

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121651.D
 Acq On : 22 Sep 2020 20:53
 Operator : JU/CG
 Sample : L4104-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Manual Integrations
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mohammad
 9/23/2020 10:43:26 AM

Quant Time: Sep 23 01:32:33 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	148341	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	589687	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	315303	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	596937	20.00	ng	0.00
76) Chrysene-d12	13.98	240	441896	20.00	ng	0.00
86) Perylene-d12	15.43	264	358682	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	830467	83.20	ng	0.01
7) Phenol-d6	6.45	99	1106199	84.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	751433	68.42	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	368242	93.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1340928	64.41	ng	0.00
79) Terphenyl-d14	12.92	244	1413582	64.81	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	162479	35.431	ng	99
3) Pyridine	3.38	79	459406	36.238	ng	98
4) n-Nitrosodimethylamine	3.33	42	225031	38.268	ng	100
6) Aniline	6.47	93	318298	18.663	ng	95
8) 2-Chlorophenol	6.60	128	426782	41.994	ng	99
9) Benzaldehyde	6.36	77	156113	18.236	ng	97
10) Phenol	6.46	94	547436	39.257	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	418938	39.860	ng	99
12) 1,3-Dichlorobenzene	6.75	146	444410	39.178	ng	99
13) 1,4-Dichlorobenzene	6.83	146	450355	39.540	ng	98
14) 1,2-Dichlorobenzene	6.98	146	427091	40.705	ng	99
15) Benzyl Alcohol	6.96	79	375249	42.159	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	632903	37.421	ng	97
17) 2-Methylphenol	7.07	107	355941	41.163	ng	98
18) Hexachloroethane	7.32	117	165041	40.469	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	298115	39.500	ng	98
20) 3+4-Methylphenols	7.23	107	422854	40.700	ng	# 83
22) Acetophenone	7.22	105	559030	37.365	ng	99
24) Nitrobenzene	7.39	77	461395	38.843	ng	99
25) Isophorone	7.63	82	830678	37.573	ng	99
26) 2-Nitrophenol	7.71	139	223678	40.426	ng	97
27) 2,4-Dimethylphenol	7.75	122	380614	38.567	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	525860	38.421	ng	99
29) 2,4-Dichlorophenol	7.96	162	358087	39.838	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	367412	38.811	ng	99
31) Naphthalene	8.12	128	1197240	38.461	ng	100
32) Benzoic acid	7.90	122	254963	36.559	ng	97
33) 4-Chloroaniline	8.16	127	187313	13.882	ng	99
34) Hexachlorobutadiene	8.23	225	223012	40.135	ng	98
35) Caprolactam	8.55	113	121127m	40.466	ng	
36) 4-Chloro-3-methylphenol	8.66	107	401503	41.465	ng	97
37) 2-Methylnaphthalene	8.81	142	794847	38.963	ng	99
38) 1-Methylnaphthalene	8.91	142	745907	39.288	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	373515	37.924	ng	99

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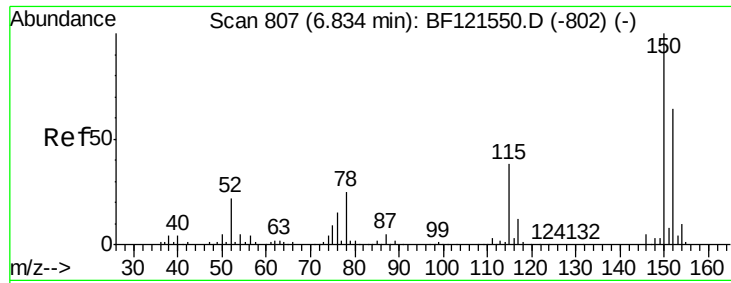
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	355270	63.164	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	265192	39.503	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	280106	39.468	nq	94
46) 1,1'-Biphenyl	9.27	154	961864	38.106	nq	100
47) 2-Chloronaphthalene	9.30	162	748367	37.623	nq	99
48) 2-Nitroaniline	9.40	65	257901	41.723	nq	98
49) Acenaphthylene	9.72	152	1191926	39.000	nq	100
50) Dimethylphthalate	9.58	163	1049669	45.932	nq	100
51) 2,6-Dinitrotoluene	9.64	165	206371	42.403	nq	99
52) Acenaphthene	9.89	154	708457	36.701	nq	100
53) 3-Nitroaniline	9.81	138	114813	20.364	nq	92
54) 2,4-Dinitrophenol	9.92	184	217196	77.672	nq	96
55) Dibenzofuran	10.06	168	1050445	38.641	nq	97
56) 4-Nitrophenol	9.99	139	339842	75.583	nq	91
57) 2,4-Dinitrotoluene	10.05	165	277050	45.249	nq	93
58) Fluorene	10.40	166	825589	39.713	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	235494	40.816	nq	98
60) Diethylphthalate	10.28	149	895535	40.193	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	394937	39.658	nq	100
62) 4-Nitroaniline	10.43	138	204004	36.443	nq	99
63) Azobenzene	10.55	77	896875	37.799	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	153297	42.728	nq	99
66) n-Nitrosodiphenylamine	10.52	169	778437	38.010	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	266212	39.170	nq	95
68) Hexachlorobenzene	10.95	284	301428	39.300	nq	98
69) Atrazine	11.04	200	191309	37.600	nq	98
70) Pentachlorophenol	11.15	266	321279	76.273	nq	98
71) Phenanthrene	11.36	178	1287525	39.587	nq	99
72) Anthracene	11.42	178	1281891	38.194	nq	100
73) Carbazole	11.57	167	1160749	38.325	nq	99
74) Di-n-butylphthalate	11.90	149	1339232	38.311	nq	99
75) Fluoranthene	12.55	202	1399024	40.296	nq	98
77) Benzidine	12.67	184	587233	40.085	nq	100
78) Pyrene	12.78	202	1395819	43.233	nq	100
80) Butylbenzylphthalate	13.40	149	553708	42.405	nq	99
81) Benzo(a)anthracene	13.97	228	1150503	41.153	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	195042	17.870	nq	99
83) Chrysene	14.00	228	1111675	39.268	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	704082	40.363	nq	100
85) Di-n-octyl phthalate	14.57	149	1171021	38.039	nq	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1009694	43.226	nq	99
88) Benzo(b)fluoranthene	15.01	252	1011008	42.163	nq	99
89) Benzo(k)fluoranthene	15.04	252	941581	42.881	nq	99
90) Benzo(a)pyrene	15.37	252	871144	42.740	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	798137	41.047	nq	99
92) Benzo(g,h,i)perylene	17.31	276	864043	45.206	nq	99

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



#1

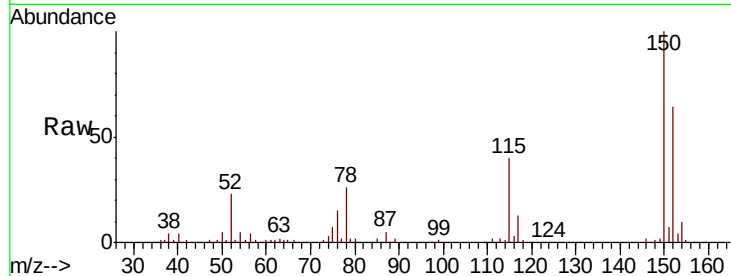
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

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PAV-B29-092120-10-17MS

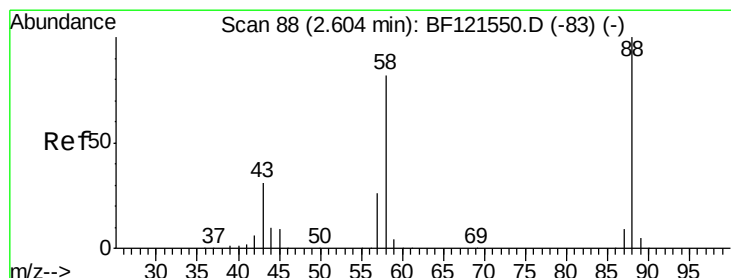
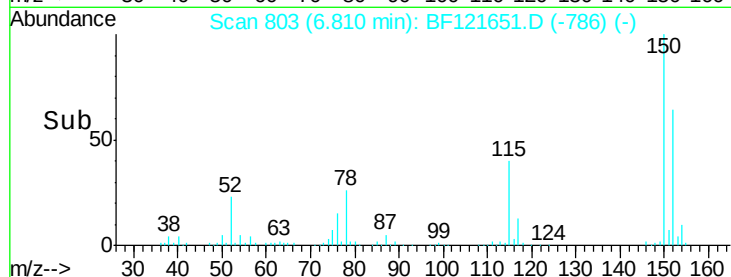
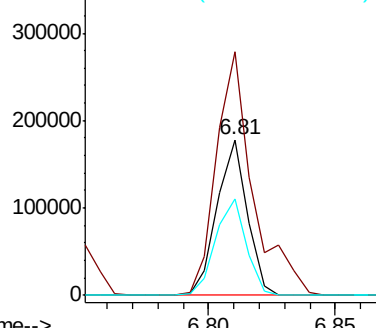
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.1	192.1
115	62.2	52.6	79.0

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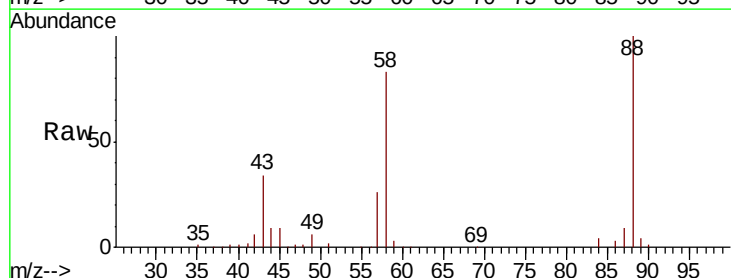
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



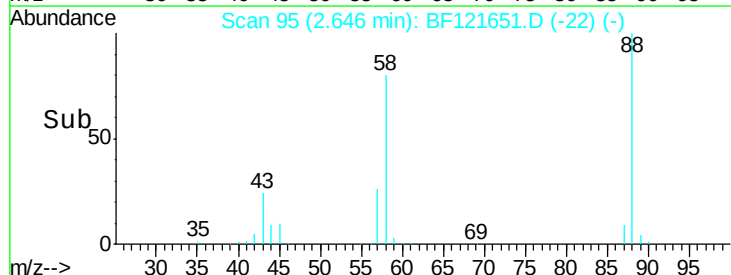
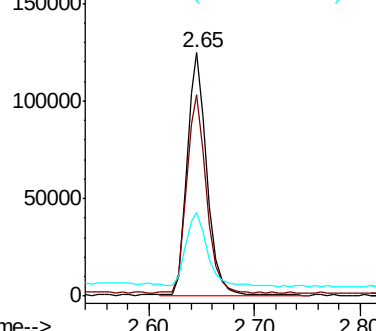
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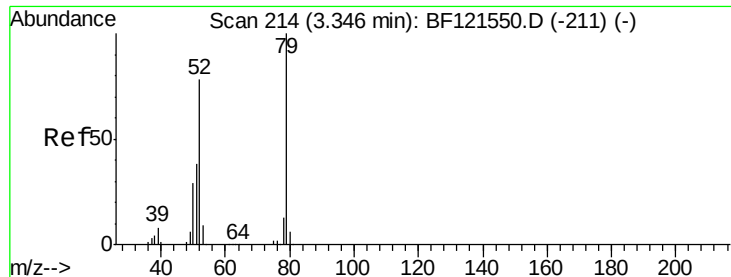
1,4-Dioxane
Concen: 35.431 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.13 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	65.4	98.0
43	33.1	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: 36.238 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.12 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

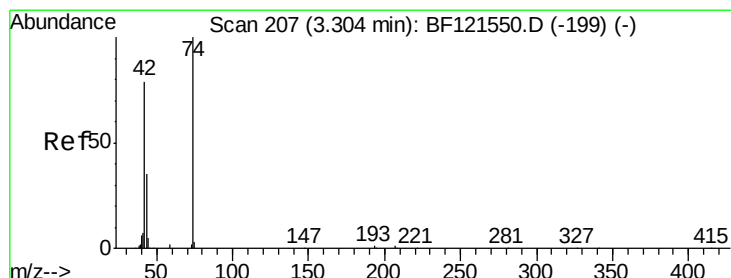
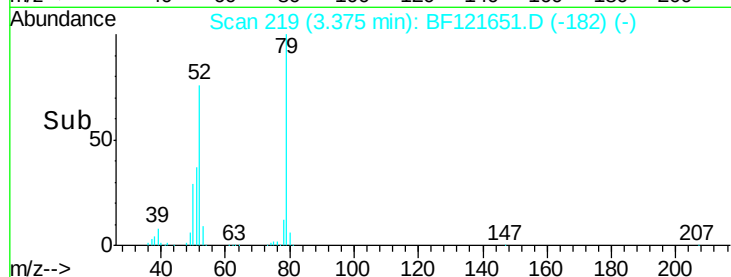
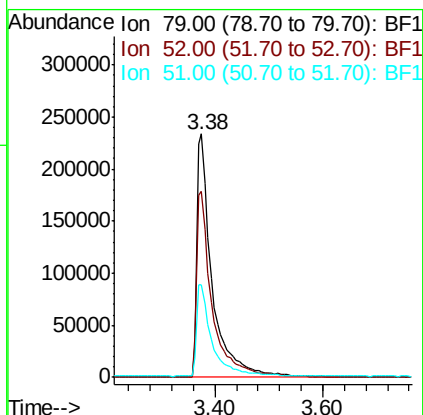
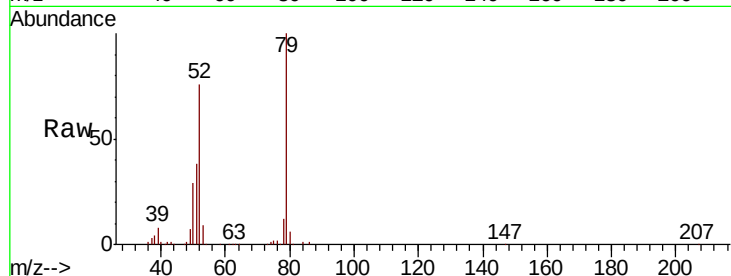
ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:	79	Resp:	459406
Ion Ratio	Lower	Upper	
79	100		
52	76.5	63.4	95.0
51	38.2	30.7	46.1

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#4

n-Nitrosodimethylamine

Concen: 38.268 ng

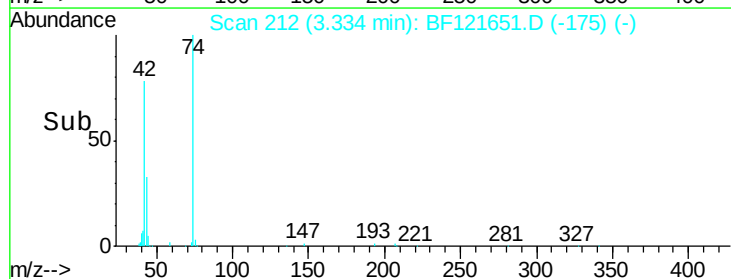
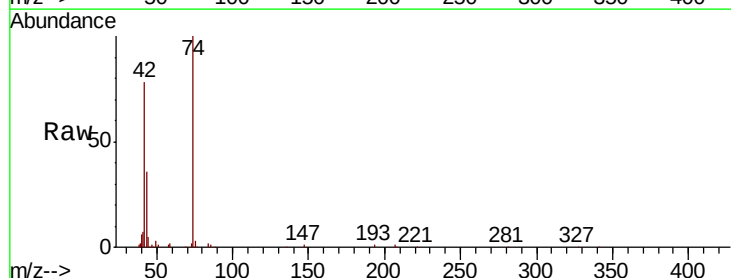
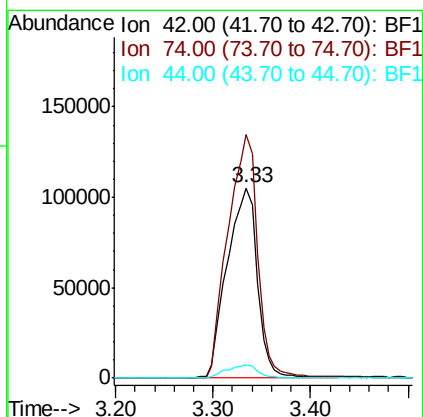
RT: 3.33 min Scan# 212

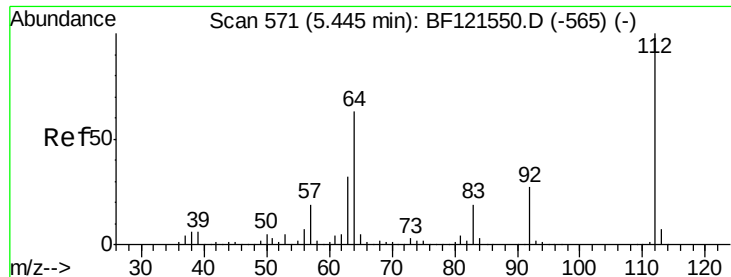
Delta R.T. 0.12 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:	42	Resp:	225031
Ion Ratio	Lower	Upper	
42	100		
74	128.3	102.6	154.0
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 83.199 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

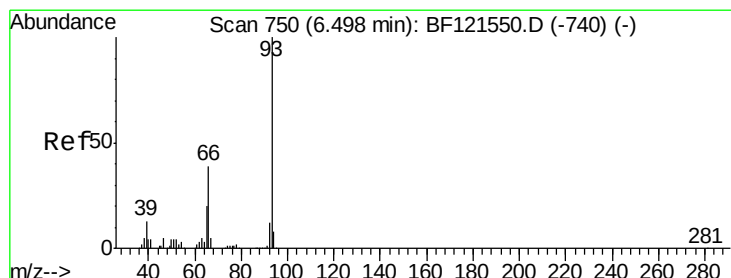
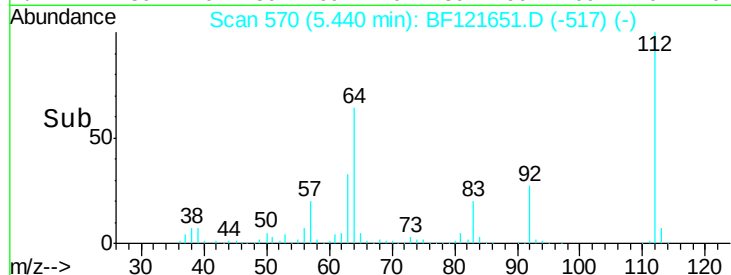
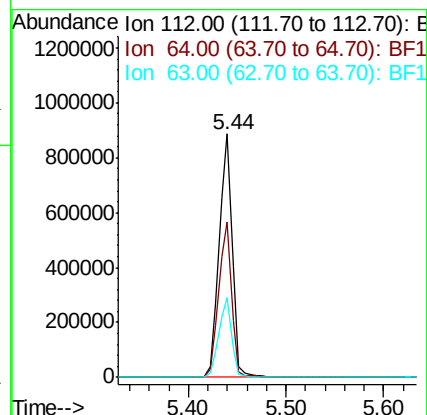
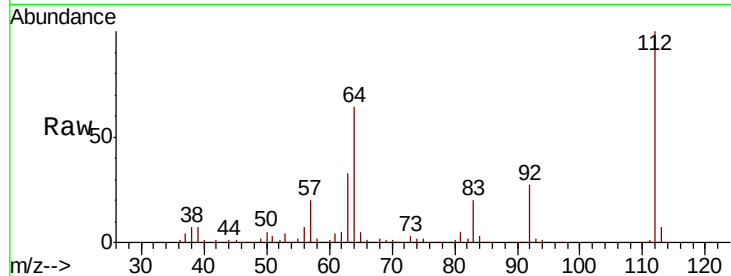
ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:	112	Resp:	830467
Ion Ratio	Lower	Upper	
112	100		
64	63.8	52.2	78.2
63	32.5	26.6	39.8

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#6

Aniline

Concen: 18.663 ng

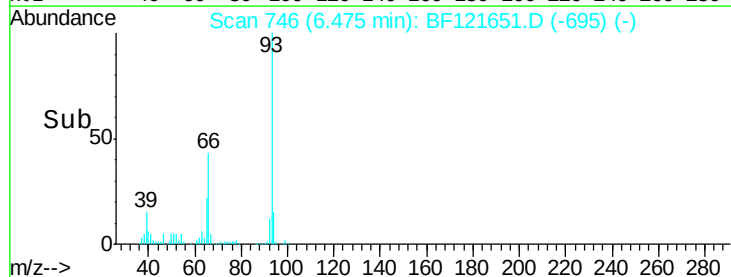
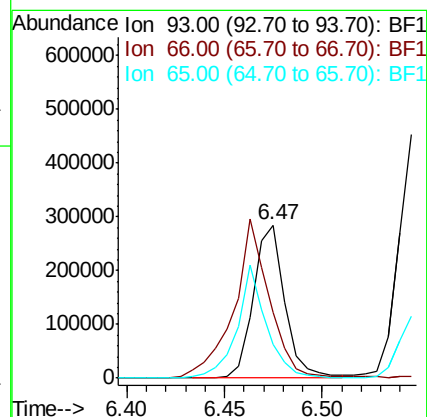
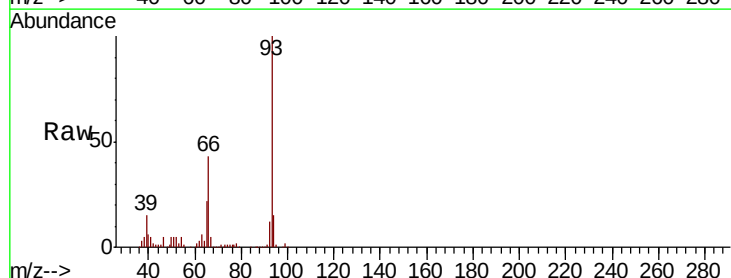
RT: 6.47 min Scan# 746

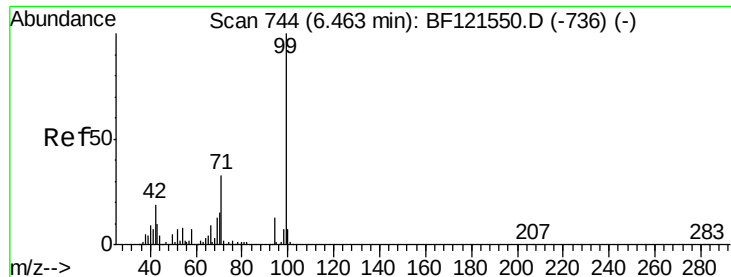
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:	93	Resp:	318298
Ion Ratio	Lower	Upper	
93	100		
66	43.0	31.9	47.9
65	22.1	16.1	24.1





#7

Phenol-d6

Concen: 84.472 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1106199

Ion Ratio Lower Upper

99 100

42 19.9 15.5 23.3

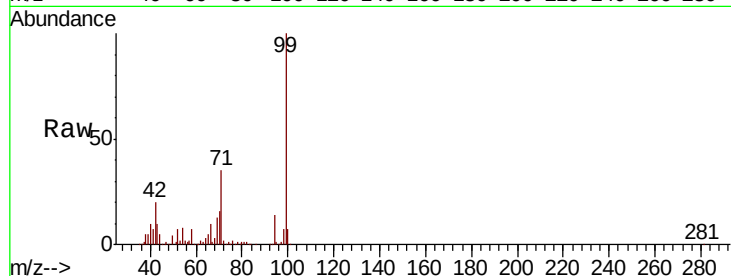
71 34.7 27.4 41.2

Manual Integrations

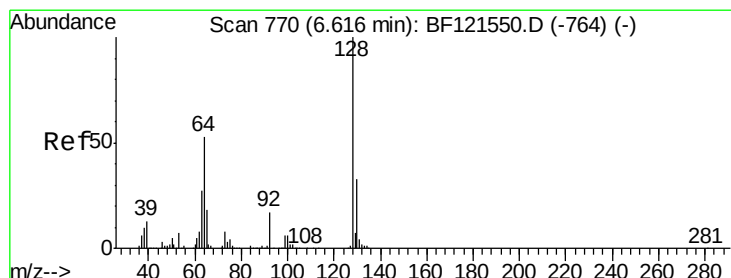
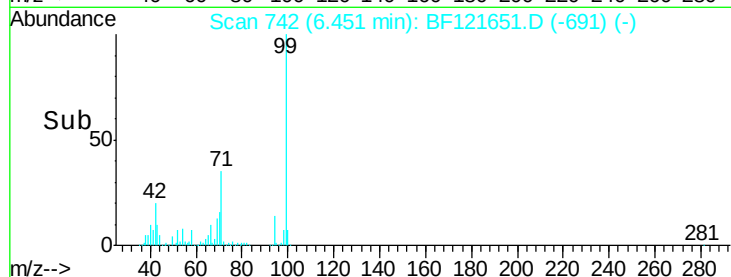
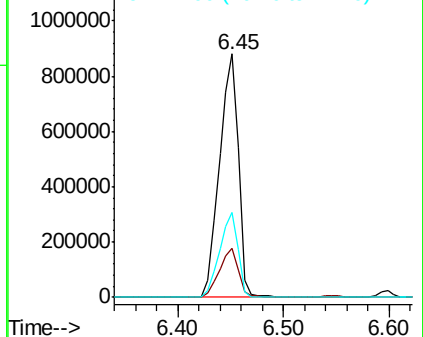
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.994 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

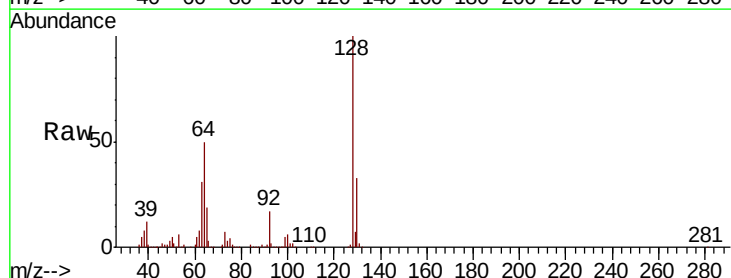
Tgt Ion: 128 Resp: 426782

Ion Ratio Lower Upper

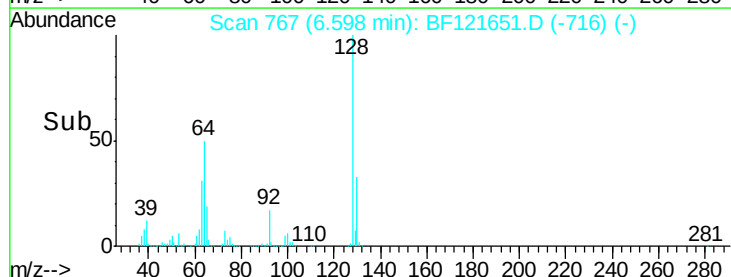
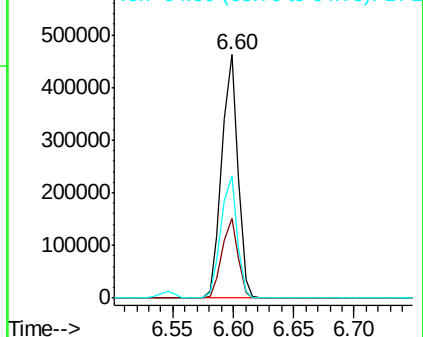
128 100

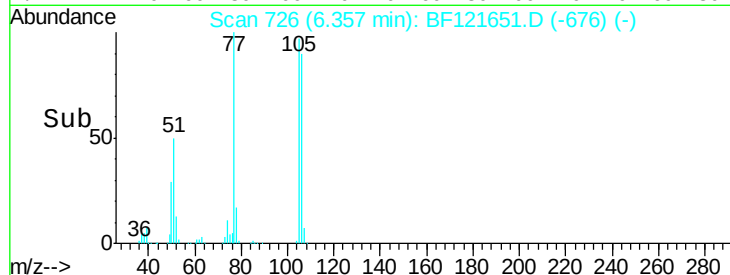
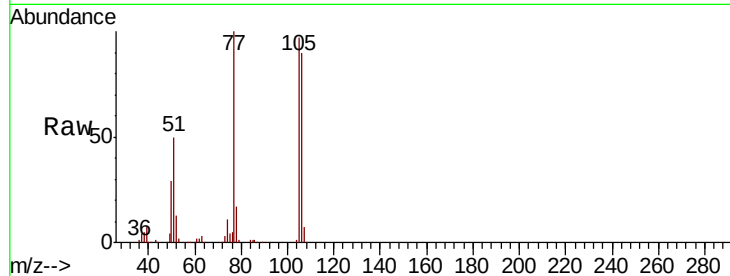
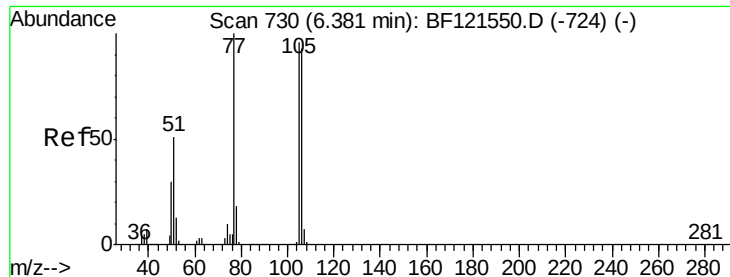
130 32.8 13.5 53.5

64 50.1 29.3 69.3



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





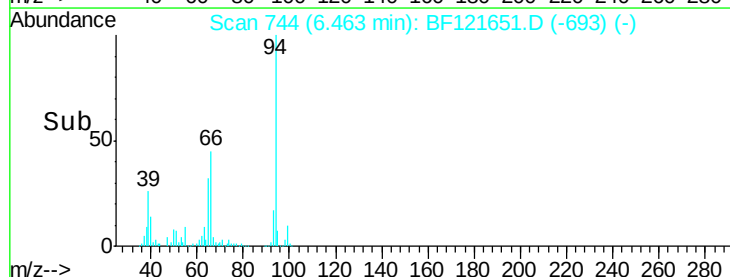
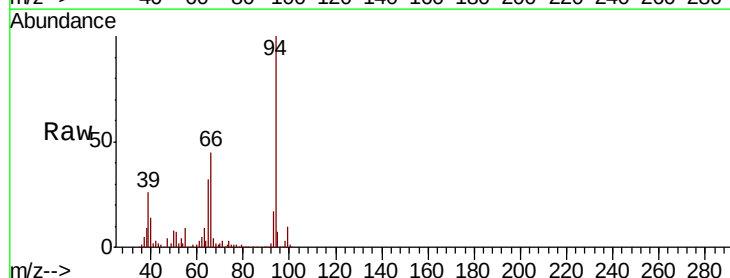
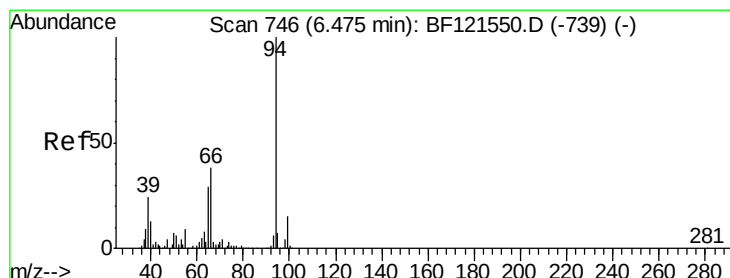
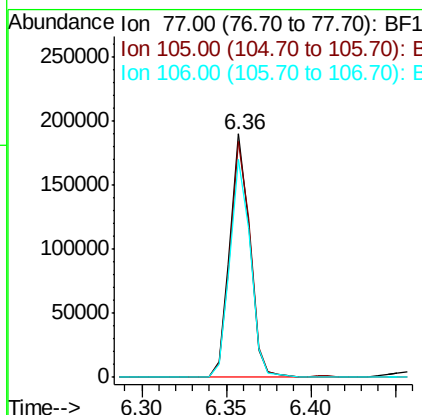
#9
Benzaldehyde
Concen: 18.236 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.1	79.2	119.2		
106	89.6	72.9	112.9		

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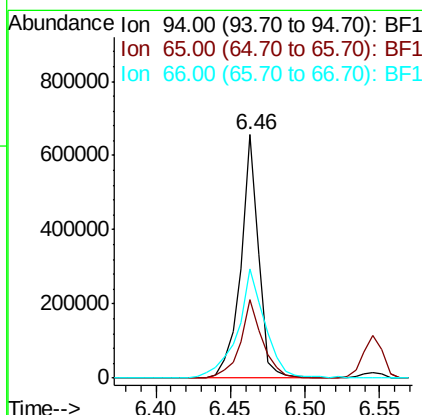
Manual Integrations
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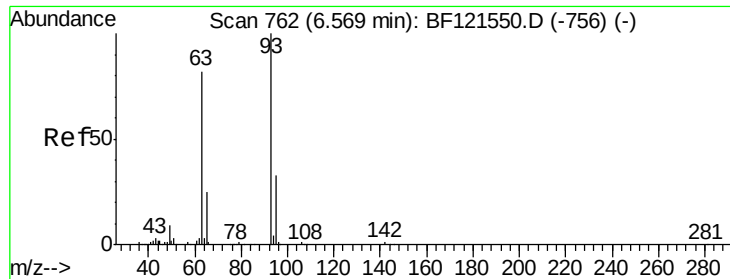
mohammad
9/23/2020 10:43:26 AM



#10
Phenol
Concen: 39.257 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.0	17.8	57.8		
66	45.1	37.8	77.8		





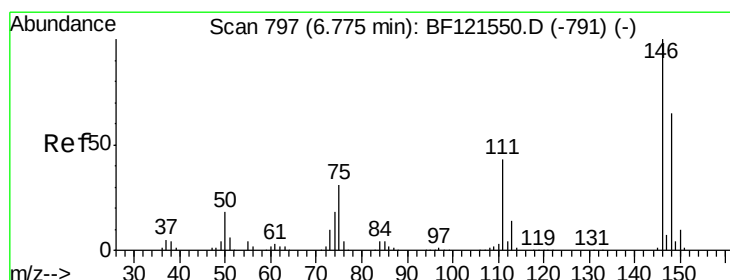
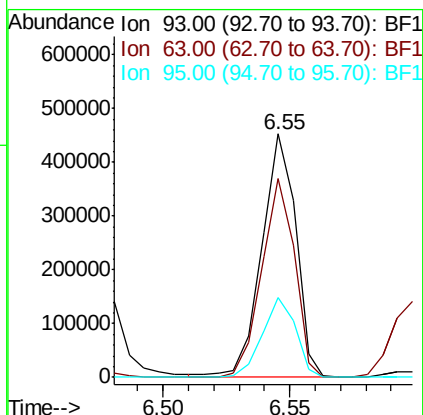
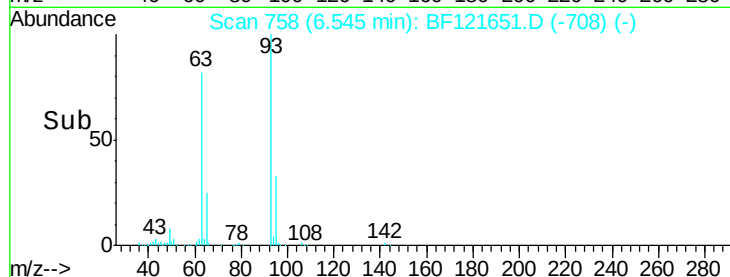
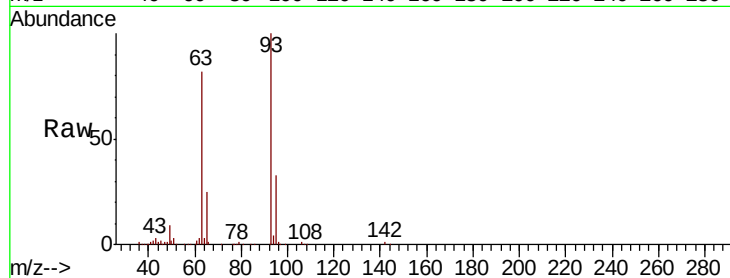
#11
bis(2-Chloroethyl)ether
Concen: 39.860 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		418938		
63	81.5	60.3	100.3		
95	33.0	12.6	52.6		

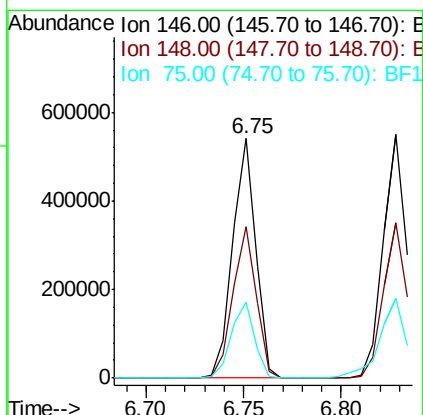
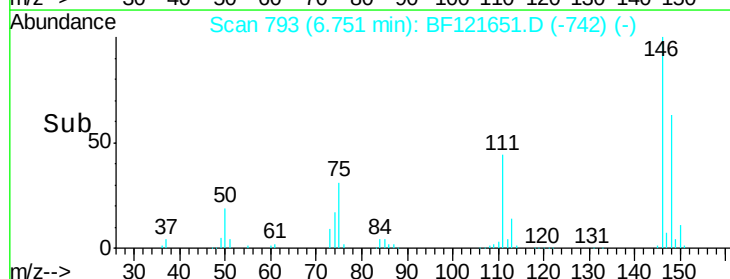
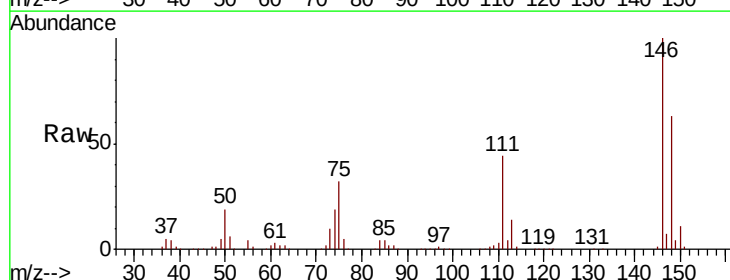
Manual Integrations
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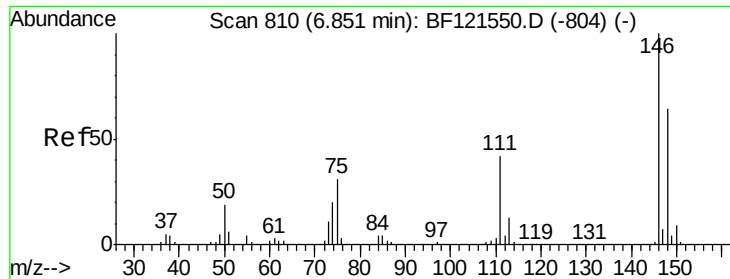
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.178 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		444410		
148	63.2	50.6	75.8		
75	31.8	23.5	35.3		





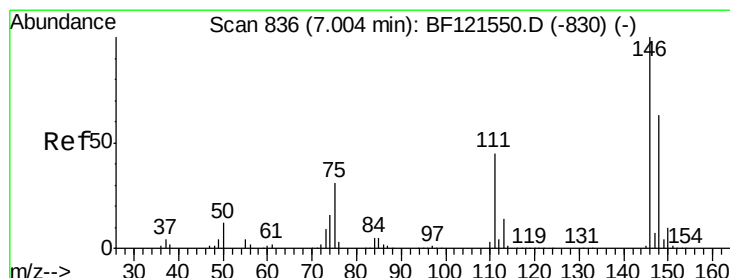
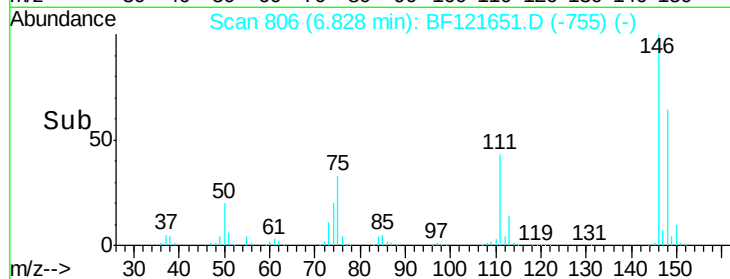
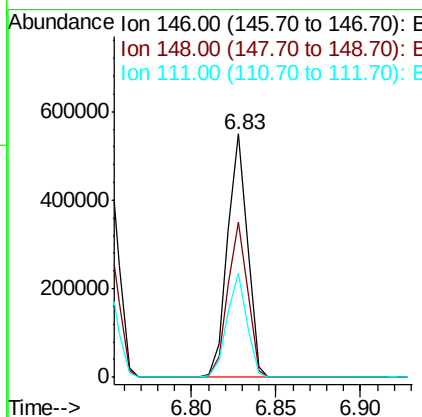
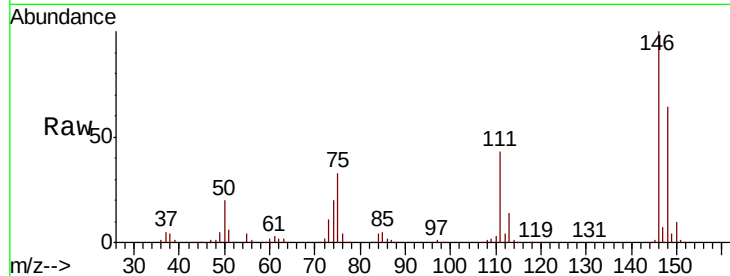
#13
 1,4-Dichlorobenzene
 Concen: 39.540 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	42.9	32.7	49.1

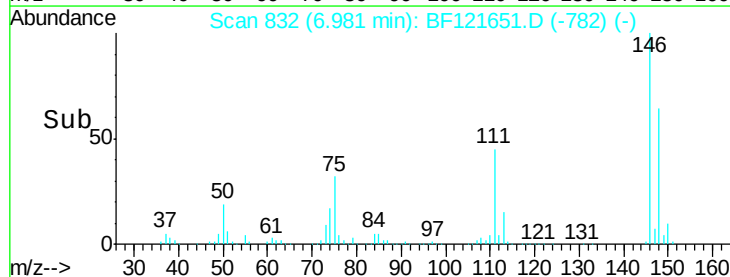
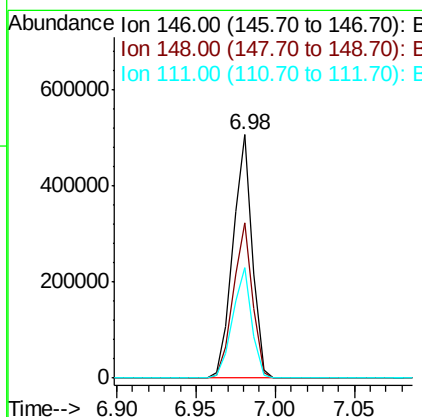
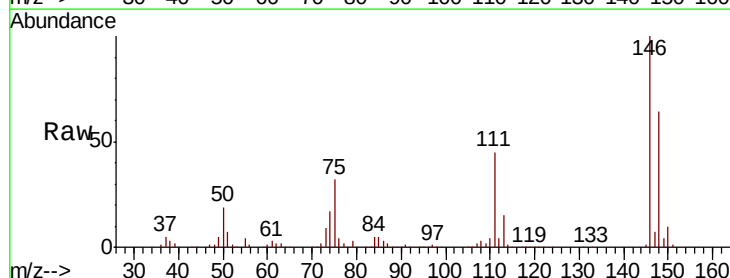
Manual Integrations
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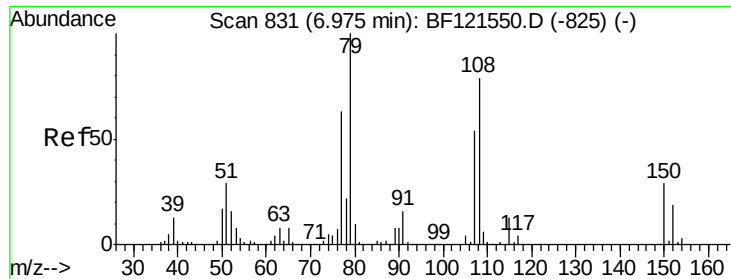
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#14
 1,2-Dichlorobenzene
 Concen: 40.705 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	45.1	35.5	53.3





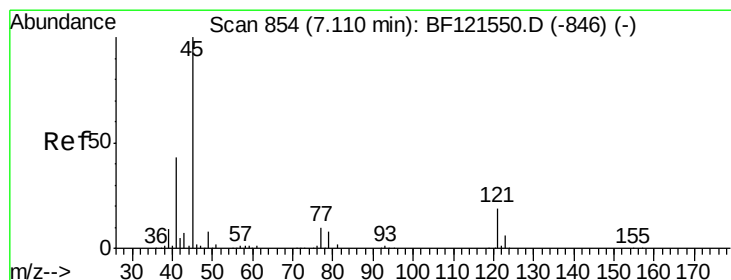
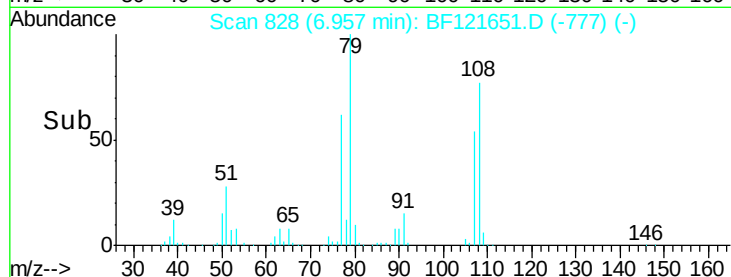
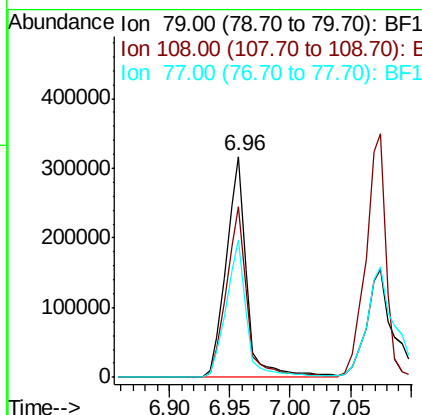
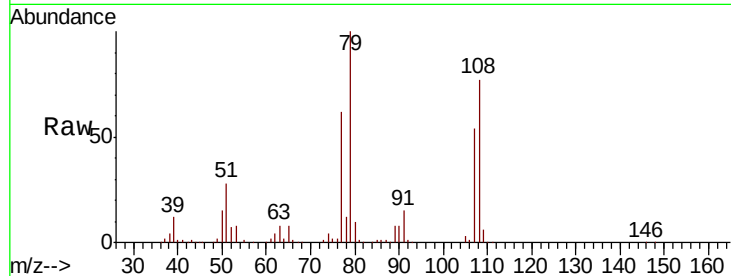
#15
Benzyl Alcohol
Concen: 42.159 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	60.2	90.2
77	62.1	50.6	76.0

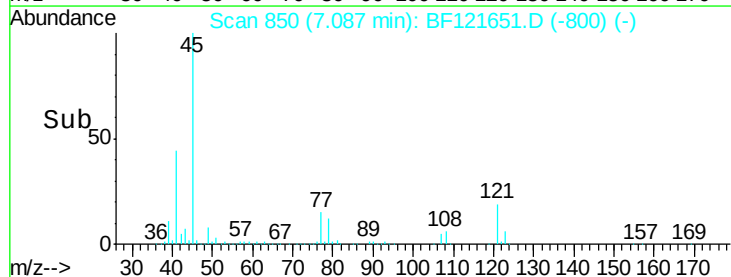
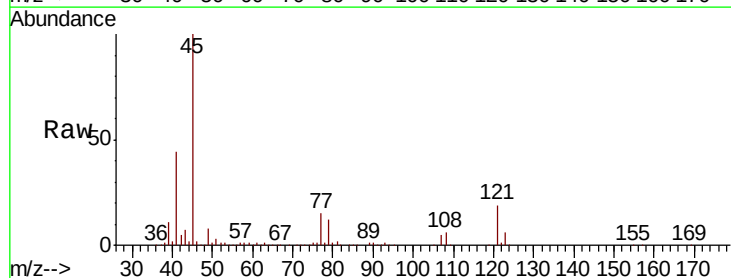
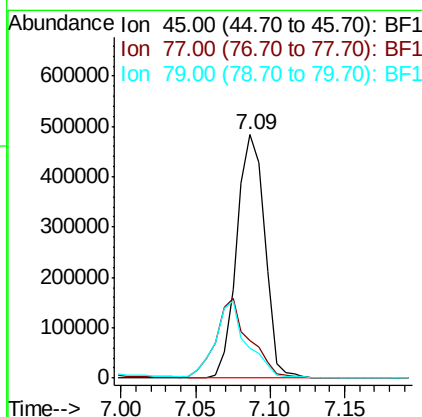
Manual Integrations
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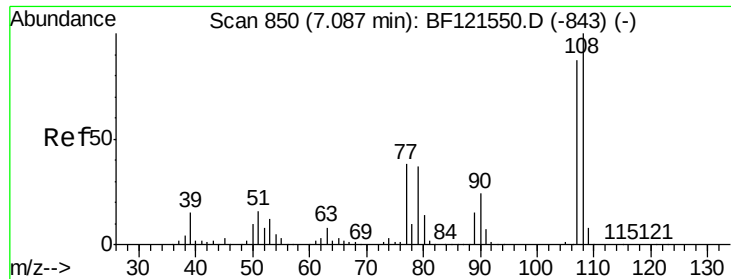
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.421 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	33.8
79	12.1	0.0	31.2





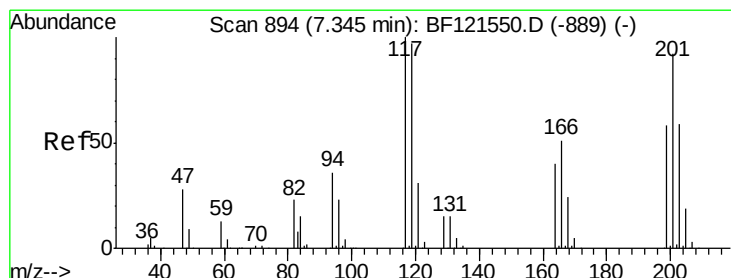
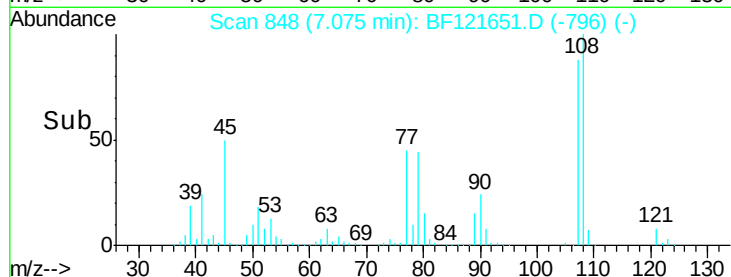
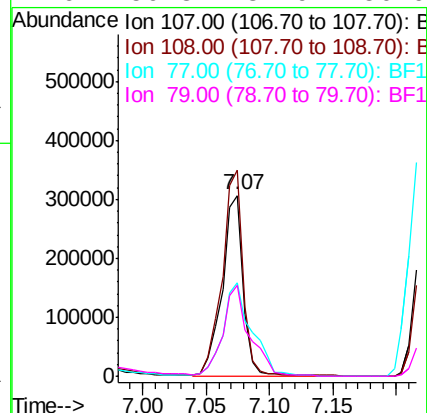
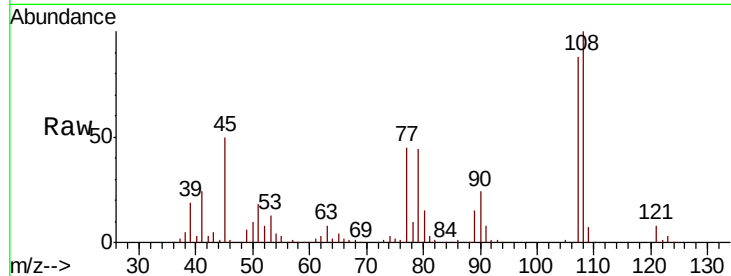
#17
2-Methylphenol
Concen: 41.163 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion:	107	Resp:	355941
Ion Ratio	Lower	Upper	
107	100		
108	114.1	90.6	135.8
77	51.6	38.7	58.1
79	50.3	37.9	56.9

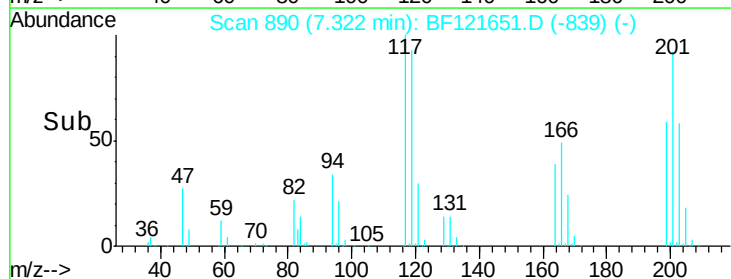
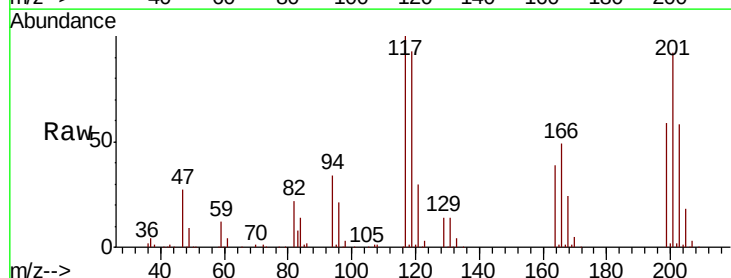
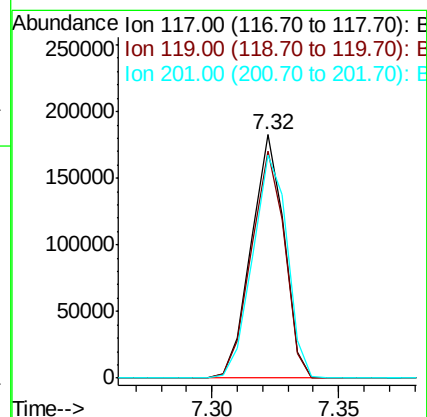
Manual Integrations
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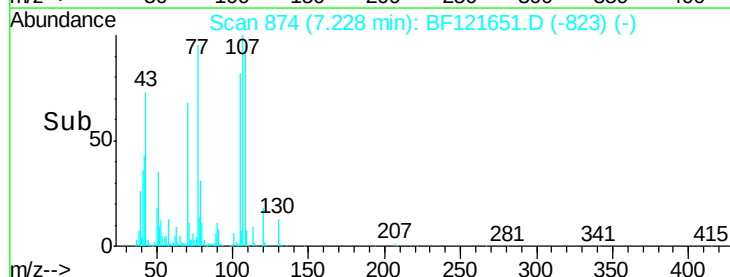
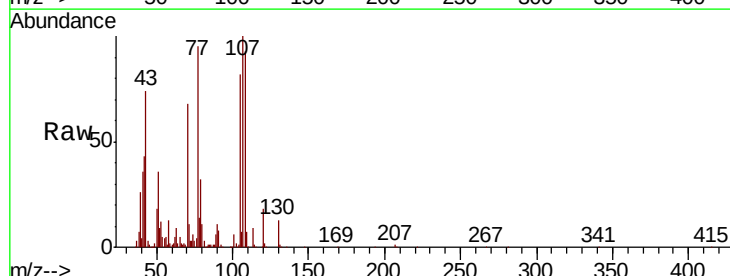
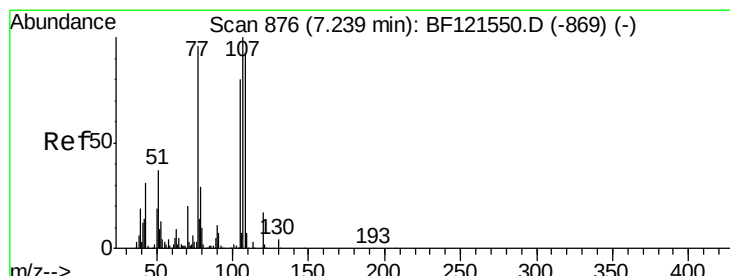
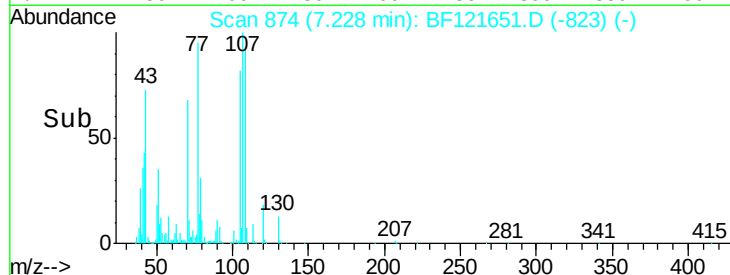
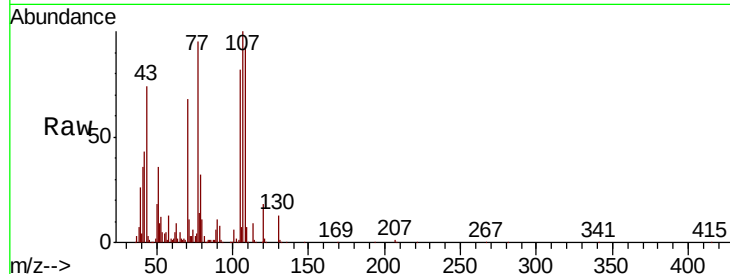
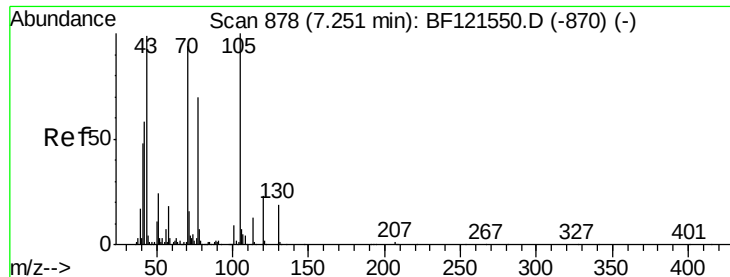
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#18
Hexachloroethane
Concen: 40.469 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:	117	Resp:	165041
Ion Ratio	Lower	Upper	
117	100		
119	93.0	75.7	113.5
201	91.5	77.5	116.3





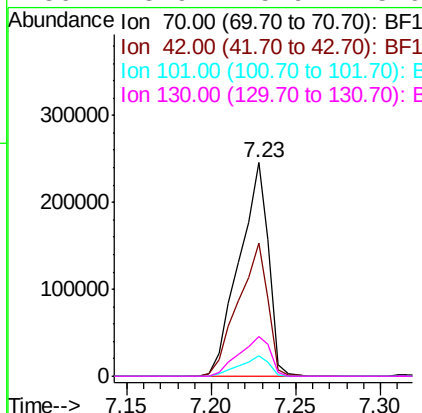
#19
n-Nitroso-di-n-propylamine
Concen: 39.500 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		298115		
42	62.3	48.3	72.5		
101	9.3	7.6	11.4		
130	18.9	15.9	23.9		

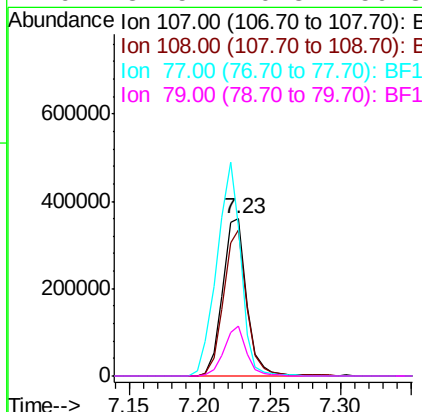
Manual Integrations
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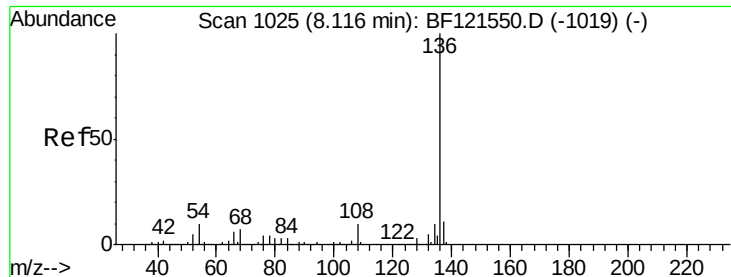
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#20
3+4-Methylphenols
Concen: 40.700 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		422854		
108	93.0	67.0	107.0		
77	95.5	107.7	147.7#		
79	31.5	10.3	50.3		





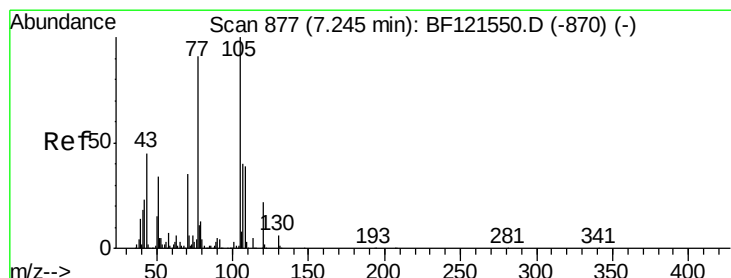
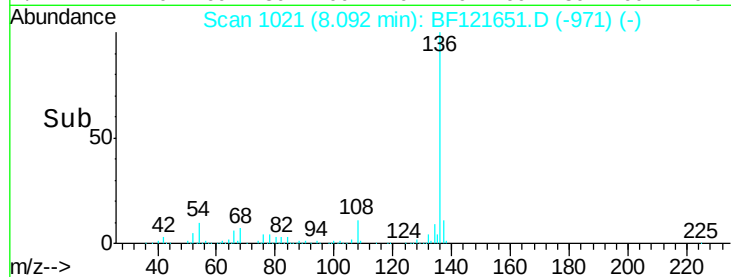
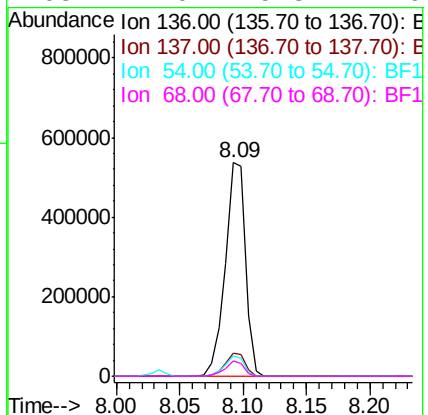
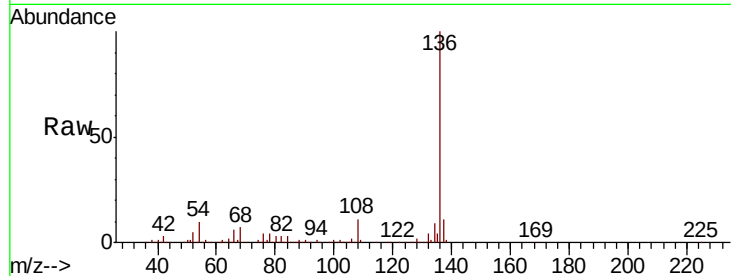
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	589687		
137	11.0	8.9	13.3	
54	9.6	7.4	11.0	
68	7.0	5.3	7.9	

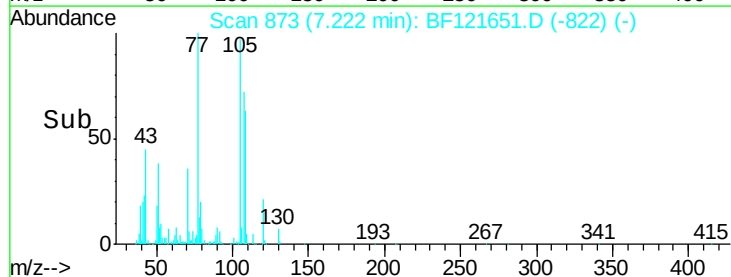
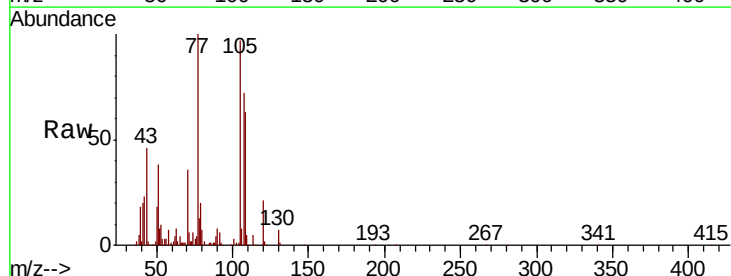
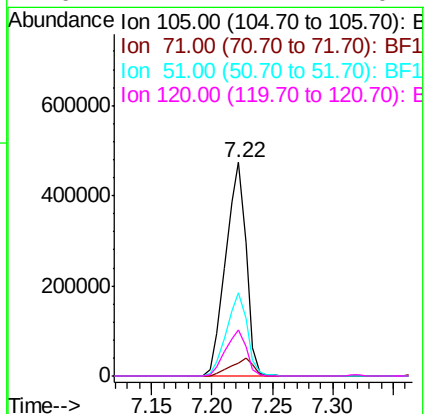
Manual Integrations
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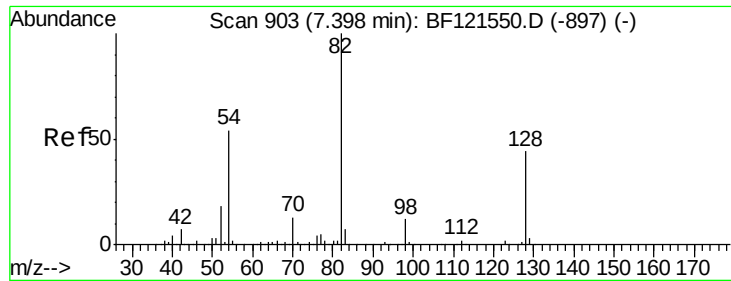
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#22
Acetophenone
Concen: 37.365 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	559030		
71	6.1	5.5	8.3	
51	39.1	31.7	47.5	
120	21.7	17.4	26.2	





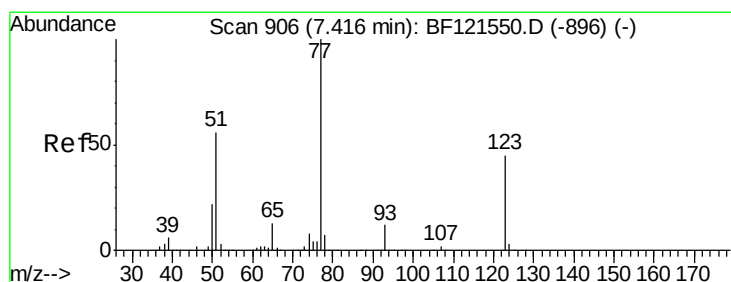
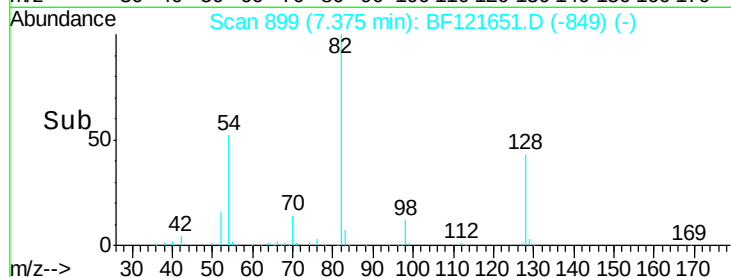
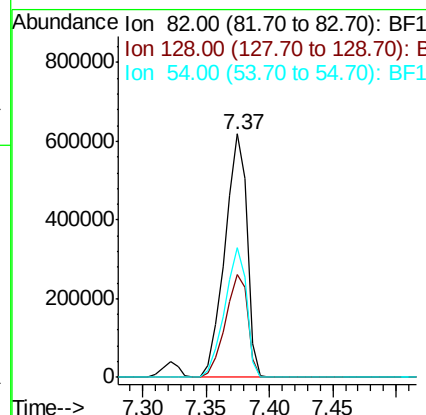
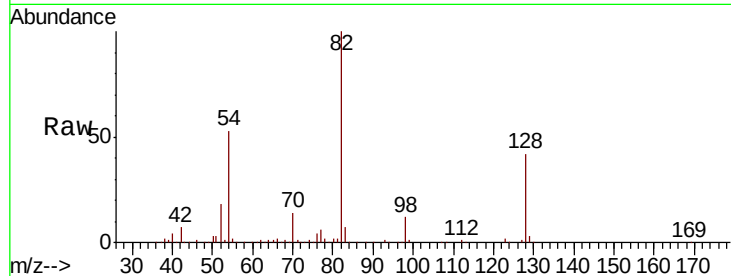
#23
 Nitrobenzene-d5
 Concen: 68.419 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	751433		
128	42.5		33.9	50.9
54	53.1		42.9	64.3

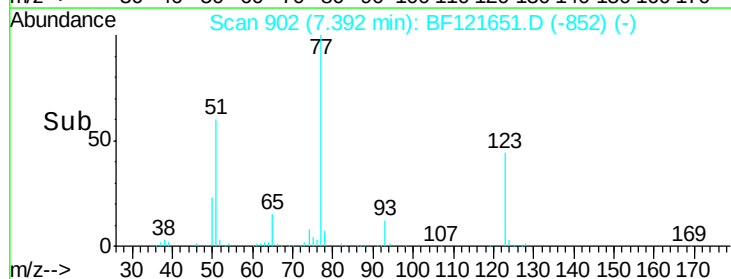
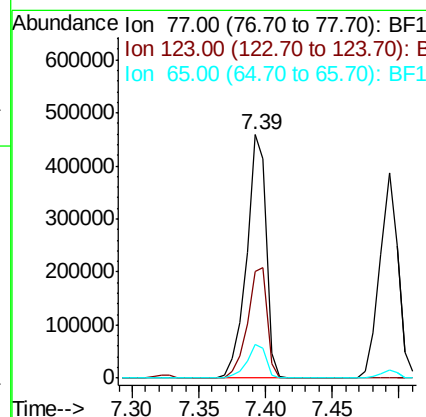
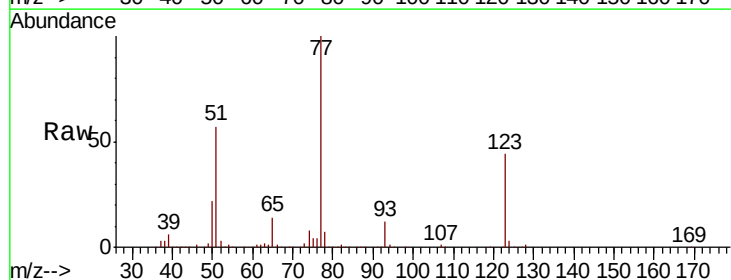
Manual Integrations
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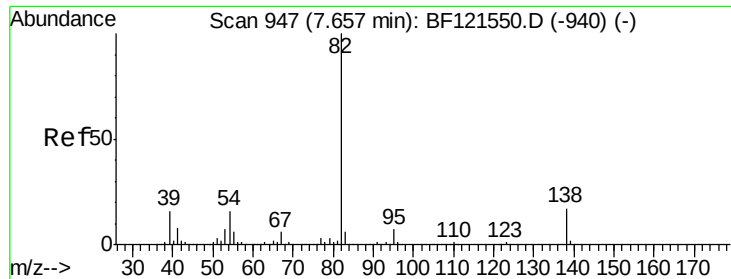
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#24
 Nitrobenzene
 Concen: 38.843 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	461395		
123	44.0		35.8	53.8
65	13.7		11.2	16.8





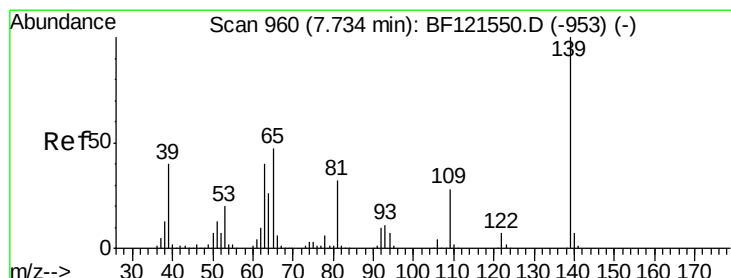
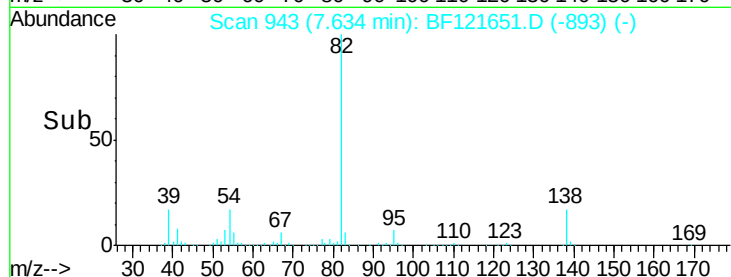
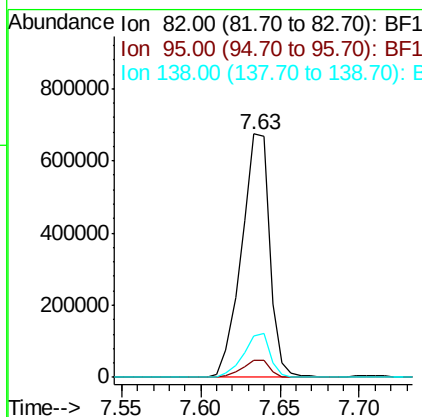
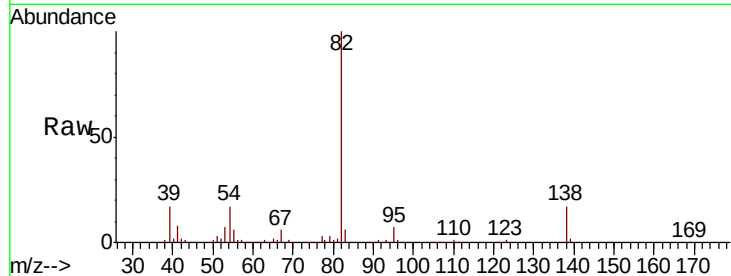
#25
Isophorone
Concen: 37.573 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	16.8	13.2	19.8

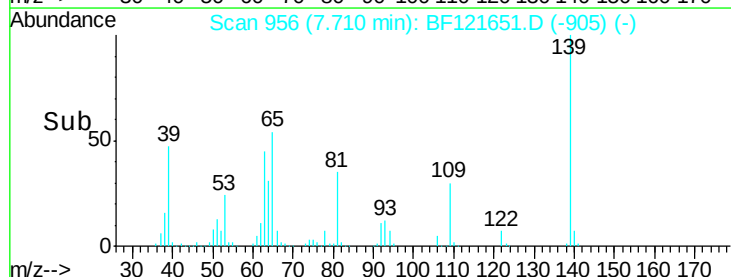
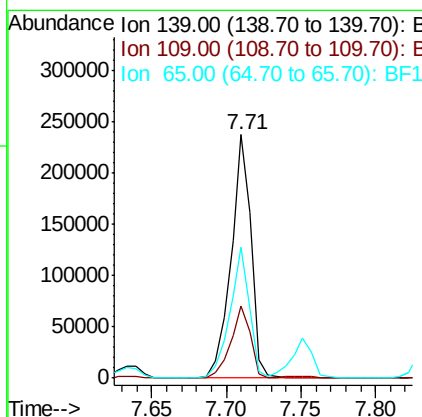
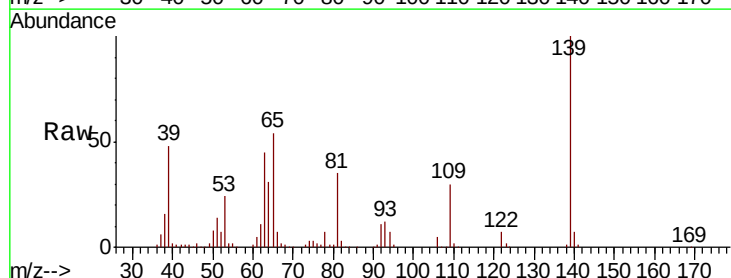
Manual Integrations
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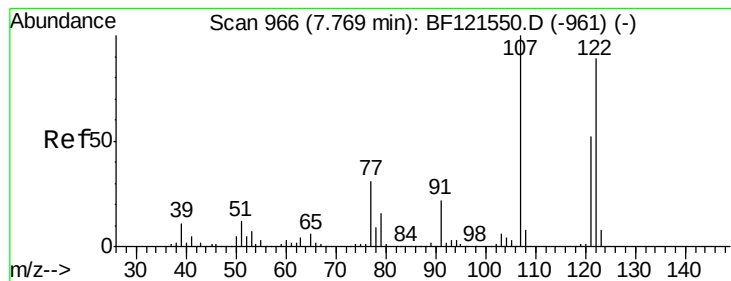
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#26
2-Nitrophenol
Concen: 40.426 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.4	35.2
65	53.8	41.0	61.4





#27

2,4-Dimethylphenol

Concen: 38.567 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

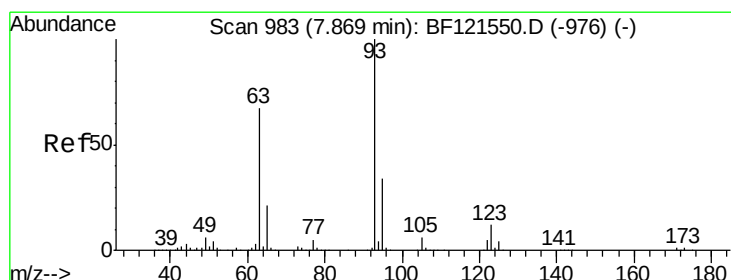
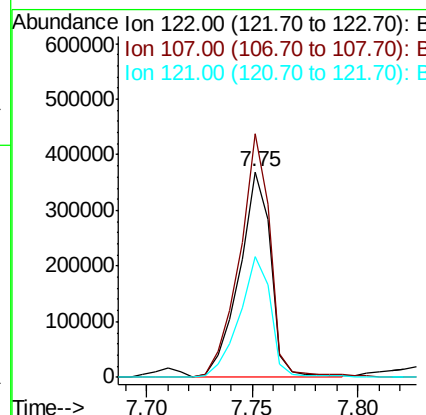
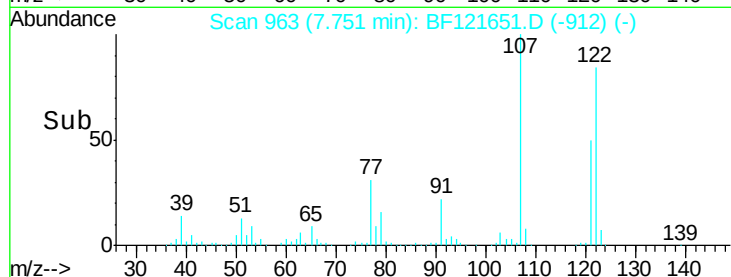
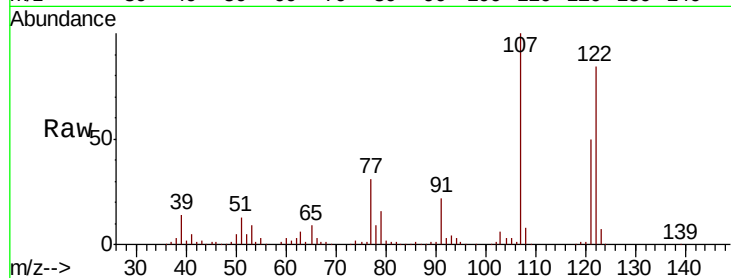
ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:	122	Resp:	380614
Ion Ratio	Lower	Upper	
122	100		
107	118.6	91.4	137.0
121	59.1	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 38.421 ng

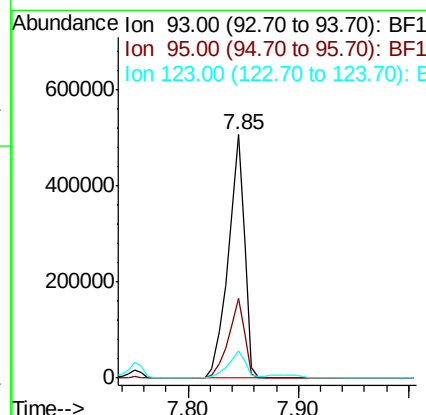
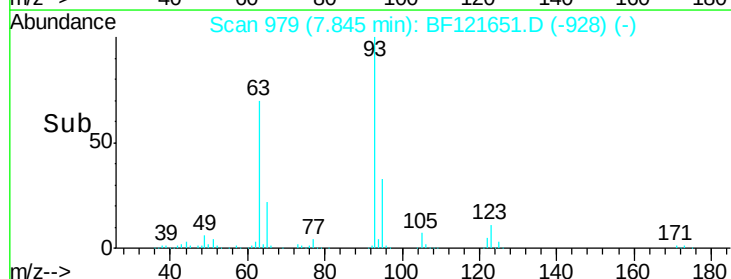
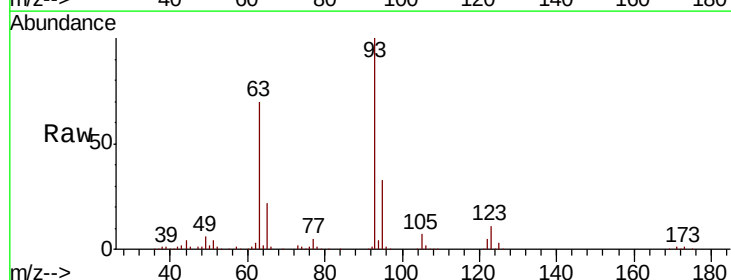
RT: 7.85 min Scan# 979

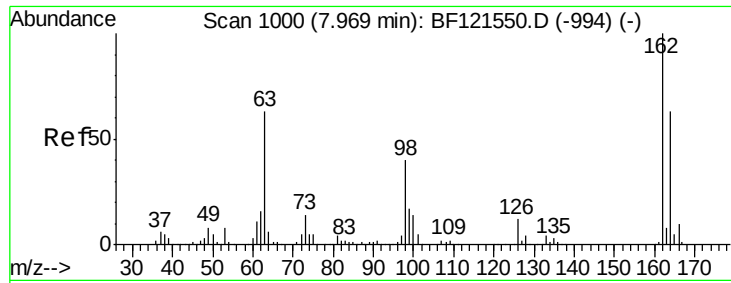
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:	93	Resp:	525860
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.3	9.3	13.9





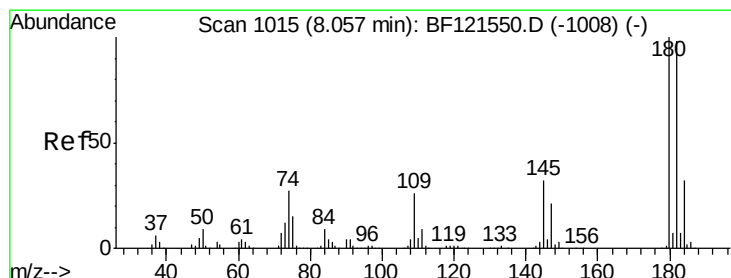
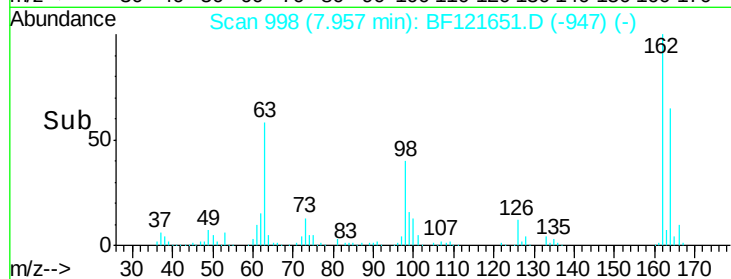
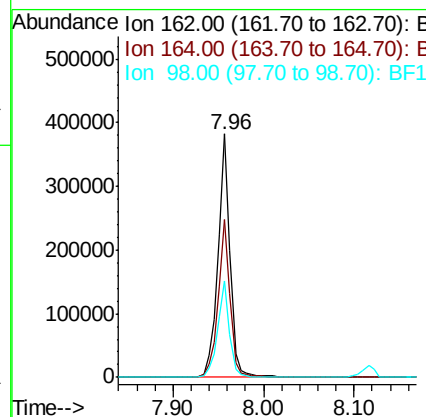
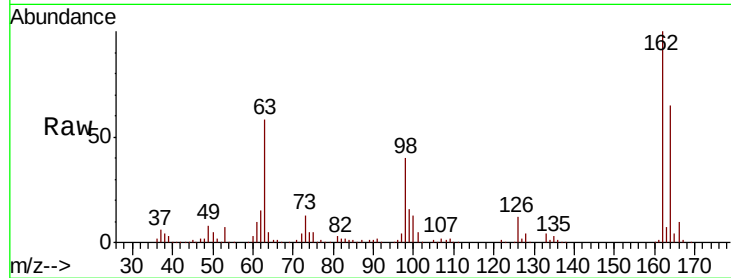
#29
2,4-Dichlorophenol
Concen: 39.838 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	358087		
164	64.7	44.1	84.1	
98	39.7	16.7	56.7	

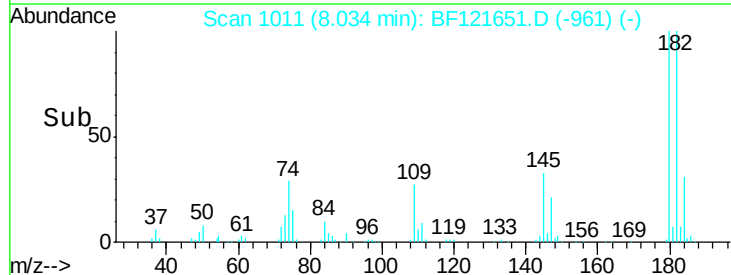
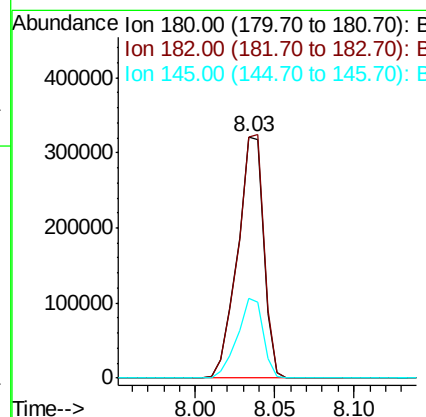
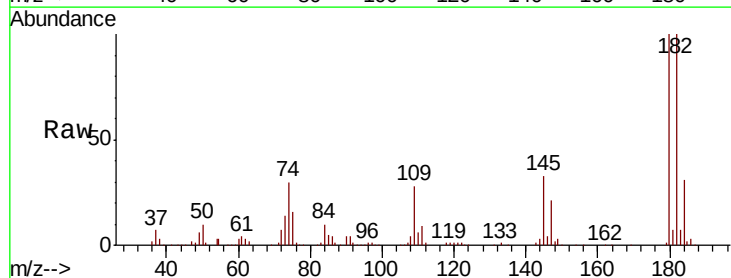
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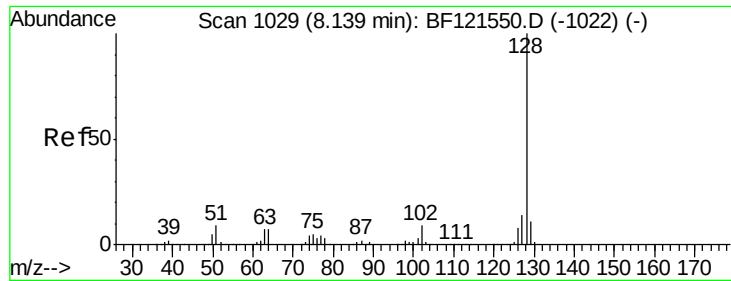
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#30
1,2,4-Trichlorobenzene
Concen: 38.811 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	367412		
182	99.8	78.6	117.8	
145	33.1	26.2	39.2	





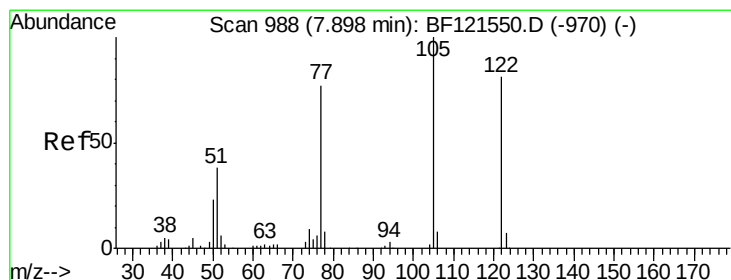
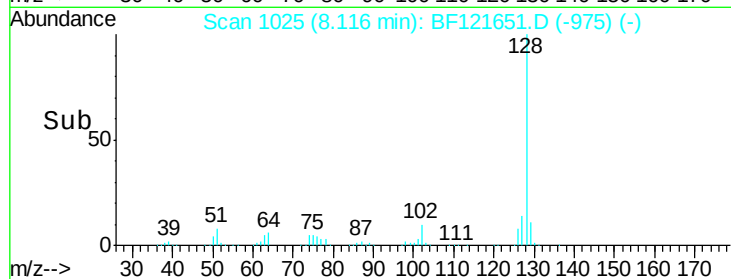
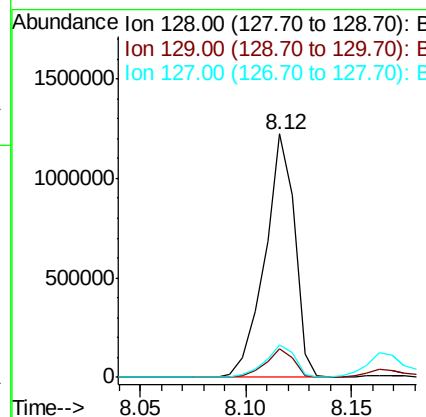
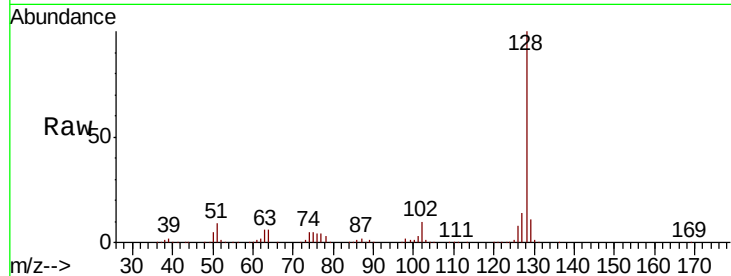
#31
Naphthalene
Concen: 38.461 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.5	10.8	16.2

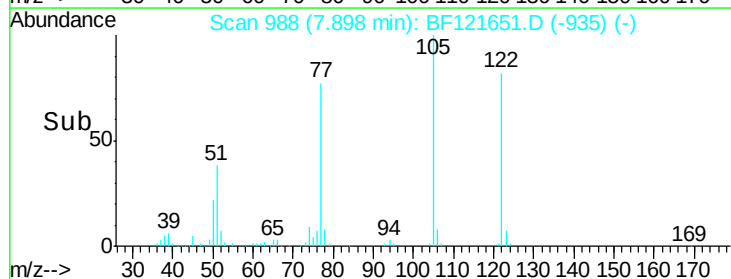
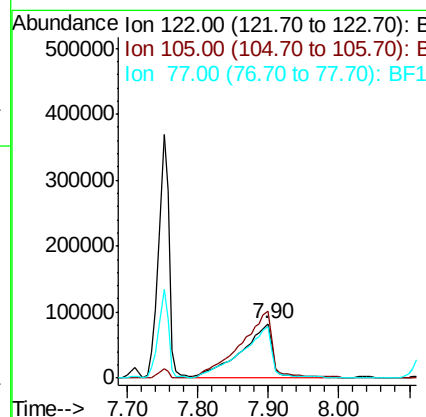
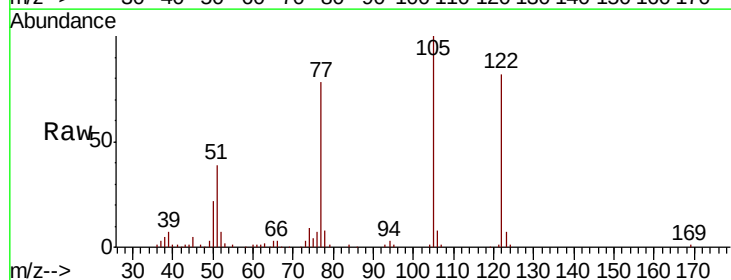
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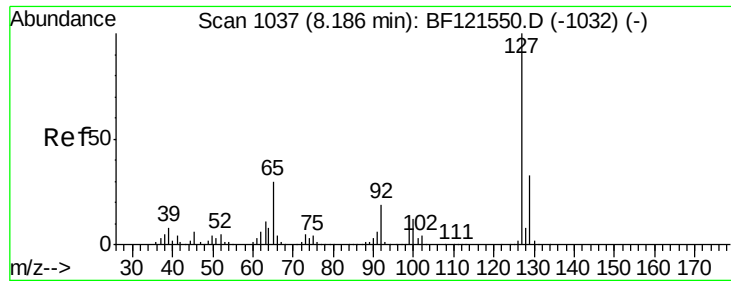
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#32
Benzoic acid
Concen: 36.559 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.9	141.9
77	95.8	69.0	109.0





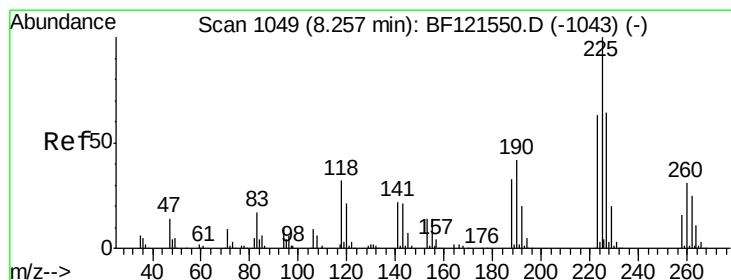
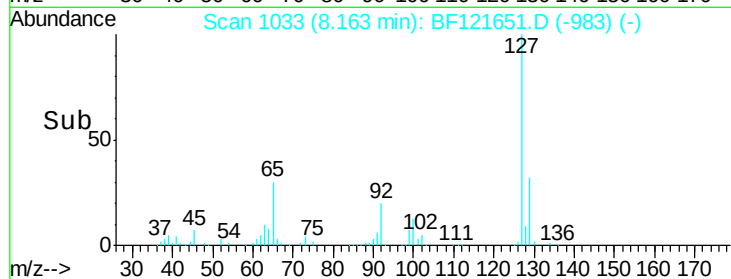
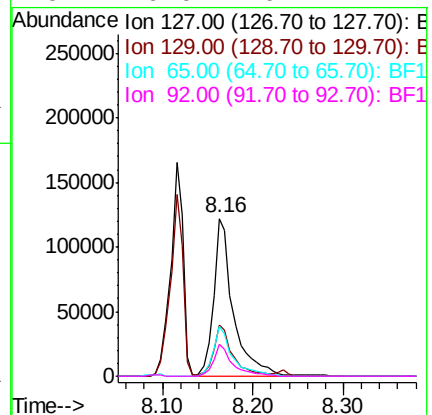
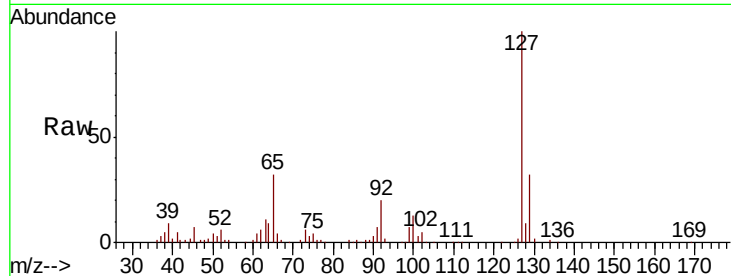
#33
4-Chloroaniline
Concen: 13.882 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.8	38.8		
65	31.7	26.3	39.5		
92	20.0	16.2	24.4		

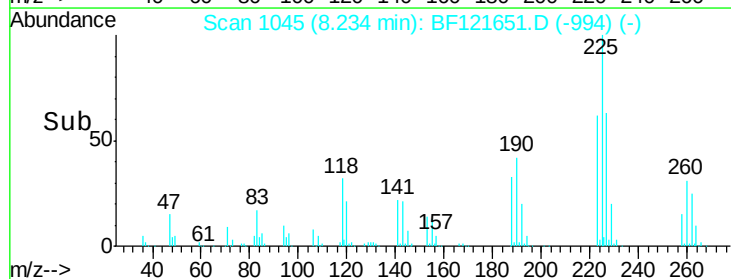
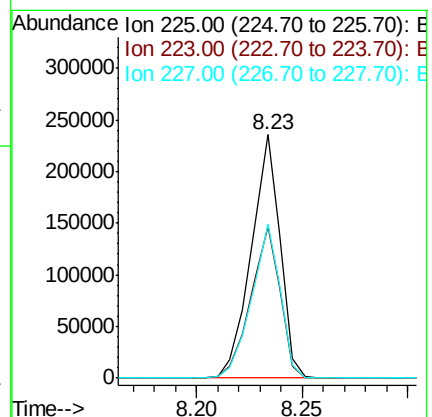
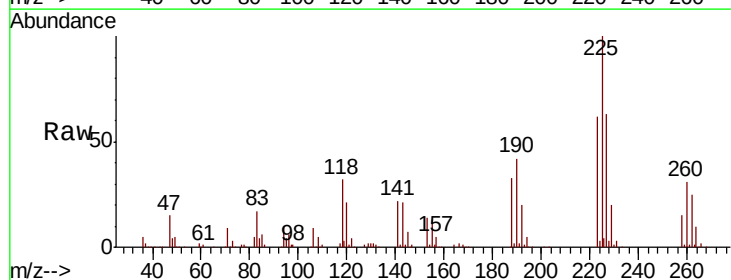
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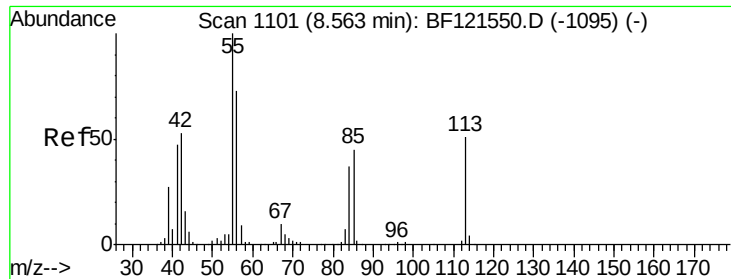
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#34
Hexachlorobutadiene
Concen: 40.135 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.4	77.2		
227	63.1	51.7	77.5		





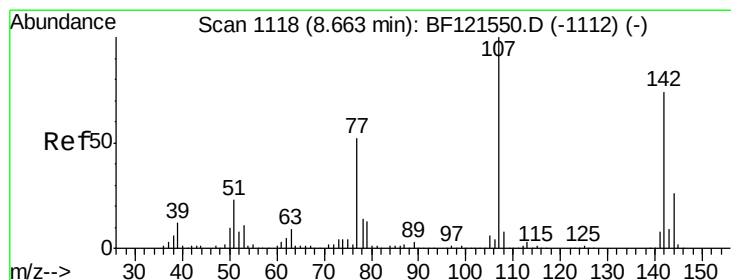
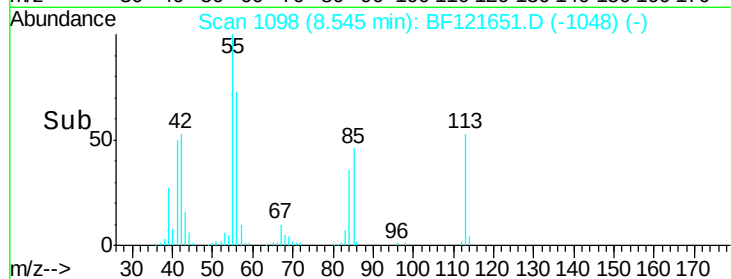
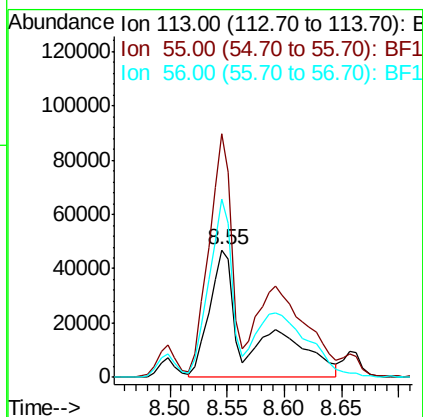
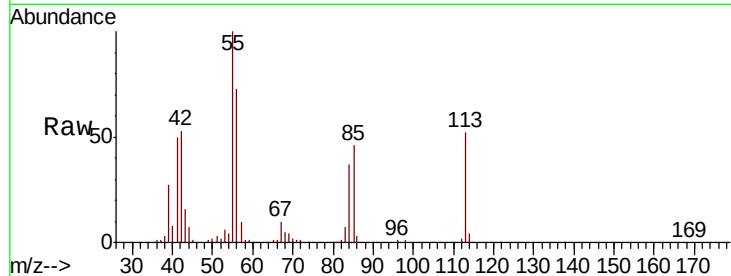
#35
 Caprolactam
 Concen: 40.466 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.7	166.3	206.3
56	139.6	118.7	158.7

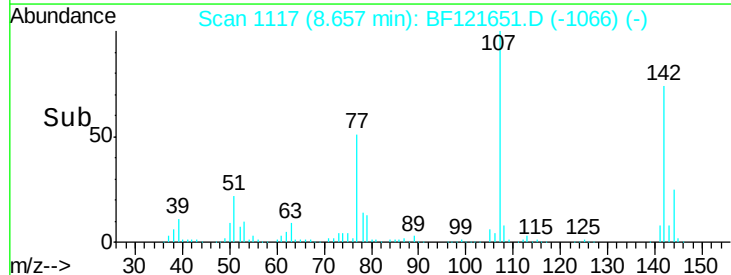
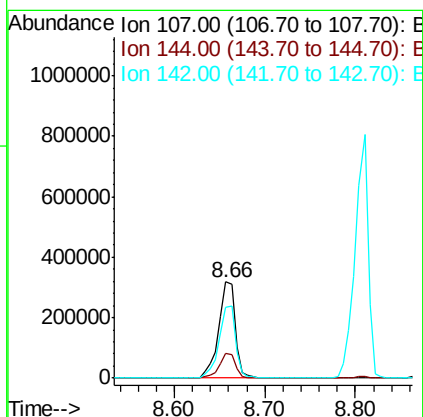
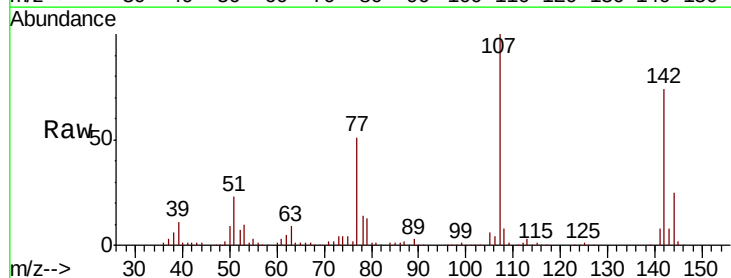
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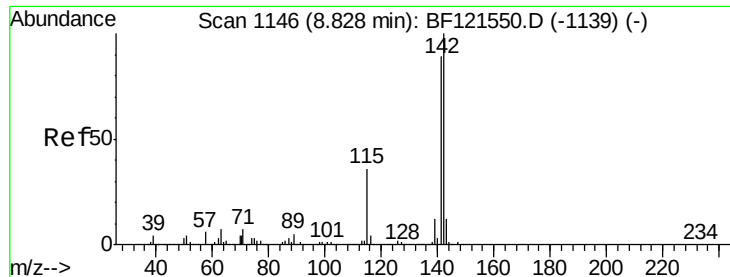
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#36
 4-Chloro-3-methylphenol
 Concen: 41.465 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.6	31.0
142	74.2	61.7	92.5





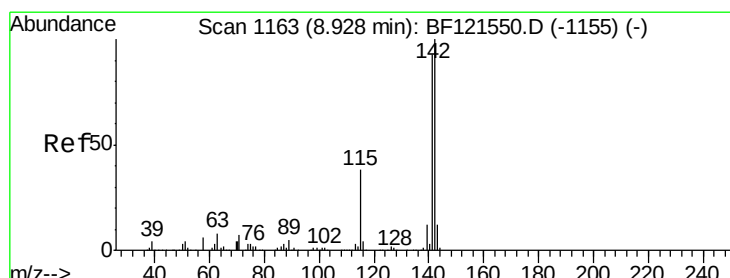
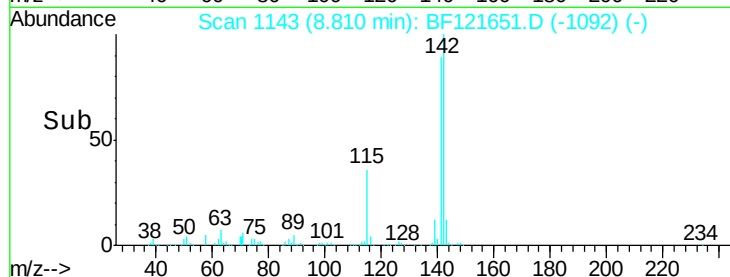
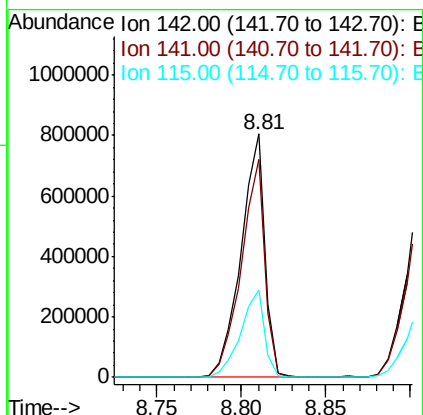
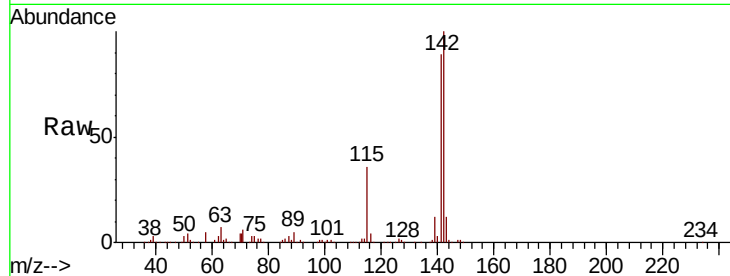
#37
2-Methylnaphthalene
Concen: 38.963 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2
115	35.7	28.5	42.7

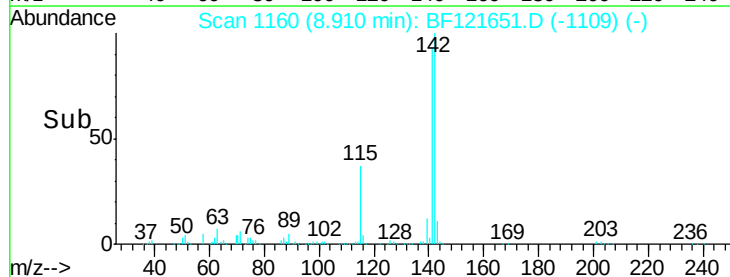
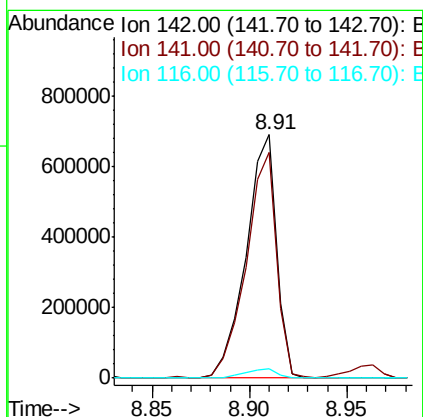
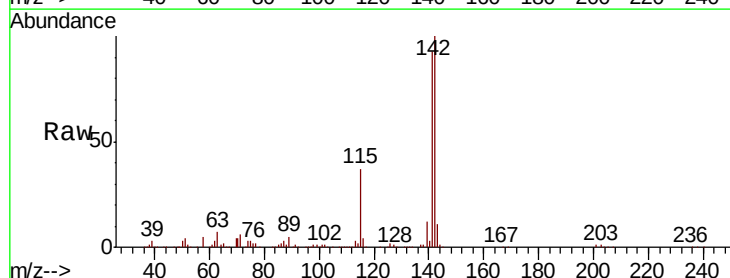
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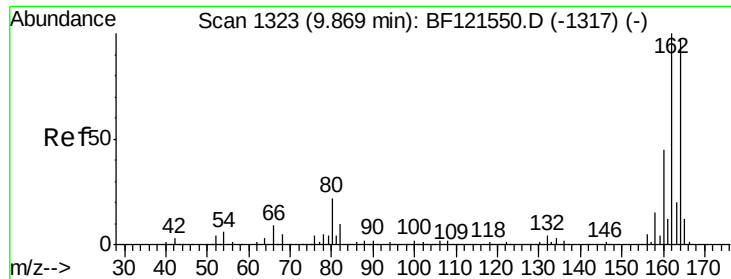
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#38
1-Methylnaphthalene
Concen: 39.288 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt 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: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

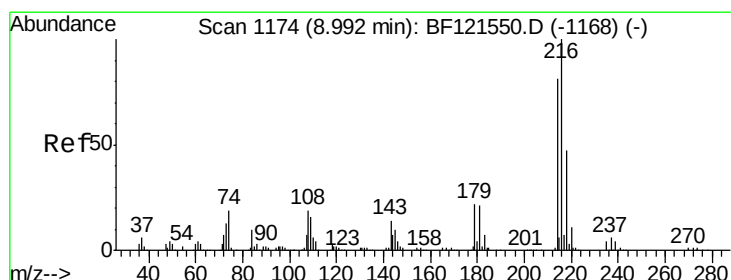
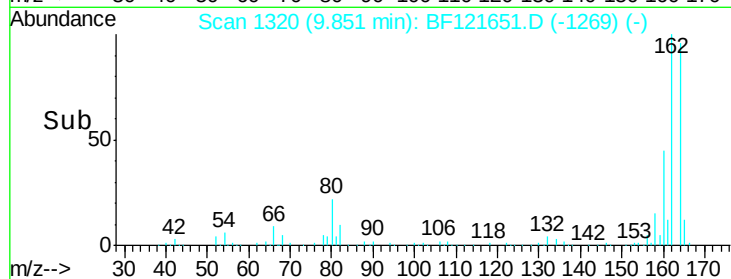
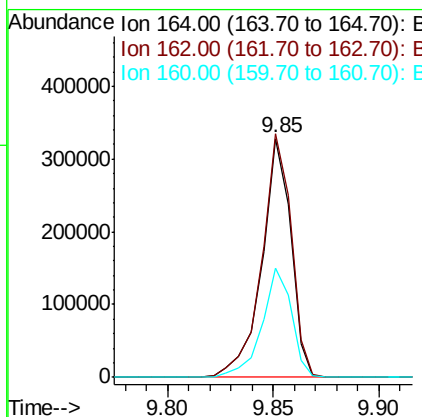
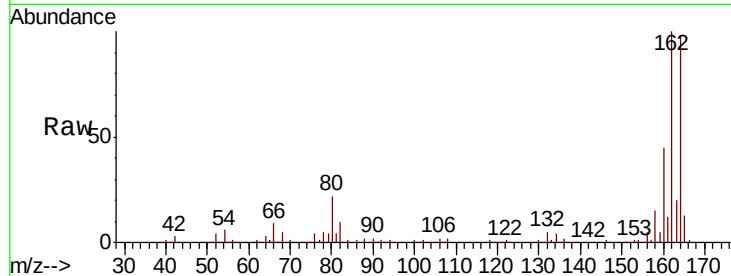
ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:	164	Resp:	315303
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.2	121.8
160	45.9	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.924 ng

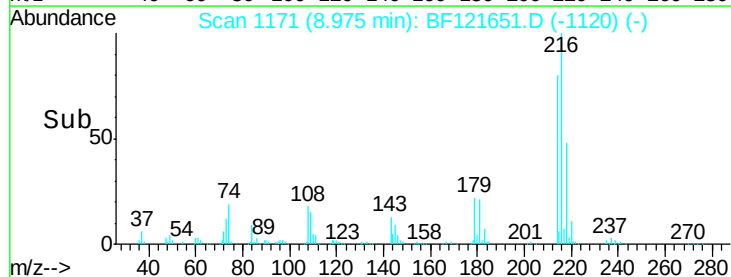
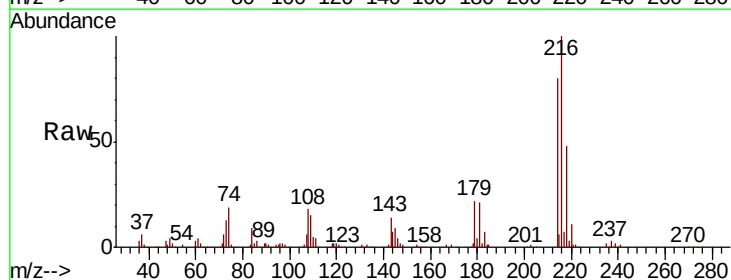
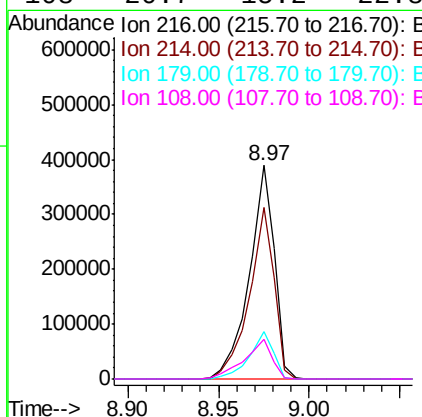
RT: 8.97 min Scan# 1171

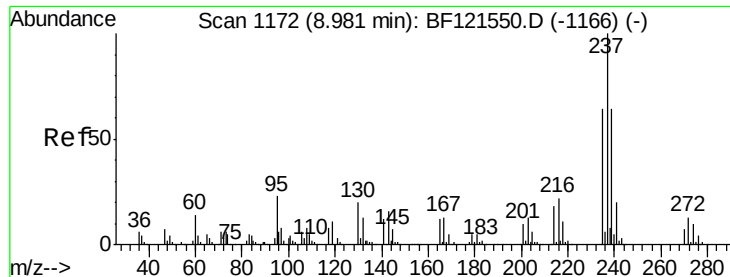
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:	216	Resp:	373515
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	21.2	16.6	24.8
108	20.7	15.2	22.8





#41

Hexachlorocyclopentadiene

Concen: 63.164 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

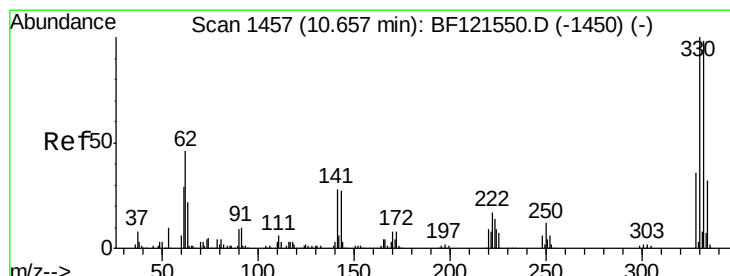
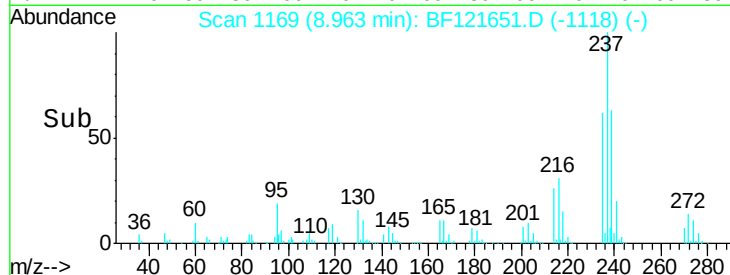
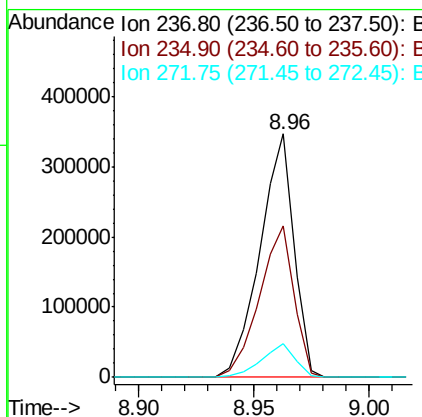
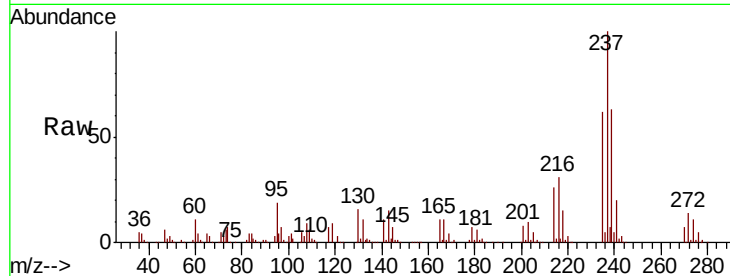
ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:	237	Resp:	355270
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.4	83.4
272	13.8	0.0	34.1

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#42

2,4,6-Tribromophenol

Concen: 93.968 ng

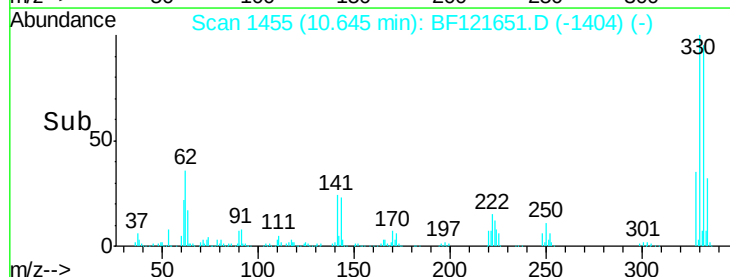
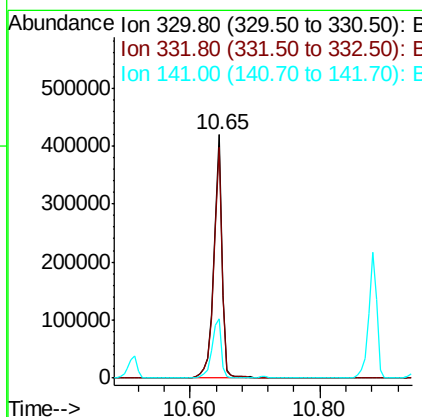
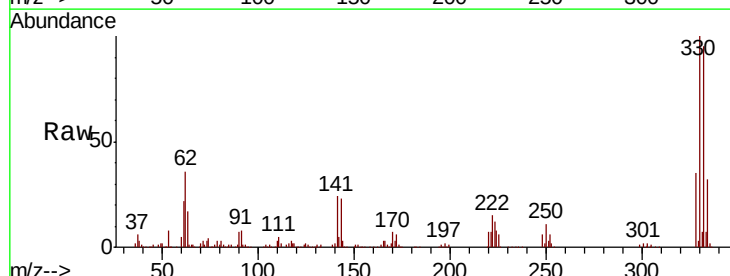
RT: 10.65 min Scan# 1455

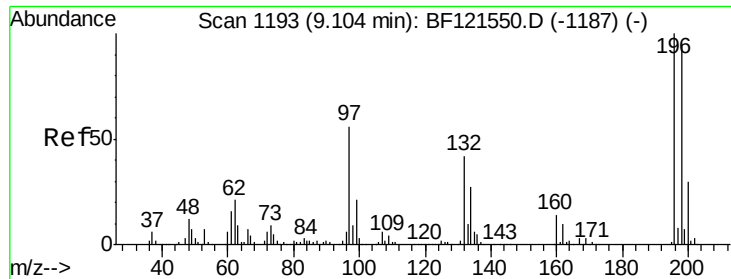
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:	330	Resp:	368242
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	28.2	22.4	33.6





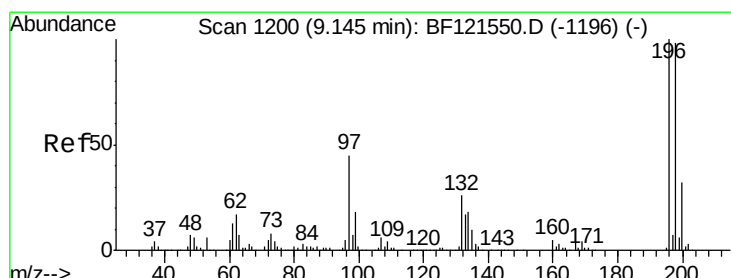
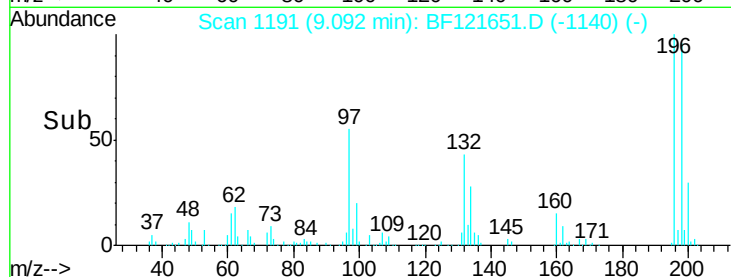
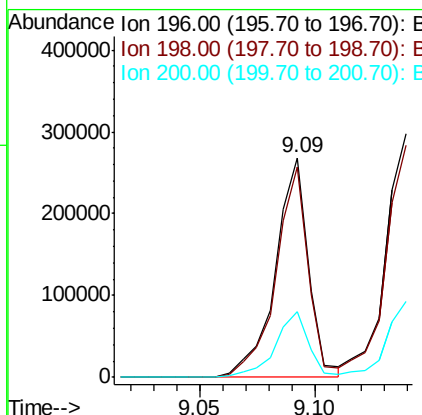
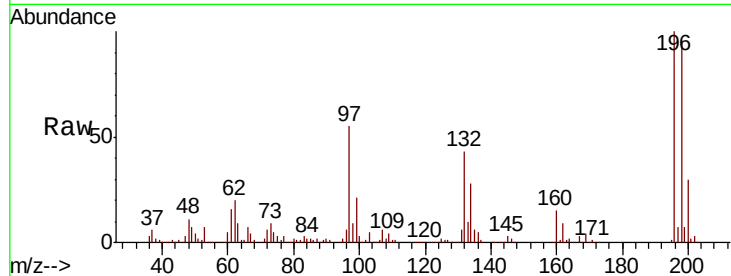
#43
2,4,6-Trichlorophenol
Concen: 39.503 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265192		
198	95.8	75.4	113.2	
200	30.1	24.5	36.7	

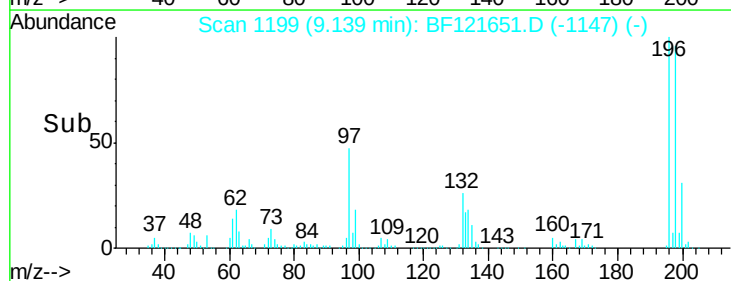
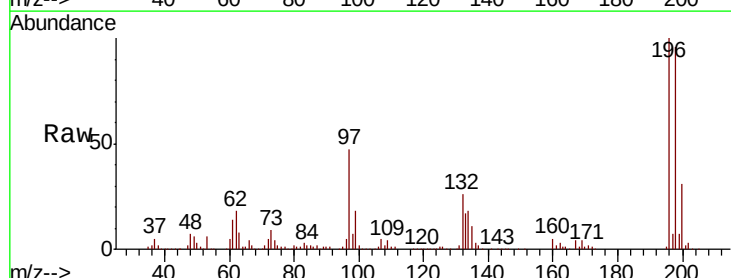
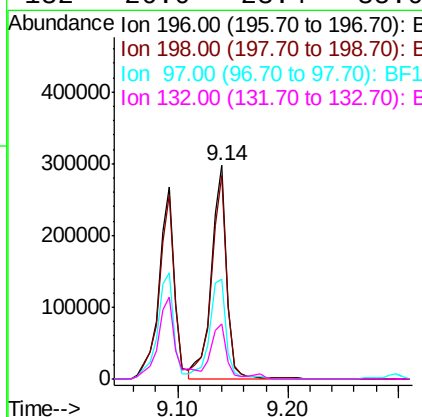
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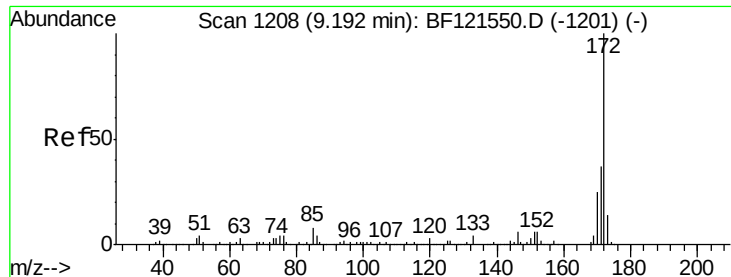
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#44
2,4,5-Trichlorophenol
Concen: 39.468 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280106		
198	95.5	74.3	111.5	
97	46.5	44.2	66.2	
132	26.0	23.4	35.0	





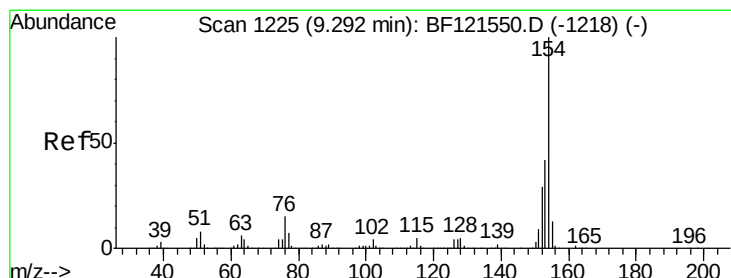
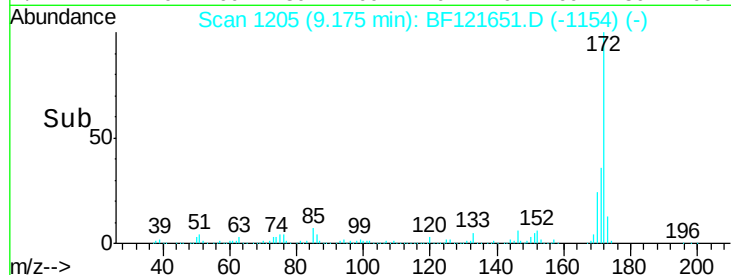
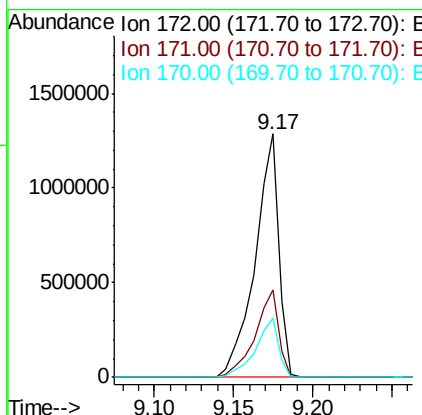
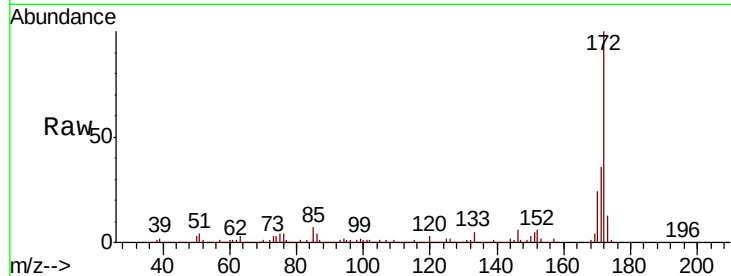
#45
2-Fluorobiphenyl
Concen: 64.410 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.4	19.5	29.3

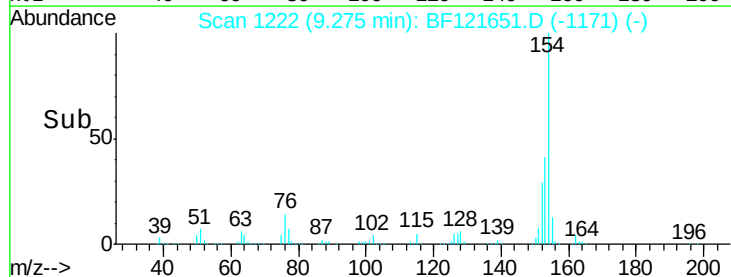
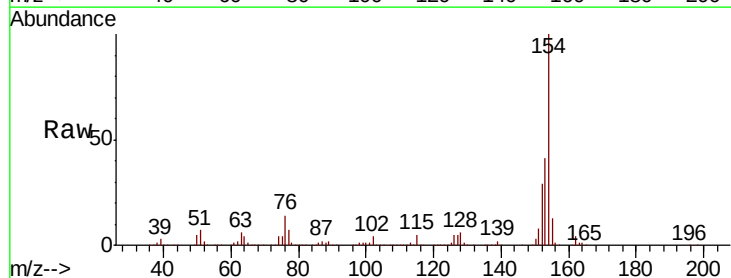
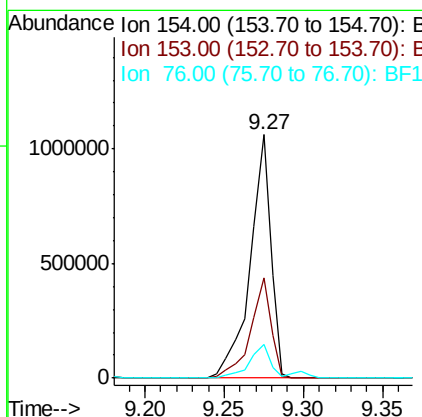
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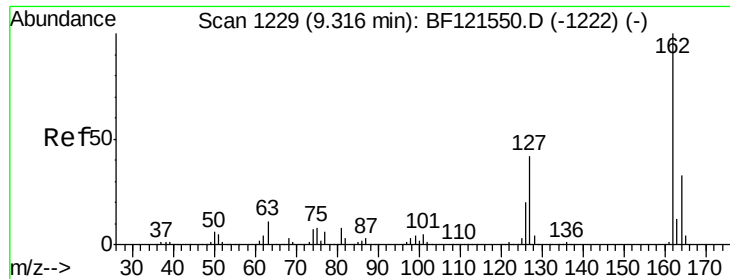
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#46
1,1'-Biphenyl
Concen: 38.106 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	14.0	0.0	34.1





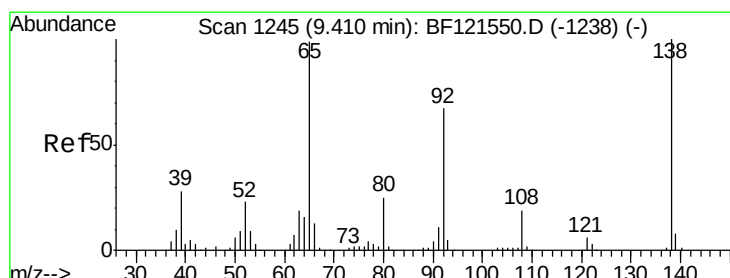
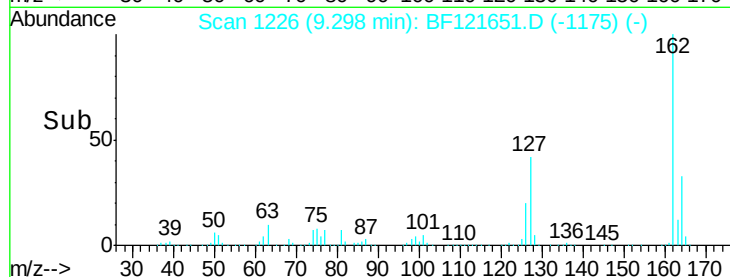
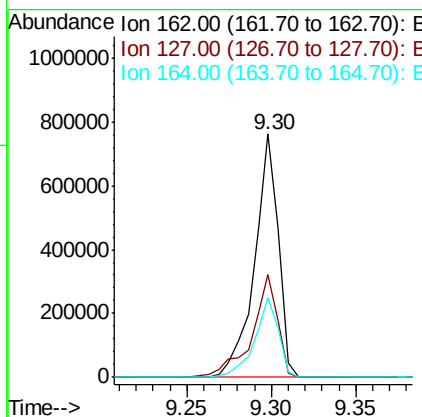
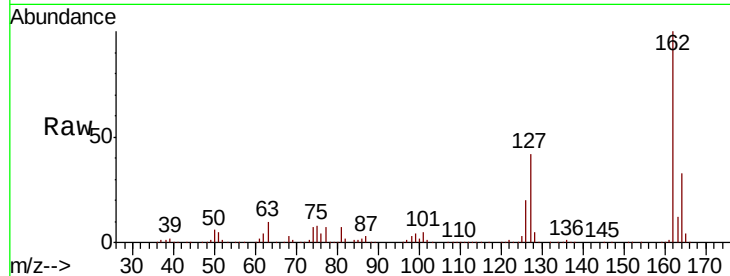
#47
2-Chloronaphthalene
Concen: 37.623 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.2	51.4
164	32.8	27.0	40.4

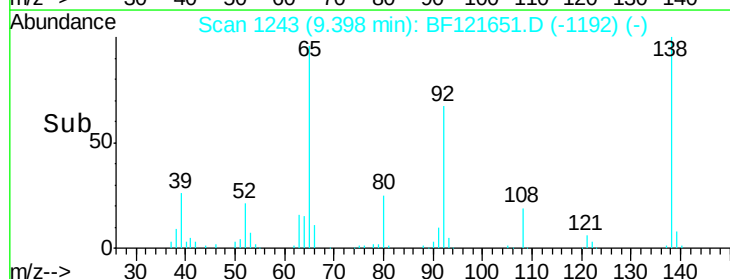
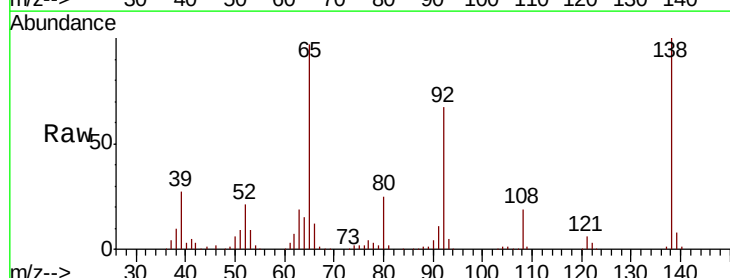
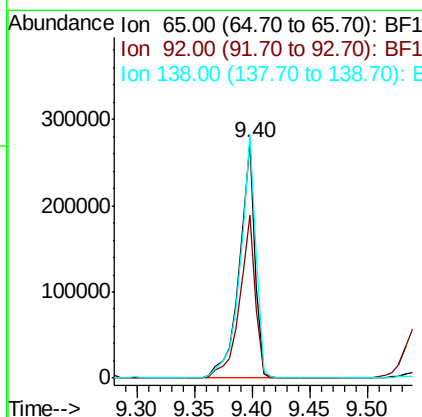
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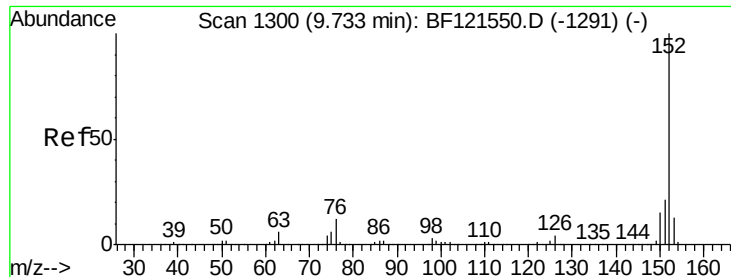
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#48
2-Nitroaniline
Concen: 41.723 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	56.0	84.0
138	103.5	84.7	127.1





#49

Acenaphthylene

Concen: 39.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

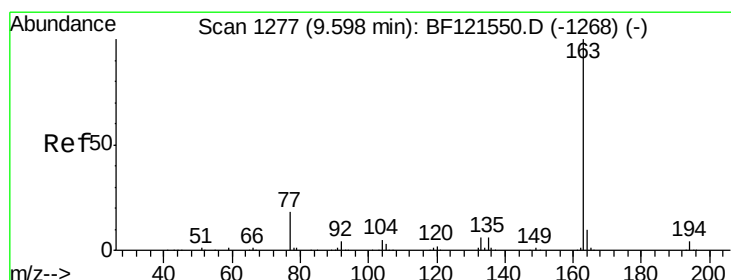
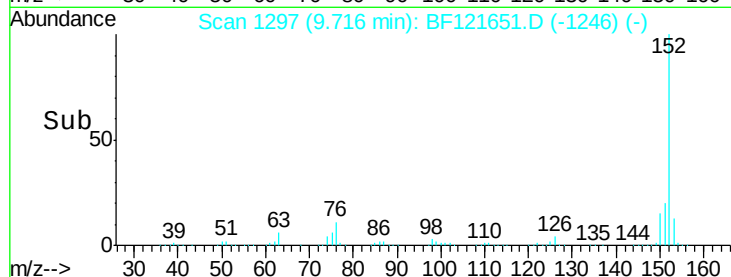
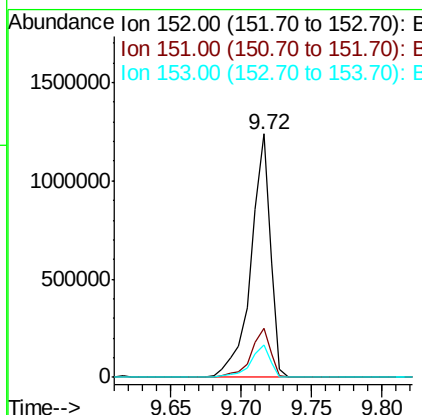
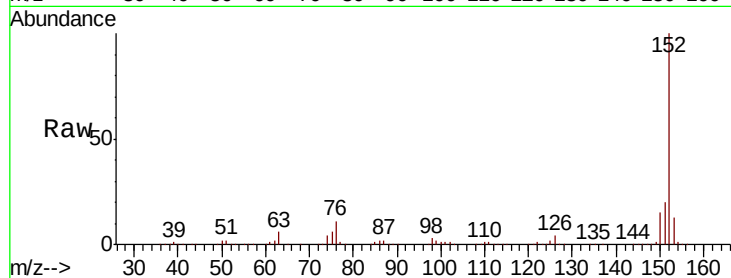
ClientSampleId :

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Tot Ion:	152	Resp:	1191926
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.4	10.7	16.1

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#50

Dimethylphthalate

Concen: 45.932 ng

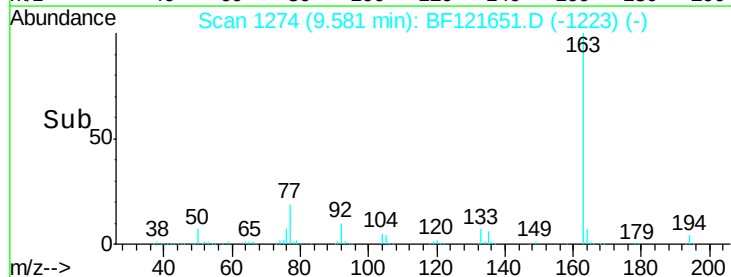
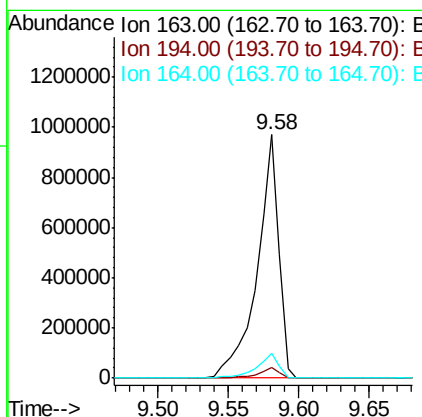
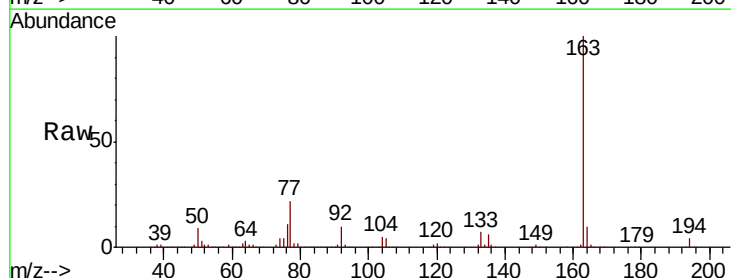
RT: 9.58 min Scan# 1274

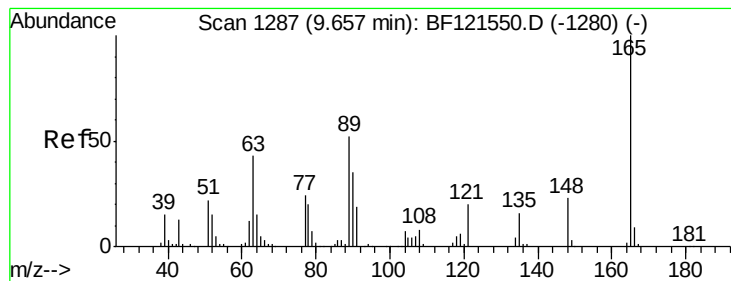
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion:	163	Resp:	1049669
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 42.403 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

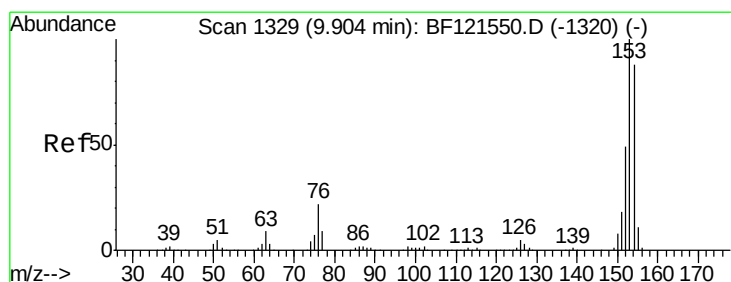
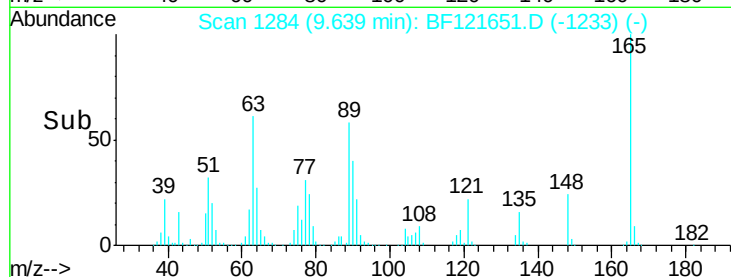
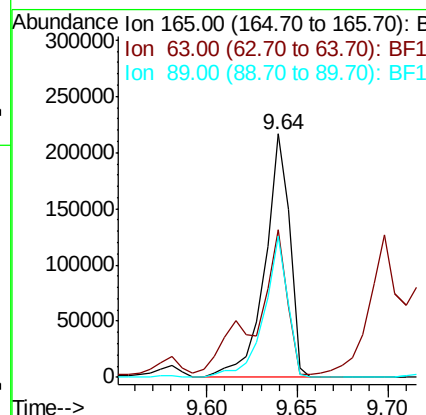
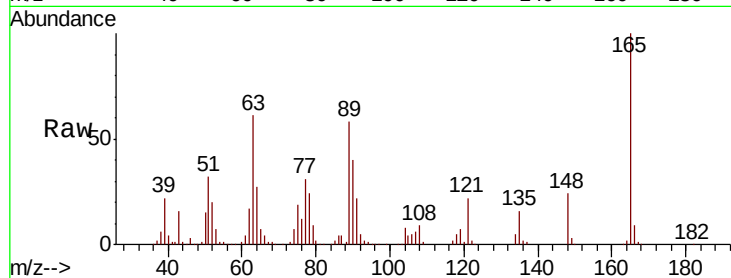
ClientSampleId :

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Tot Ion	165	Resp	206371
Ion Ratio	Lower	Upper	
165	100		
63	60.7	47.6	71.4
89	58.1	46.0	69.0

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#52

Acenaphthene

Concen: 36.701 ng

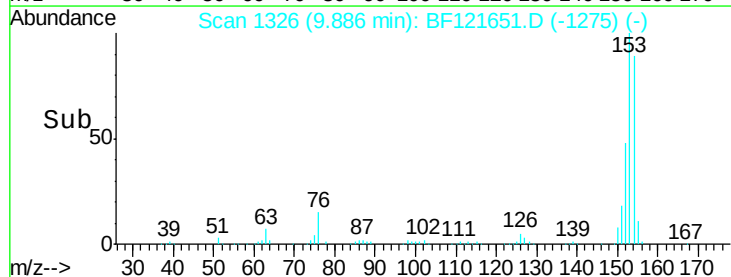
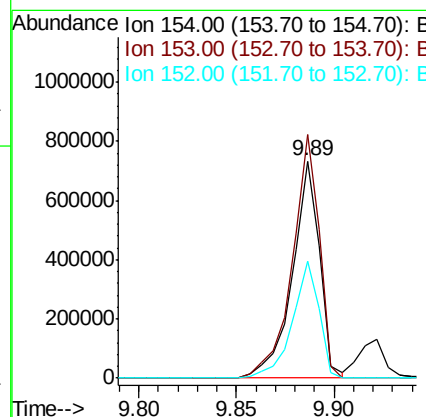
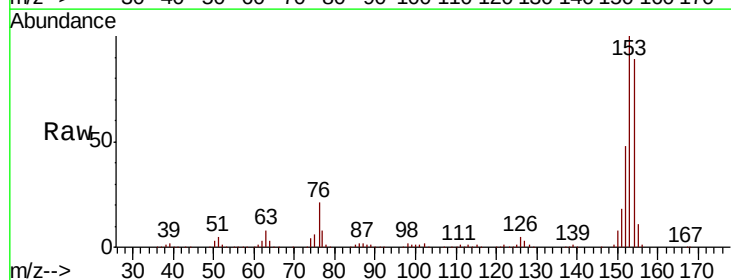
RT: 9.89 min Scan# 1326

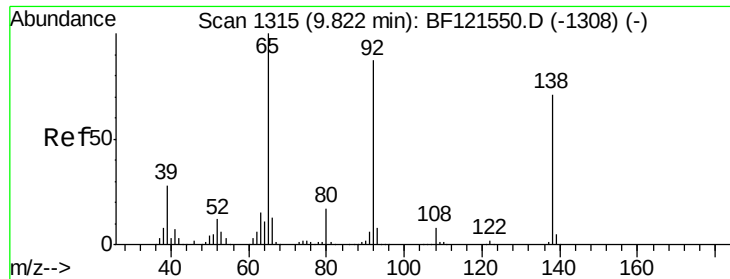
Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Tgt Ion	154	Resp	708457
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.9	134.9
152	53.9	43.8	65.6





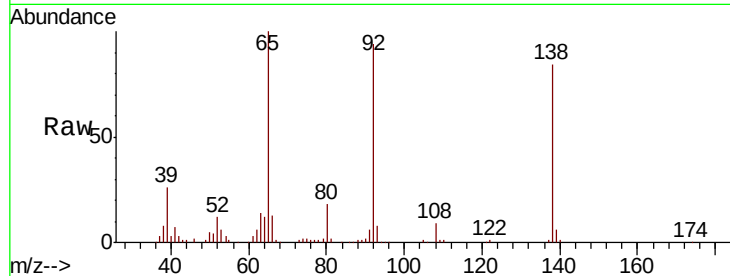
#53
3-Nitroaniline
Concen: 20.364 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

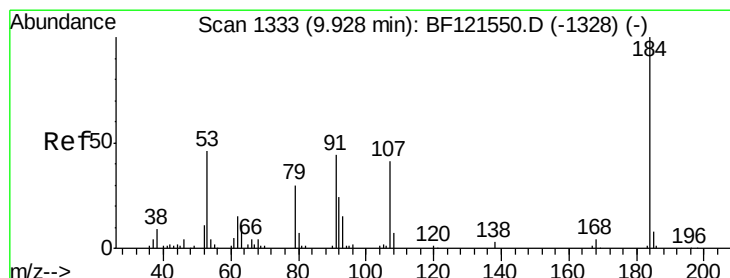
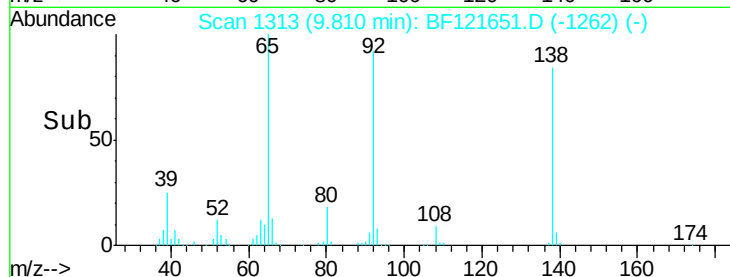
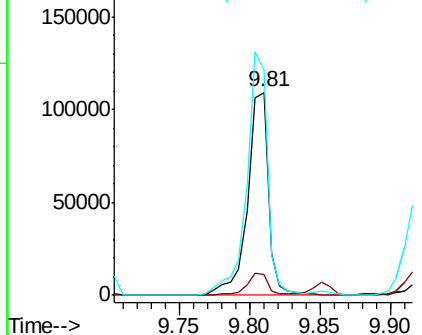
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	111.1	96.5	144.7

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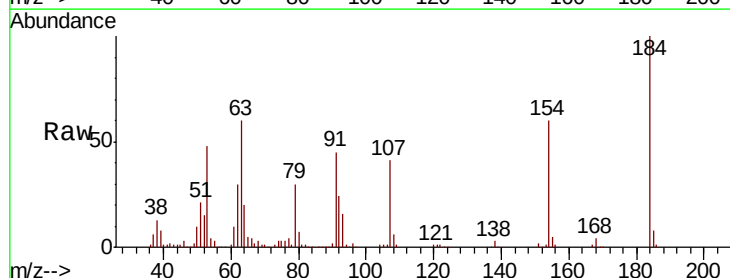


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

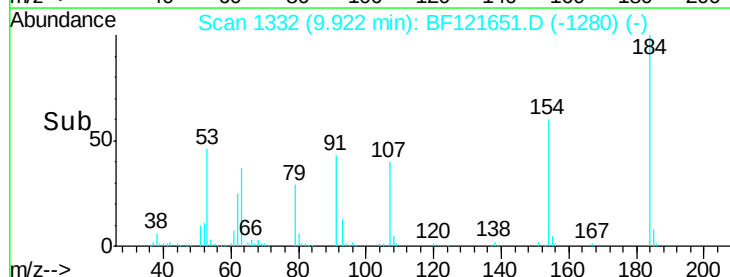
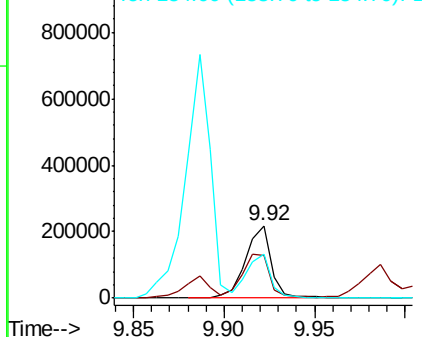


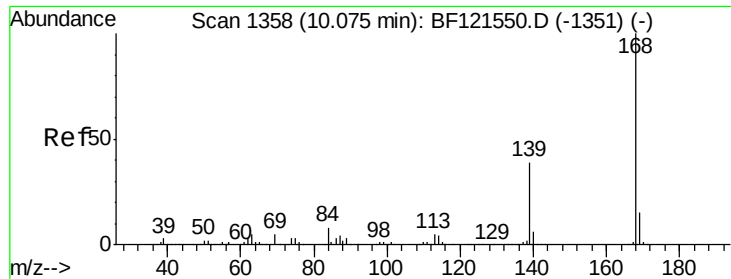
#54
2,4-Dinitrophenol
Concen: 77.672 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	51.5	77.3
154	59.7	46.6	70.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





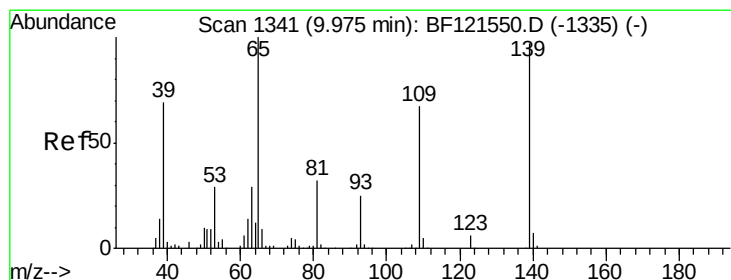
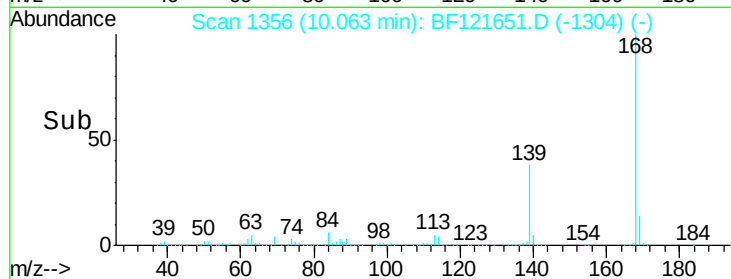
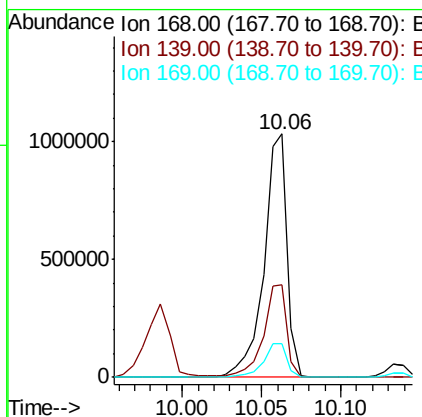
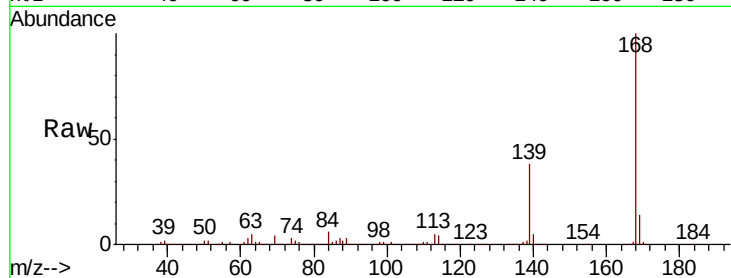
#55
Dibenzofuran
Concen: 38.641 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.8	47.8
169	14.1	11.6	17.4

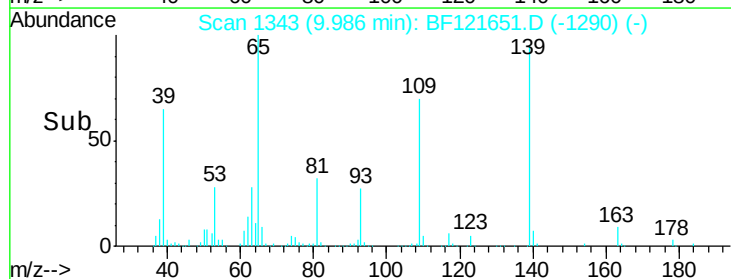
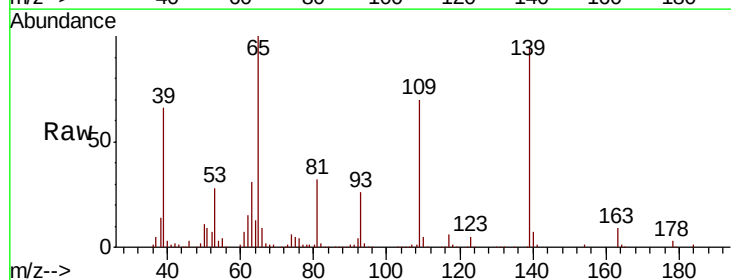
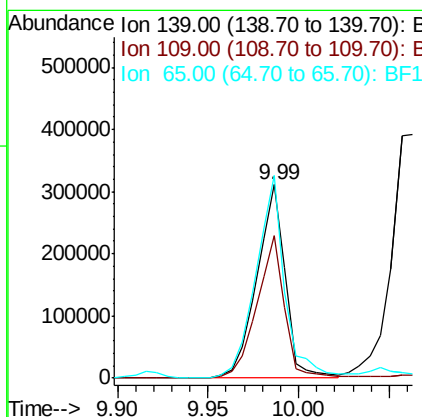
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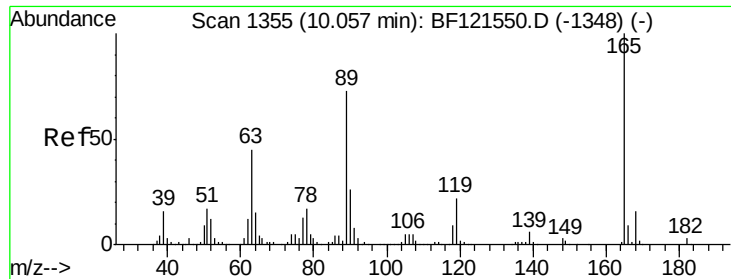
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#56
4-Nitrophenol
Concen: 75.583 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.6	48.1	88.1
65	105.0	74.7	114.7





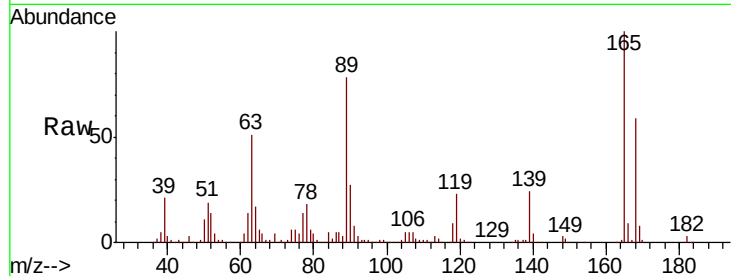
#57
 2,4-Dinitrotoluene
 Concen: 45.249 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

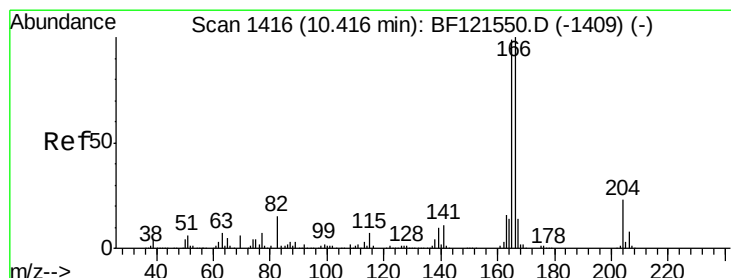
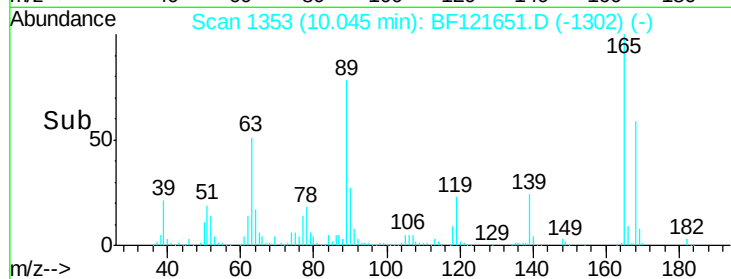
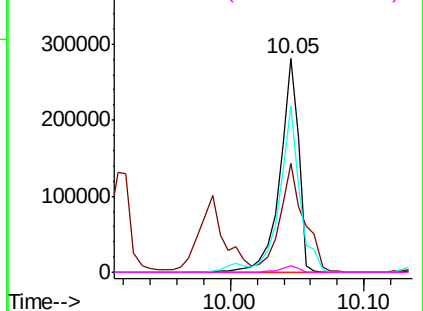
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		277050		
63	51.0	36.7	55.1		
89	77.8	57.7	86.5		
182	2.8	2.1	3.1		

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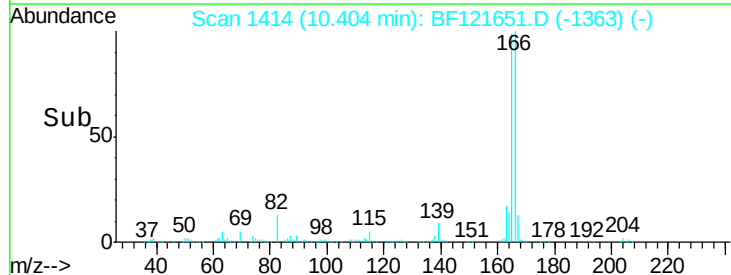
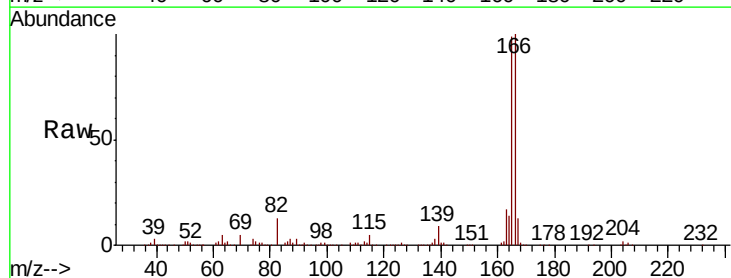
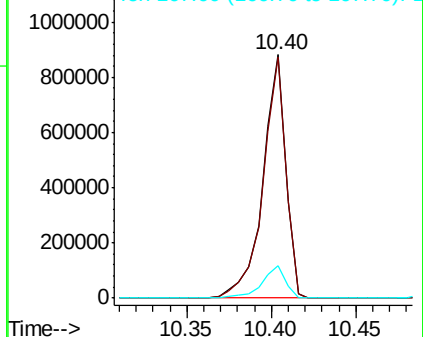
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

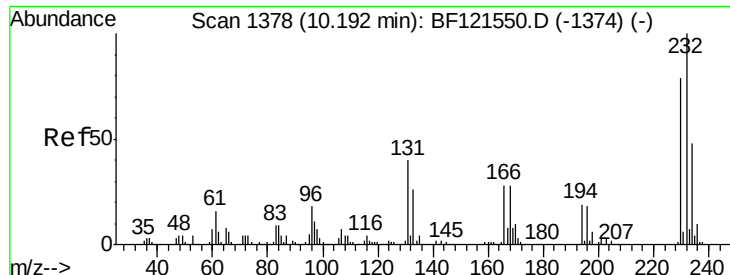


#58
 Fluorene
 Concen: 39.713 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		825589		
165	98.9	80.1	120.1		
167	13.1	10.8	16.2		

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





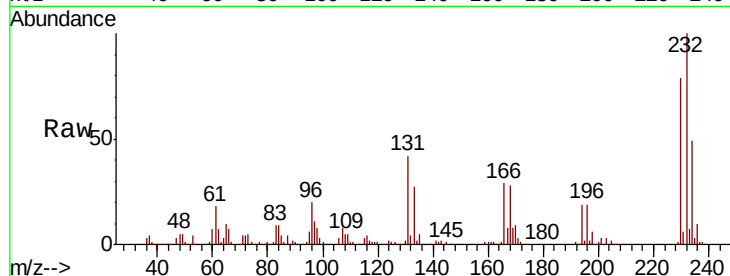
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.816 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

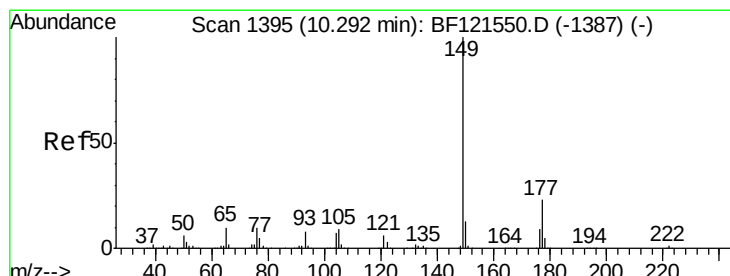
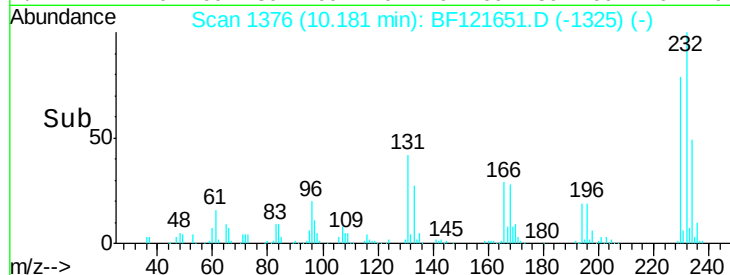
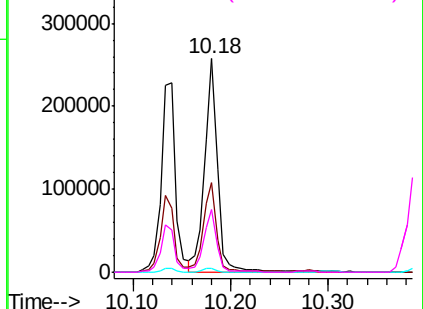
Tot Ion	Ratio	Resp	Lower	Upper
232	100	235494		
131	42.5		35.1	52.7
130	2.2		1.6	2.4
166	29.5		23.3	34.9

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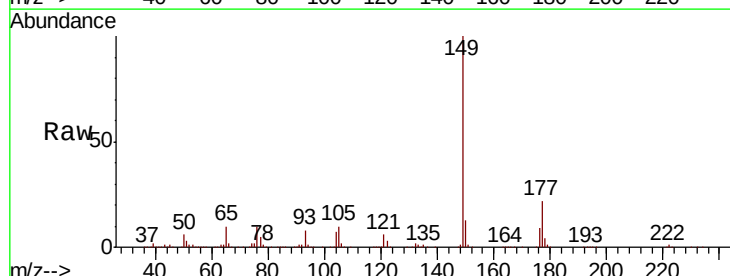


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

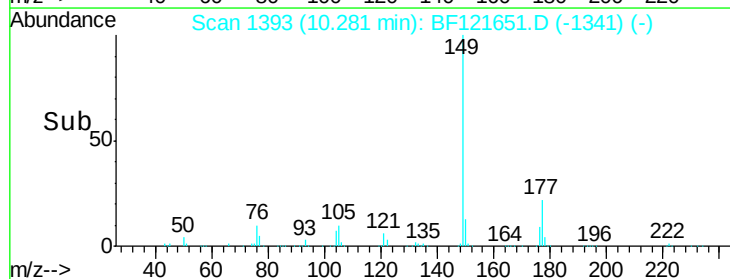
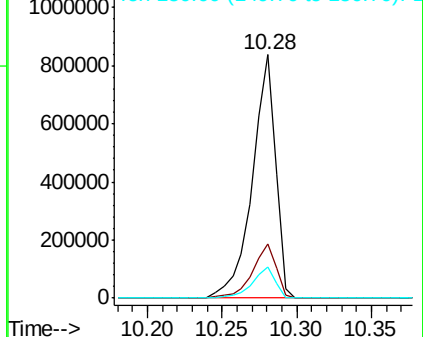


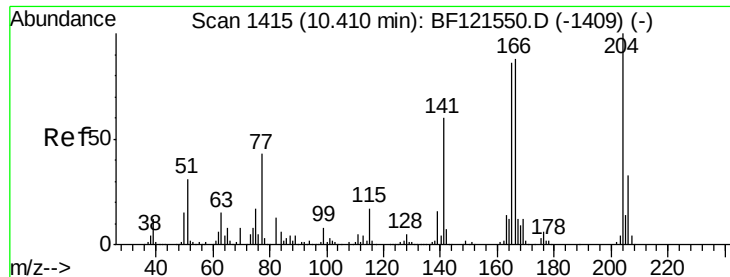
#60
 Diethylphthalate
 Concen: 40.193 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	895535		
177	22.5		18.1	27.1
150	12.8		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





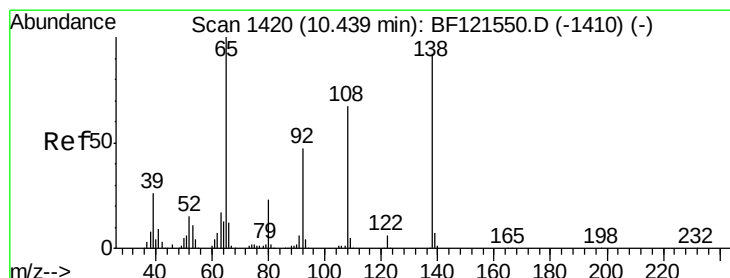
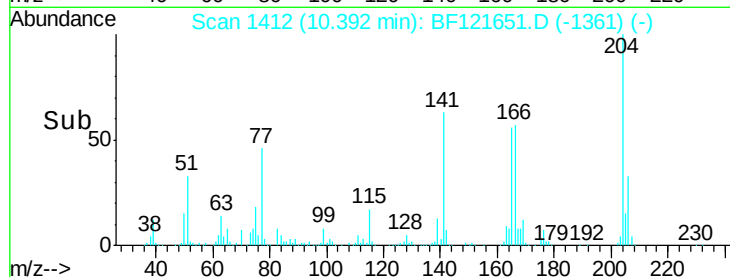
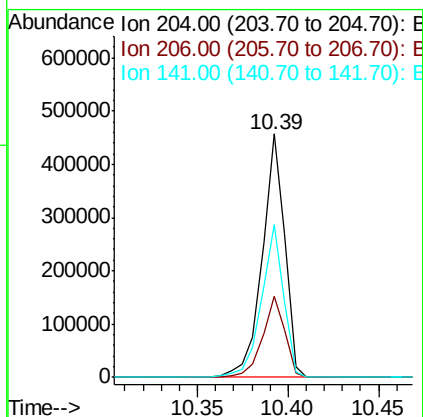
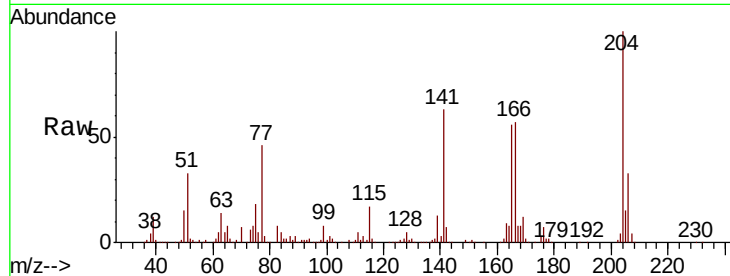
#61
4-Chlorophenyl-phenylether
Concen: 39.658 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	62.9	50.4	75.6

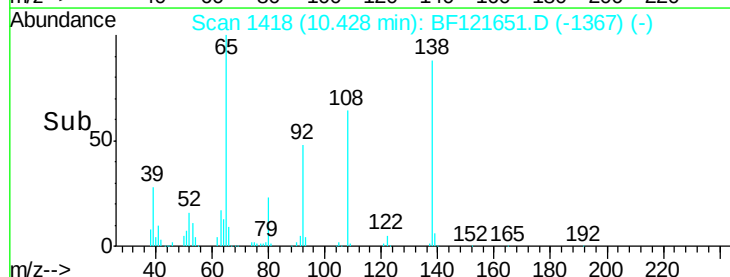
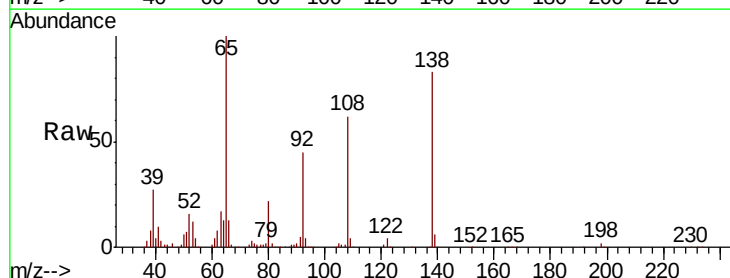
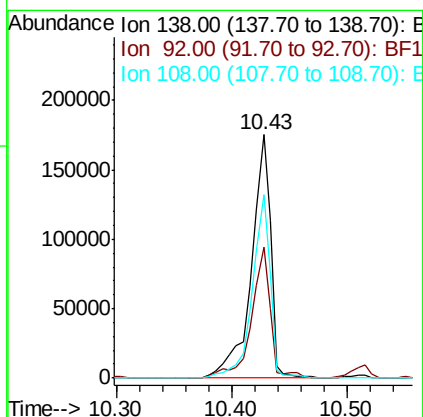
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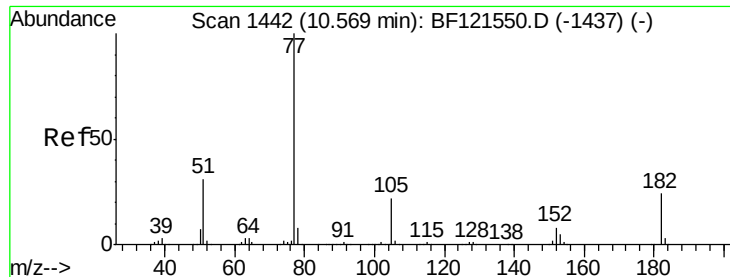
mohammad
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#62
4-Nitroaniline
Concen: 36.443 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	34.8	74.8
108	75.2	55.5	95.5





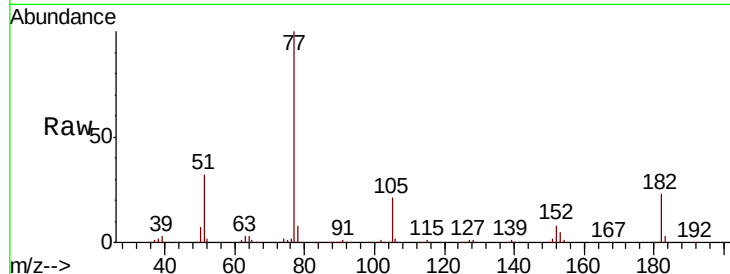
#63
Azobenzene
Concen: 37.799 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

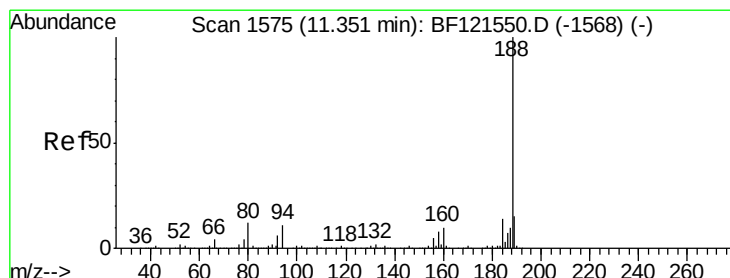
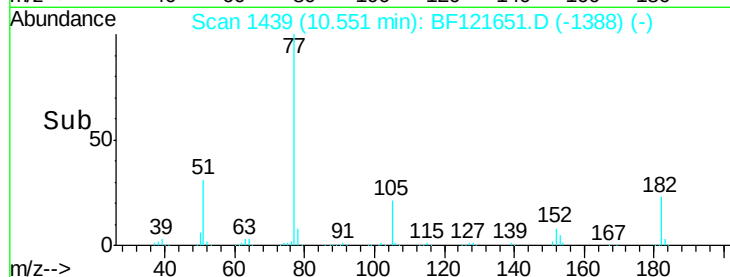
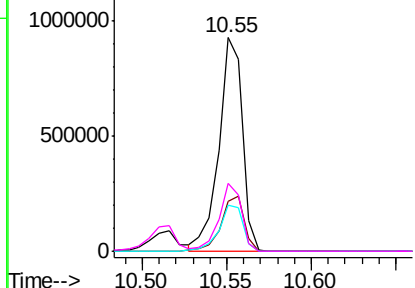
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	6.8	46.8
105	21.5	2.2	42.2
51	31.6	10.7	50.7

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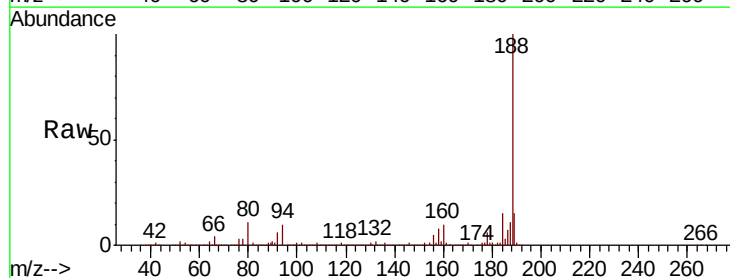


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

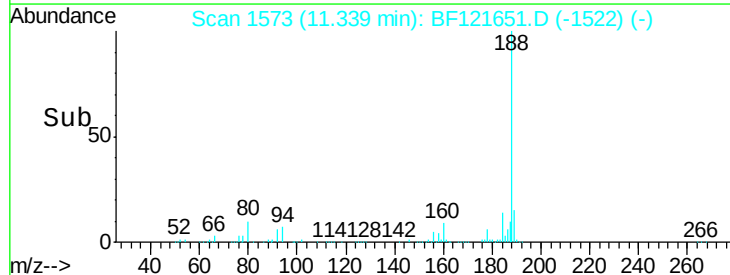
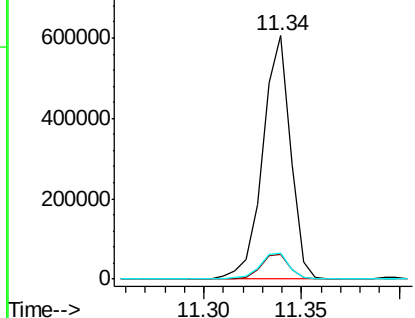


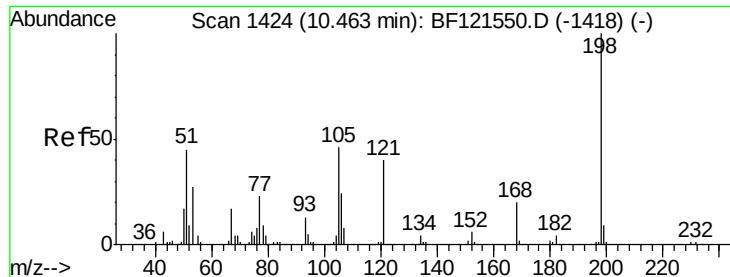
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	10.6	9.0	13.4



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





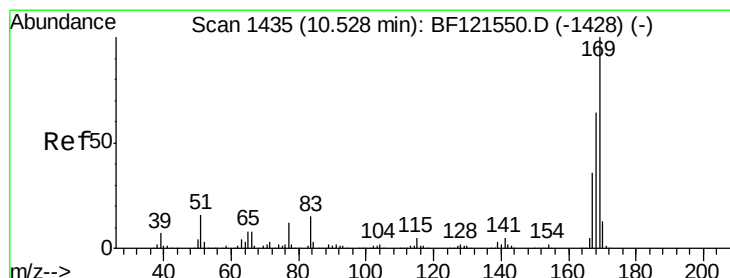
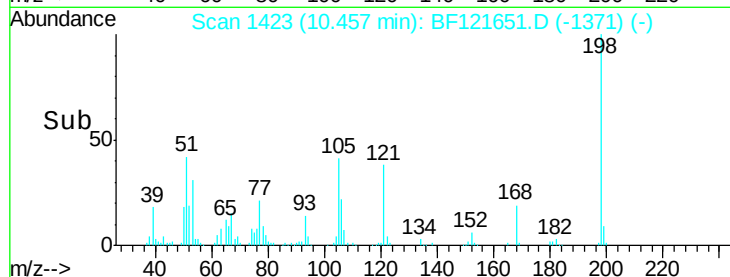
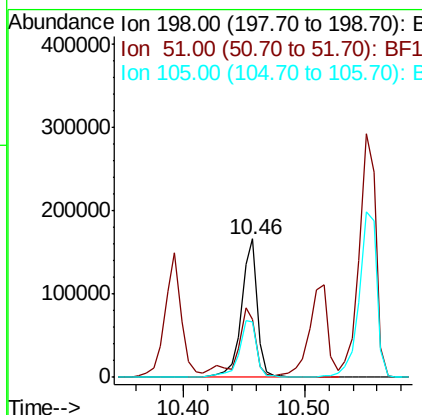
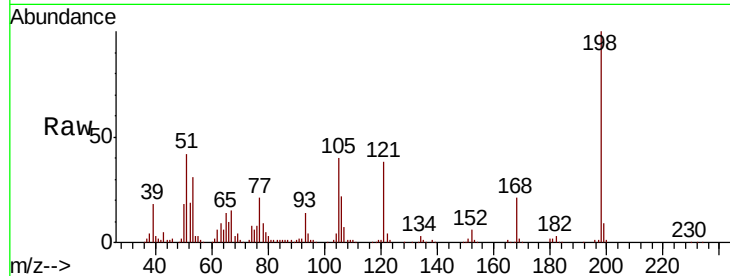
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.728 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion:	198	Resp:	153297
Ion Ratio	Lower	Upper	
198	100		
51	41.9	20.3	60.3
105	40.4	20.2	60.2

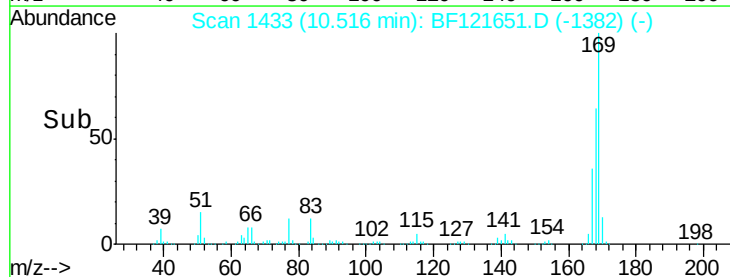
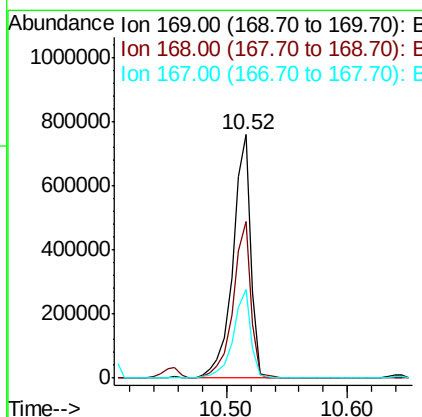
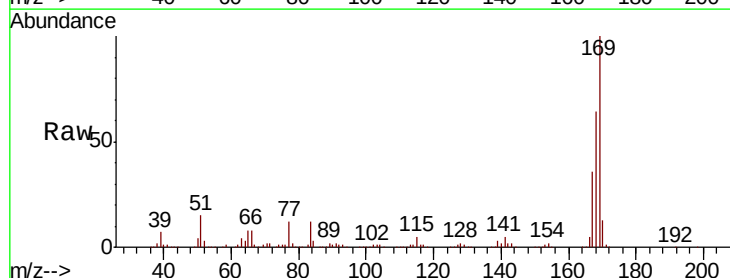
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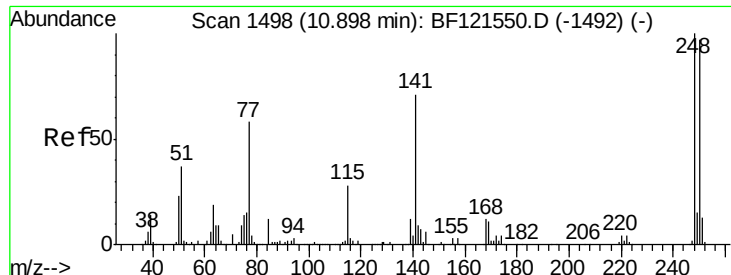
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#66
 n-Nitrosodiphenylamine
 Concen: 38.010 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:	169	Resp:	778437
Ion Ratio	Lower	Upper	
169	100		
168	64.1	51.8	77.8
167	36.3	28.4	42.6





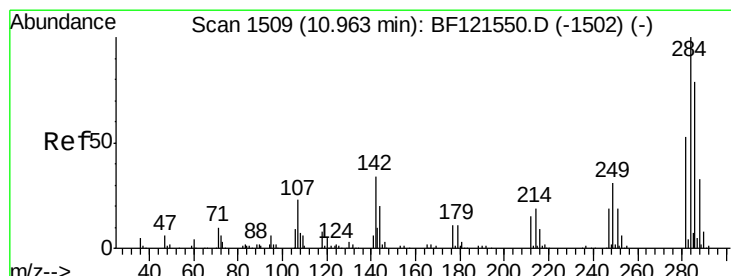
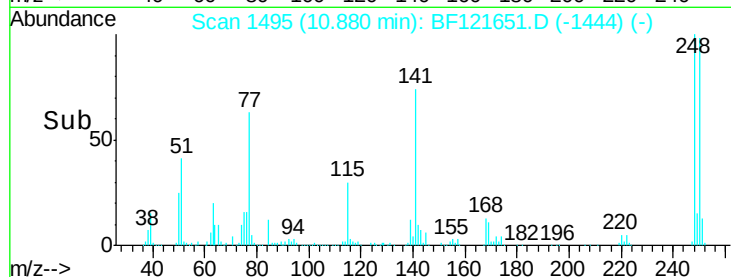
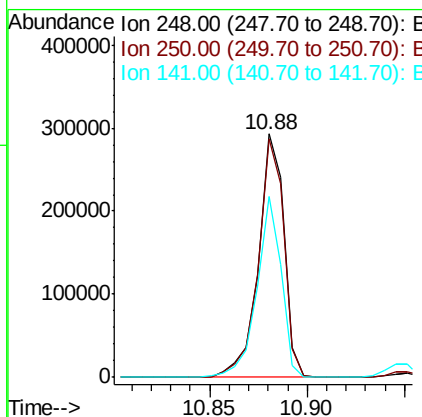
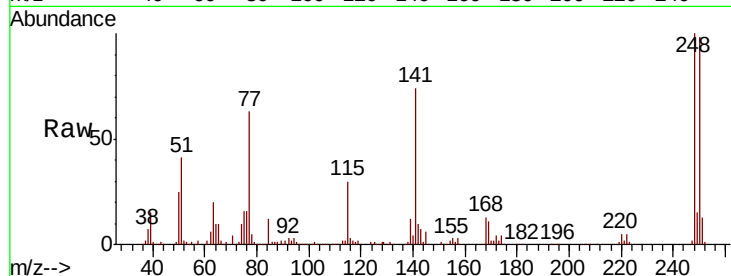
#67
 4-Bromophenyl-phenylether
 Concen: 39.170 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion:	248	Resp:	266212
Ion Ratio	Lower	Upper	
248	100		
250	97.9	79.4	119.0
141	74.2	52.2	78.4

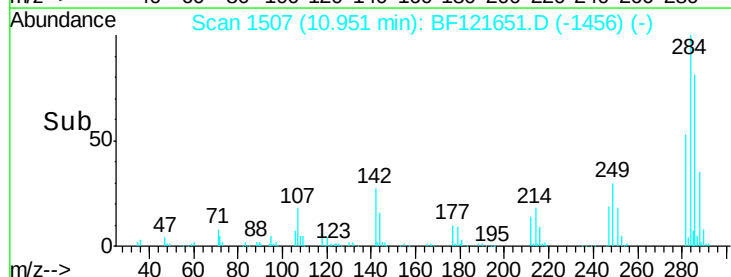
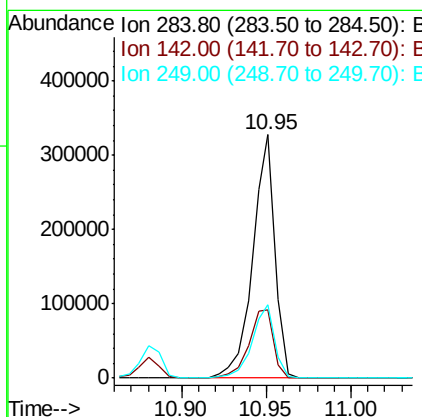
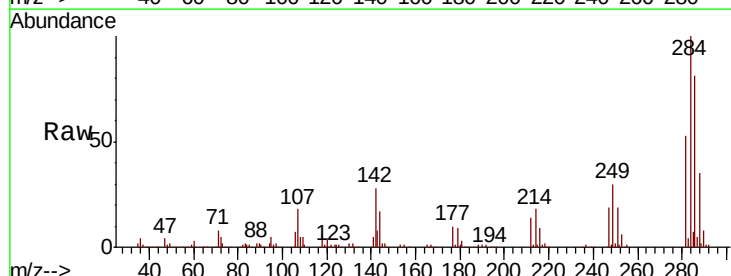
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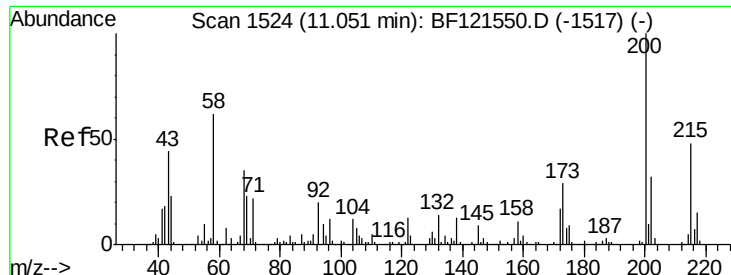
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.300 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion:	284	Resp:	301428
Ion Ratio	Lower	Upper	
284	100		
142	27.8	24.0	36.0
249	30.1	23.9	35.9





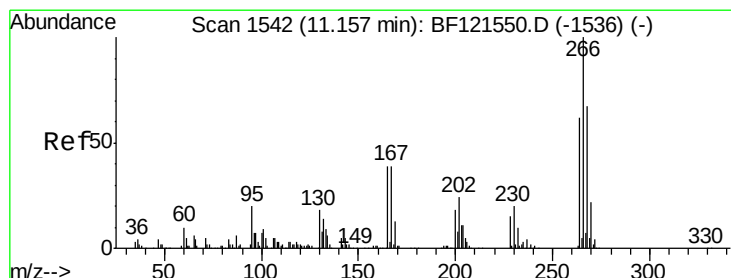
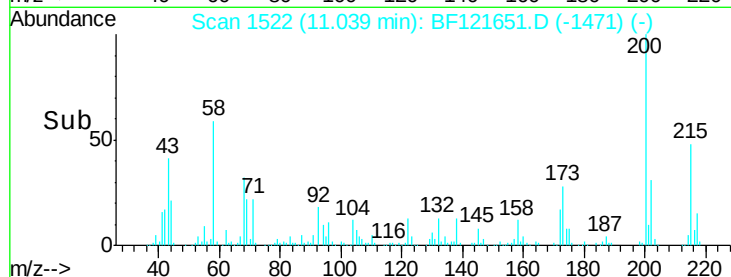
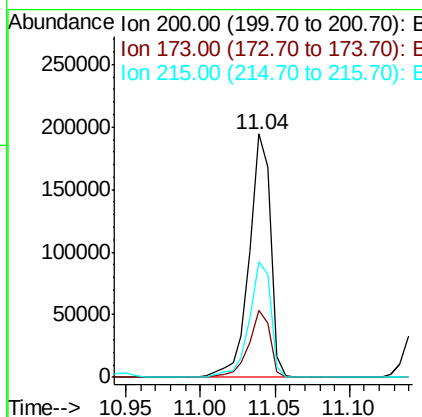
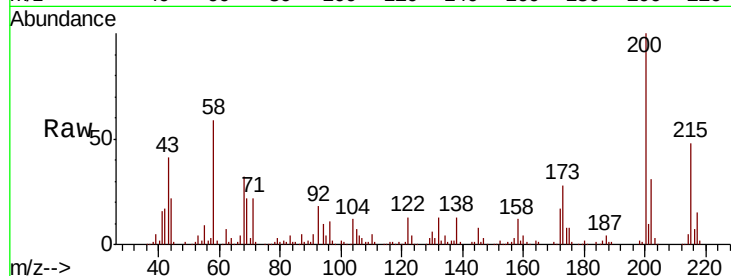
#69
Atrazine
Concen: 37.600 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	6.0	46.0
215	47.5	28.4	68.4

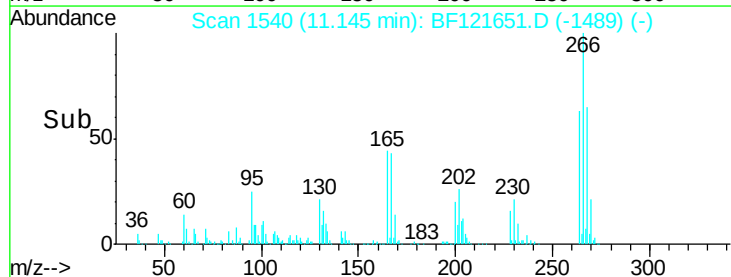
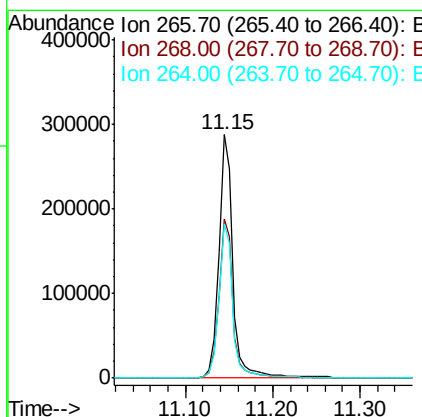
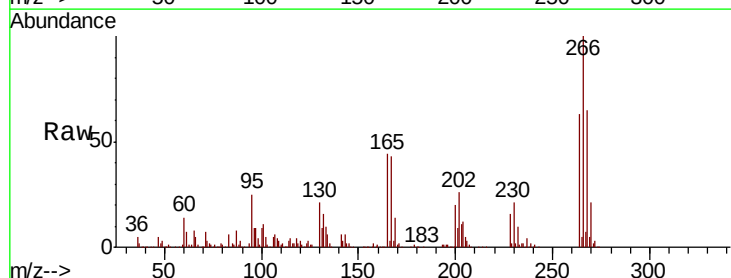
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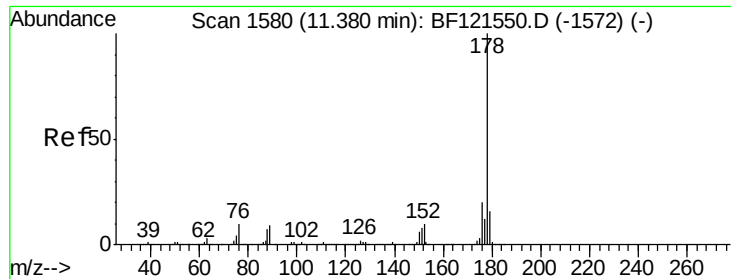
mohammad
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#70
Pentachlorophenol
Concen: 76.273 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	54.6	81.8
264	63.2	51.1	76.7





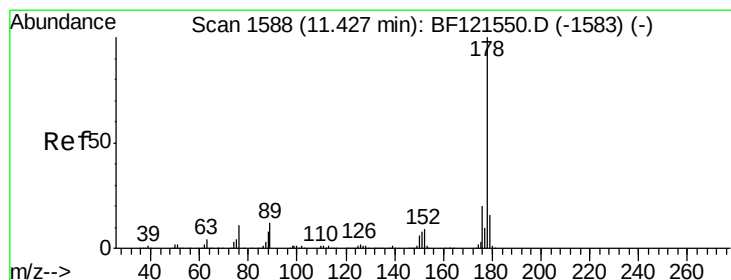
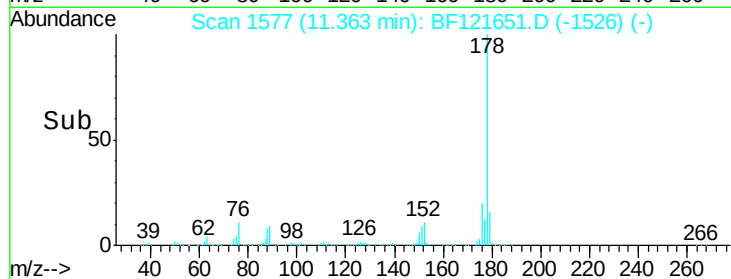
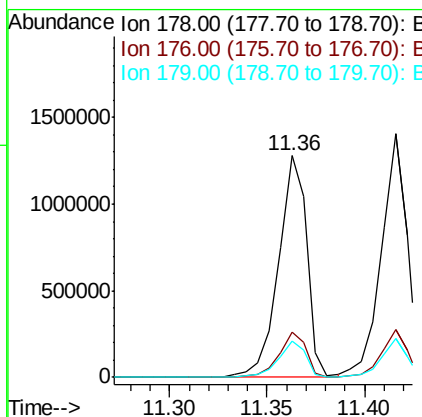
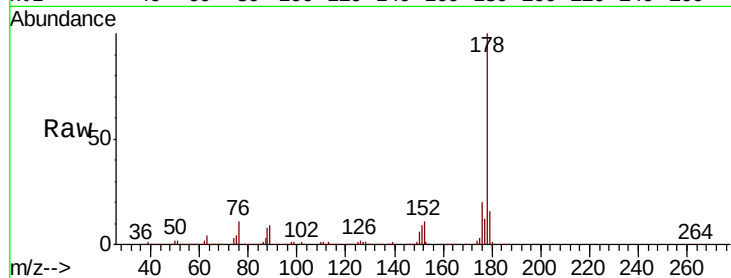
#71
Phenanthrene
Concen: 39.587 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion:178 Resp: 1287525
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.2 12.6 18.8

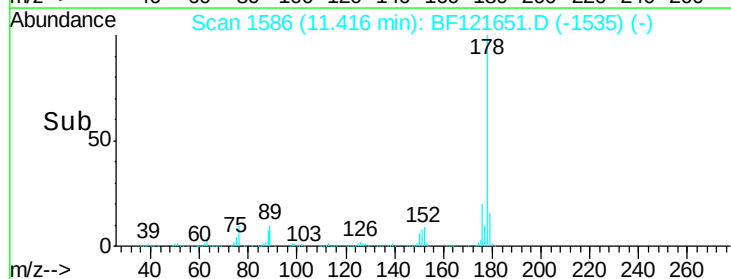
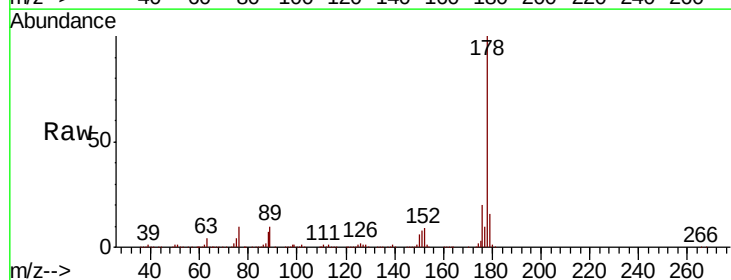
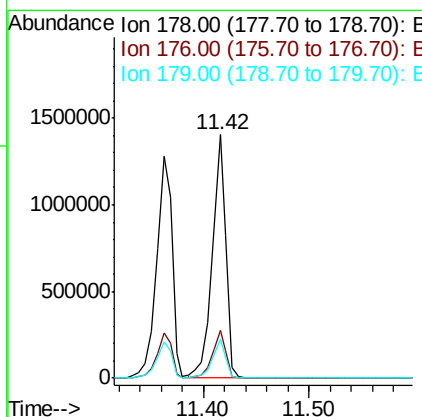
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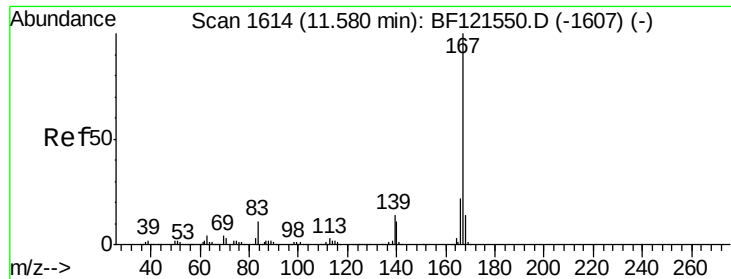
mohammad
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#72
Anthracene
Concen: 38.194 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion:178 Resp: 1281891
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.6 19.0





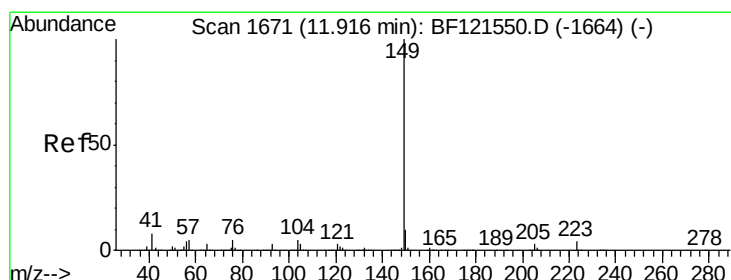
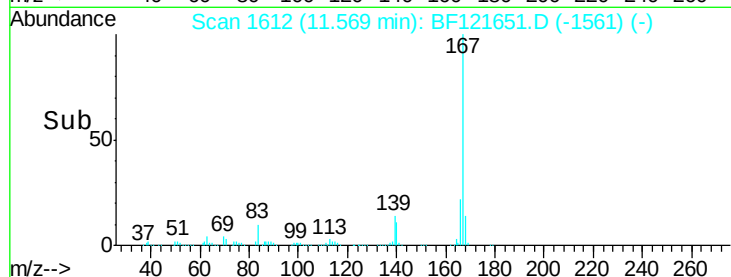
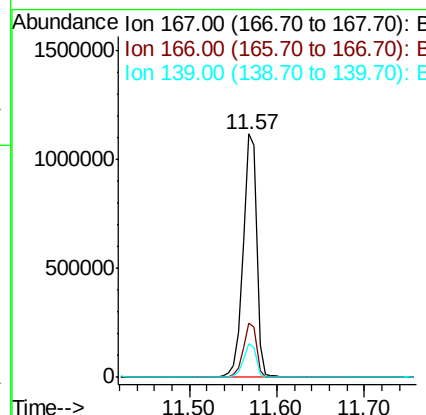
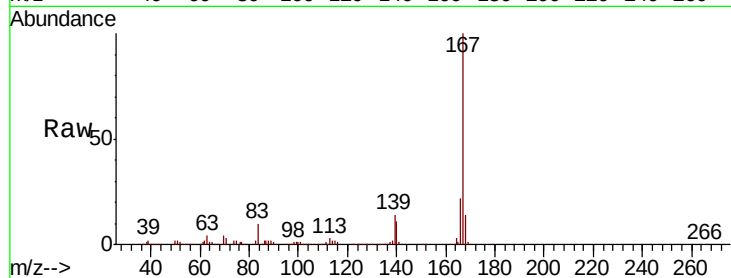
#73
 Carbazole
 Concen: 38.325 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.9	10.9	16.3

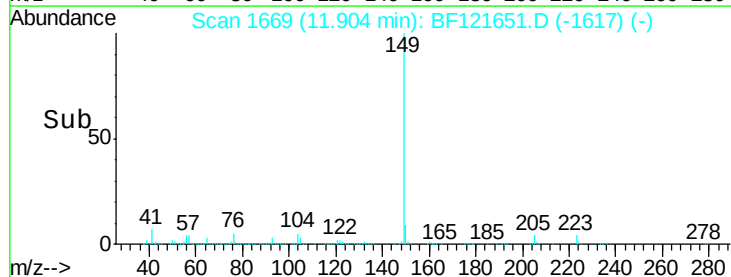
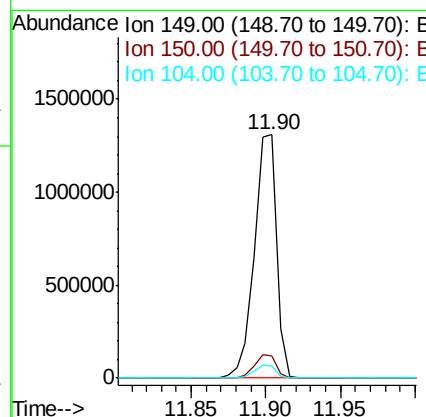
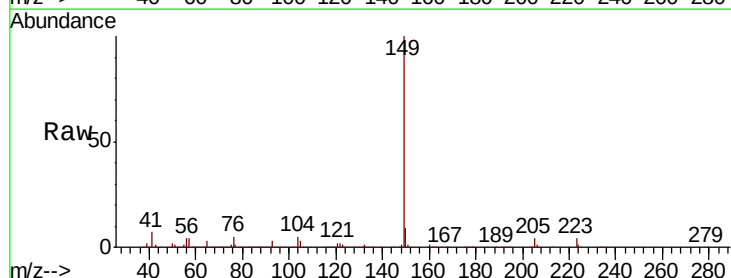
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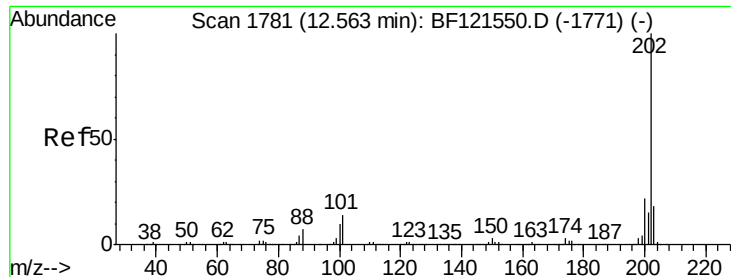
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.311 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.01 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.8	4.2	6.2





#75

Fluoranthene

Concen: 40.296 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

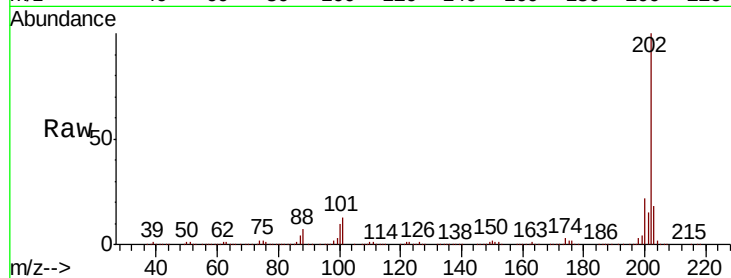
ClientSampleId :

PAV-B29-092120-10-17MS

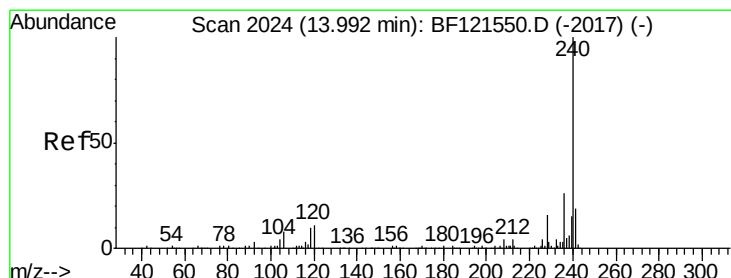
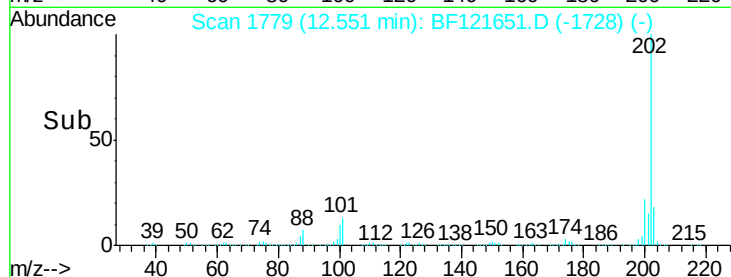
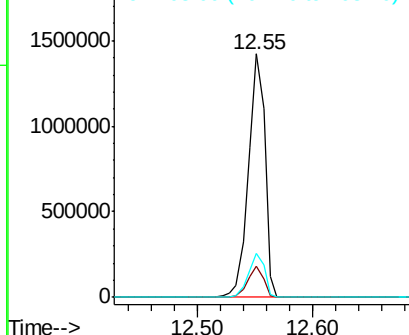
Tot Ion:	202	Resp:	1399024
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	31.9
203	18.3	0.0	37.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

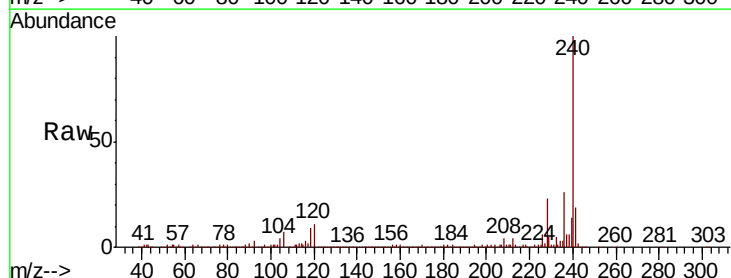
RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

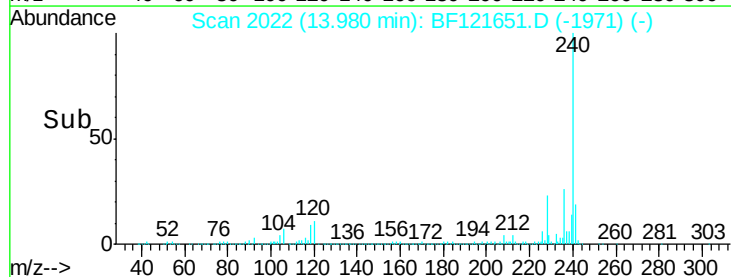
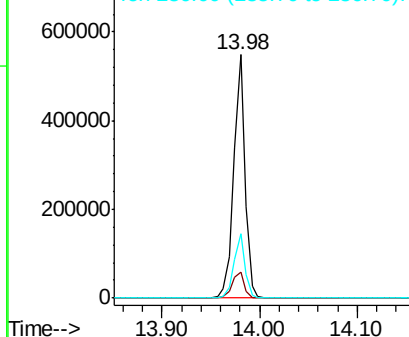
Lab File: BF121651.D

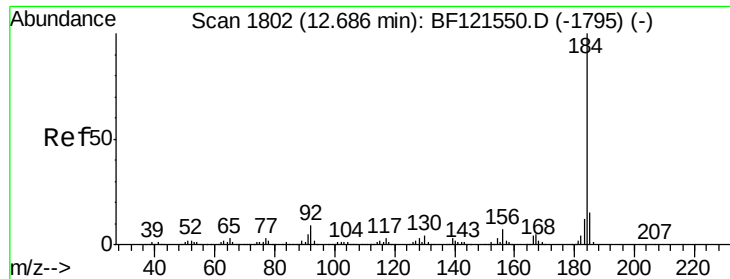
Acq: 22 Sep 2020 20:53

Tgt Ion:	240	Resp:	441896
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.2	13.8
236	26.5	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





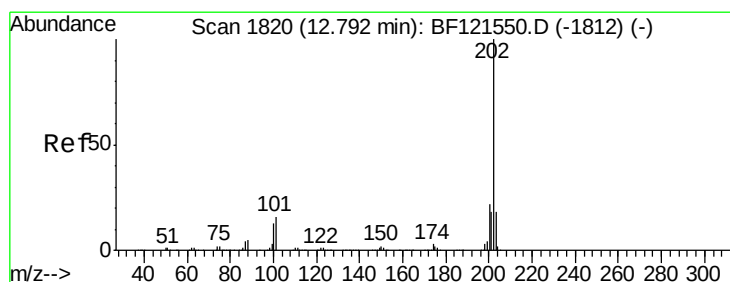
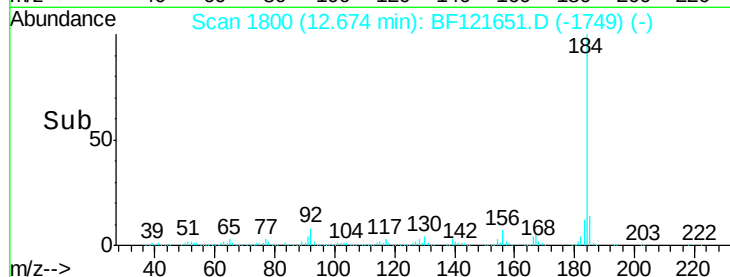
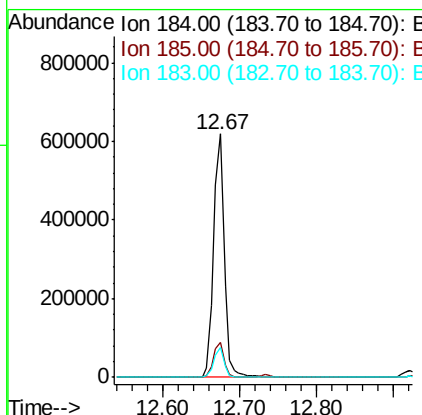
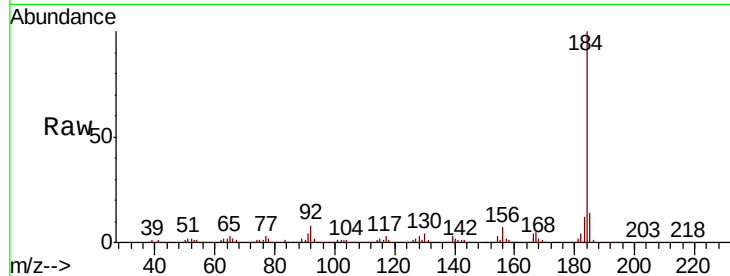
#77
Benzidine
Concen: 40.085 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.1	9.6	14.4

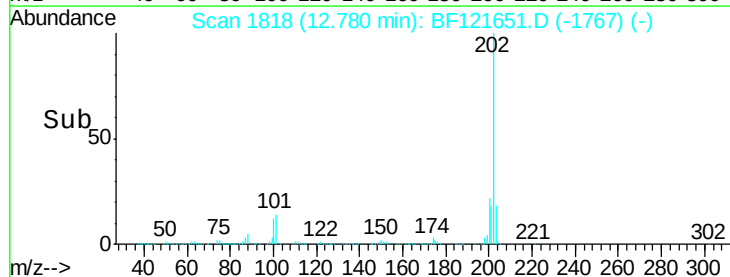
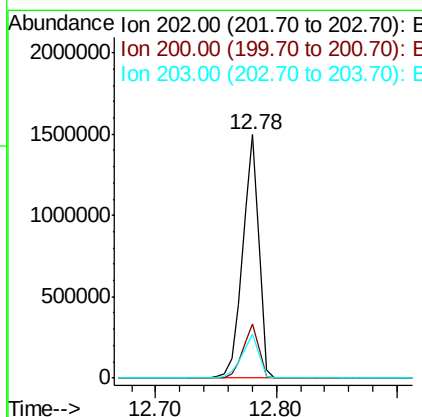
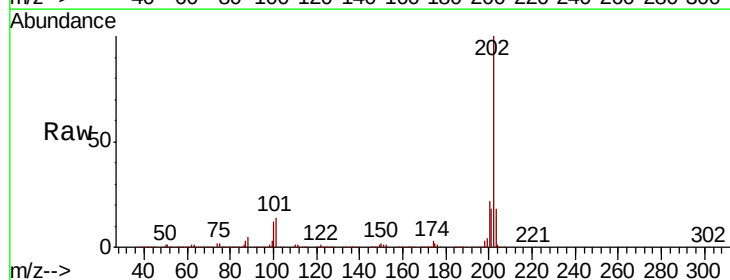
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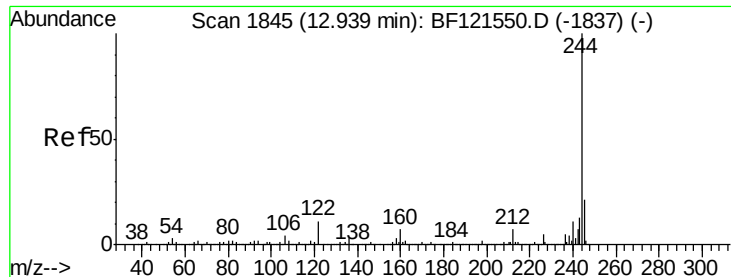
mohammad
9/23/2020 10:43:26 AM



#78
Pyrene
Concen: 43.233 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	18.1	14.4	21.6





#79

Terphenyl-d14

Concen: 64.807 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:244 Resp: 1413582

Ion Ratio Lower Upper

244 100

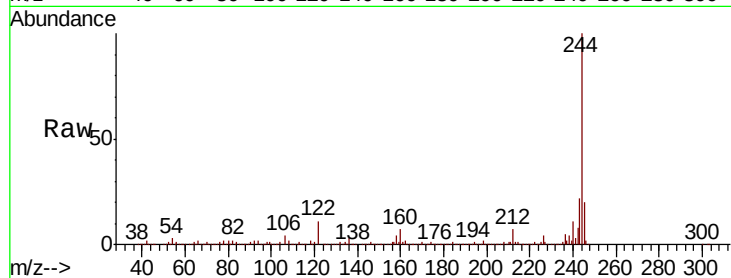
212 7.1 5.5 8.3

122 11.2 7.4 11.0#

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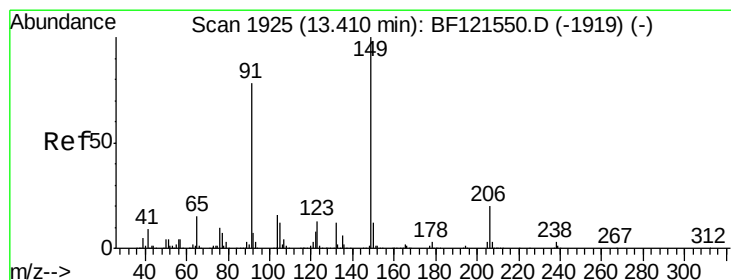
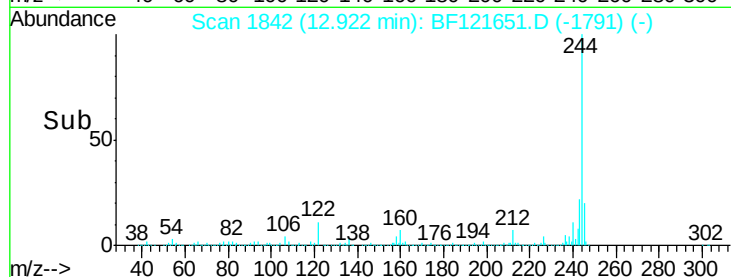
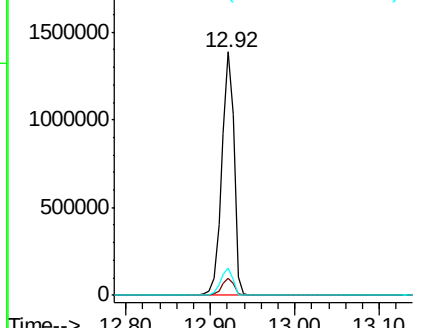
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.405 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

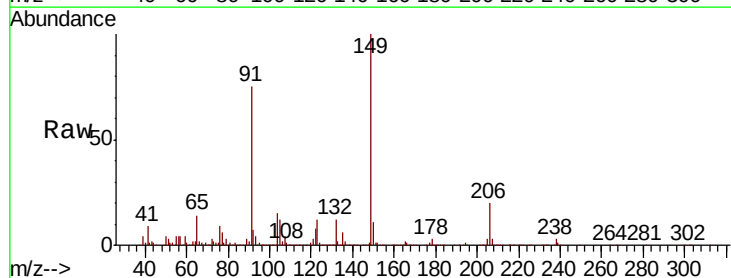
Tgt Ion:149 Resp: 553708

Ion Ratio Lower Upper

149 100

91 75.5 61.0 91.4

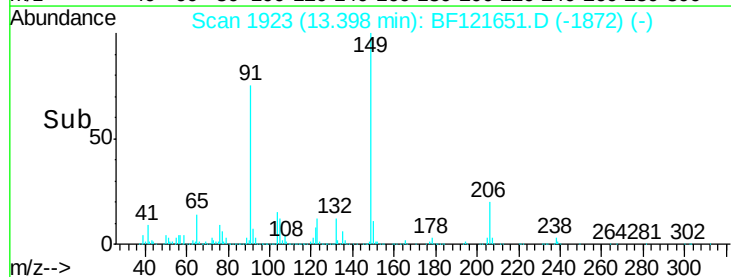
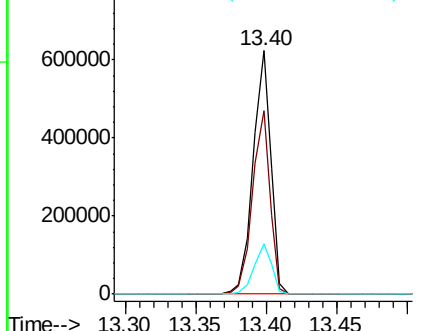
206 20.4 16.6 25.0

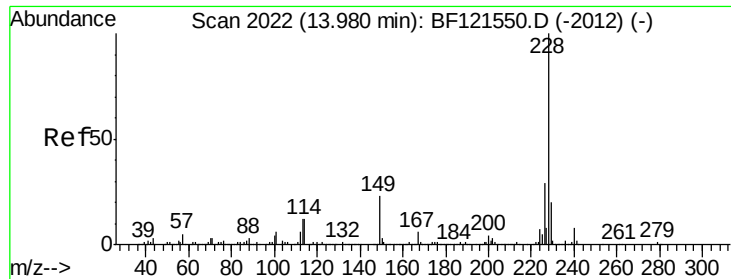


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.153 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

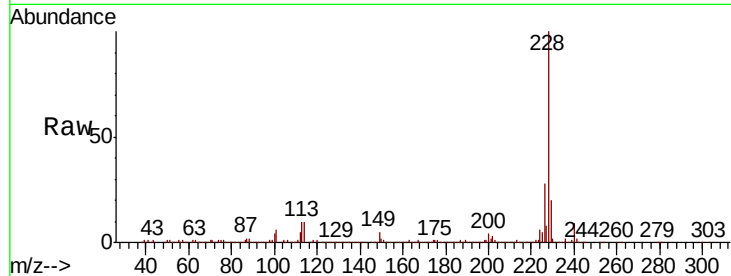
ClientSampleId :

PAV-B29-092120-10-17MS

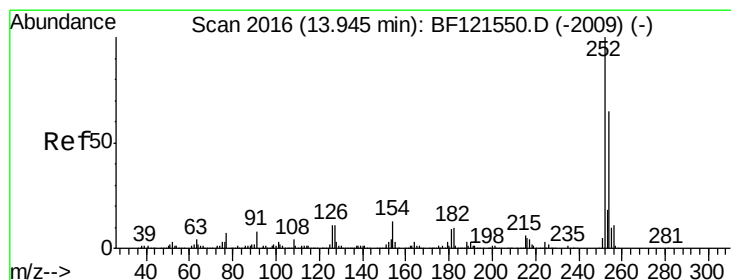
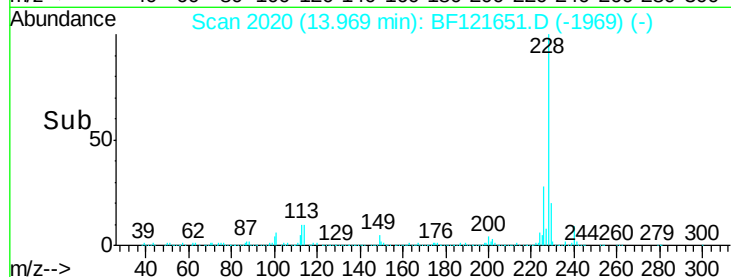
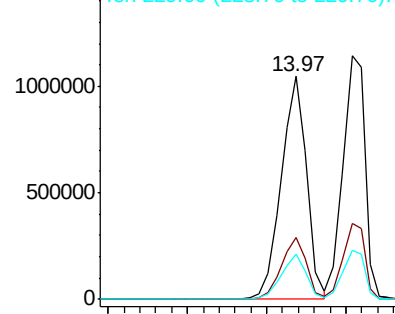
Tot Ion:	228	Resp:	1150503
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	16.2	24.2

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



#82

3,3'-Dichlorobenzidine

Concen: 17.870 ng

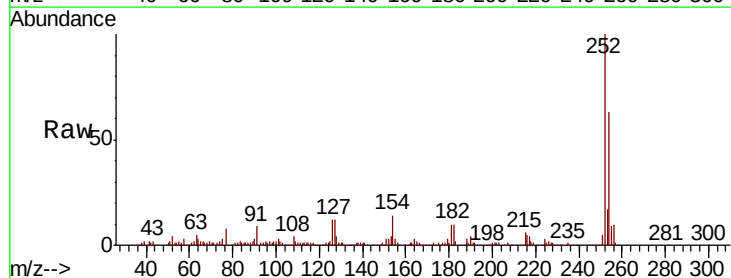
RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

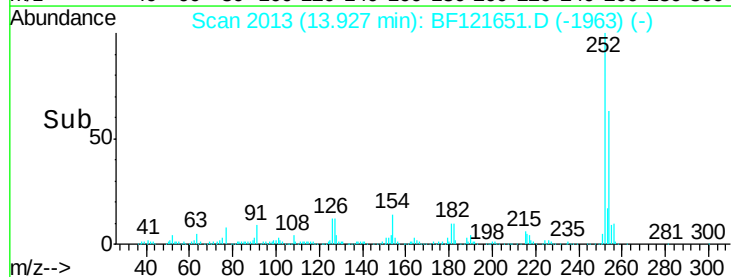
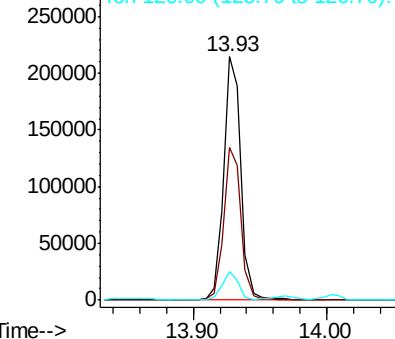
Lab File: BF121651.D

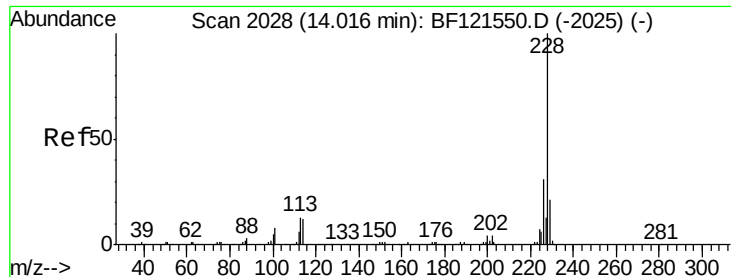
Acq: 22 Sep 2020 20:53

Tgt Ion:	252	Resp:	195042
Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.0	76.4
126	12.0	8.6	13.0



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





#83

Chrysene

Concen: 39.268 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MS

Tot Ion:228 Resp: 1111675

Ion Ratio Lower Upper

228 100

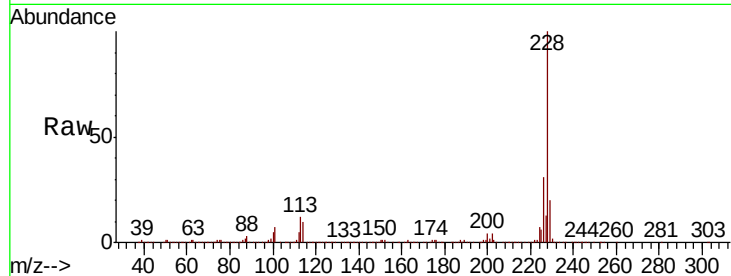
226 31.3 25.0 37.4

229 20.4 16.0 24.0

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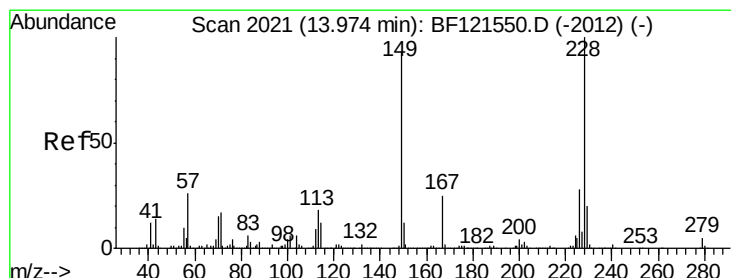
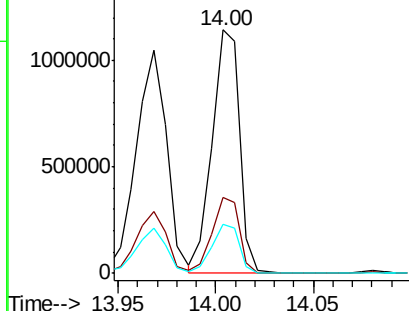
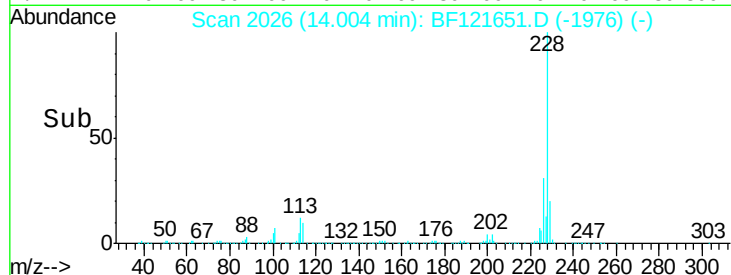
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.363 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121651.D

Acq: 22 Sep 2020 20:53

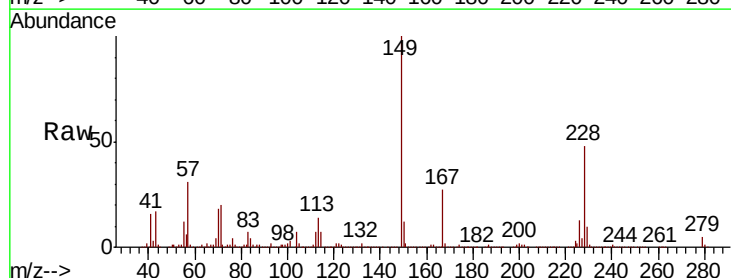
Tgt Ion:149 Resp: 704082

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

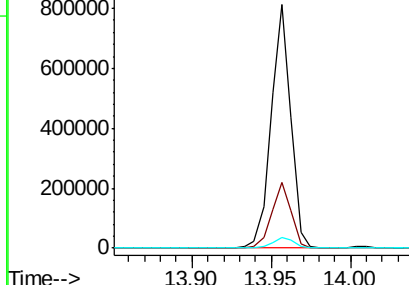
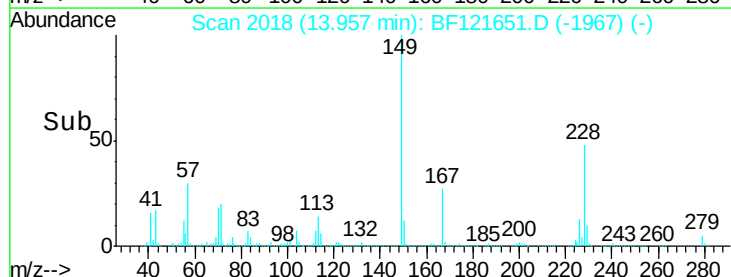
279 4.5 3.4 5.0

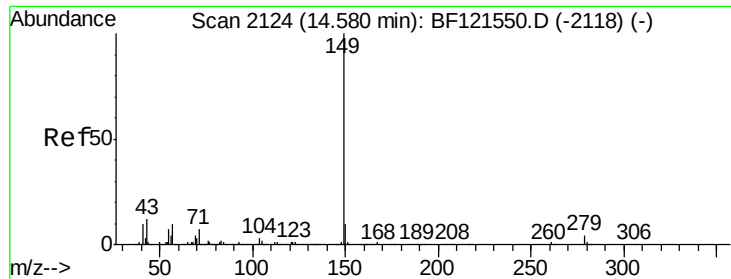


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





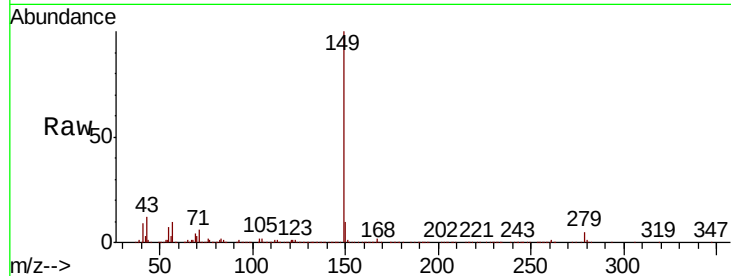
#85
Di-n-octyl phthalate
Concen: 38.039 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

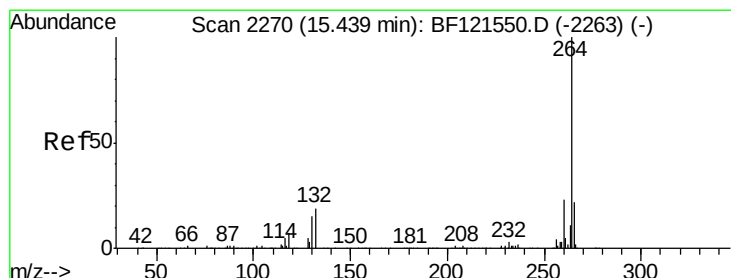
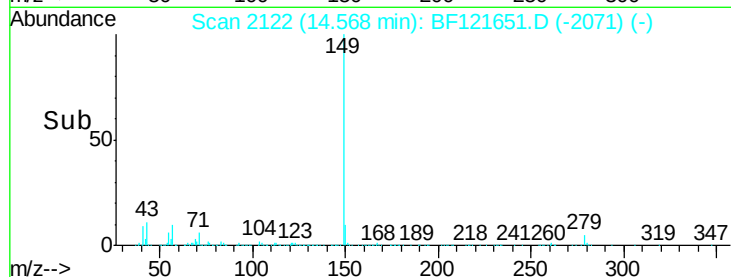
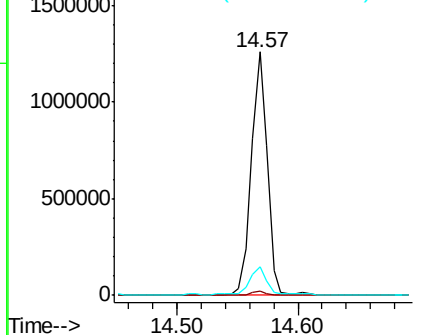
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.0	13.4

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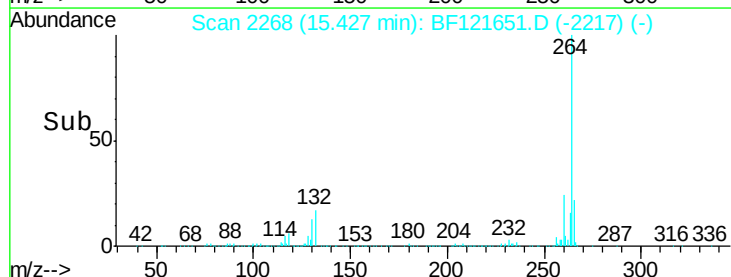
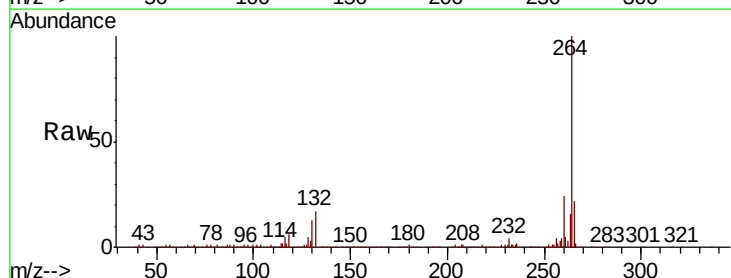
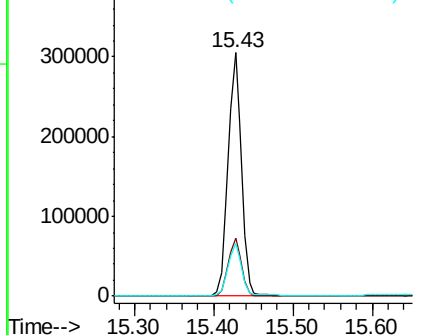
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

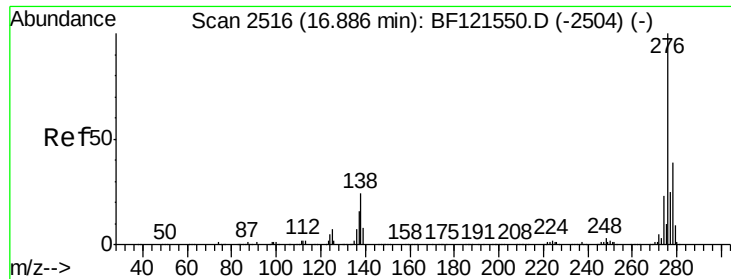


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.8	17.3	25.9

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





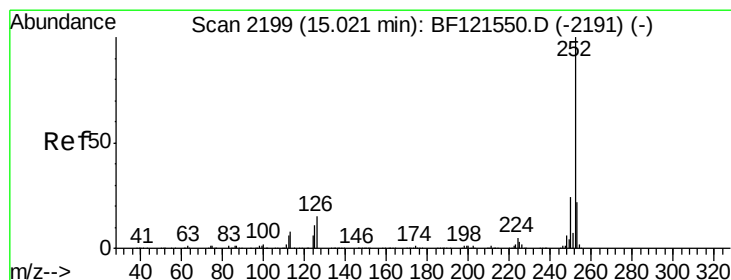
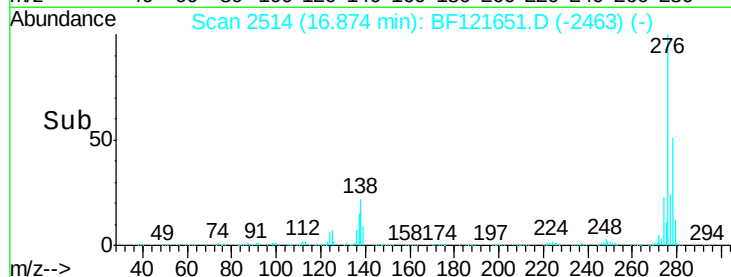
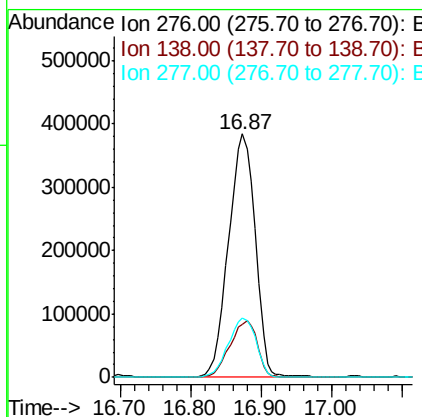
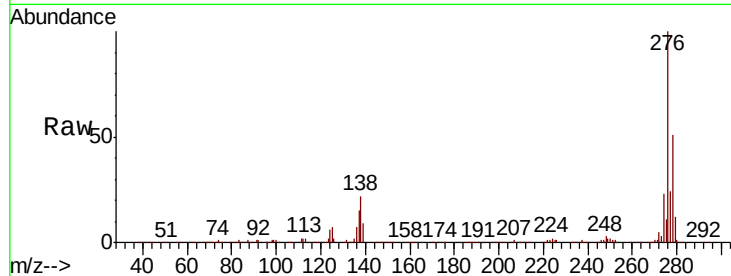
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.226 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.0	28.6
277	25.2	20.2	30.2

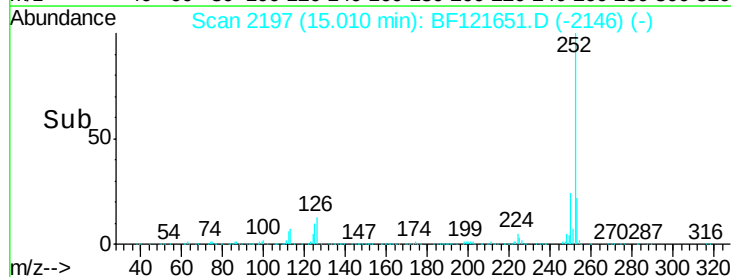
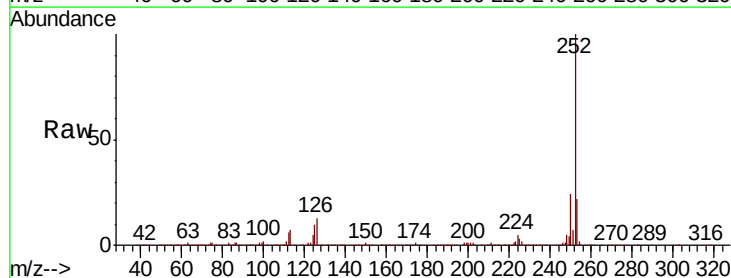
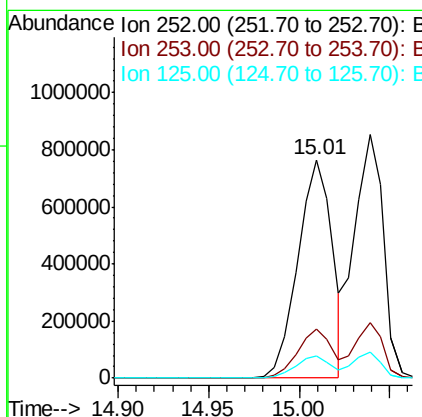
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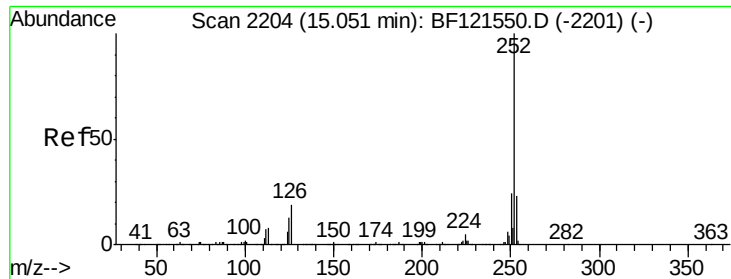
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#88
 Benzo(b)fluoranthene
 Concen: 42.163 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121651.D
 Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.3	8.5	12.7





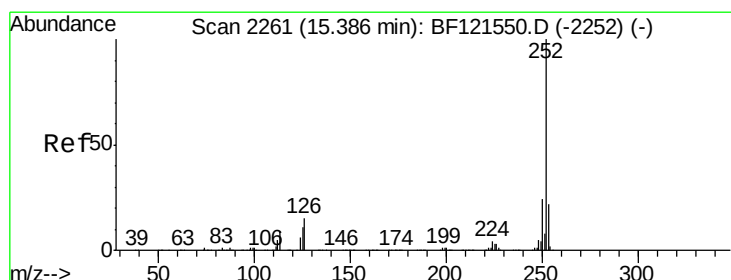
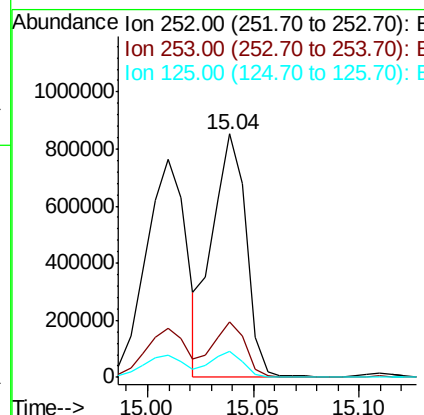
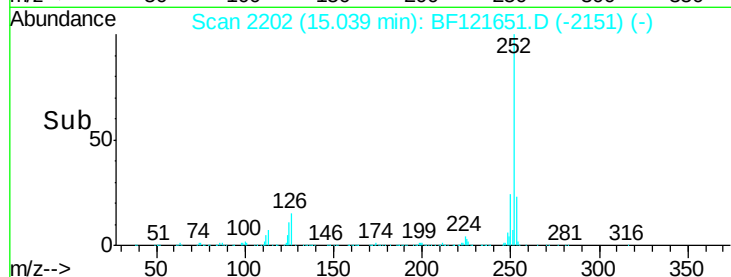
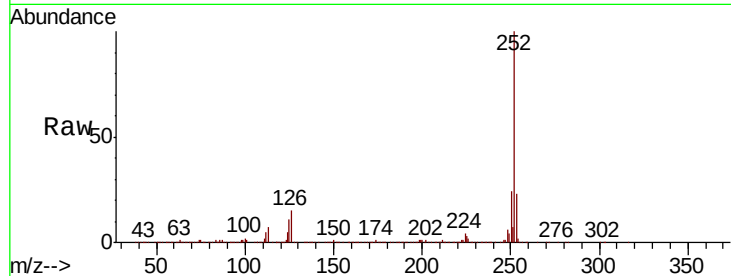
#89
Benzo(k)fluoranthene
Concen: 42.881 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.8	8.4	12.6

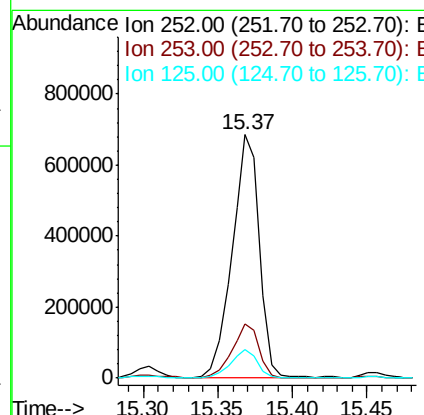
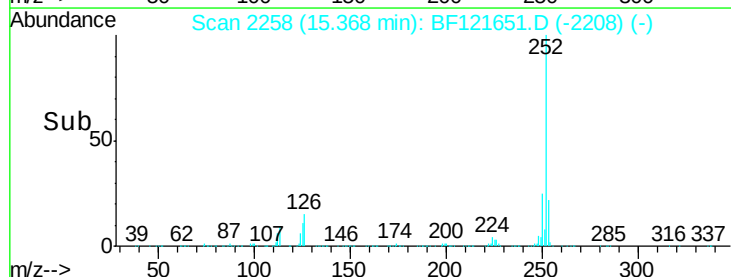
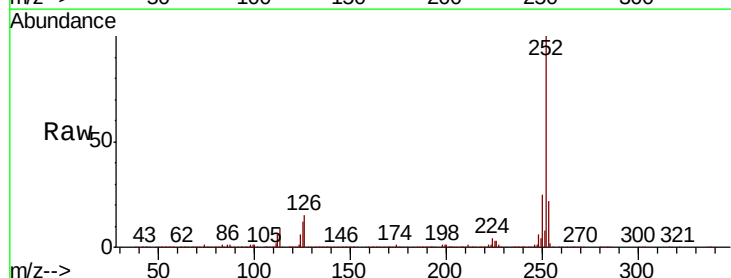
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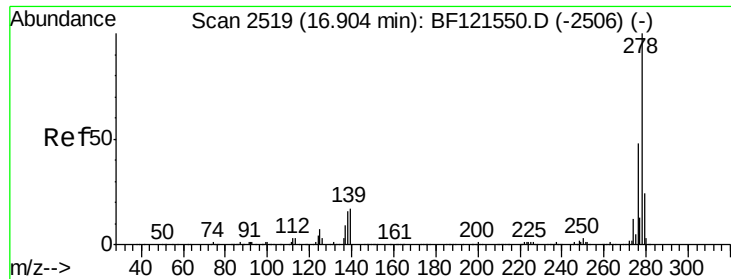
mohammad
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#90
Benzo(a)pyrene
Concen: 42.740 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

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





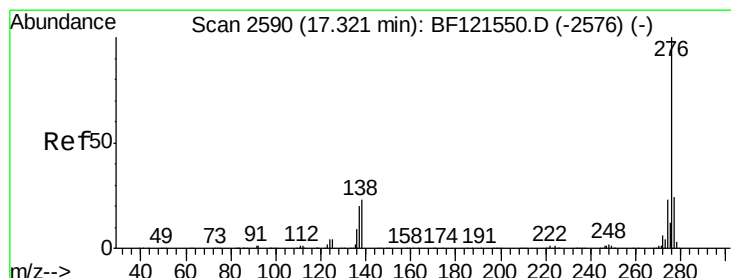
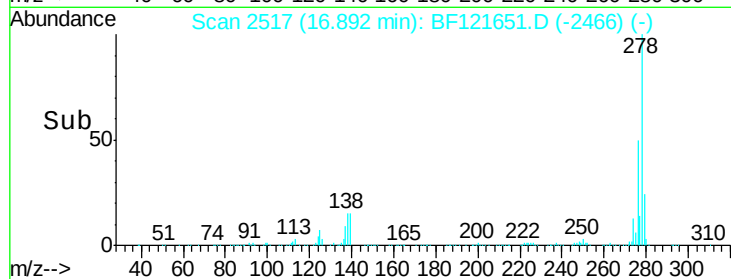
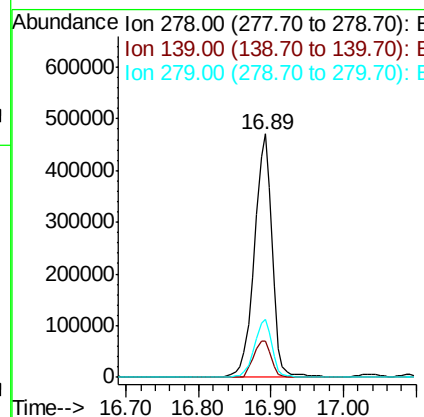
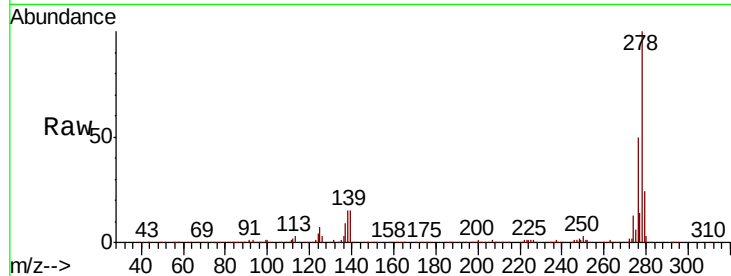
#91
Dibenzo(a,h)anthracene
Concen: 41.047 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.0	18.0
279	23.8	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 45.206 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121651.D
Acq: 22 Sep 2020 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.7	16.9	25.3

