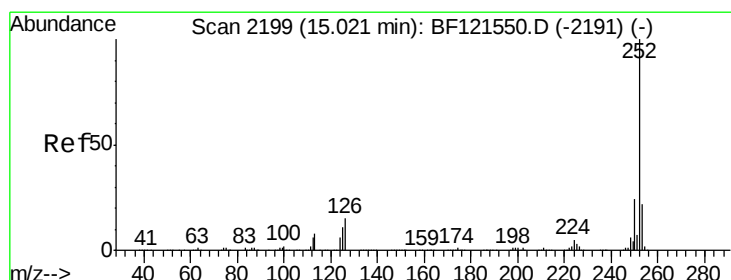
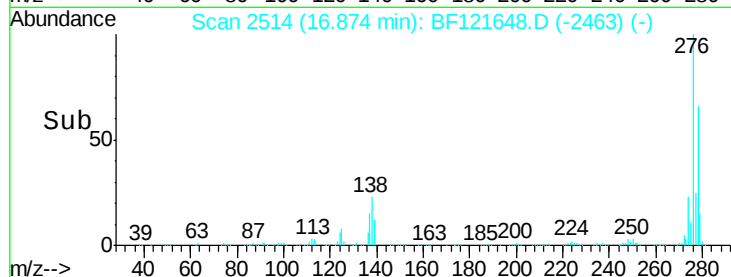
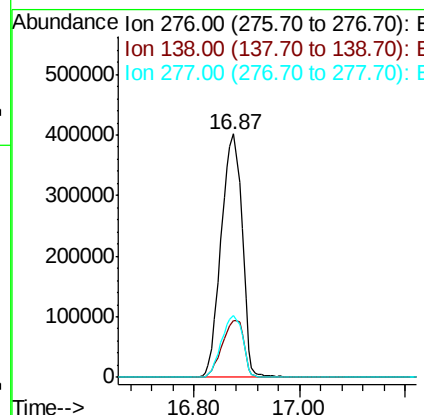
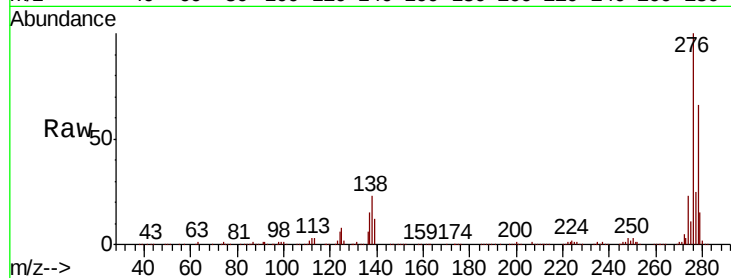
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.402 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.6
277	25.7	20.2	30.2

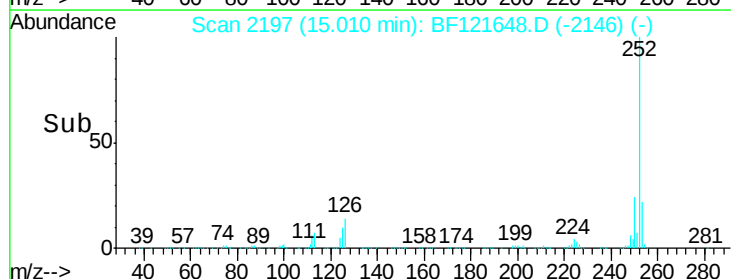
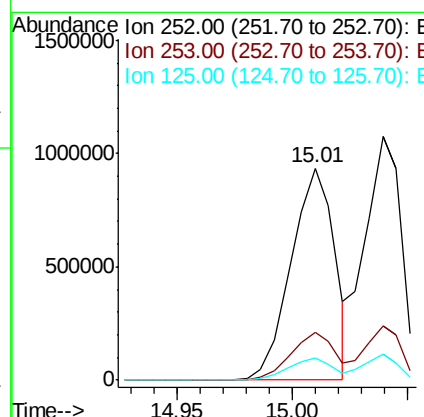
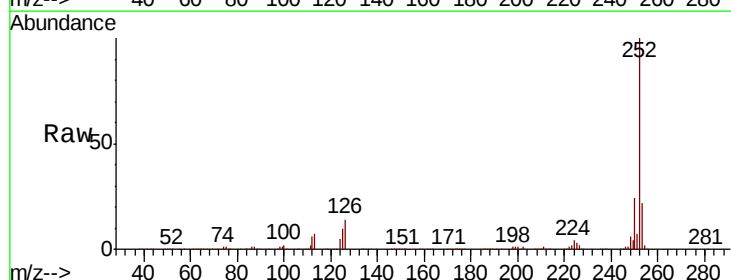
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#88
 Benzo(b)fluoranthene
 Concen: 45.335 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.3	8.5	12.7





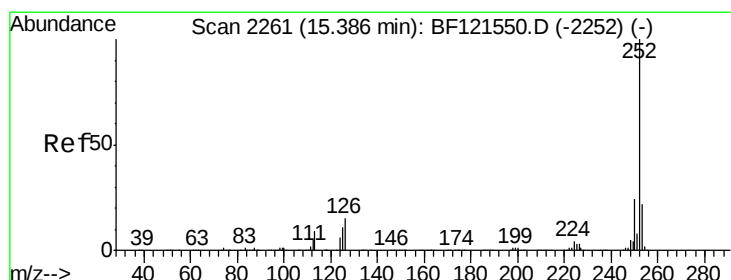
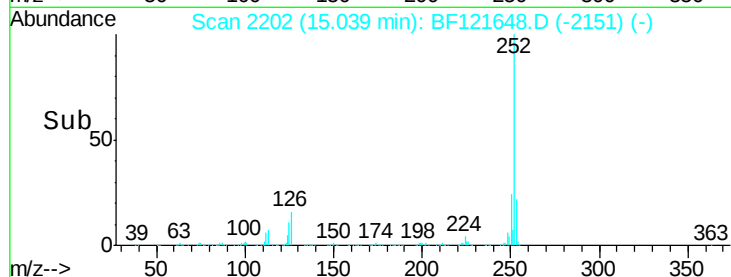
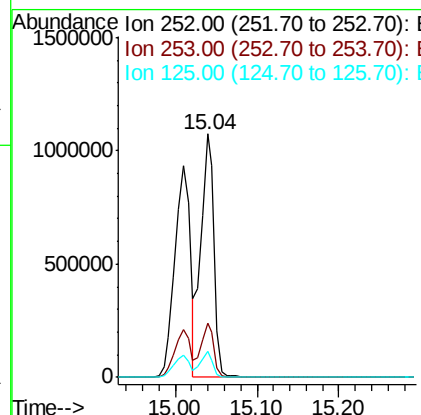
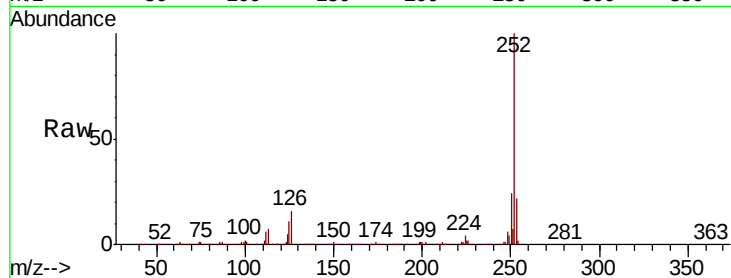
#89
Benzo(k)fluoranthene
Concen: 48.276 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	8.4	12.6

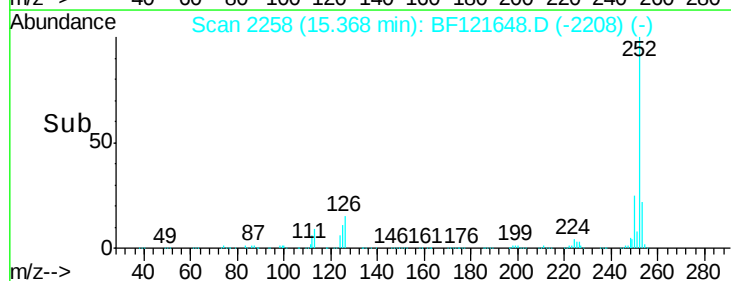
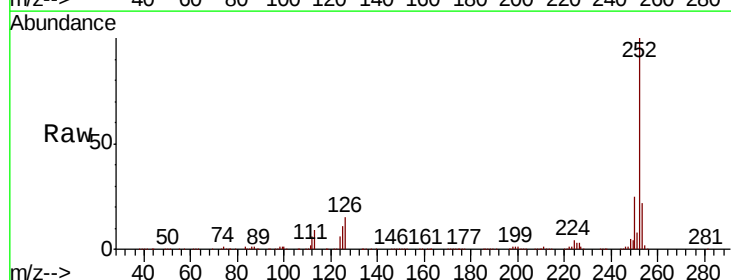
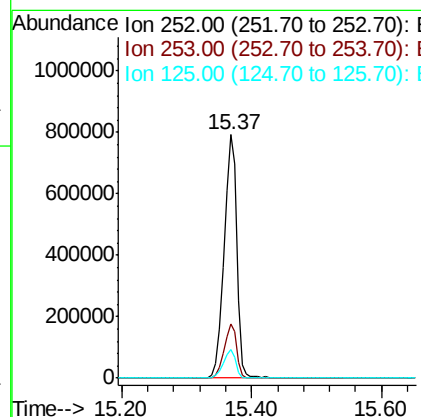
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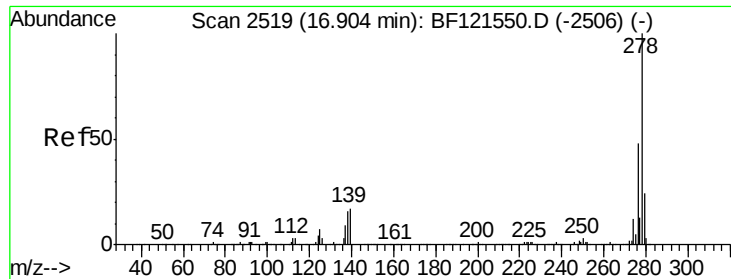
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#90
Benzo(a)pyrene
Concen: 46.567 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.5	9.1	13.7





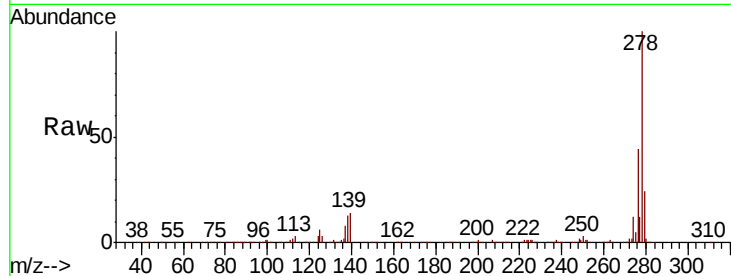
#91
Dibenzo(a,h)anthracene
Concen: 42.072 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.0	18.0
279	23.6	19.4	29.2

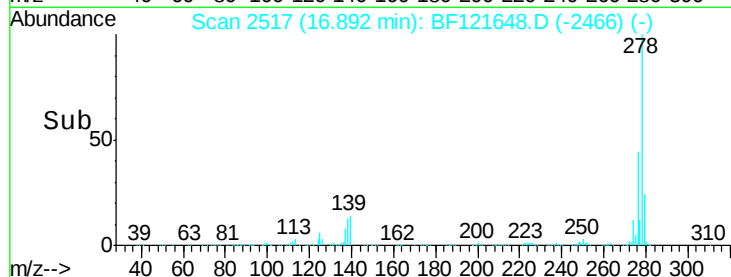
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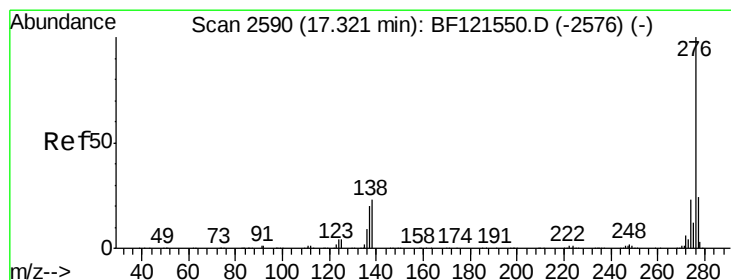


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

16.89

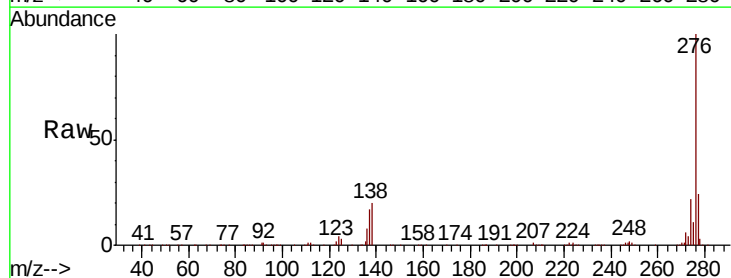


Time-->



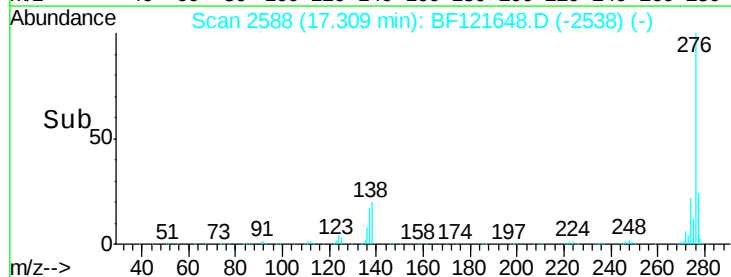
#92
Benzo(g,h,i)perylene
Concen: 42.905 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	20.3	16.9	25.3



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

17.31



Time-->