

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121652.D
 Acq On : 22 Sep 2020 21:23
 Operator : JU/CG
 Sample : L4104-09MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 23 01:08:05 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	156923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620921	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	330172	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	615516	20.00	ng	0.00
76) Chrysene-d12	13.98	240	446511	20.00	ng	0.00
86) Perylene-d12	15.43	264	364003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	878238	83.17	ng	0.01
7) Phenol-d6	6.45	99	1155428	83.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	789752	68.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	385297	93.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1403175	64.36	ng	0.00
79) Terphenyl-d14	12.92	244	1446603	65.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	169158	34.870	ng	99
3) Pyridine	3.38	79	483805	36.076	ng	98
4) n-Nitrosodimethylamine	3.34	42	238183	38.290	ng	99
6) Aniline	6.47	93	362886	20.113	ng	95
8) 2-Chlorophenol	6.60	128	446642	41.545	ng	98
9) Benzaldehyde	6.36	77	163919	18.100	ng	99
10) Phenol	6.46	94	565951	38.365	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	436814	39.288	ng	99
12) 1,3-Dichlorobenzene	6.75	146	467445	38.955	ng	98
13) 1,4-Dichlorobenzene	6.83	146	470413	39.042	ng	98
14) 1,2-Dichlorobenzene	6.98	146	450014	40.544	ng	99
15) Benzyl Alcohol	6.96	79	395694	42.024	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	667833	37.327	ng	97
17) 2-Methylphenol	7.07	107	376419	41.150	ng	98
18) Hexachloroethane	7.32	117	171601	39.776	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	312928	39.195	ng	98
20) 3+4-Methylphenols	7.23	107	444930	40.483	ng	# 87
22) Acetophenone	7.22	105	588317	37.344	ng	100
24) Nitrobenzene	7.39	77	485591	38.823	ng	99
25) Isophorone	7.64	82	878564	37.740	ng	98
26) 2-Nitrophenol	7.71	139	238257	40.865	ng	95
27) 2,4-Dimethylphenol	7.75	122	398971	38.394	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	556352	38.604	ng	99
29) 2,4-Dichlorophenol	7.96	162	375397	39.663	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	386068	38.731	ng	99
31) Naphthalene	8.12	128	1263999	38.563	ng	99
32) Benzoic acid	7.90	122	276971	37.498	ng	97
33) 4-Chloroaniline	8.16	127	214997	15.132	ng	98
34) Hexachlorobutadiene	8.23	225	233230	39.862	ng	99
35) Caprolactam	8.55	113	70220	22.279	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	418171	41.014	ng	99
37) 2-Methylnaphthalene	8.81	142	833972	38.825	ng	99
38) 1-Methylnaphthalene	8.91	142	782081	39.121	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	390535	37.866	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	354027	60.109	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	276886	39.387	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	291496	39.224	nq	95
46) 1,1'-Biphenyl	9.27	154	999905	37.829	nq	100
47) 2-Chloronaphthalene	9.30	162	782850	37.584	nq	100
48) 2-Nitroaniline	9.40	65	270262	41.754	nq	97
49) Acenaphthylene	9.72	152	1239841	38.740	nq	100
50) Dimethylphthalate	9.58	163	1110182	46.392	nq	99
51) 2,6-Dinitrotoluene	9.64	165	217655	42.708	nq	98
52) Acenaphthene	9.89	154	738410	36.530	nq	99
53) 3-Nitroaniline	9.81	138	124028	21.008	nq	93
54) 2,4-Dinitrophenol	9.92	184	227210	77.603	nq	98
55) Dibenzofuran	10.06	168	1091541	38.345	nq	98
56) 4-Nitrophenol	9.99	139	353938	75.173	nq	91
57) 2,4-Dinitrotoluene	10.05	165	287437	44.831	nq	91
58) Fluorene	10.40	166	853777	39.219	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	246671	40.828	nq	99
60) Diethylphthalate	10.28	149	927144	39.738	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	409501	39.269	nq	99
62) 4-Nitroaniline	10.43	138	211024	35.999	nq	98
63) Azobenzene	10.55	77	939035	37.794	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	160147	43.200	nq	96
66) n-Nitrosodiphenylamine	10.52	169	813748	38.535	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	281056	40.105	nq	94
68) Hexachlorobenzene	10.95	284	315335	39.872	nq	98
69) Atrazine	11.04	200	199150	37.960	nq	97
70) Pentachlorophenol	11.15	266	335506	77.246	nq	98
71) Phenanthrene	11.36	178	1329381	39.641	nq	100
72) Anthracene	11.42	178	1332642	38.507	nq	100
73) Carbazole	11.57	167	1209864	38.740	nq	99
74) Di-n-butylphthalate	11.90	149	1388067	38.510	nq	100
75) Fluoranthene	12.55	202	1442915	40.306	nq	99
77) Benzidine	12.67	184	605372	40.896	nq	99
78) Pyrene	12.78	202	1453506	44.554	nq	100
80) Butylbenzylphthalate	13.40	149	565166	42.835	nq	97
81) Benzo(a)anthracene	13.97	228	1160541	41.083	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	216639	19.644	nq	99
83) Chrysene	14.00	228	1121781	39.216	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	724034	41.077	nq	100
85) Di-n-octyl phthalate	14.57	149	1175044	37.775	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1047731	44.199	nq	100
88) Benzo(b)fluoranthene	15.01	252	1012279	41.599	nq	99
89) Benzo(k)fluoranthene	15.04	252	938866	42.132	nq	100
90) Benzo(a)pyrene	15.37	252	874218	42.264	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	835365	42.334	nq	99
92) Benzo(g,h,i)perylene	17.31	276	895985	46.192	nq	99

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

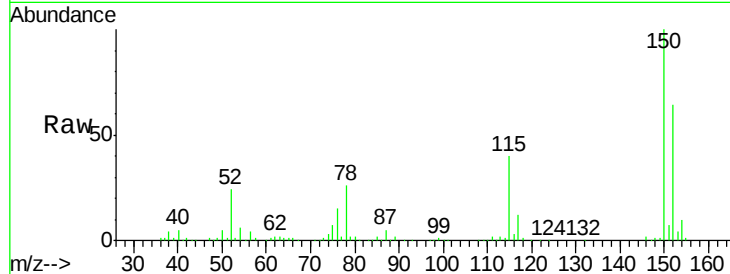


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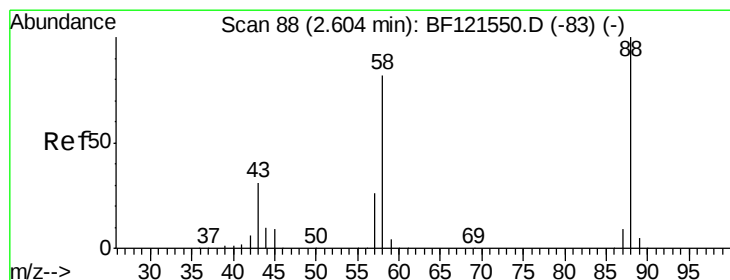
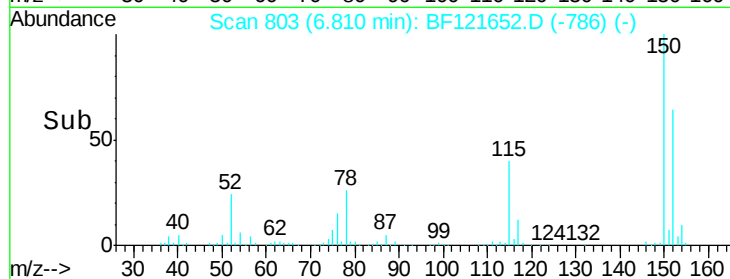
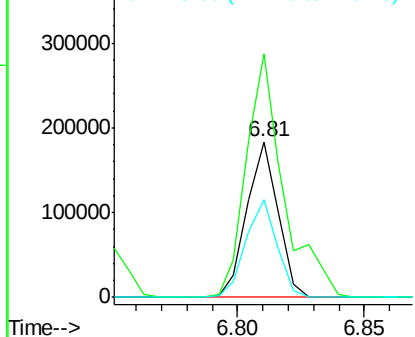
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.1	192.1
115	63.0	52.6	79.0



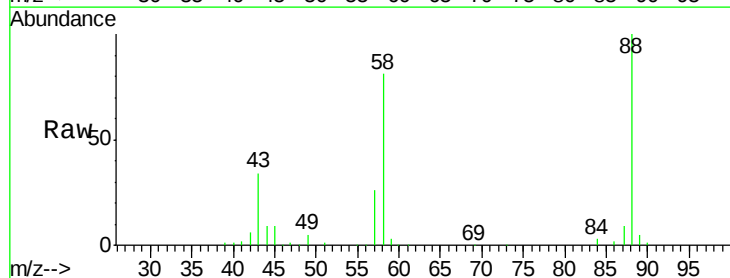
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



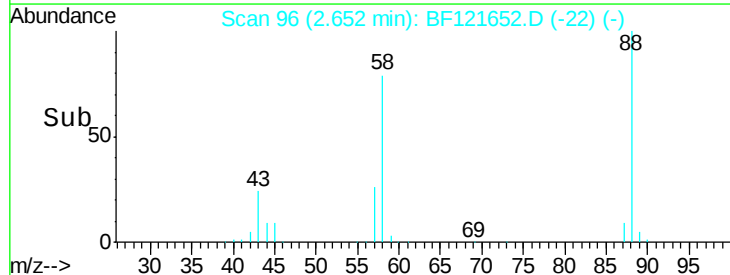
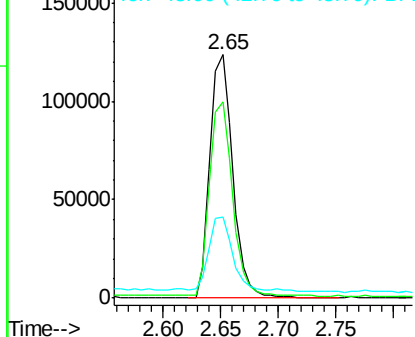
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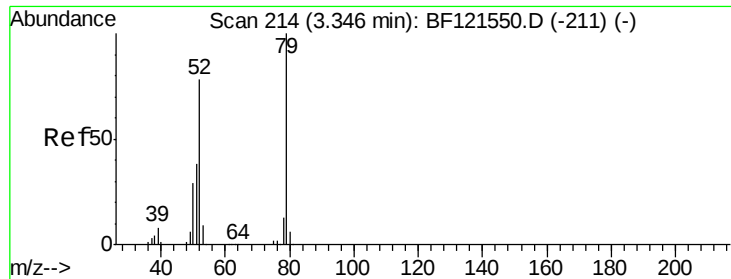
1,4-Dioxane
Concen: 34.870 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.14 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	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

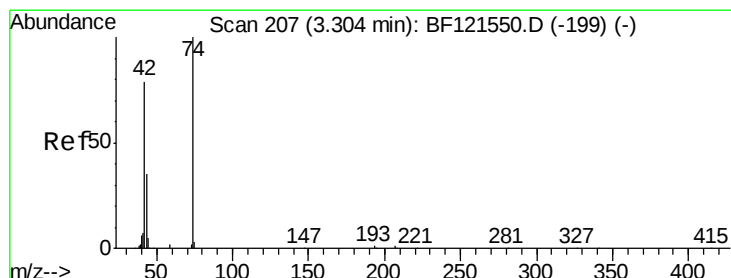
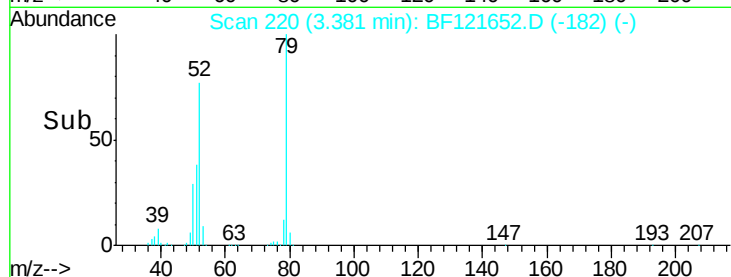
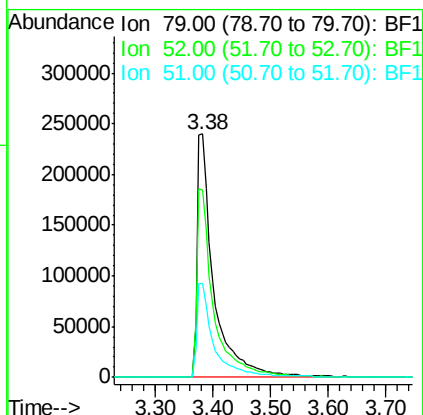
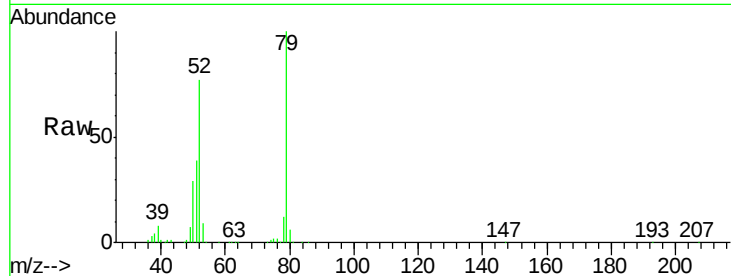




#3
 Pvridine
 Concen: 36.076 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.12 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

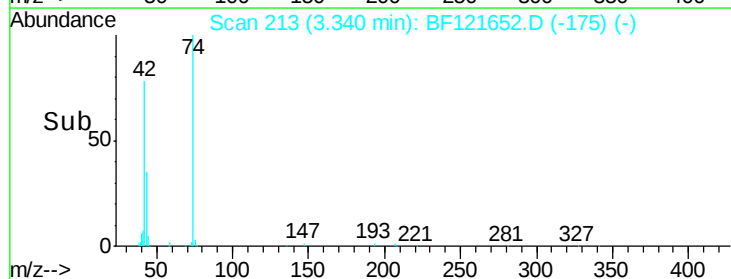
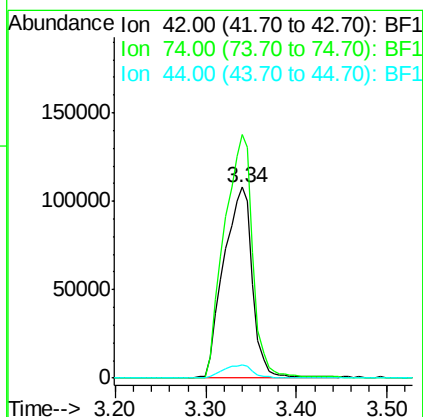
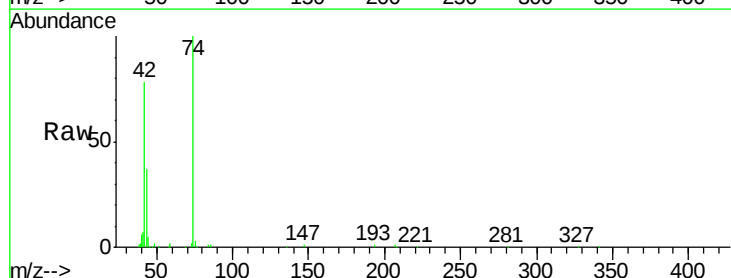
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion: 79 Resp: 483805
 Ion Ratio Lower Upper
 79 100
 52 76.9 63.4 95.0
 51 38.6 30.7 46.1



#4
 n-Nitrosodimethylamine
 Concen: 38.290 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.12 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion: 42 Resp: 238183
 Ion Ratio Lower Upper
 42 100
 74 127.5 102.6 154.0
 44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 83.173 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

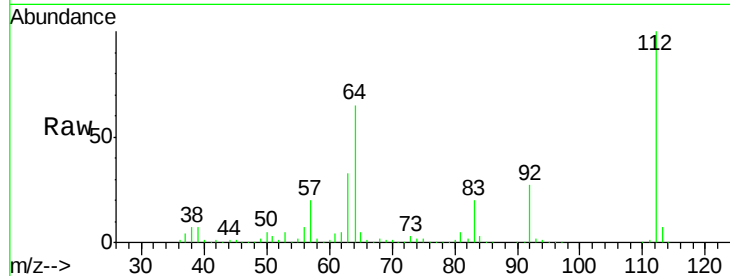
Tot Ion: 112 Resp: 878238

Ion Ratio Lower Upper

112 100

64 65.1 52.2 78.2

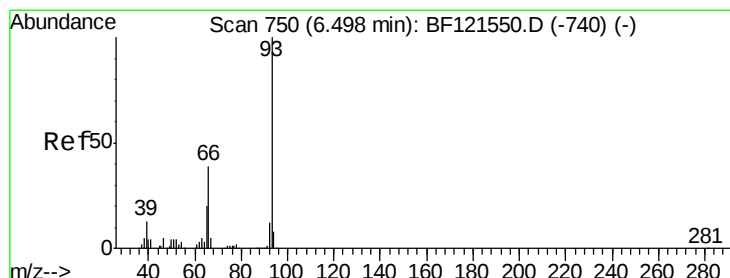
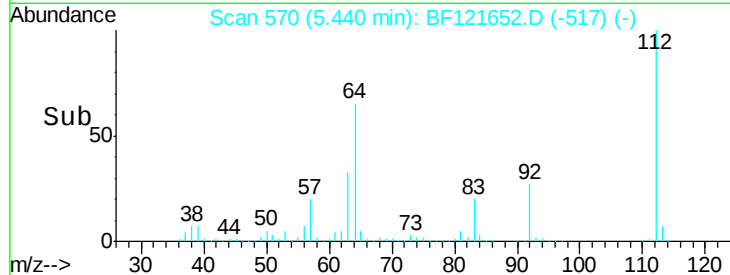
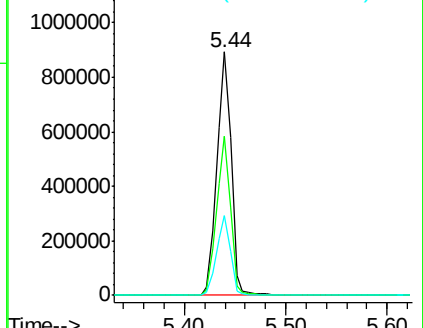
63 32.9 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.113 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

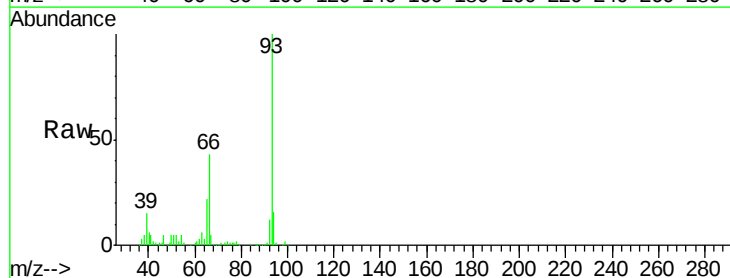
Tgt Ion: 93 Resp: 362886

Ion Ratio Lower Upper

93 100

66 43.4 31.9 47.9

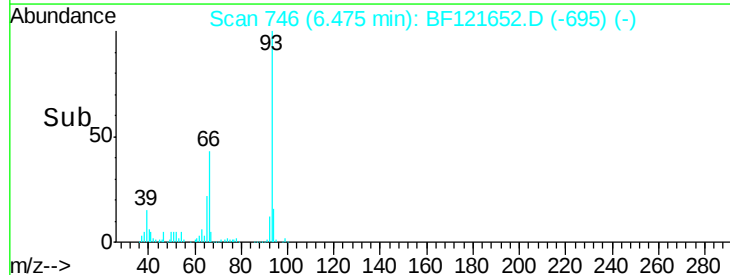
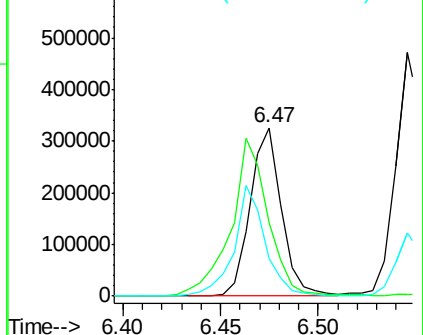
65 22.0 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.406 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

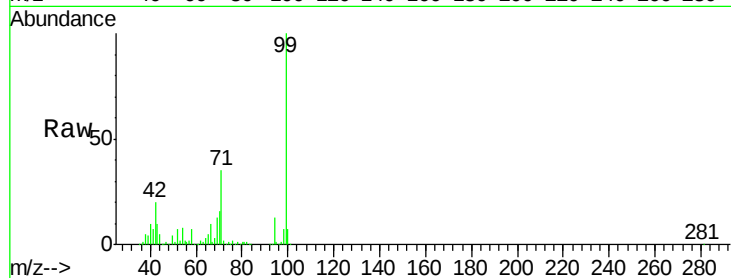
Tot Ion: 99 Resp: 1155428

Ion Ratio Lower Upper

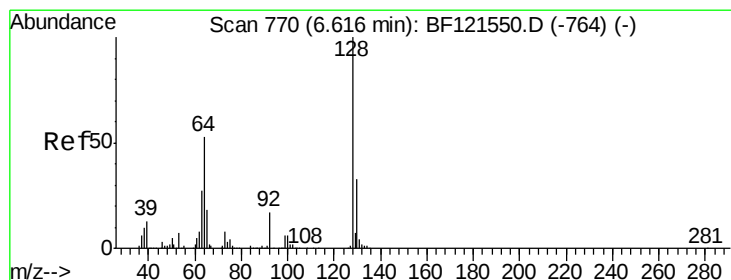
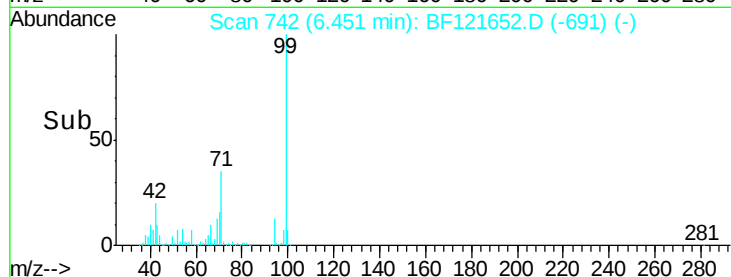
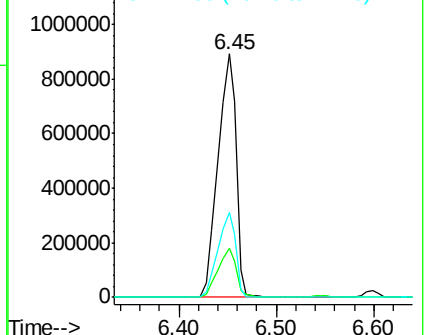
99 100

42 19.9 15.5 23.3

71 34.8 27.4 41.2



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: 41.545 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

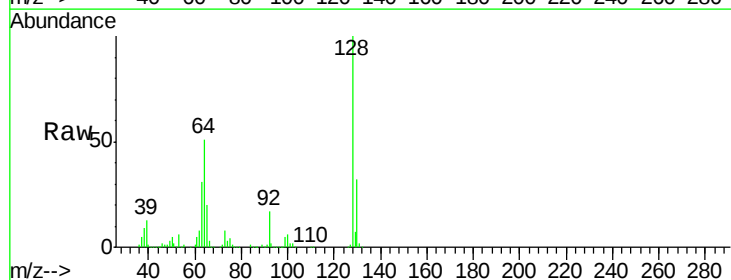
Tgt Ion: 128 Resp: 446642

Ion Ratio Lower Upper

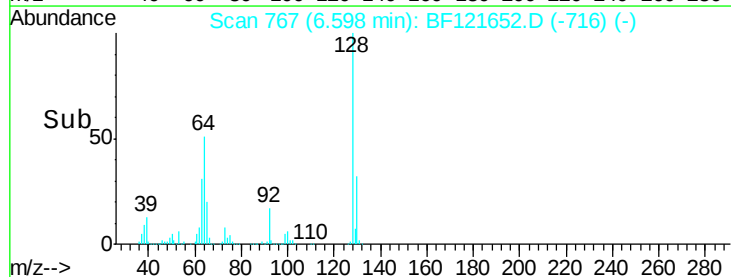
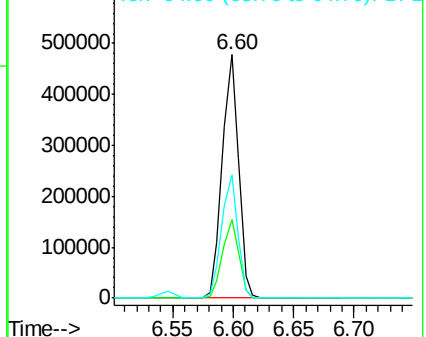
128 100

130 32.5 13.5 53.5

64 50.5 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: 18.100 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

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ClientSampleId :

PAV-B29-092120-10-17MSD

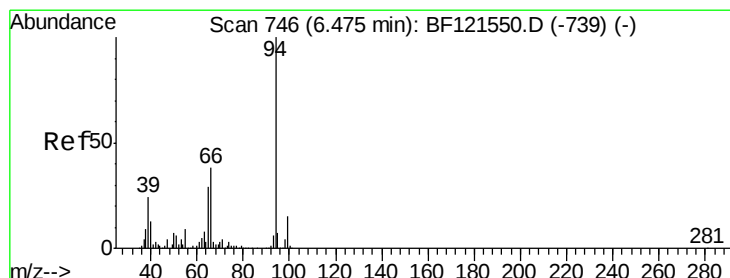
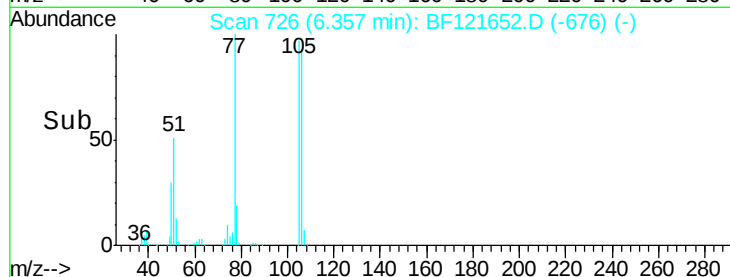
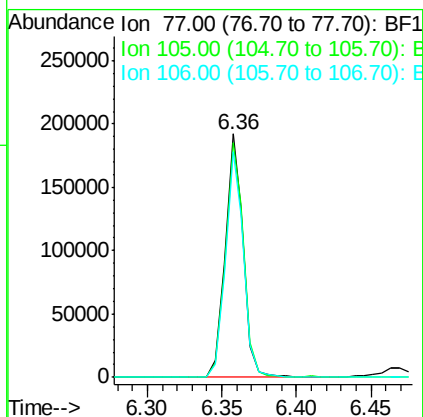
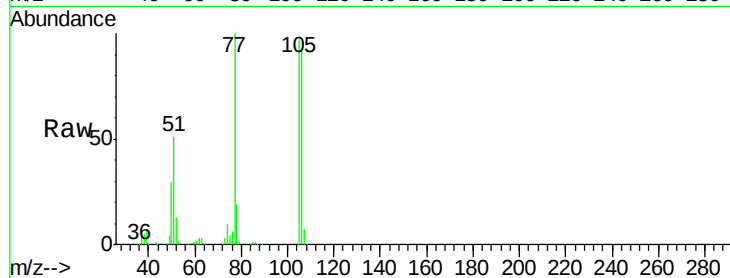
Tot Ion: 77 Resp: 163919

Ion Ratio Lower Upper

77 100

105 96.5 79.2 119.2

106 92.9 72.9 112.9



#10

Phenol

Concen: 38.365 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

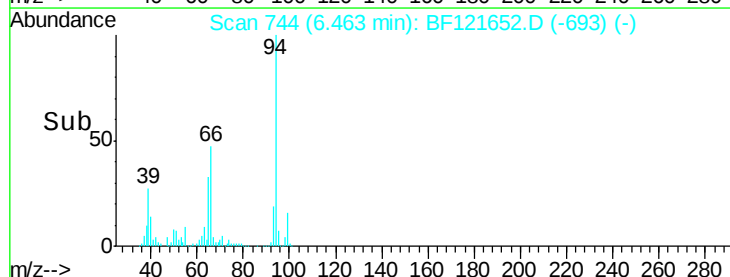
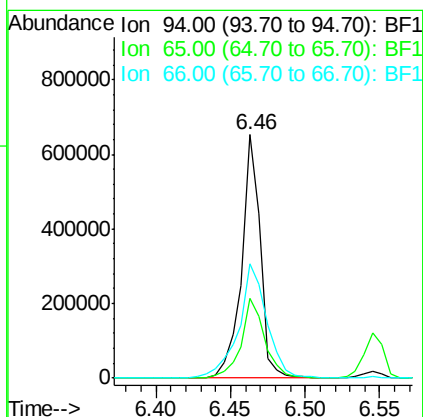
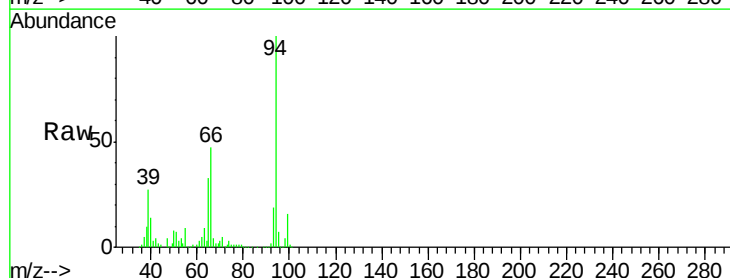
Tgt Ion: 94 Resp: 565951

Ion Ratio Lower Upper

94 100

65 32.6 17.8 57.8

66 47.0 37.8 77.8





#11

bis(2-Chloroethyl)ether

Concen: 39.288 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

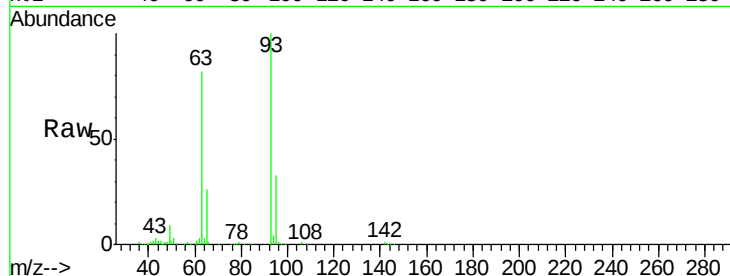
Tot Ion: 93 Resp: 436814

Ion Ratio Lower Upper

93 100

63 81.5 60.3 100.3

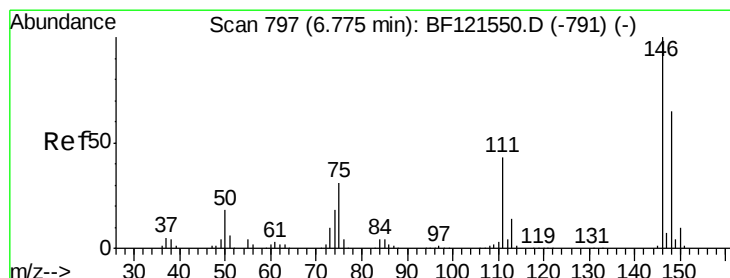
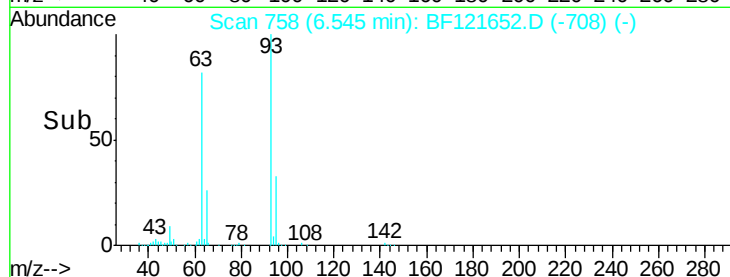
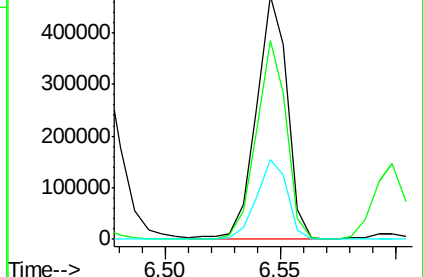
95 32.6 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.955 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

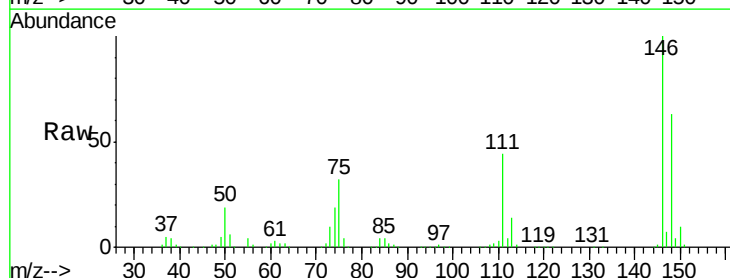
Tgt Ion: 146 Resp: 467445

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

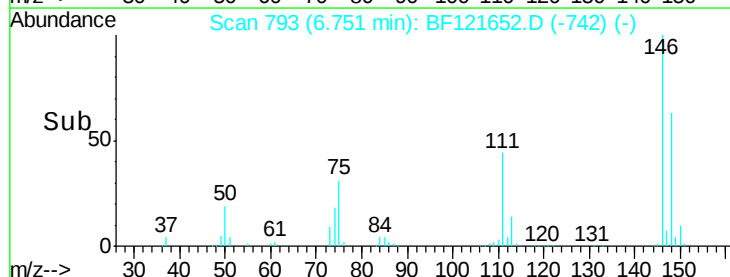
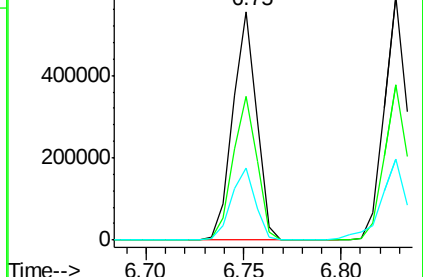
75 31.7 23.5 35.3

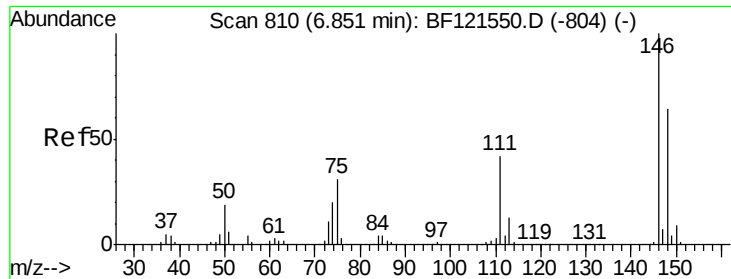


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

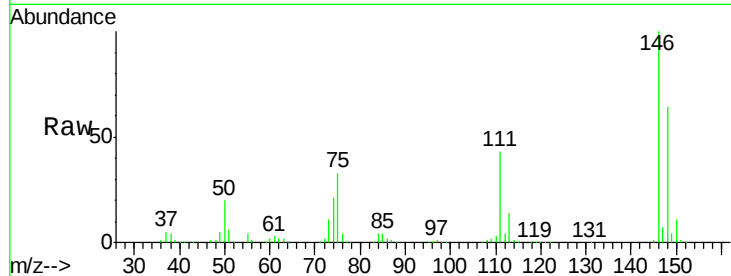




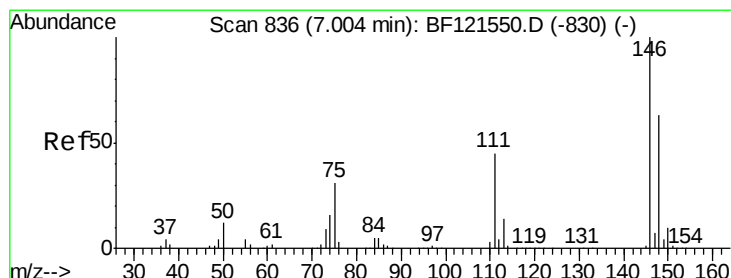
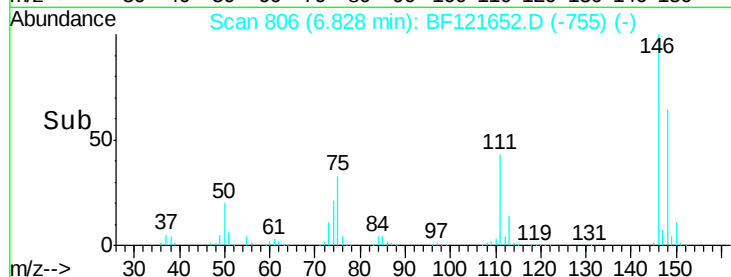
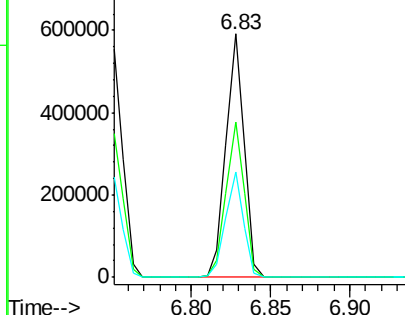
#13
 1,4-Dichlorobenzene
 Concen: 39.042 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

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

Tot Ion:146 Resp: 470413
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 43.4 32.7 49.1

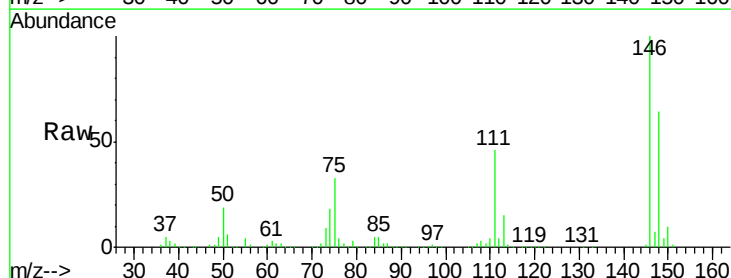


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

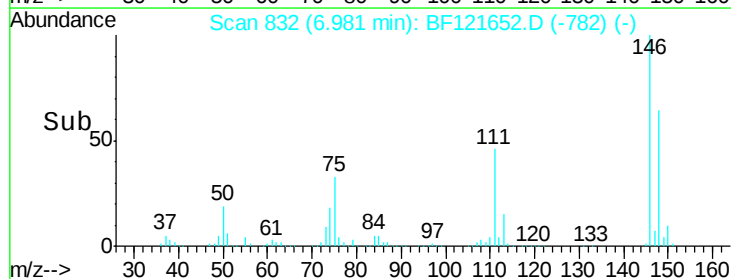
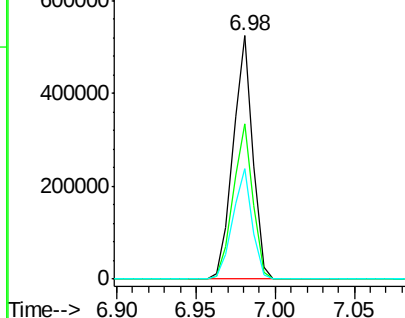


#14
 1,2-Dichlorobenzene
 Concen: 40.544 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:146 Resp: 450014
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 45.6 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

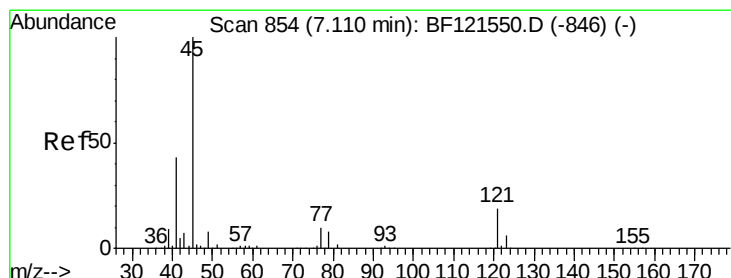
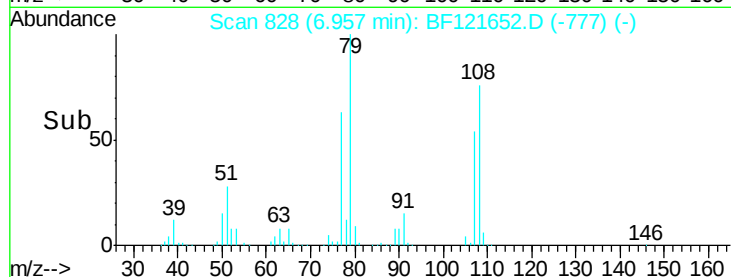
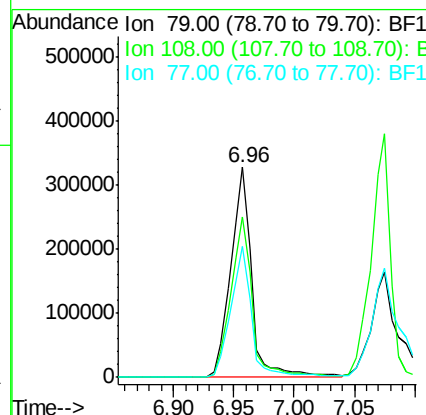
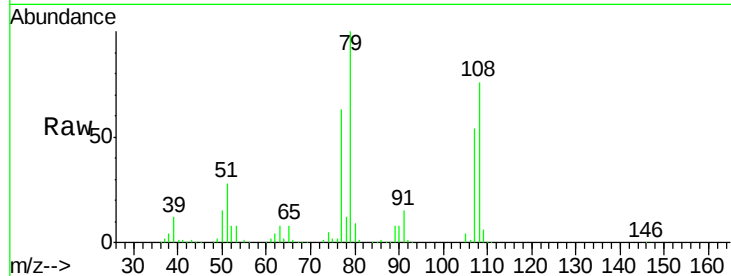




#15
Benzvl Alcohol
Concen: 42.024 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

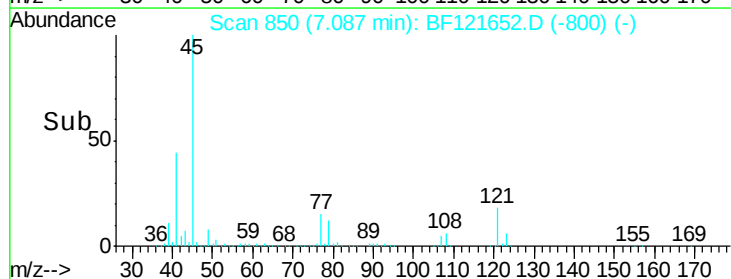
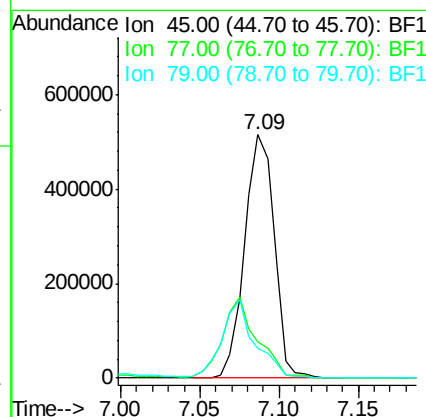
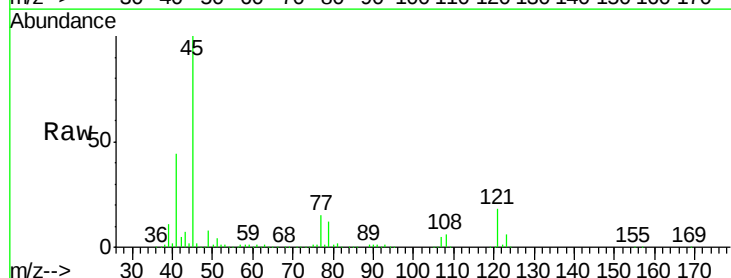
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

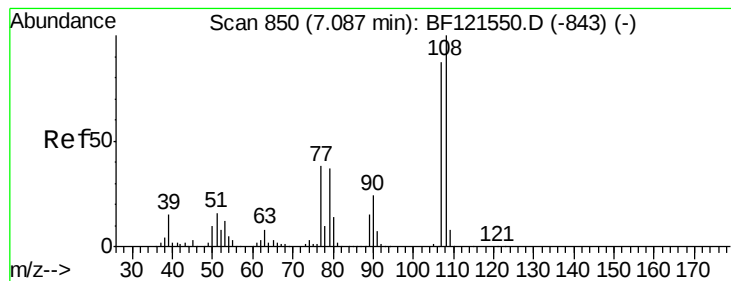
Tot Ion: 79 Resp: 395694
Ion Ratio Lower Upper
79 100
108 76.1 60.2 90.2
77 62.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.327 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion: 45 Resp: 667833
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.8
79 12.1 0.0 31.2

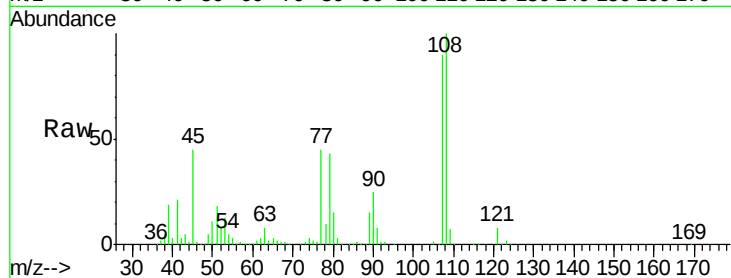




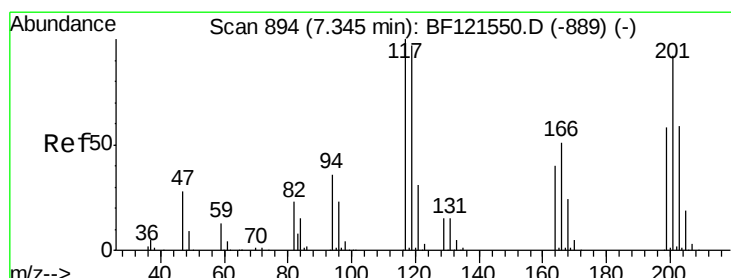
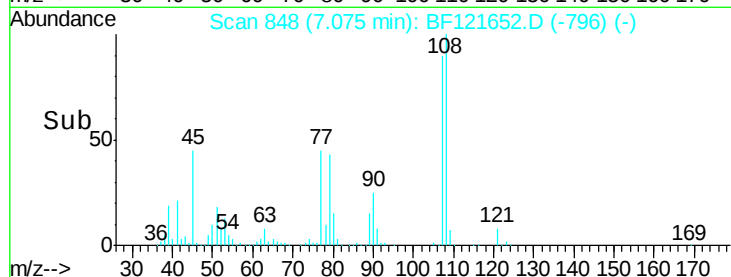
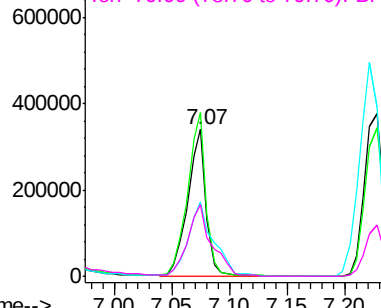
#17
2-Methylphenol
Concen: 41.150 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion:	107	Resp:	376419
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.6	135.8
77	50.4	38.7	58.1
79	48.5	37.9	56.9

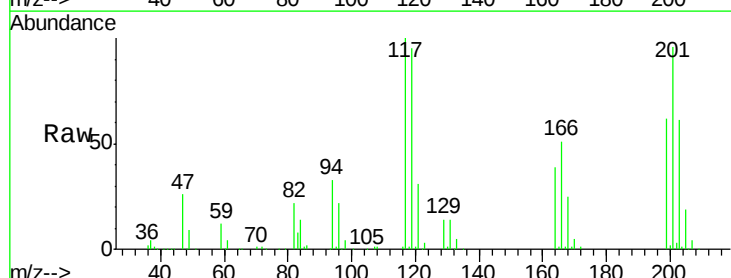


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

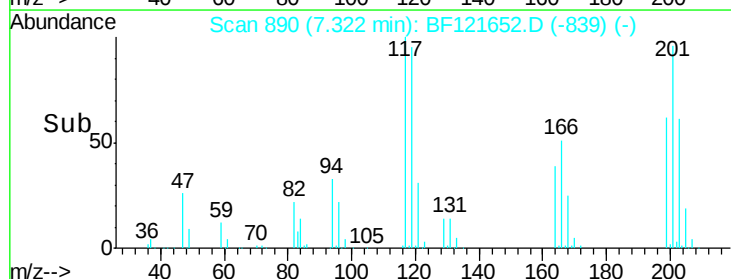
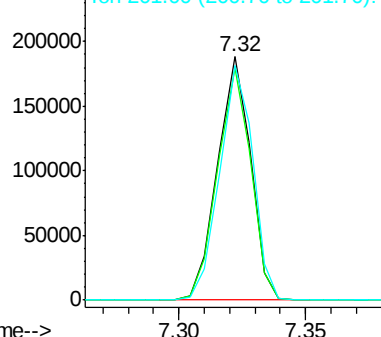


#18
Hexachloroethane
Concen: 39.776 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:	117	Resp:	171601
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.7	113.5
201	96.3	77.5	116.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

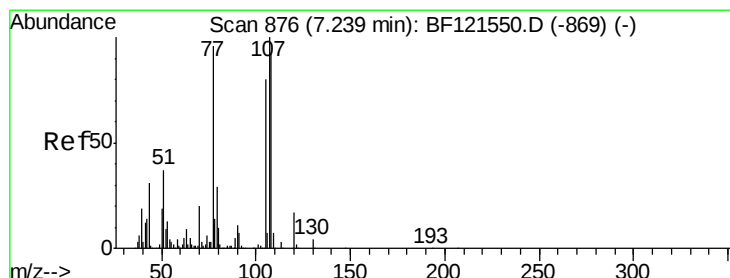
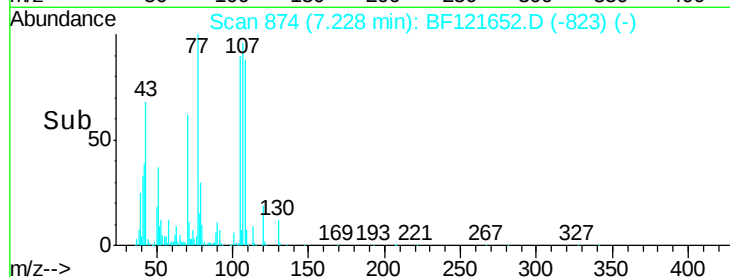
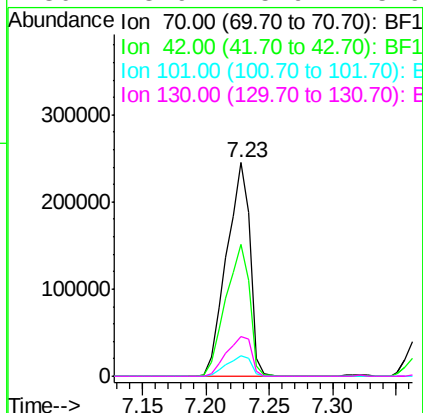
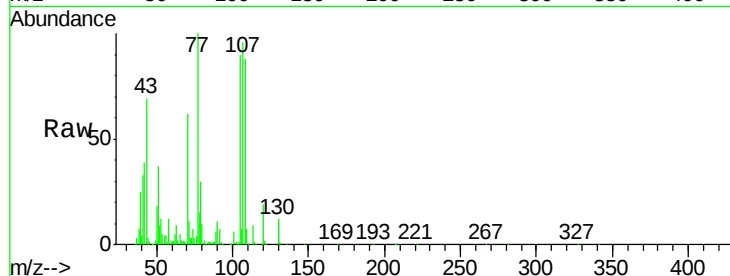




#19
n-Nitroso-di-n-propylamine
Concen: 39.195 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

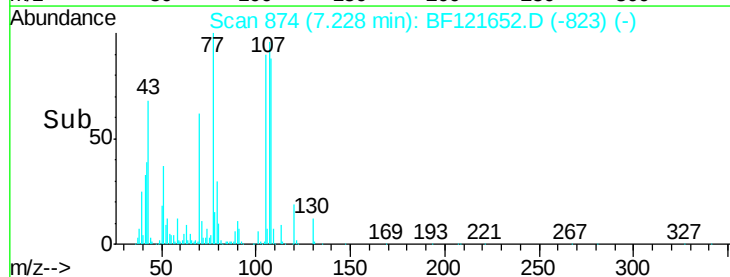
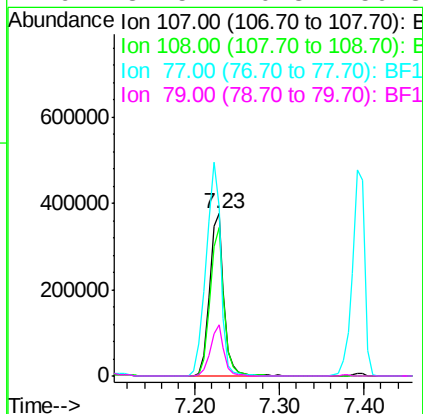
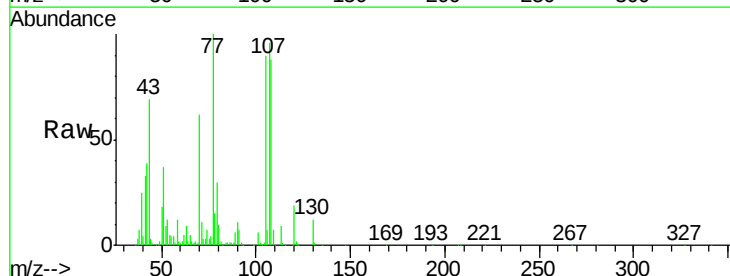
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

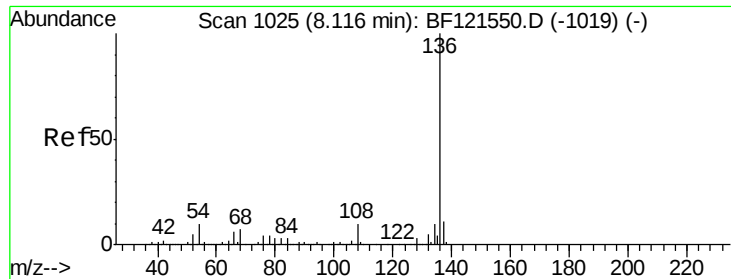
Tot Ion:	70	Resp:	312928
Ion	Ratio	Lower	Upper
70	100		
42	61.8	48.3	72.5
101	9.4	7.6	11.4
130	18.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.483 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:	107	Resp:	444930
Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.0	107.0
77	104.5	107.7	147.7
79	31.5	10.3	50.3

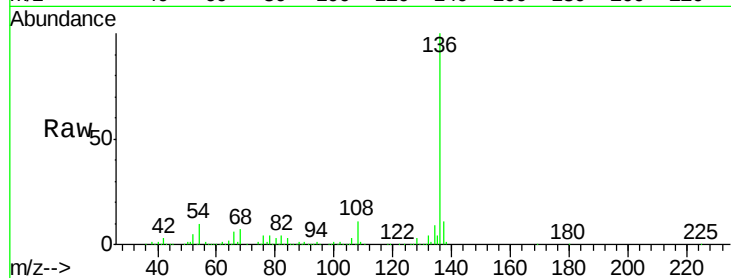




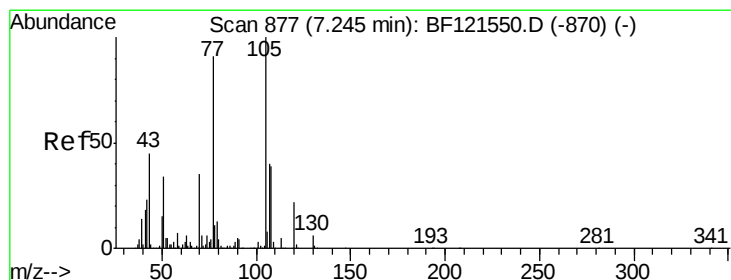
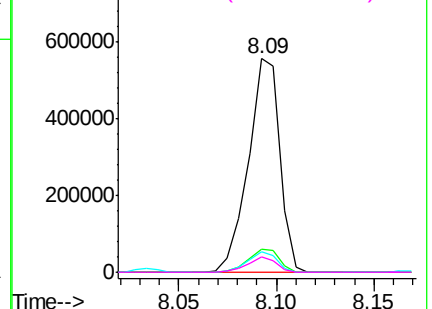
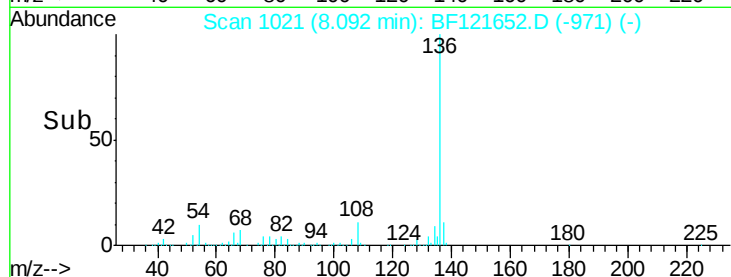
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion:136	Resp: 620921
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 9.7	7.4 11.0
68 7.0	5.3 7.9

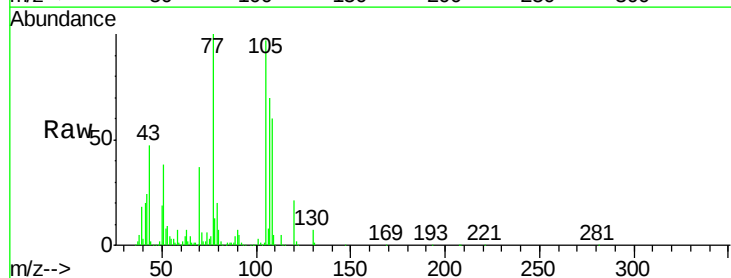


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

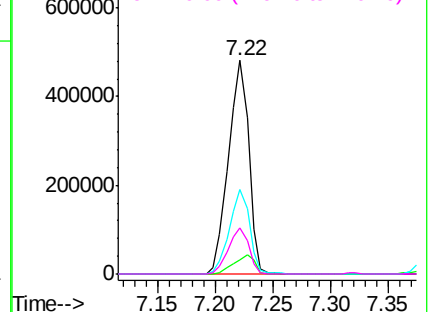
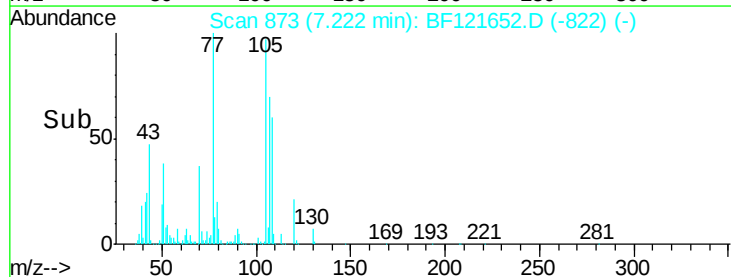


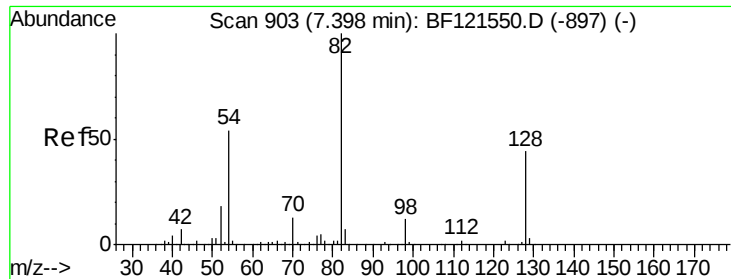
#22
Acetophenone
Concen: 37.344 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt	Ion:105	Resp:	588317
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.5	8.3
51	39.5	31.7	47.5
120	21.9	17.4	26.2



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

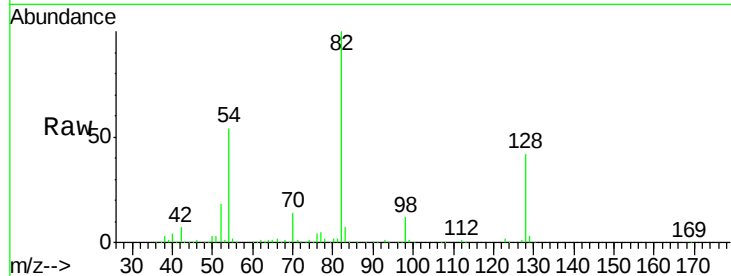




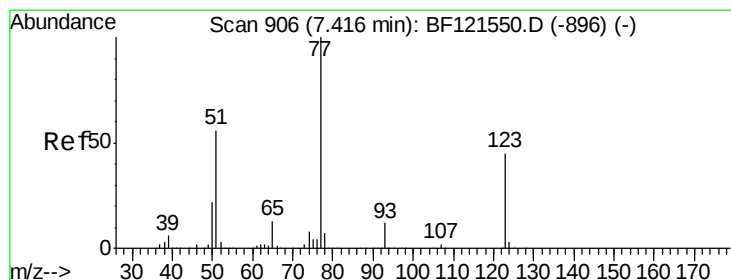
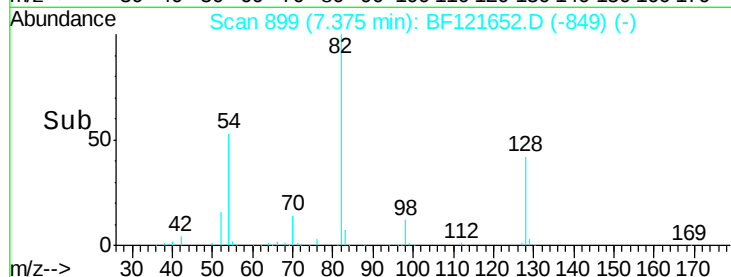
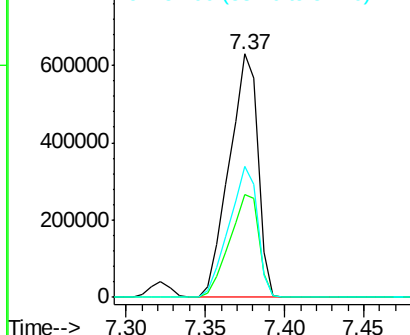
#23
Nitrobenzene-d5
Concen: 68.291 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion	82	Resp	789752
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.9	50.9
54	53.8	42.9	64.3

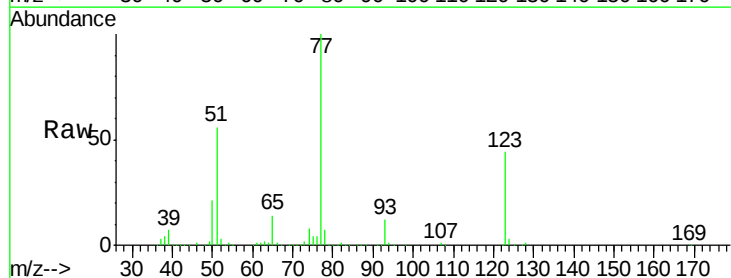


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

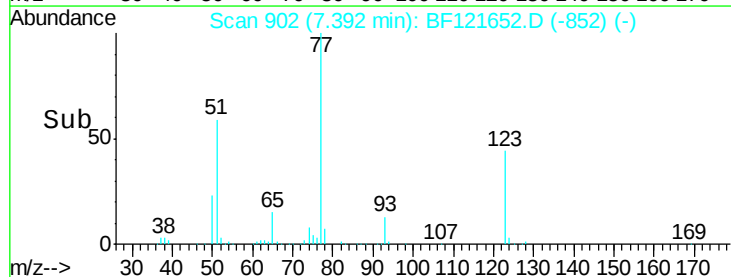
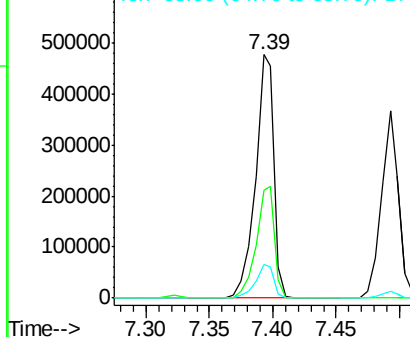


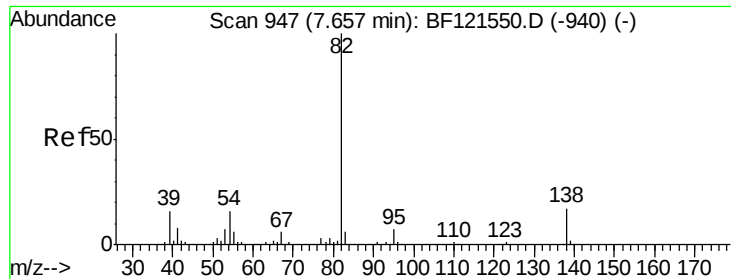
#24
Nitrobenzene
Concen: 38.823 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	77	Resp	485591
Ion Ratio	Lower	Upper	
77	100		
123	44.2	35.8	53.8
65	14.0	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.740 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

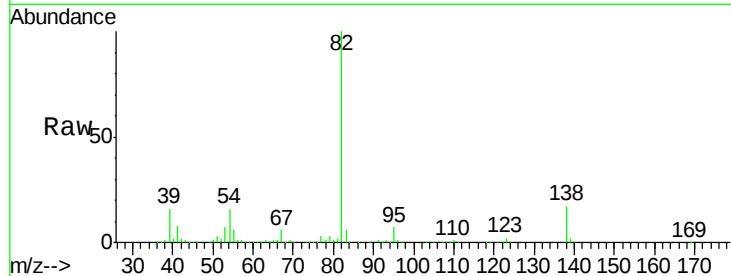
Tot Ion: 82 Resp: 878564

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

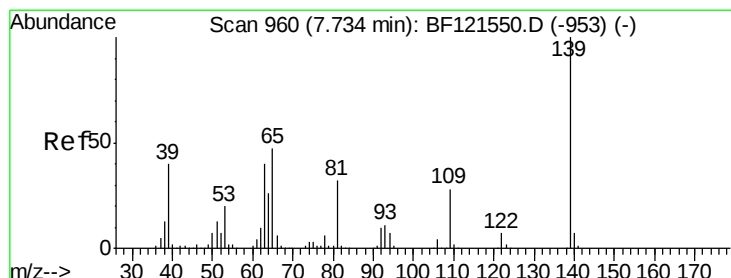
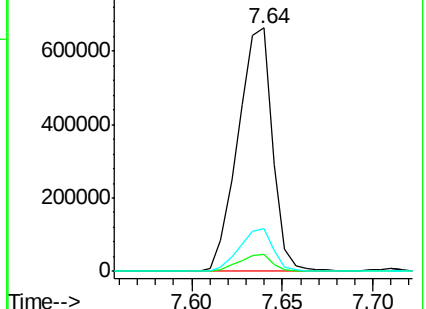
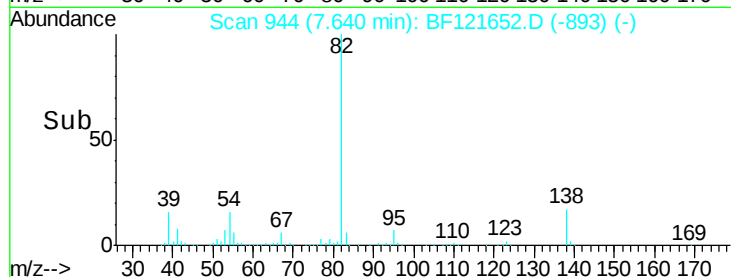
138 17.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.865 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

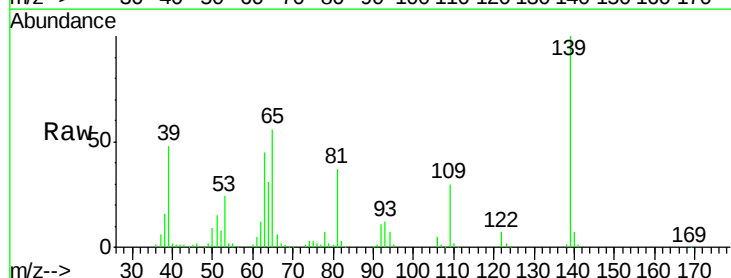
Tgt Ion: 139 Resp: 238257

Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

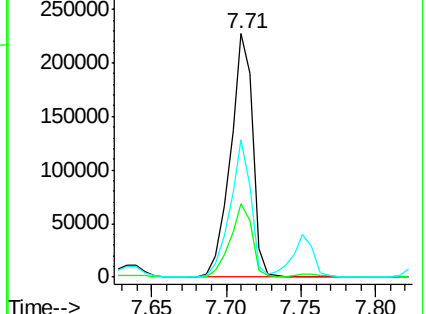
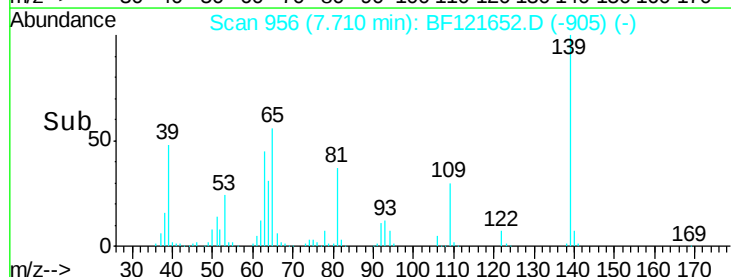
65 56.4 41.0 61.4

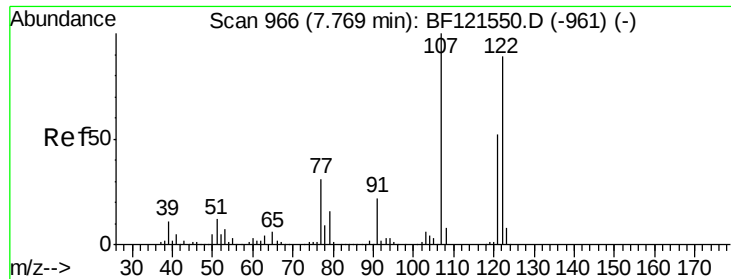


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.394 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

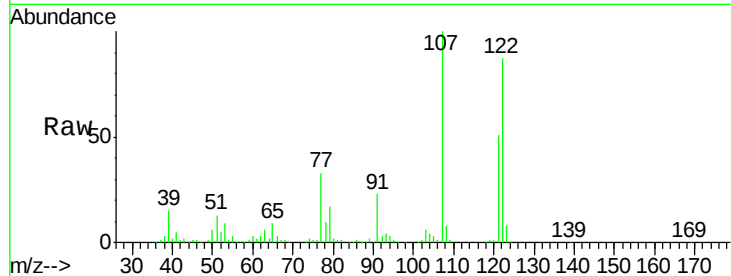
Tot Ion:122 Resp: 398971

Ion Ratio Lower Upper

122 100

107 114.3 91.4 137.0

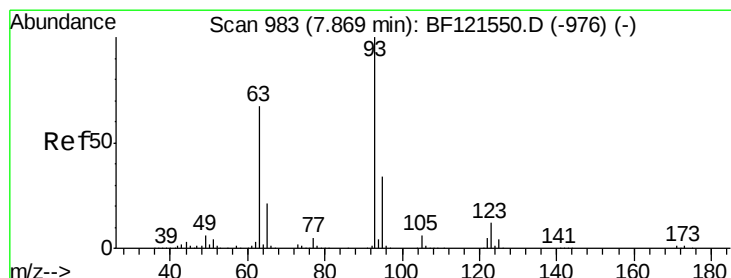
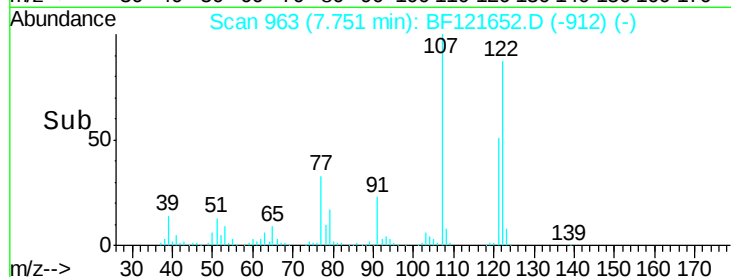
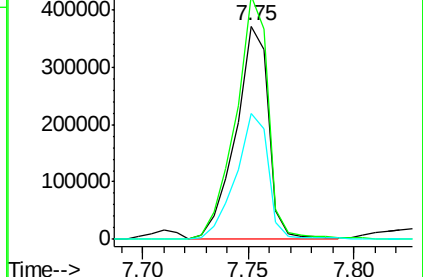
121 58.8 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.604 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

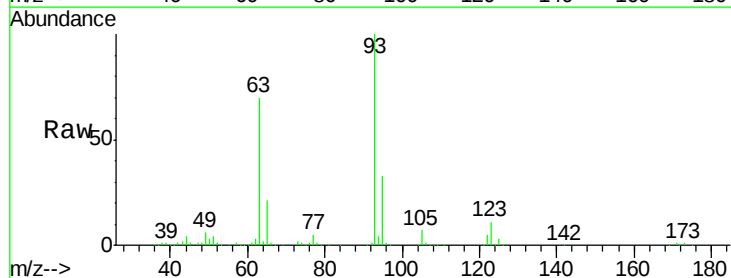
Tgt Ion: 93 Resp: 556352

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

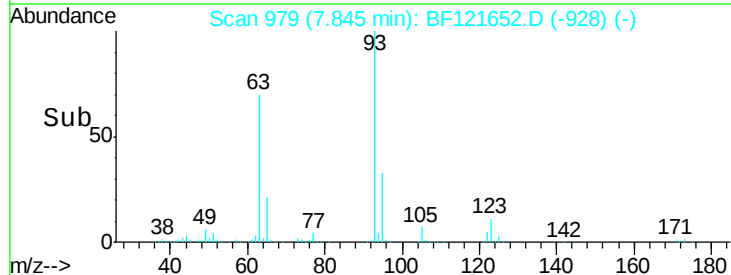
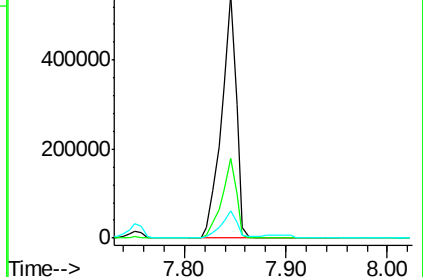
123 11.0 9.3 13.9

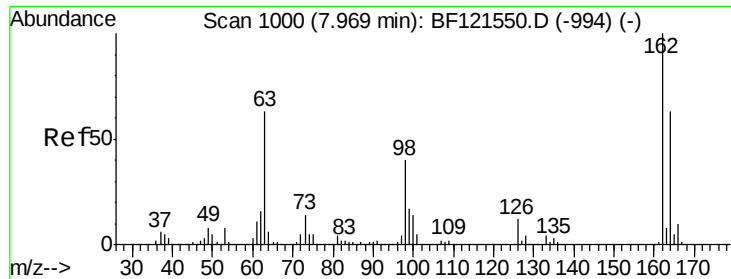


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

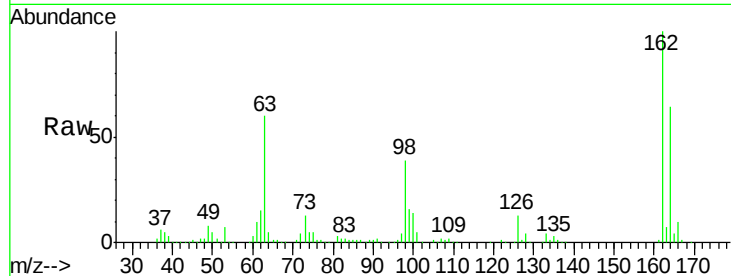




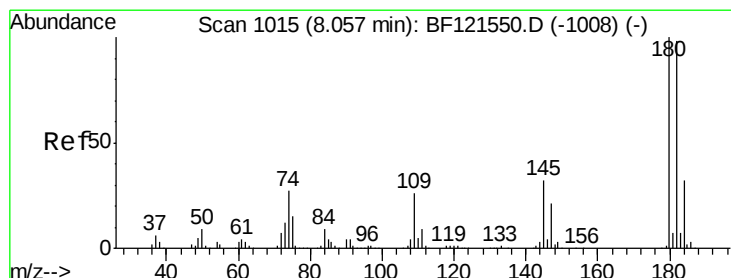
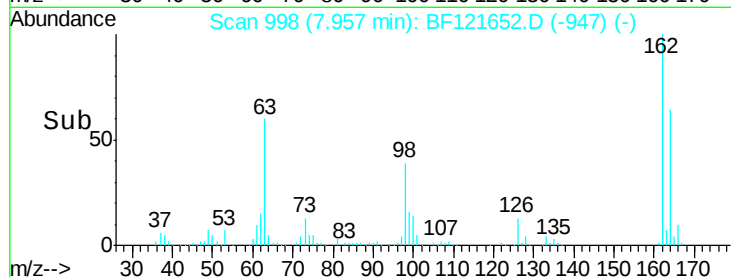
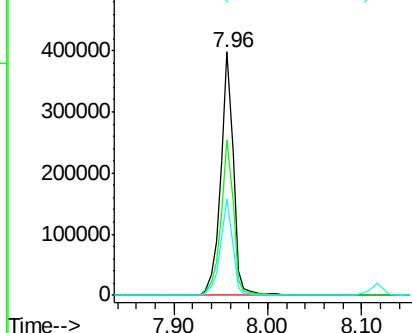
#29
2,4-Dichlorophenol
Concen: 39.663 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.1	84.1
98	39.4	16.7	56.7

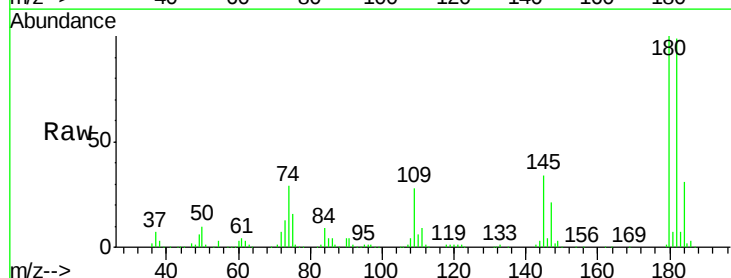


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

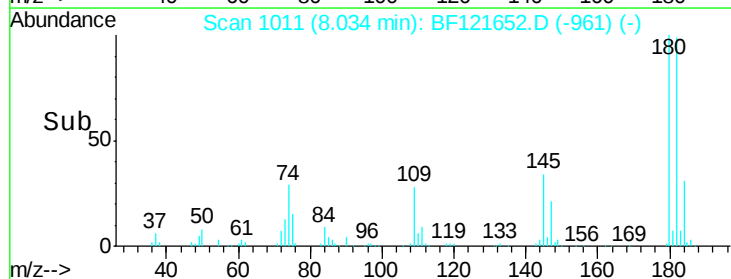
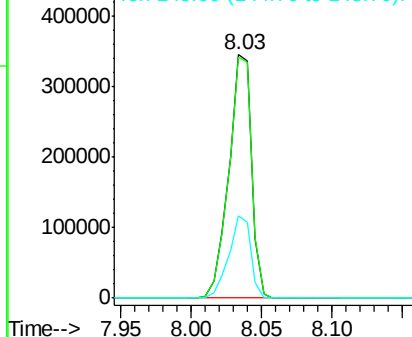


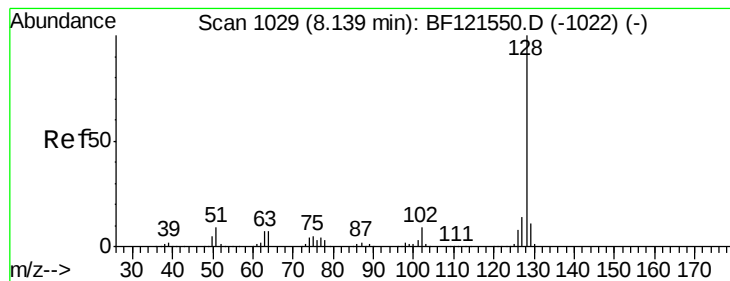
#30
1,2,4-Trichlorobenzene
Concen: 38.731 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	78.6	117.8
145	33.6	26.2	39.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.563 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

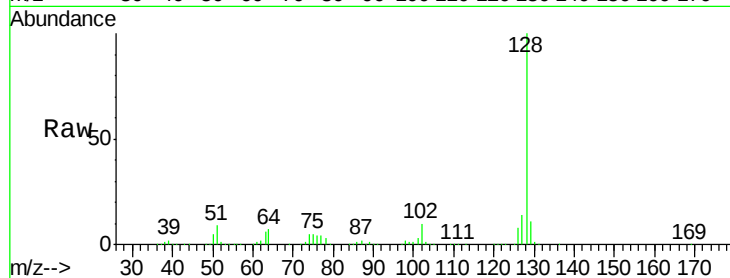
Tot Ion:128 Resp: 1263999

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

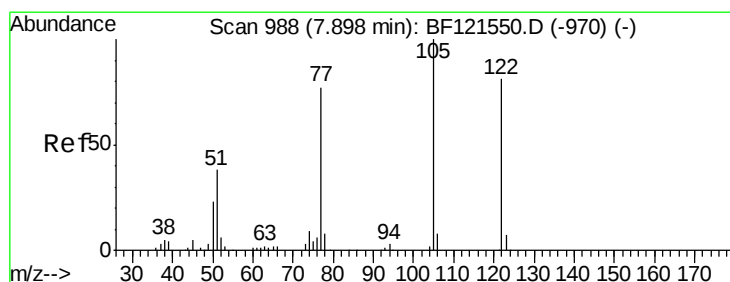
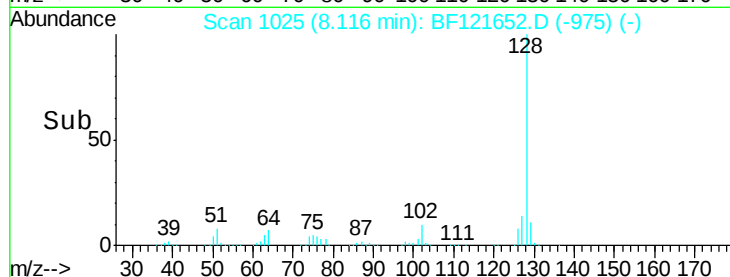
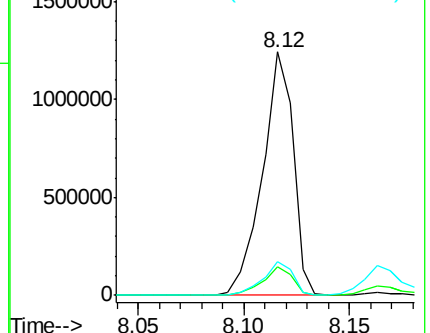
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.498 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

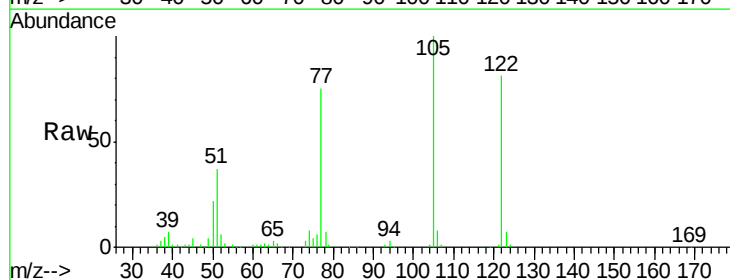
Tgt Ion:122 Resp: 276971

Ion Ratio Lower Upper

122 100

105 124.0 101.9 141.9

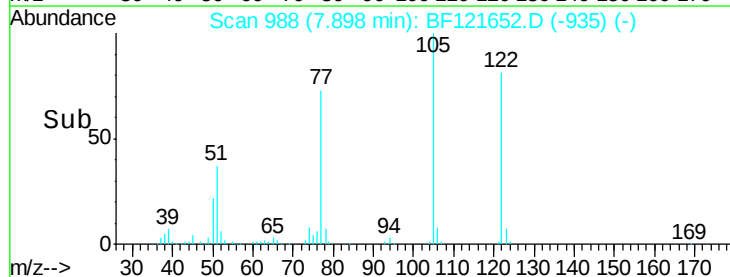
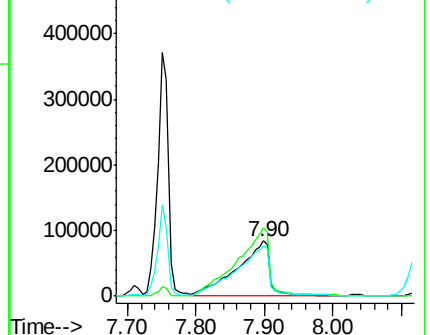
77 92.8 69.0 109.0

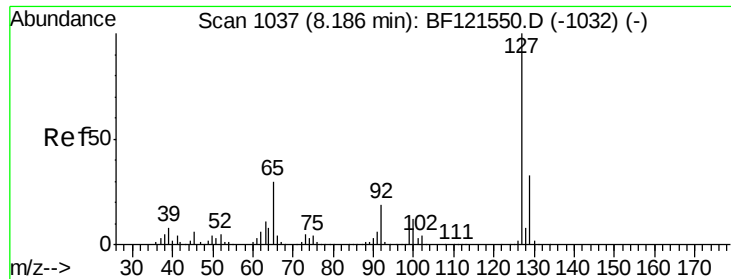


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

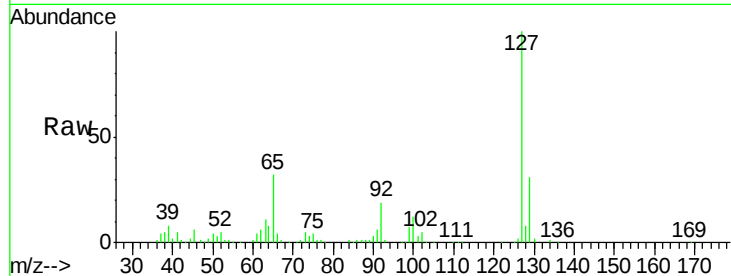




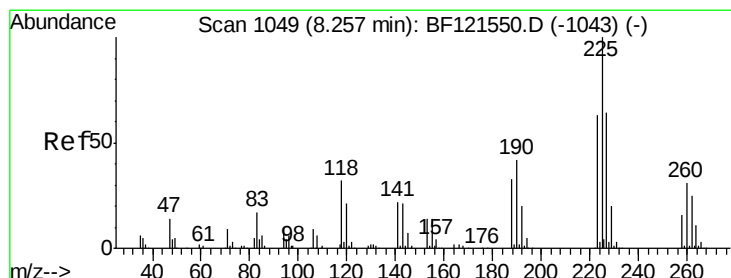
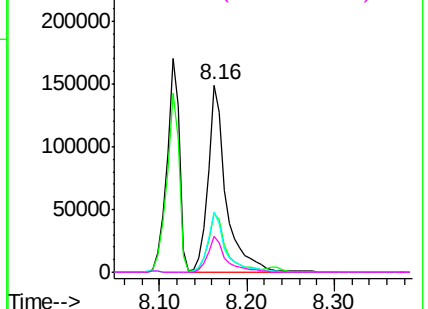
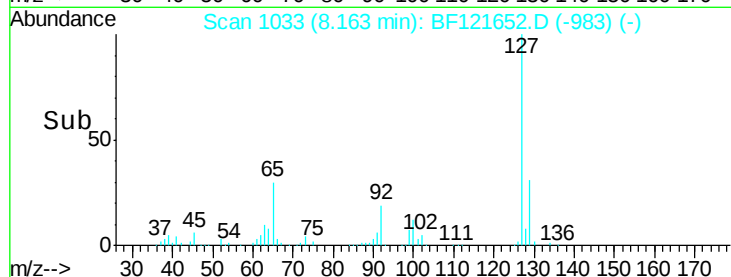
#33
4-Chloroaniline
Concen: 15.132 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion:	127	Resp:	214997
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	31.8	26.3	39.5
92	18.9	16.2	24.4

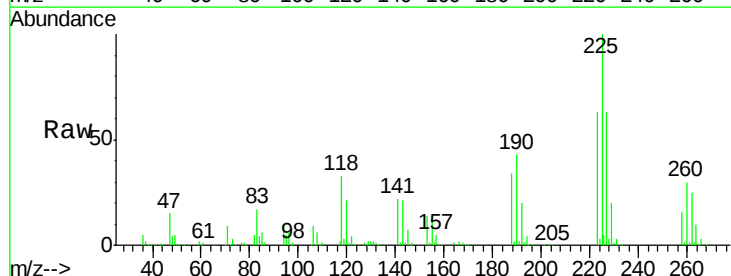


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

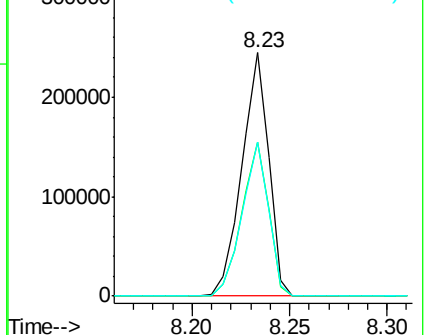
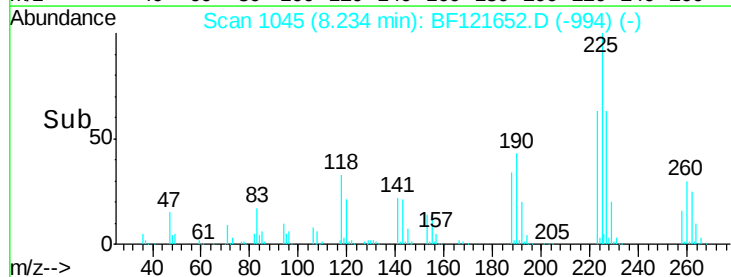


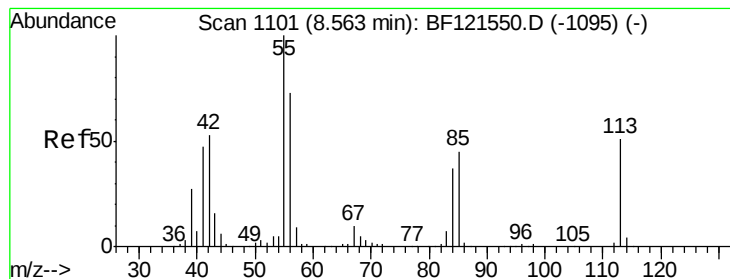
#34
Hexachlorobutadiene
Concen: 39.862 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:	225	Resp:	233230
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	63.5	51.7	77.5



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





#35

Caprolactam

Concen: 22.279 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

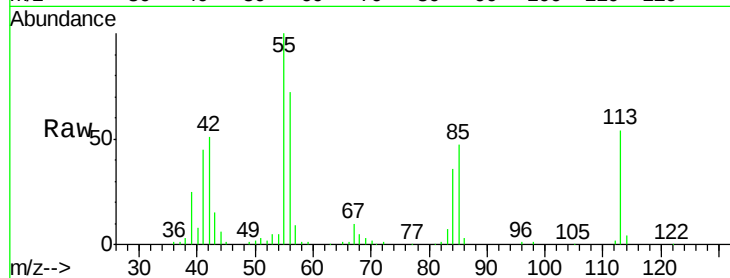
Tot Ion:113 Resp: 70220

Ion Ratio Lower Upper

113 100

55 184.5 166.3 206.3

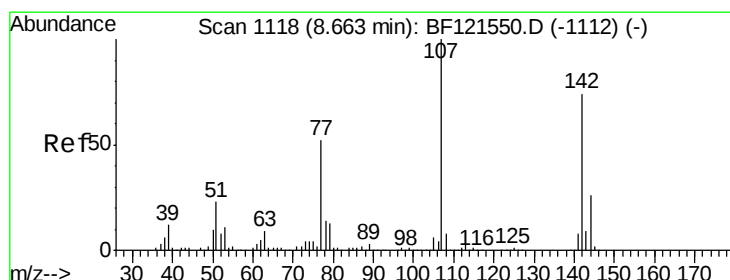
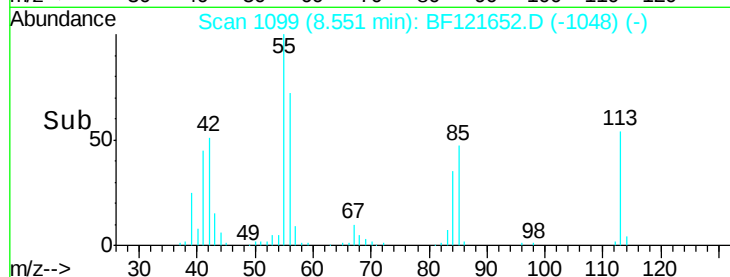
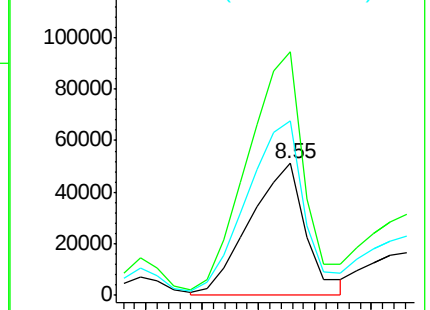
56 132.6 118.7 158.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.014 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

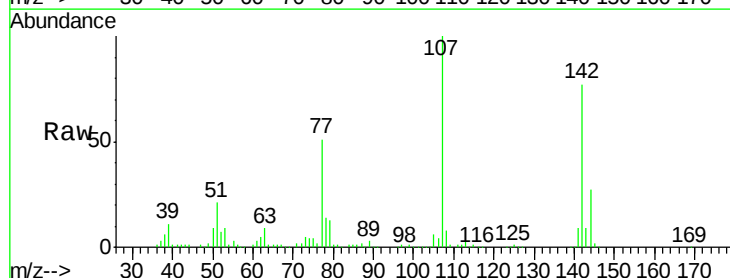
Tgt Ion:107 Resp: 418171

Ion Ratio Lower Upper

107 100

144 26.8 20.6 31.0

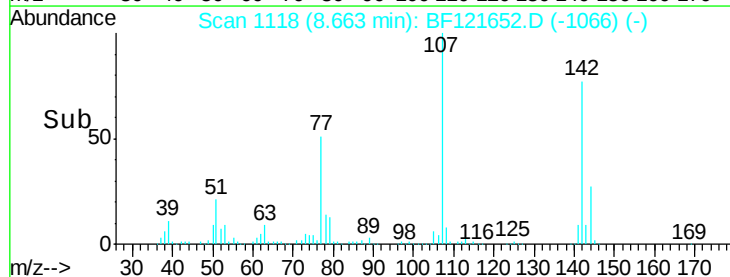
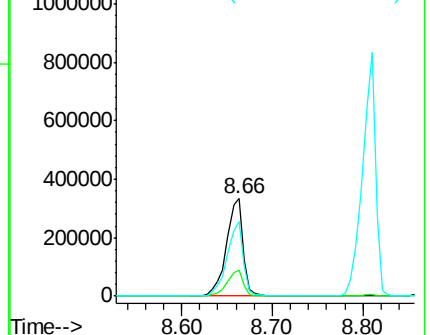
142 76.7 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.825 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

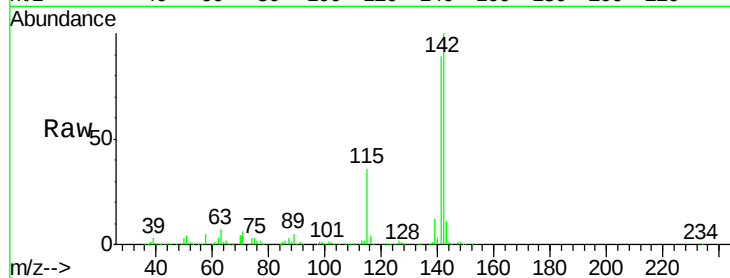
Tot Ion:142 Resp: 833972

Ion Ratio Lower Upper

142 100

141 89.0 72.2 108.2

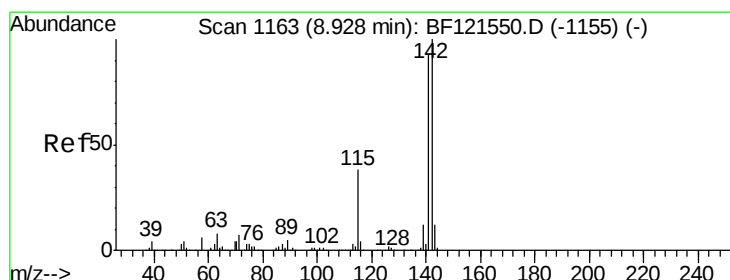
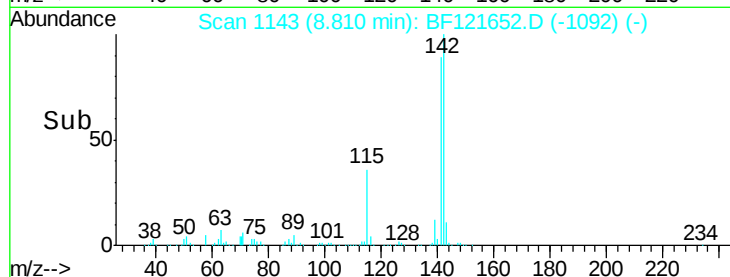
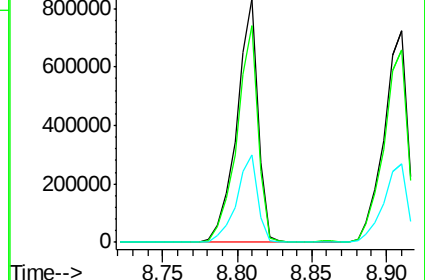
115 35.9 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.121 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

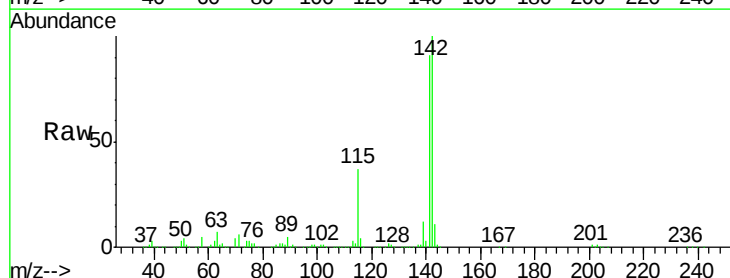
Tgt Ion:142 Resp: 782081

Ion Ratio Lower Upper

142 100

141 91.1 73.8 110.8

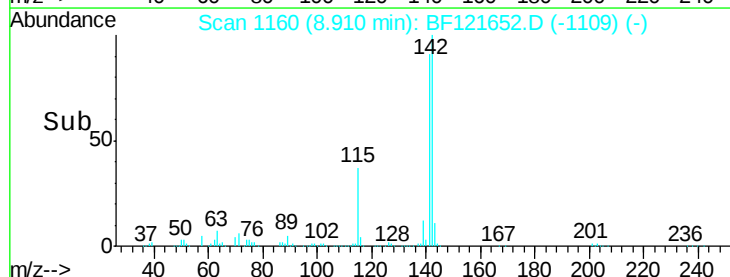
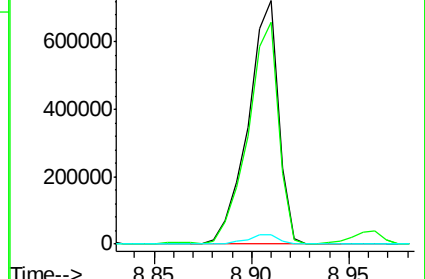
116 3.7 3.3 4.9

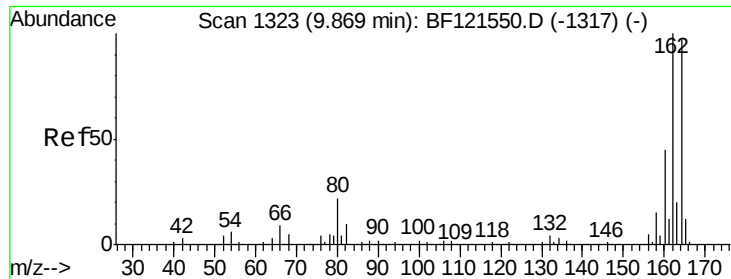


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

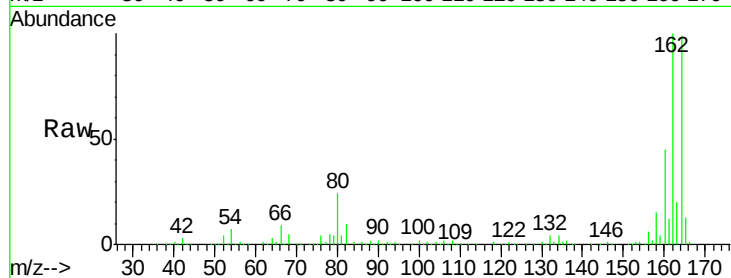
Tot Ion:164 Resp: 330172

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

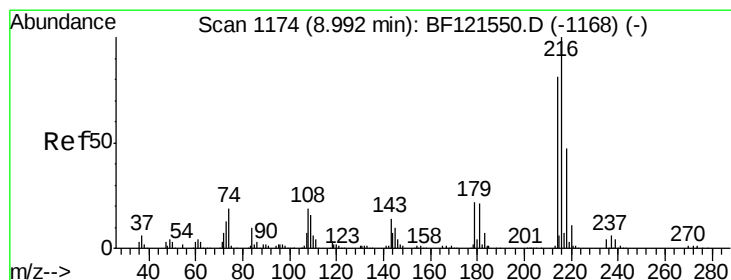
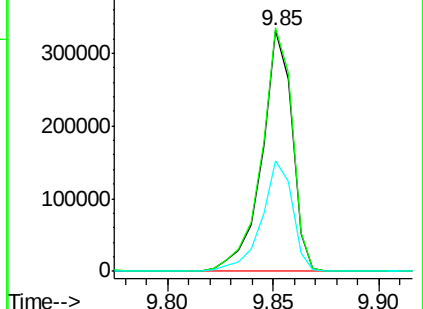
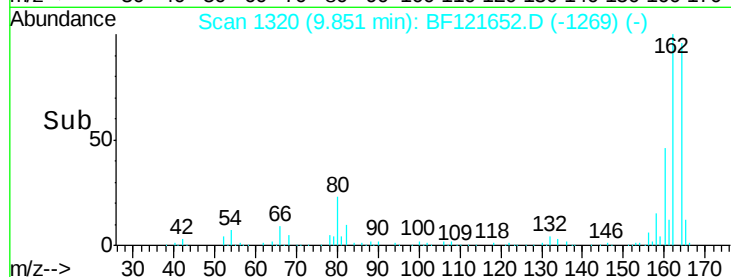
160 46.0 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.866 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:216 Resp: 390535

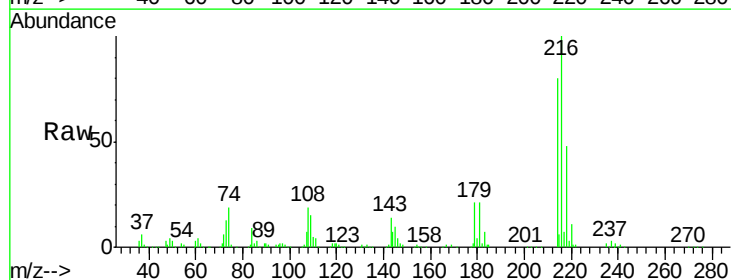
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.7 16.6 24.8

108 20.5 15.2 22.8

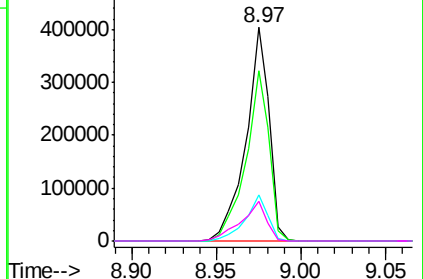
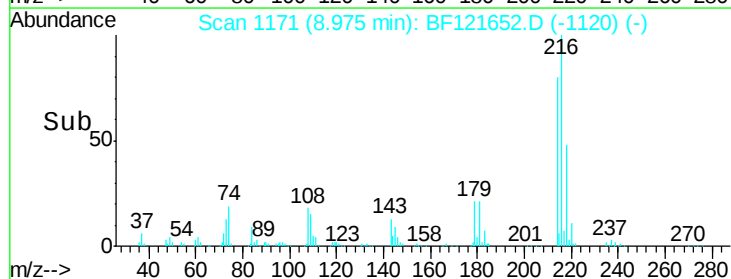


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.109 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

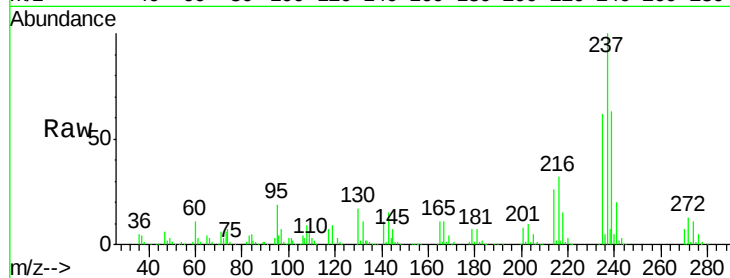
Tot Ion:237 Resp: 354027

Ion Ratio Lower Upper

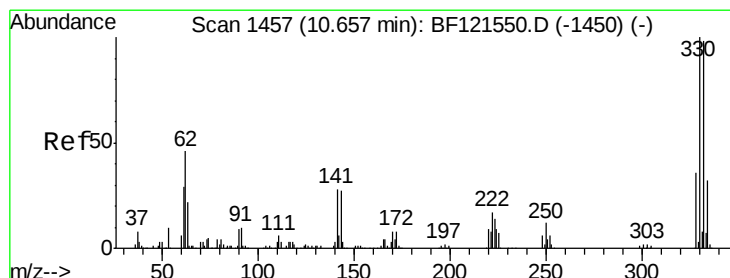
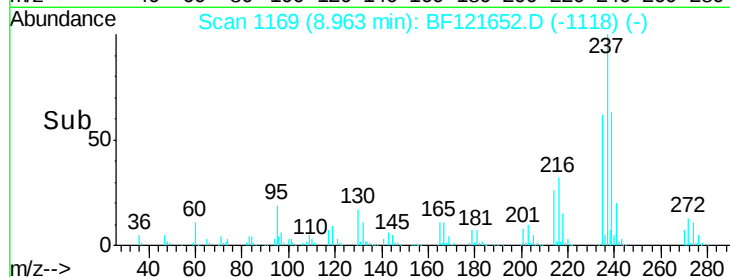
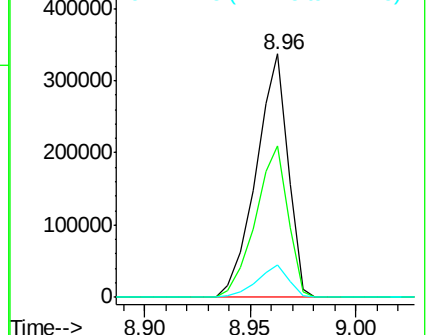
237 100

235 62.1 43.4 83.4

272 13.4 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 93.893 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

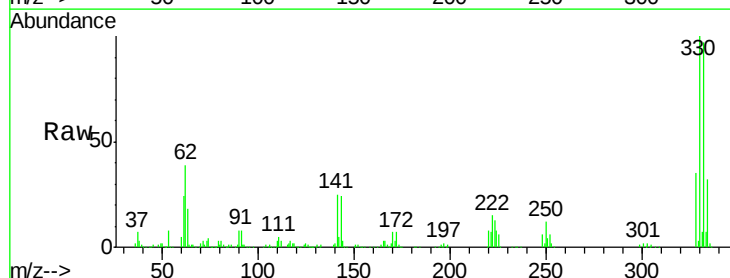
Tgt Ion:330 Resp: 385297

Ion Ratio Lower Upper

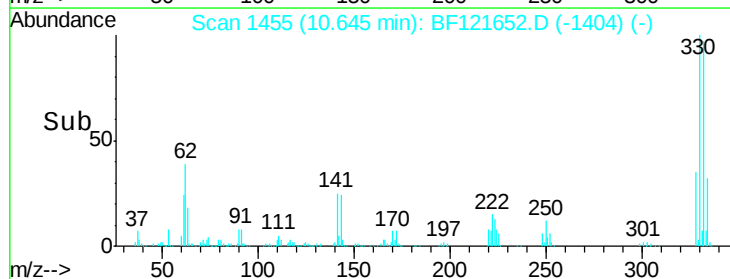
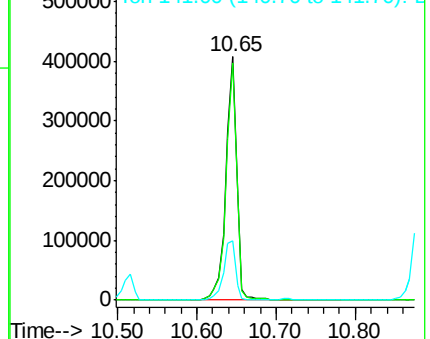
330 100

332 96.0 76.9 115.3

141 27.9 22.4 33.6



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

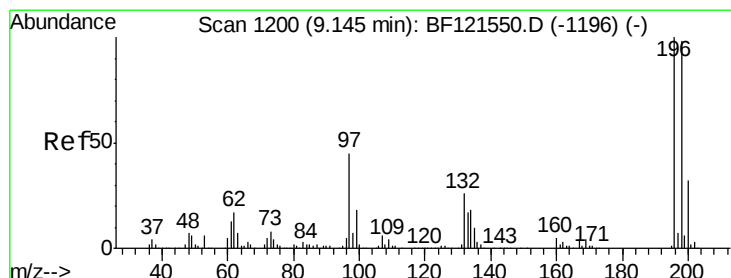
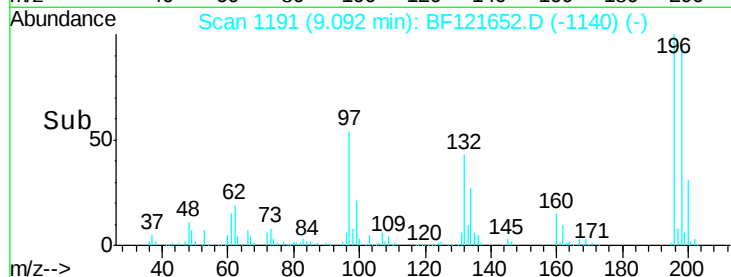
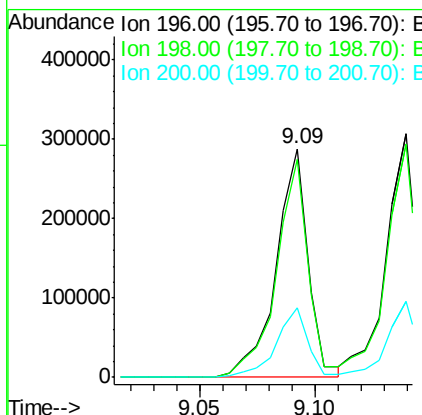
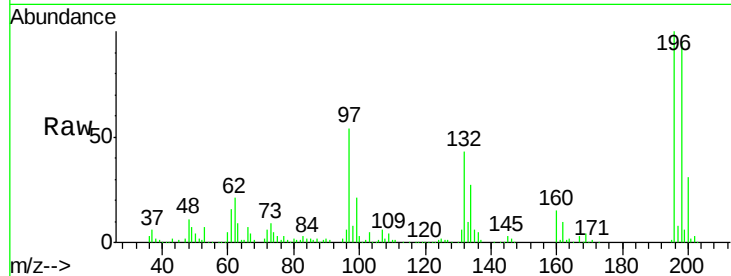




#43
 2,4,6-Trichlorophenol
 Concen: 39.387 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

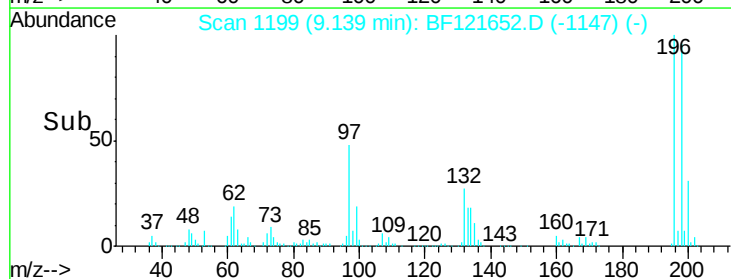
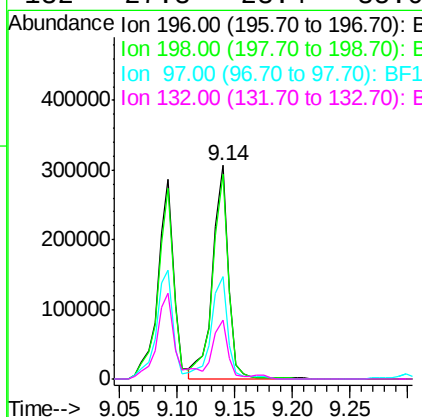
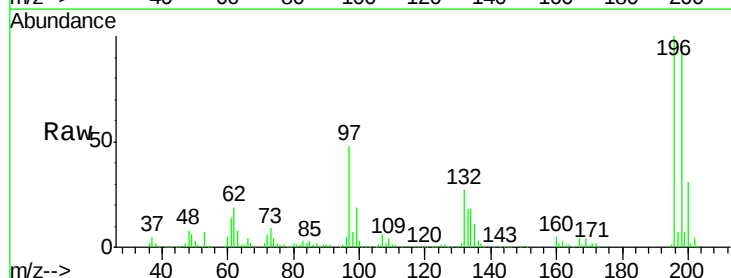
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

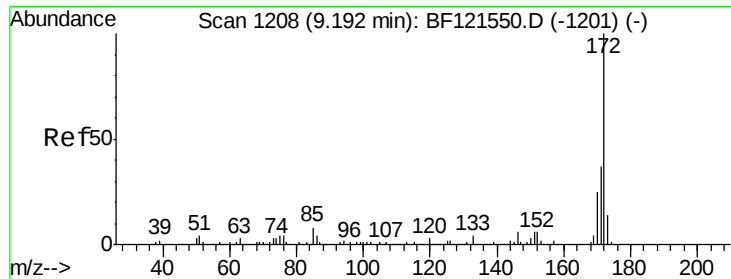
Tot Ion:196 Resp: 276886
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.2
 200 30.7 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 39.224 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:196 Resp: 291496
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.3 111.5
 97 47.9 44.2 66.2
 132 27.3 23.4 35.0

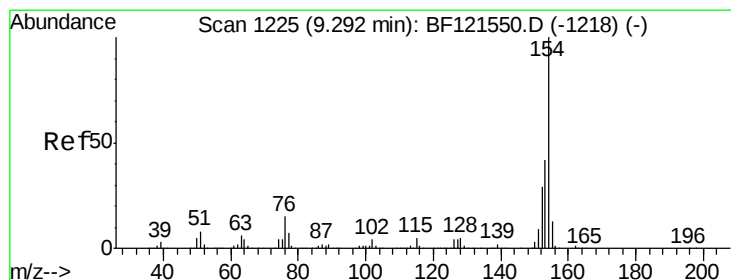
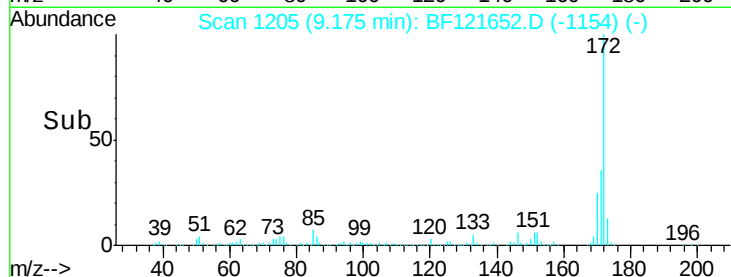
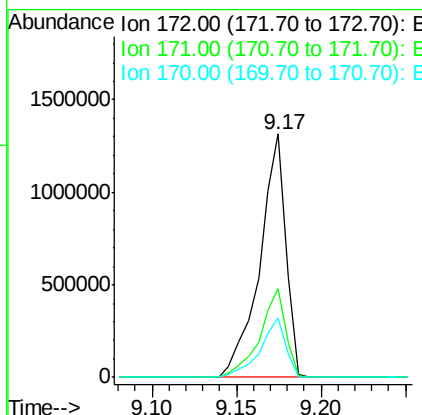
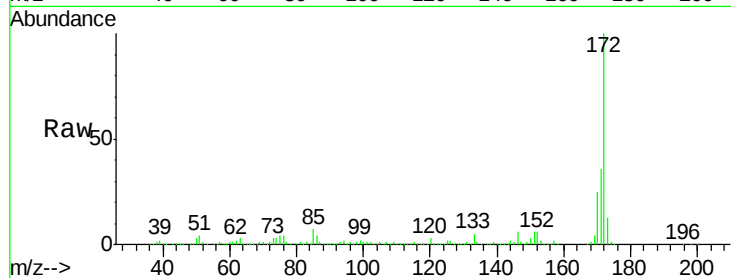




#45
2-Fluorobiphenyl
Concen: 64.365 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

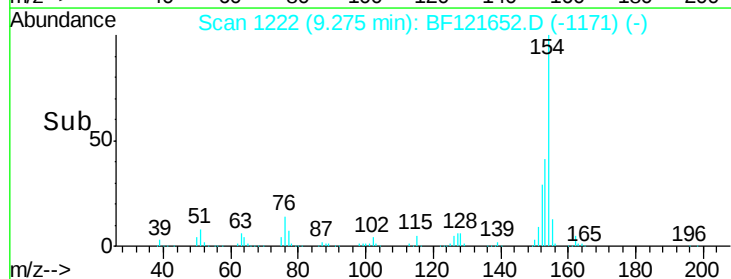
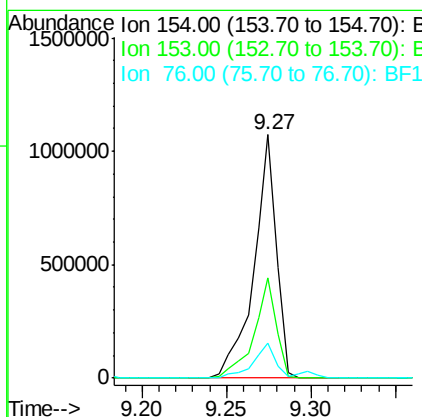
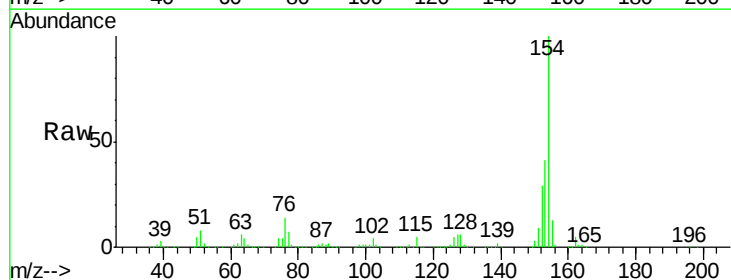
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

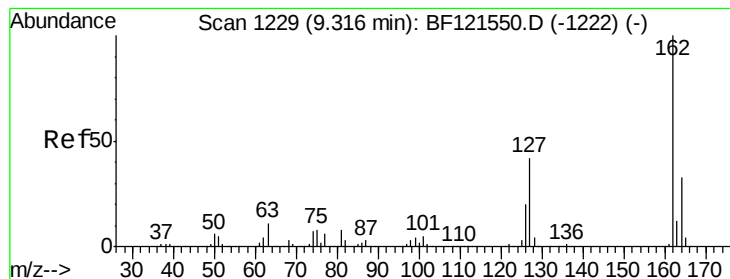
Tot Ion:172 Resp: 1403175
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 24.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 37.829 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:154 Resp: 999905
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 14.2 0.0 34.1





#47

2-Chloronaphthalene

Concen: 37.584 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

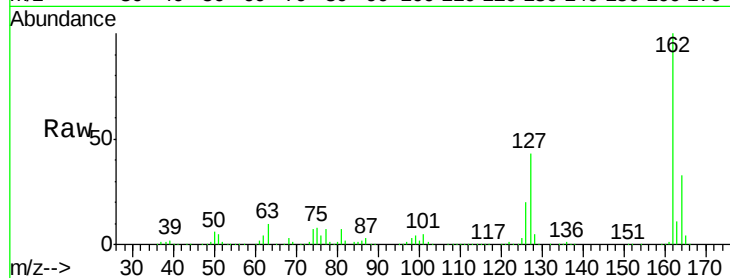
Tot Ion:162 Resp: 782850

Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

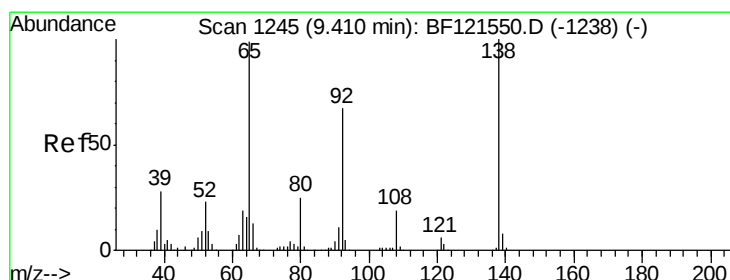
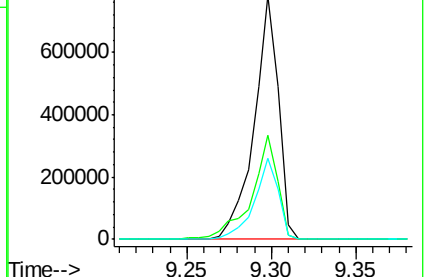
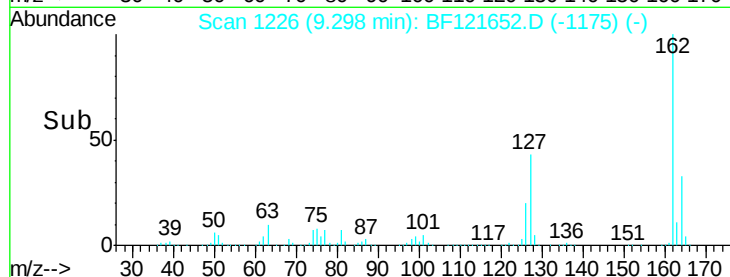
164 33.5 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.754 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

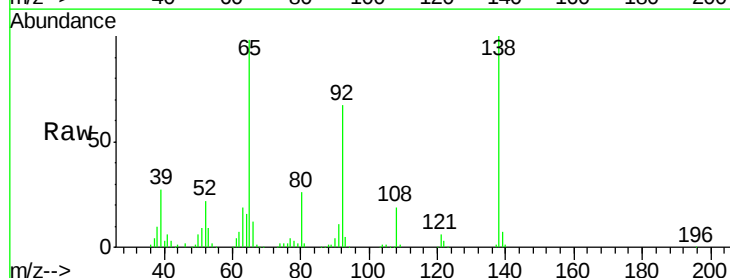
Tgt Ion: 65 Resp: 270262

Ion Ratio Lower Upper

65 100

92 68.4 56.0 84.0

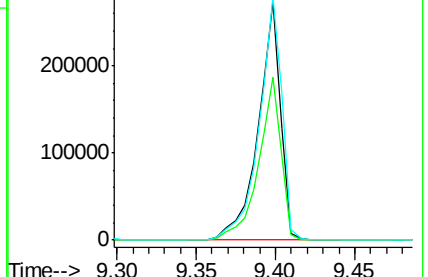
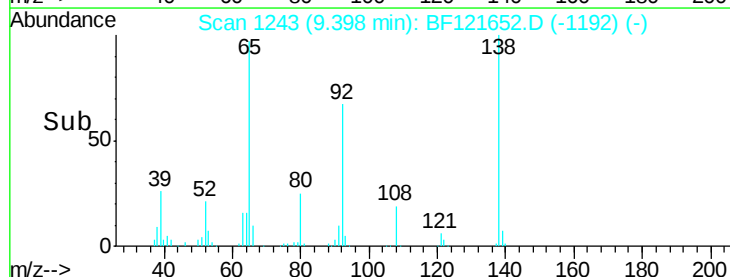
138 102.1 84.7 127.1

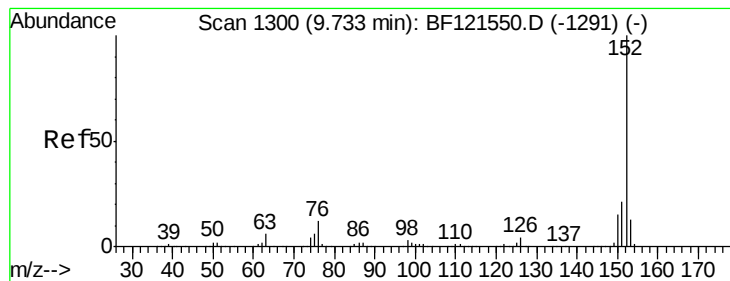


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.740 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

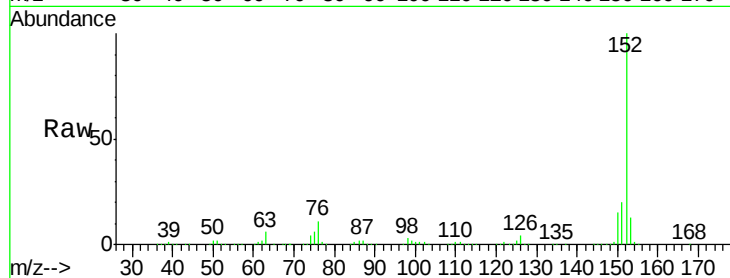
Tot Ion:152 Resp: 1239841

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

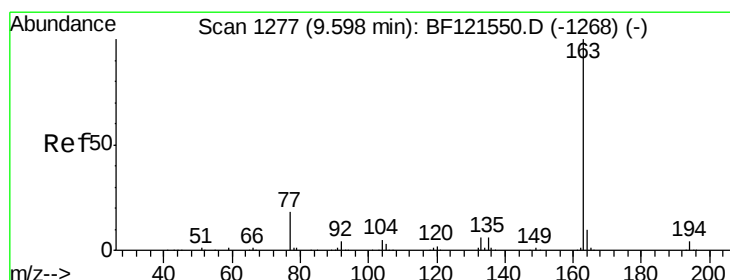
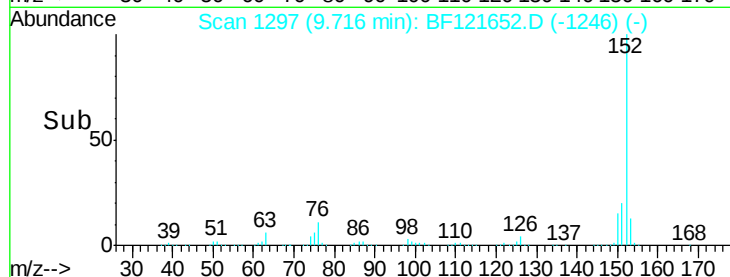
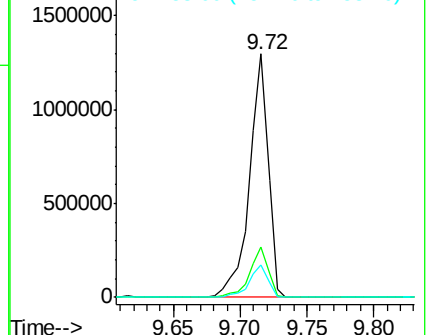
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.392 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

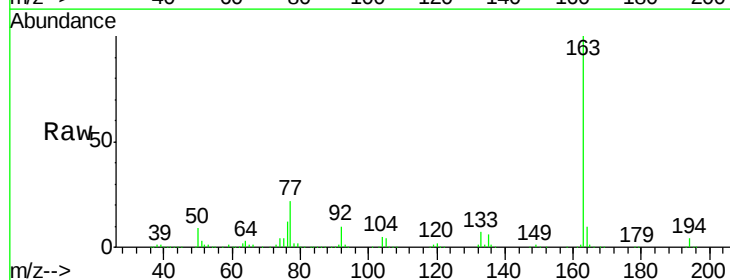
Tgt Ion:163 Resp: 1110182

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

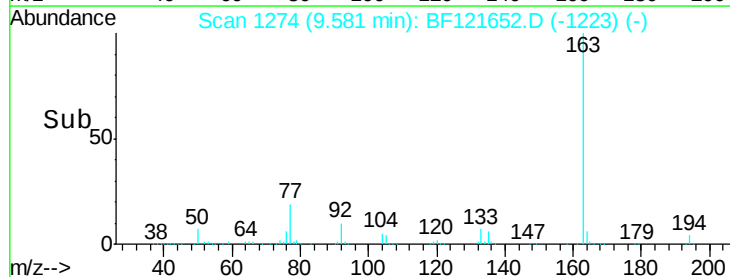
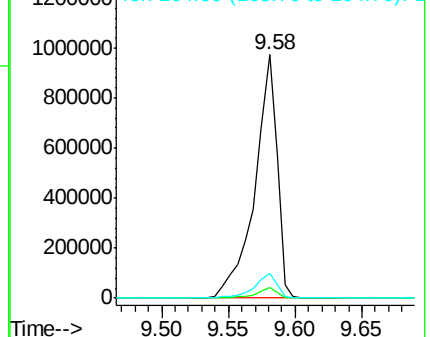
164 10.3 8.0 12.0

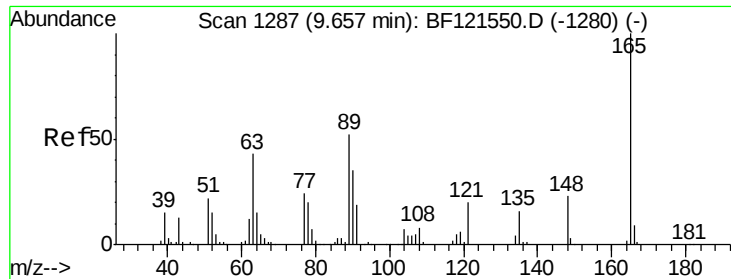


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

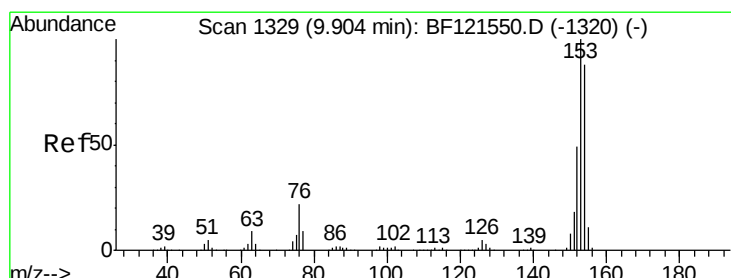
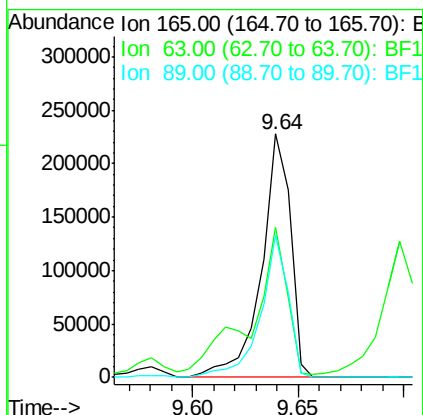
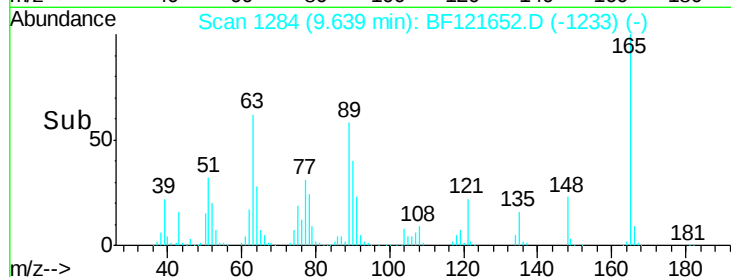
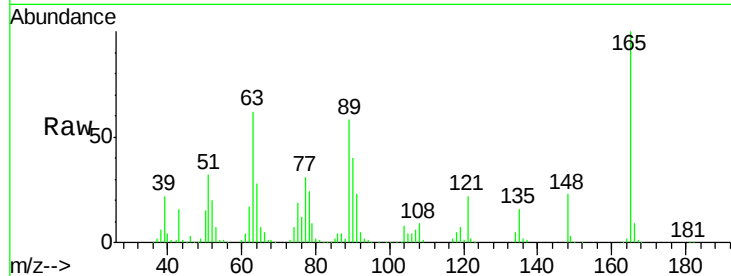




#51
 2,6-Dinitrotoluene
 Concen: 42.708 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

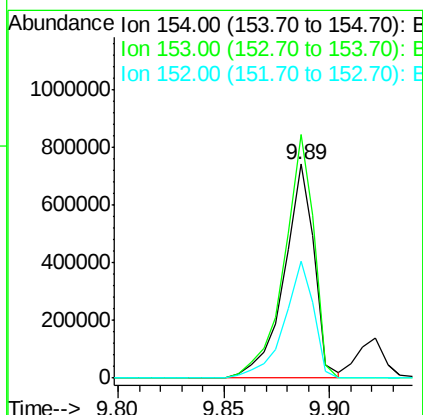
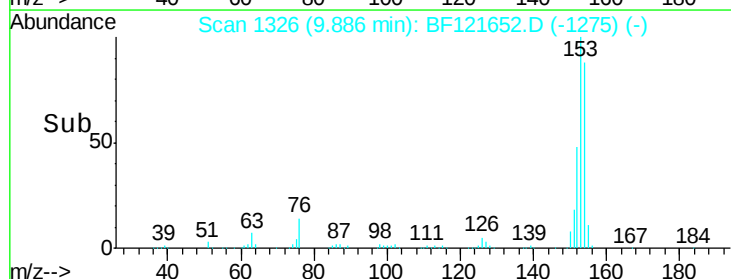
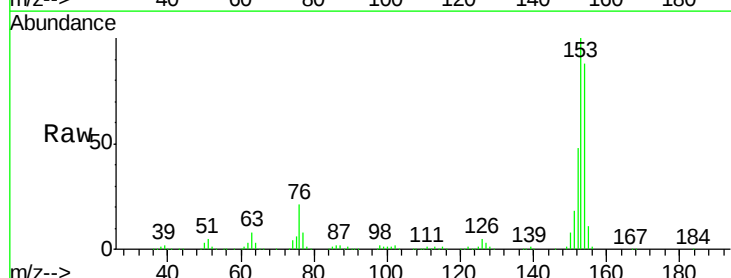
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

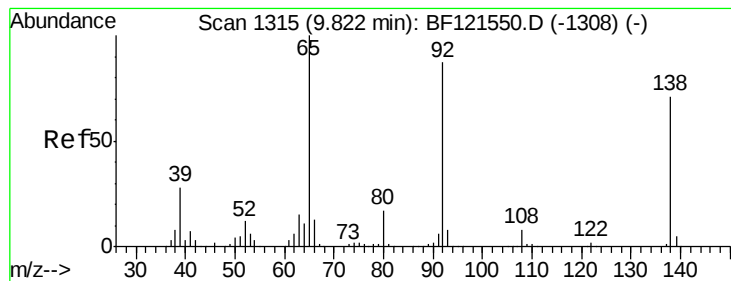
Tot Ion:165	Resp:	217655
Ion Ratio	Lower	Upper
165	100	
63	61.7	47.6 71.4
89	58.5	46.0 69.0



#52
 Acenaphthene
 Concen: 36.530 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:154	Resp:	738410
Ion Ratio	Lower	Upper
154	100	
153	113.8	89.9 134.9
152	54.8	43.8 65.6





#53

3-Nitroaniline

Concen: 21.008 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

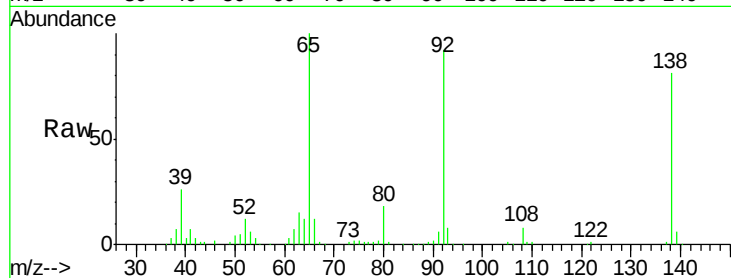
Tot Ion:138 Resp: 124028

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

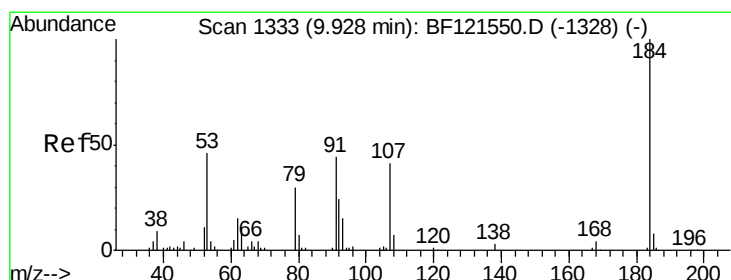
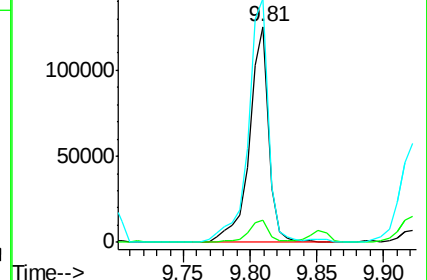
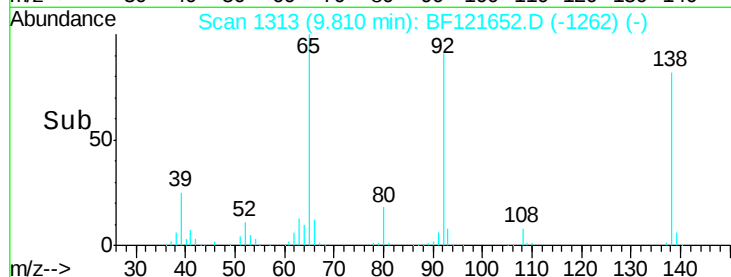
92 112.8 96.5 144.7



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: 77.603 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

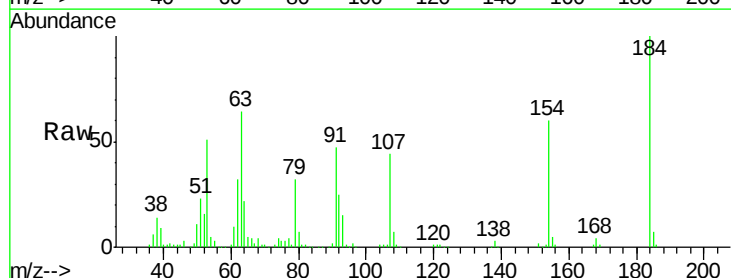
Tgt Ion:184 Resp: 227210

Ion Ratio Lower Upper

184 100

63 64.0 51.5 77.3

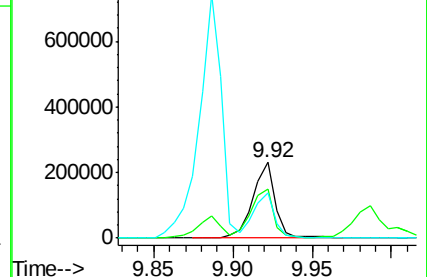
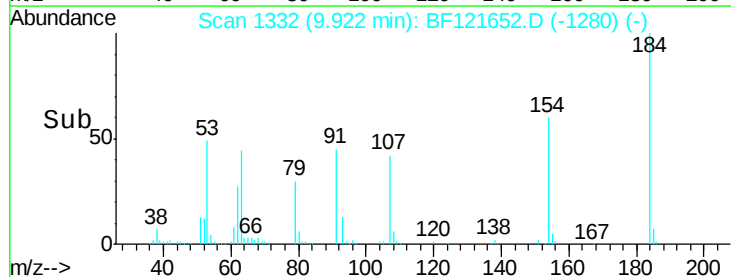
154 60.5 46.6 70.0



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

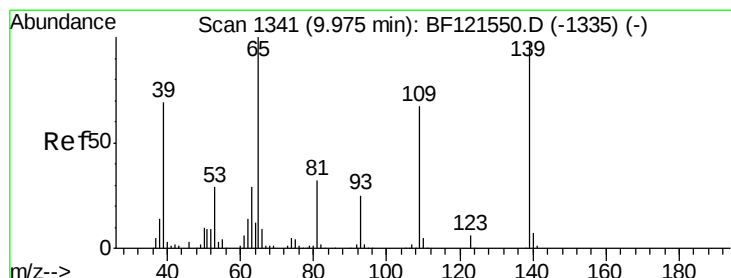
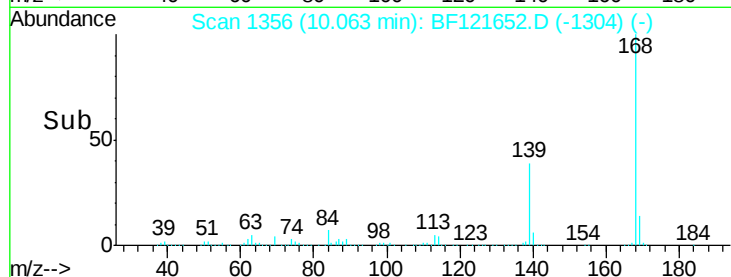
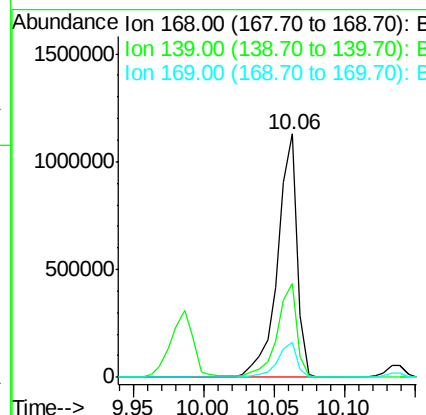
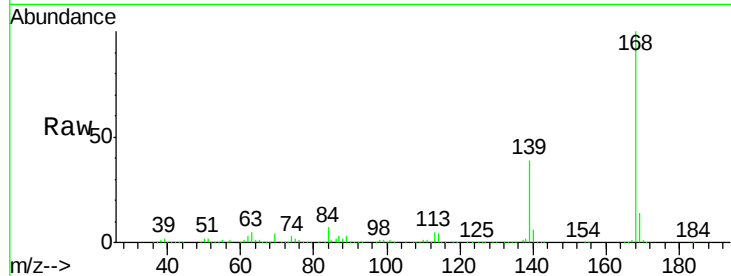




#55
Dibenzofuran
Concen: 38.345 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

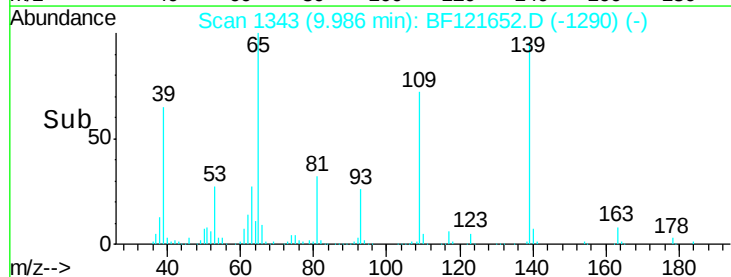
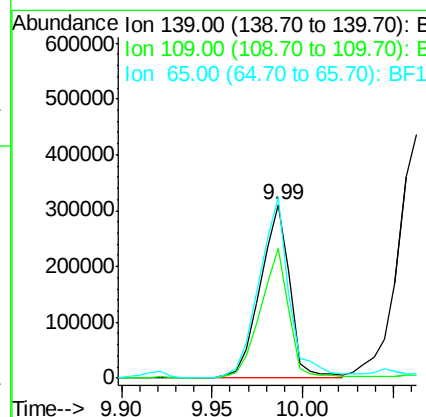
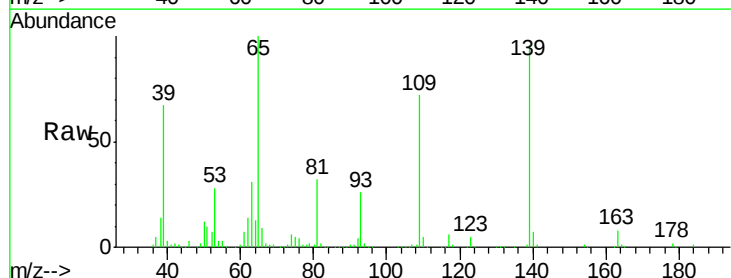
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

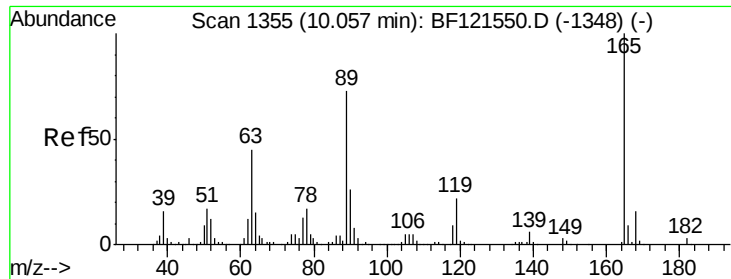
Tot Ion:168 Resp: 1091541
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.8
169 14.2 11.6 17.4



#56
4-Nitrophenol
Concen: 75.173 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:139 Resp: 353938
Ion Ratio Lower Upper
139 100
109 74.5 48.1 88.1
65 104.1 74.7 114.7

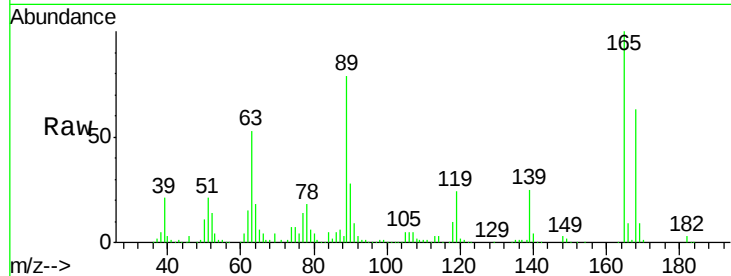




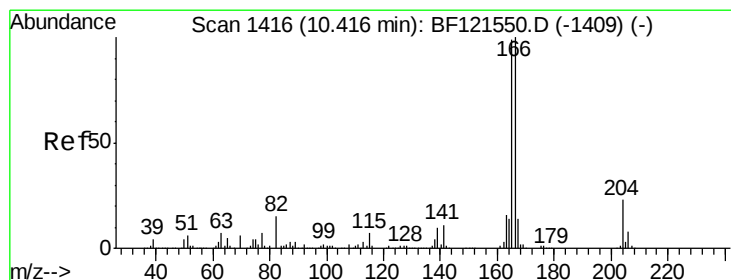
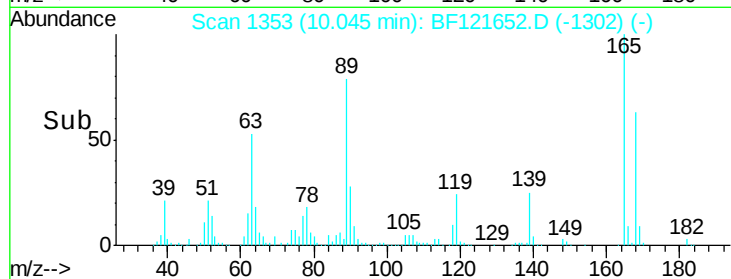
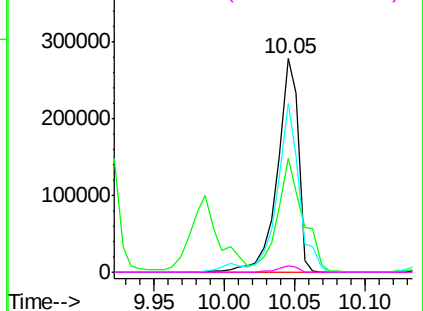
#57
2,4-Dinitrotoluene
Concen: 44.831 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion:165 Resp: 287437
Ion Ratio Lower Upper
165 100
63 53.2 36.7 55.1
89 79.0 57.7 86.5
182 2.8 2.1 3.1

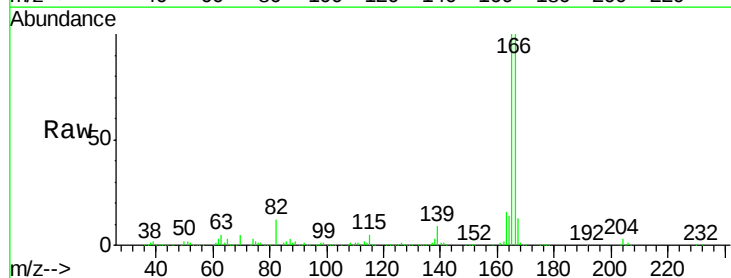


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

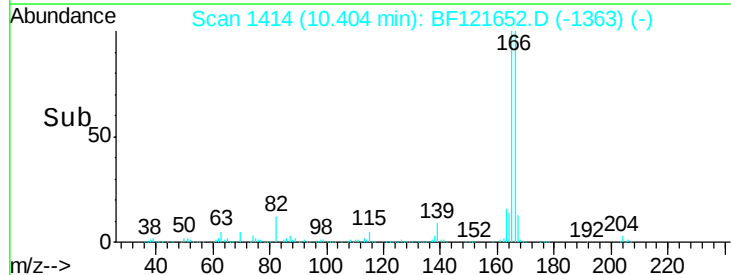
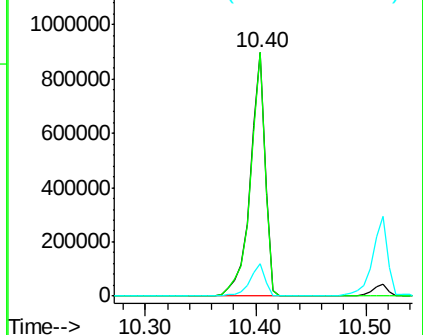


#58
Fluorene
Concen: 39.219 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:166 Resp: 853777
Ion Ratio Lower Upper
166 100
165 100.0 80.1 120.1
167 13.4 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

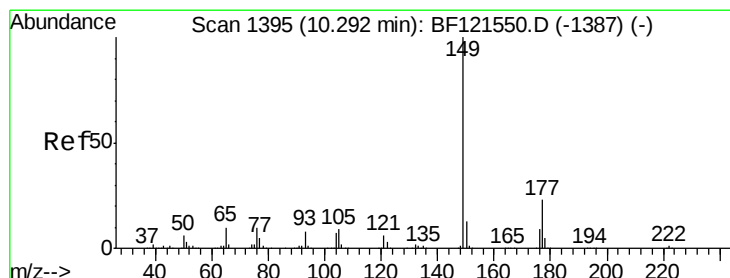
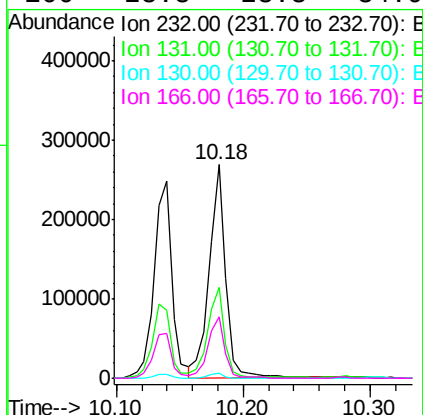
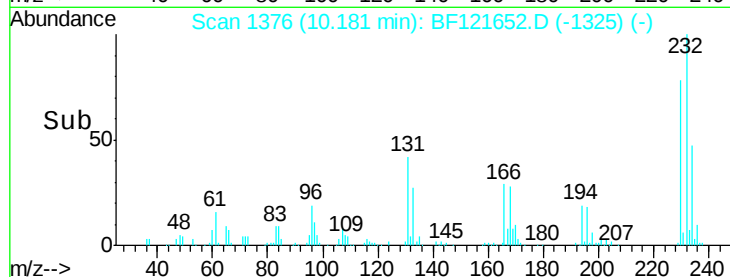
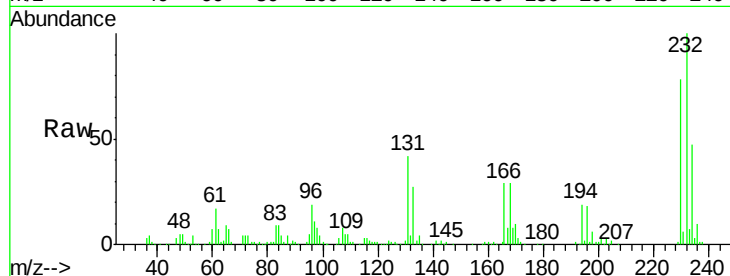




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.828 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

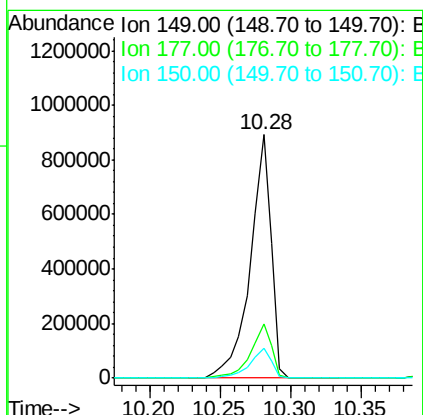
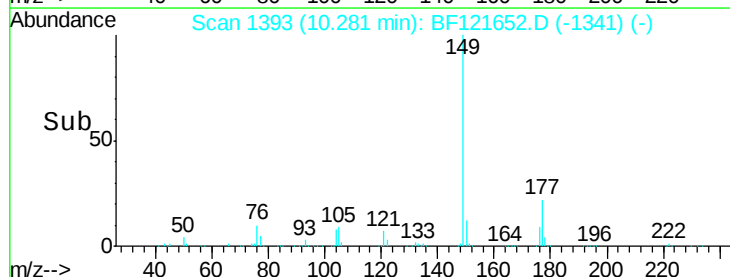
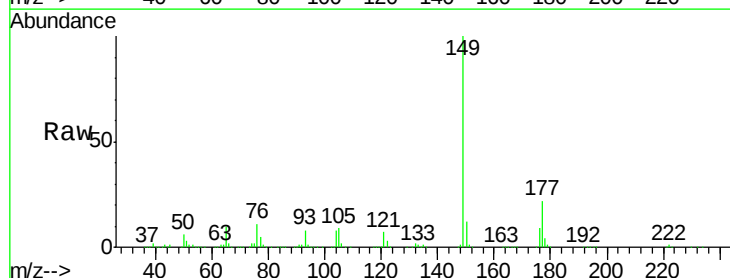
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

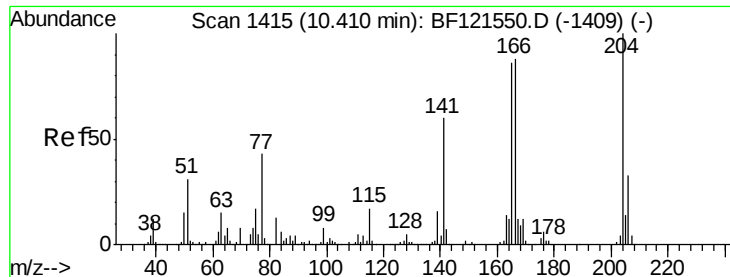
Tot Ion:	232	Resp:	246671
Ion	Ratio	Lower	Upper
232	100		
131	42.8	35.1	52.7
130	2.4	1.6	2.4
166	28.8	23.3	34.9



#60
 Diethylphthalate
 Concen: 39.738 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:	149	Resp:	927144
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.5	9.8	14.8





#61

4-Chlorophenyl-phenylether

Concen: 39.269 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

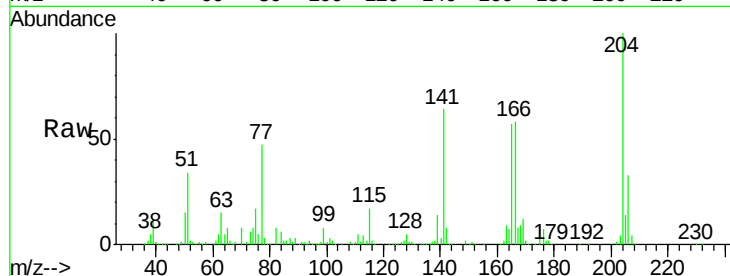
Tot Ion:204 Resp: 409501

Ion Ratio Lower Upper

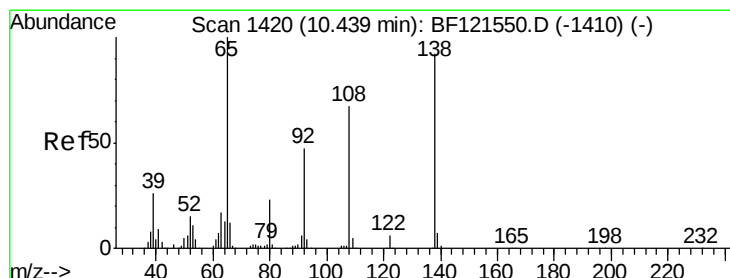
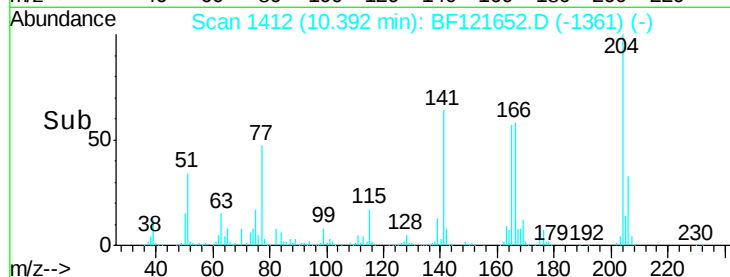
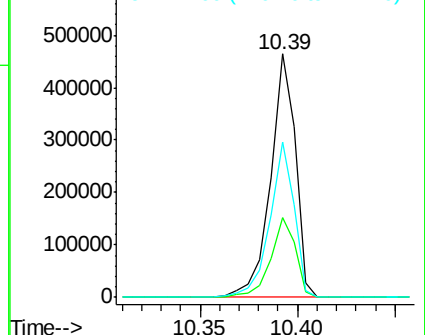
204 100

206 32.6 26.7 40.1

141 63.8 50.4 75.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 35.999 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

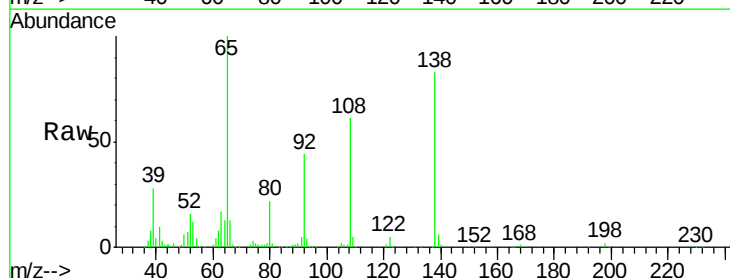
Tgt Ion:138 Resp: 211024

Ion Ratio Lower Upper

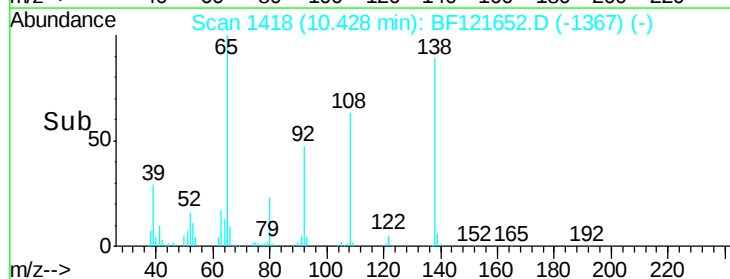
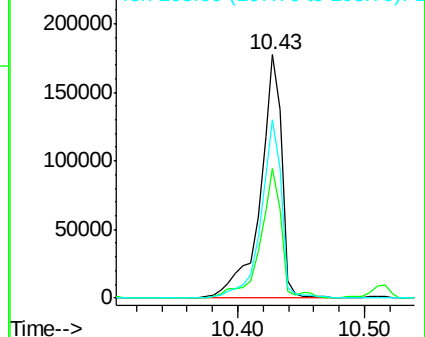
138 100

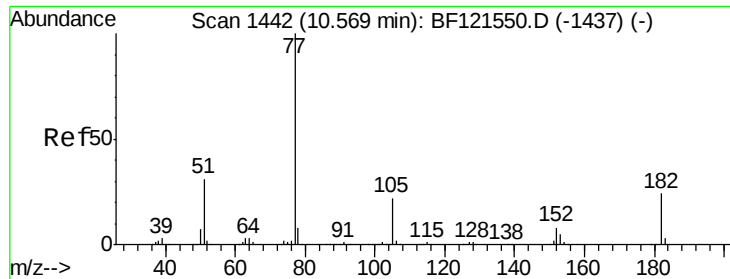
92 53.4 34.8 74.8

108 73.0 55.5 95.5



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





#63

Azobenzene

Concen: 37.794 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion: 77 Resp: 939035

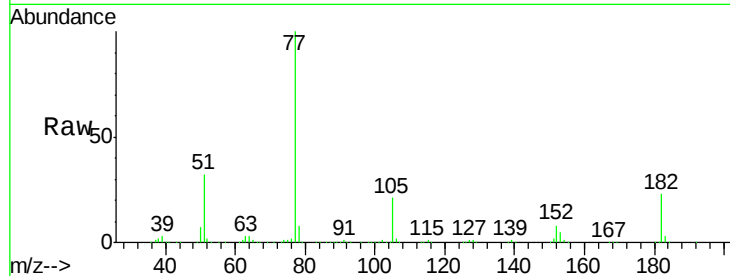
Ion Ratio Lower Upper

77 100

182 23.4 6.8 46.8

105 20.7 2.2 42.2

51 31.6 10.7 50.7

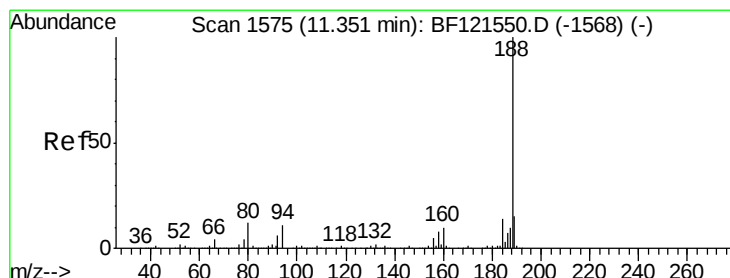
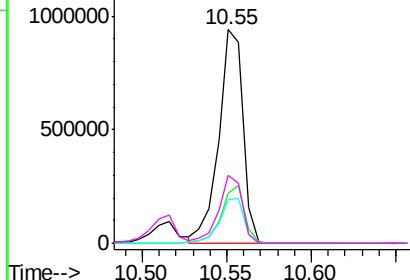
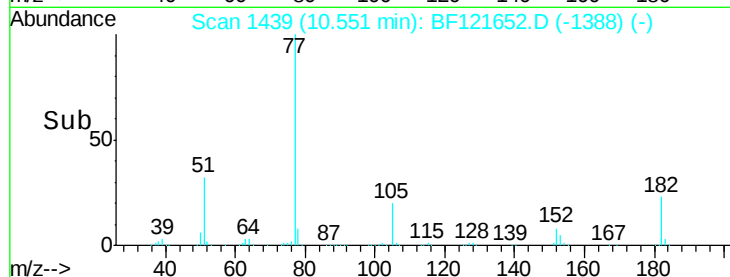


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF121652.D

Acq: 22 Sep 2020 21:23

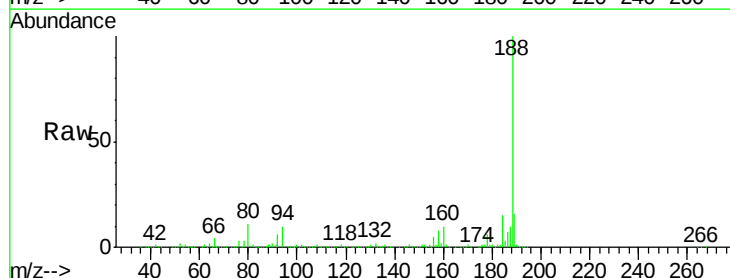
Tgt Ion: 188 Resp: 615516

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

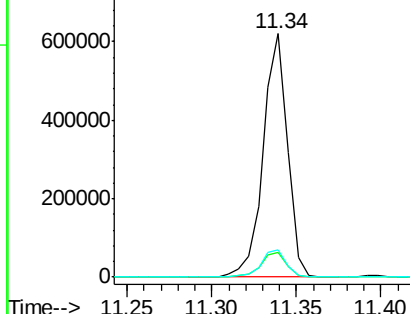
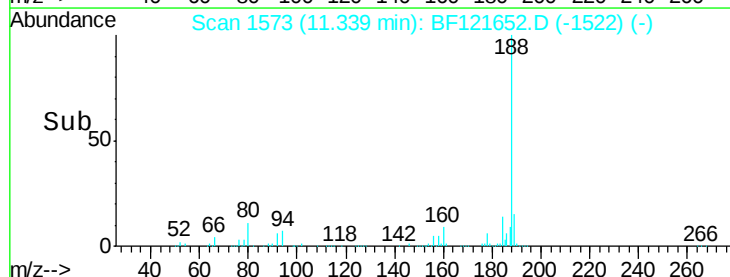
80 11.3 9.0 13.4

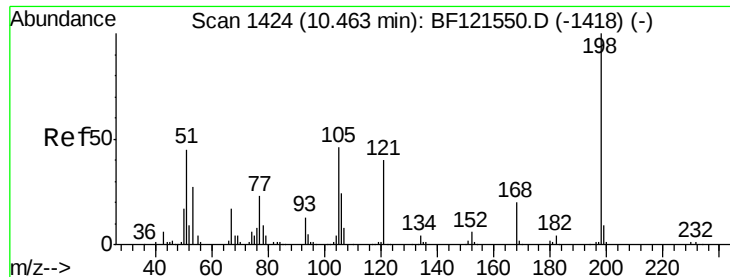


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

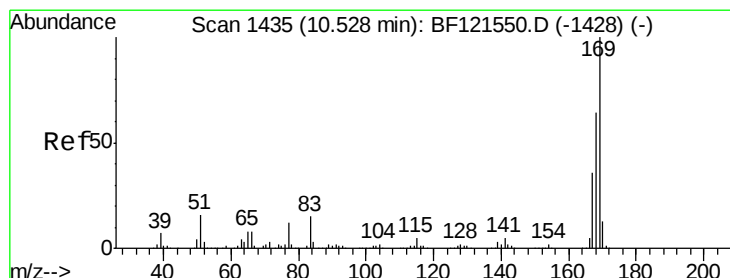
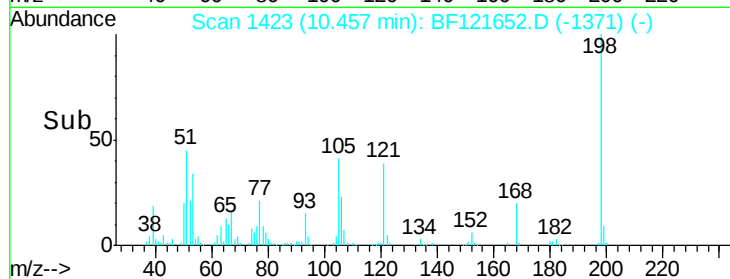
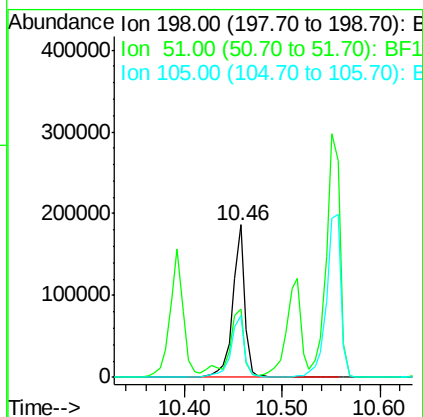
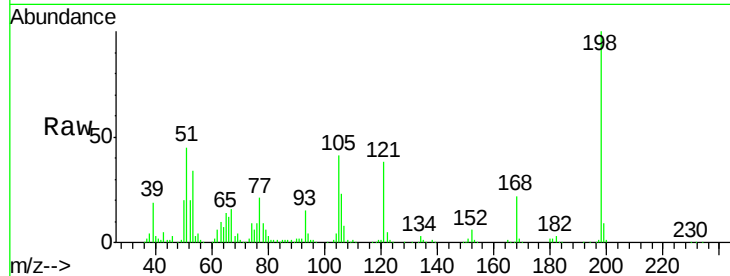




#65
4,6-Dinitro-2-methylphenol
Concen: 43.200 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

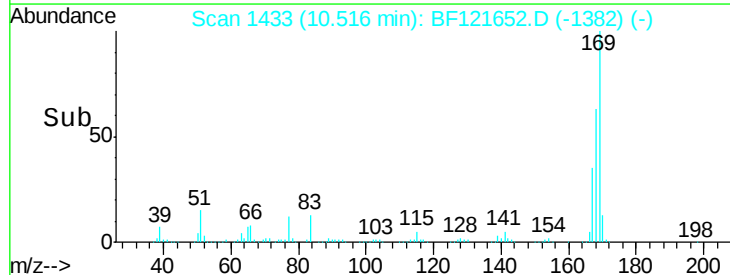
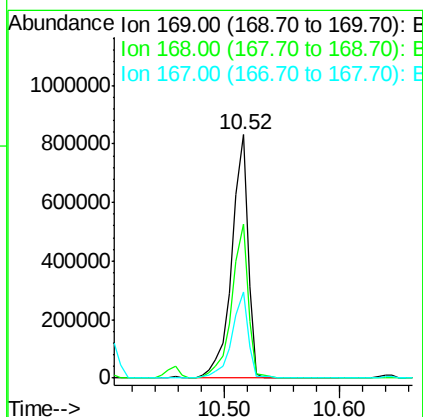
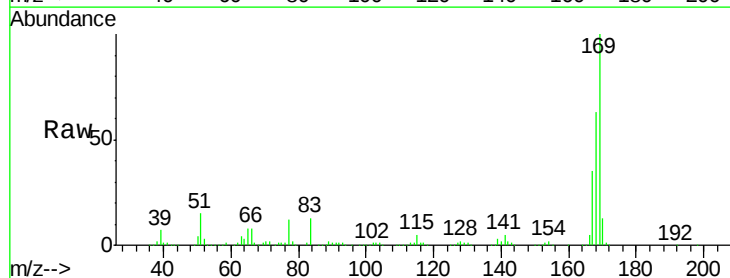
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion:198 Resp: 160147
Ion Ratio Lower Upper
198 100
51 45.0 20.3 60.3
105 40.8 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 38.535 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:169 Resp: 813748
Ion Ratio Lower Upper
169 100
168 63.3 51.8 77.8
167 35.4 28.4 42.6

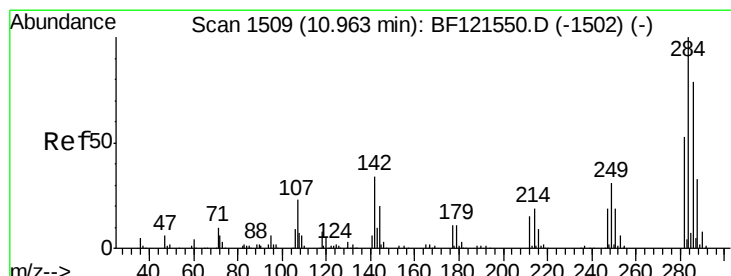
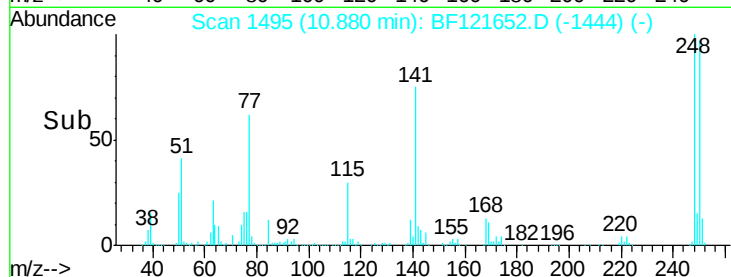
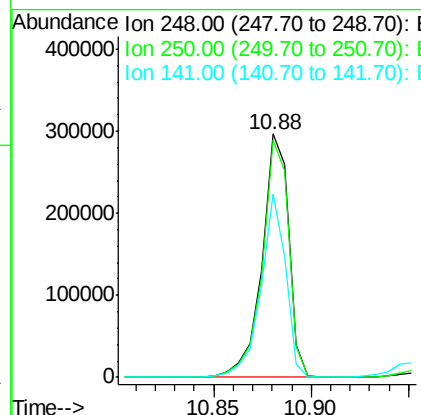
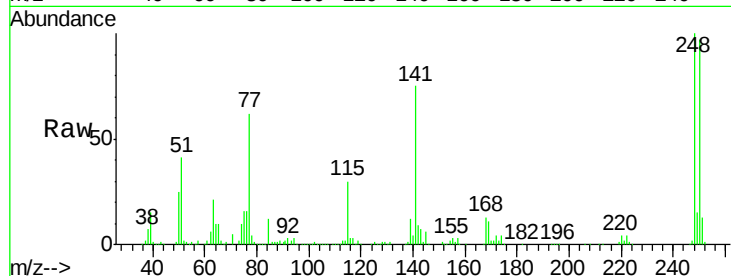




#67
 4-Bromophenyl-phenylether
 Concen: 40.105 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

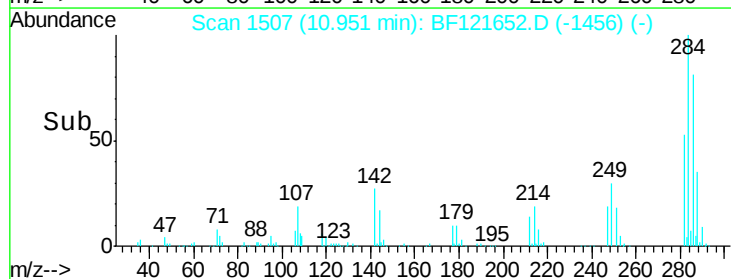
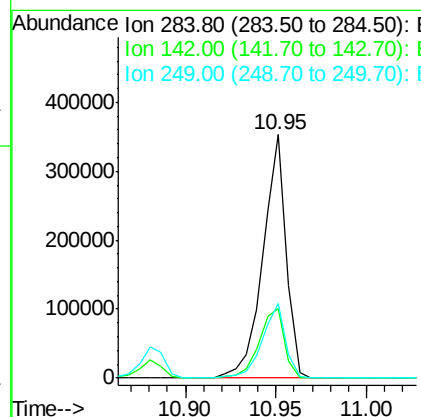
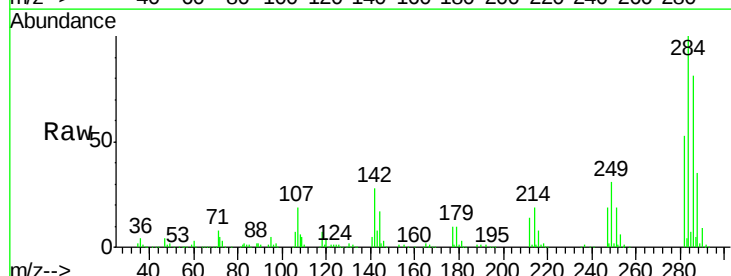
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion:248	Resp:	281056
Ion Ratio	Lower	Upper
248	100	
250	97.2	79.4 119.0
141	75.4	52.2 78.4



#68
 Hexachlorobenzene
 Concen: 39.872 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:284	Resp:	315335
Ion Ratio	Lower	Upper
284	100	
142	28.3	24.0 36.0
249	30.6	23.9 35.9

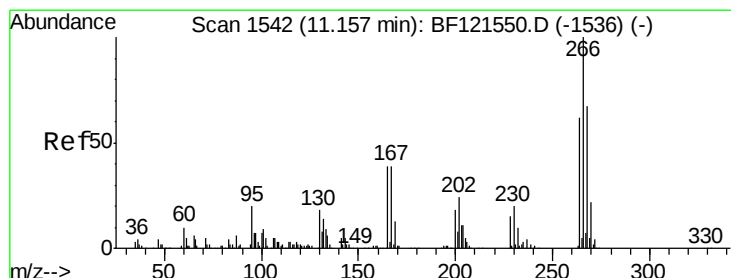
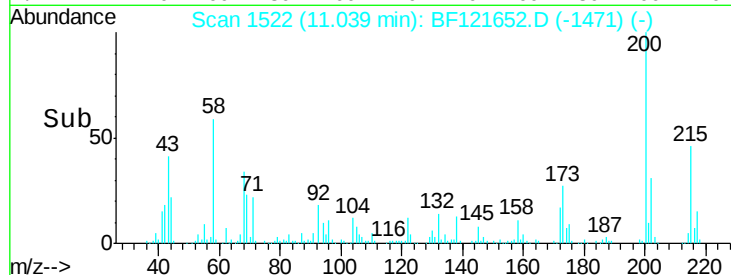
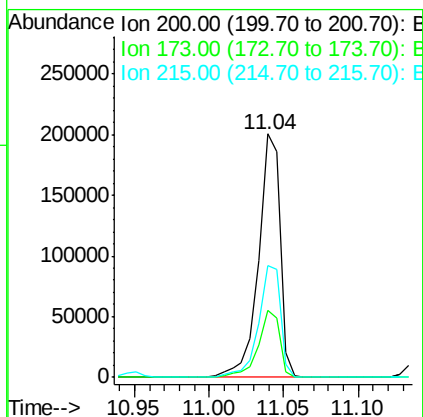
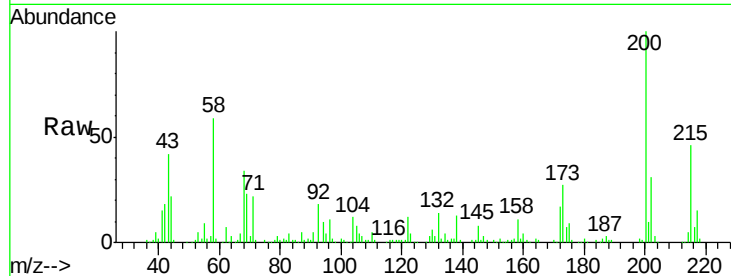




#69
 Atrazine
 Concen: 37.960 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

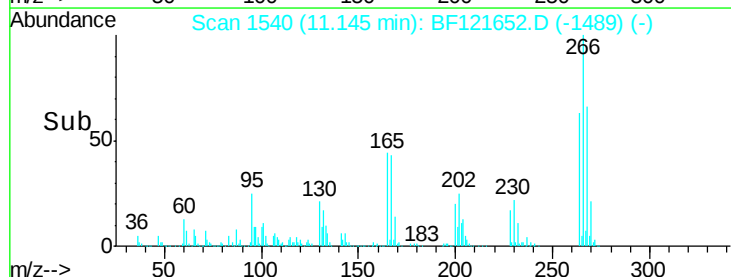
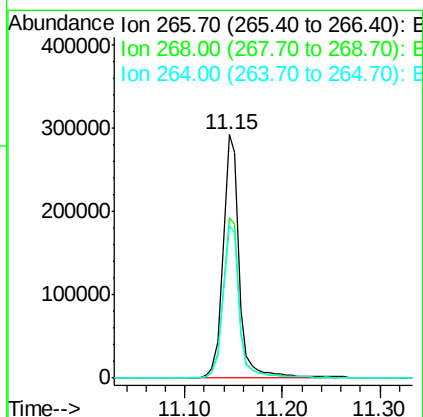
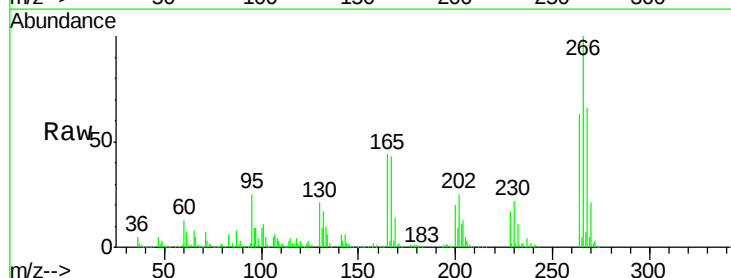
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

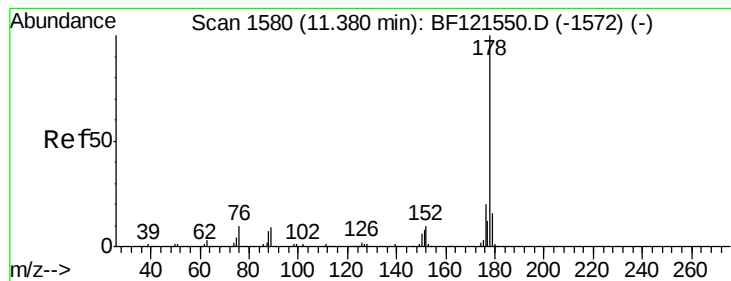
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.0	46.0
215	45.8	28.4	68.4



#70
 Pentachlorophenol
 Concen: 77.246 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	54.6	81.8
264	62.9	51.1	76.7





#71

Phenanthrene

Concen: 39.641 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

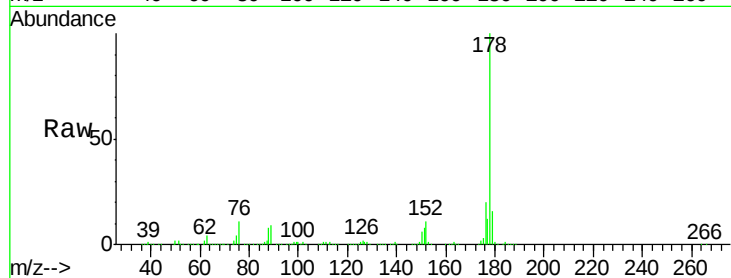
Tot Ion:178 Resp: 1329381

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

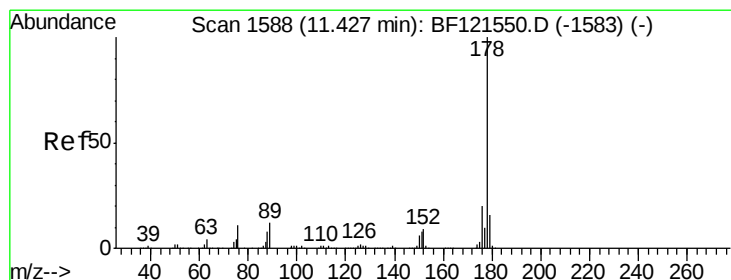
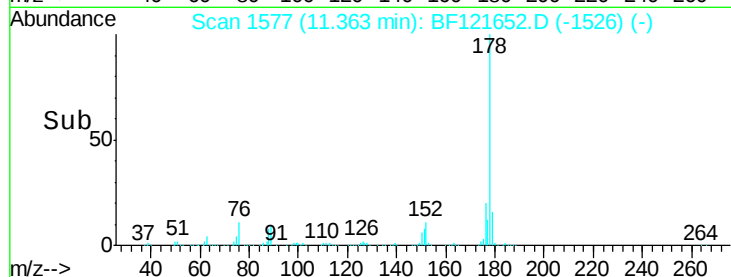
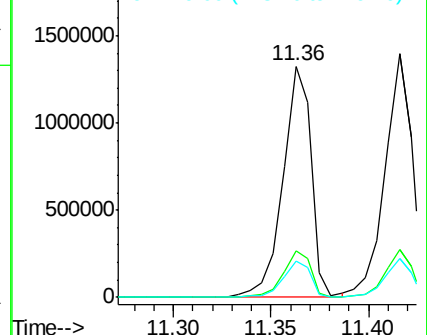
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.507 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

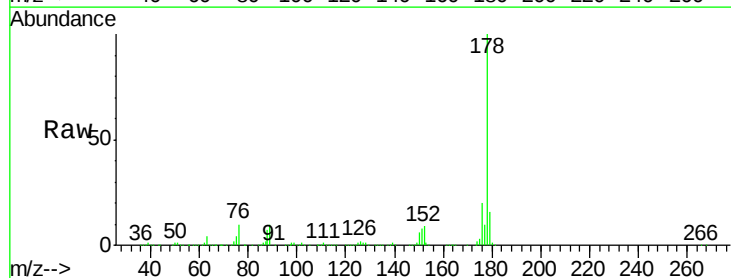
Tgt Ion:178 Resp: 1332642

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

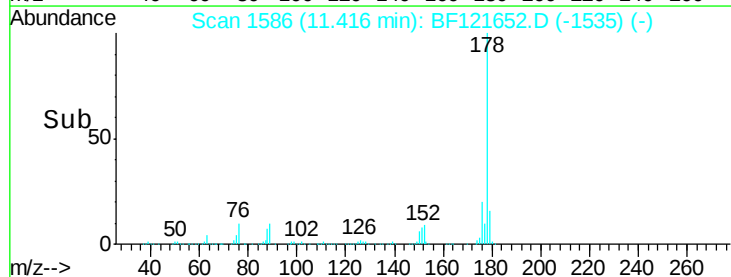
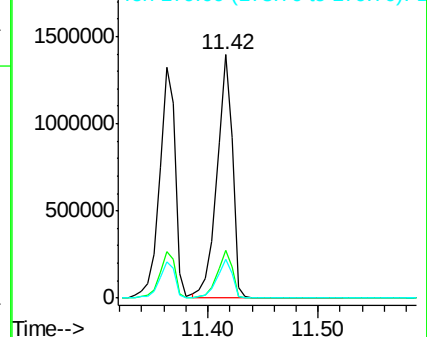
179 15.9 12.6 19.0

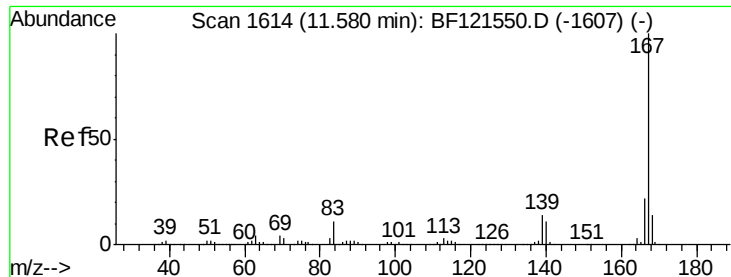


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

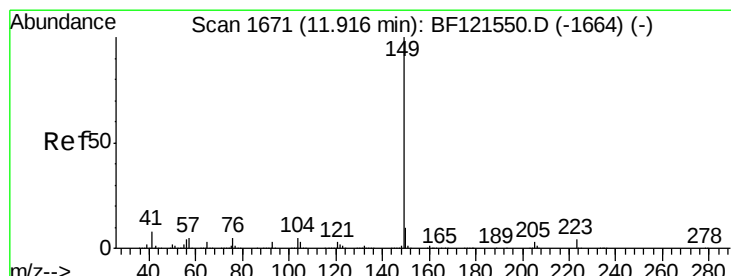
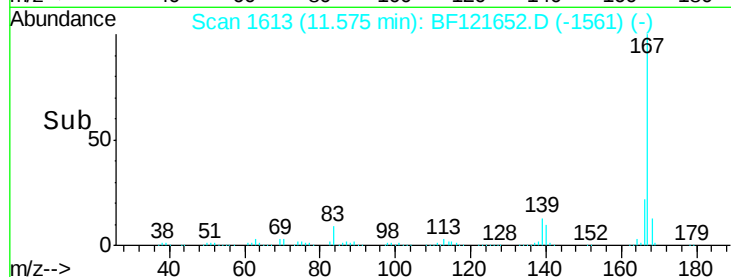
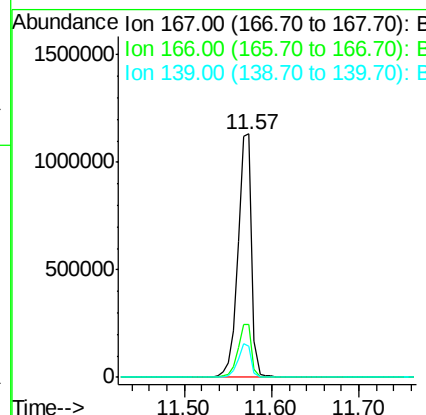
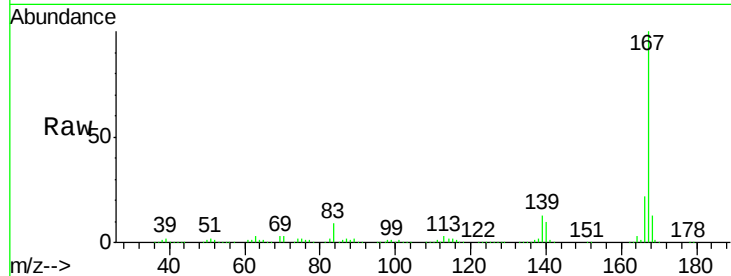




#73
 Carbazole
 Concen: 38.740 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

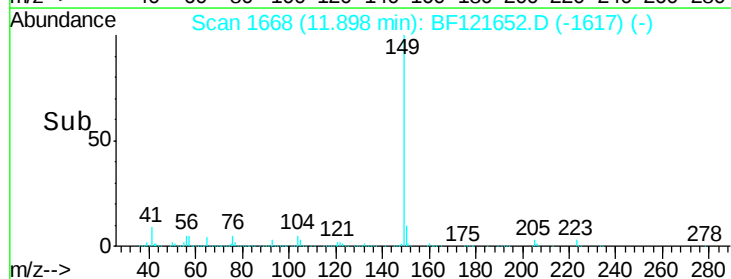
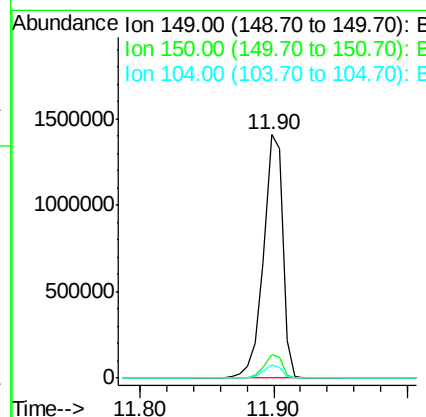
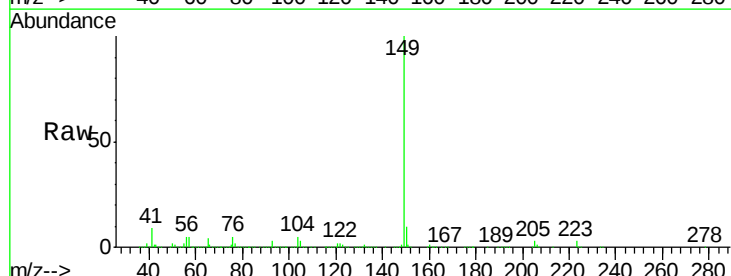
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

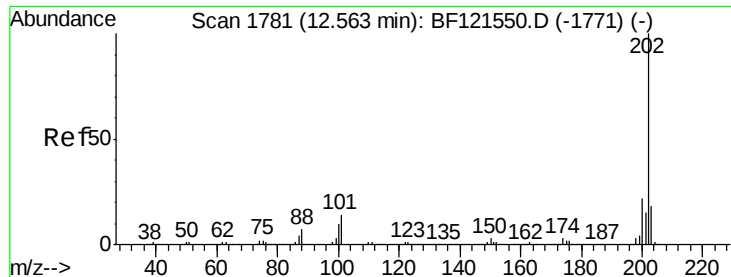
Tot Ion:167 Resp: 1209864
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 12.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.510 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:149 Resp: 1388067
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 40.306 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

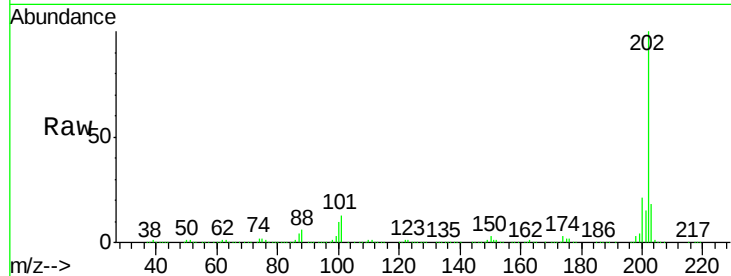
Tot Ion:202 Resp: 1442915

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.9

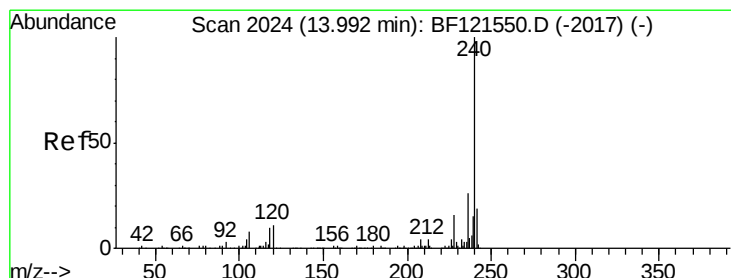
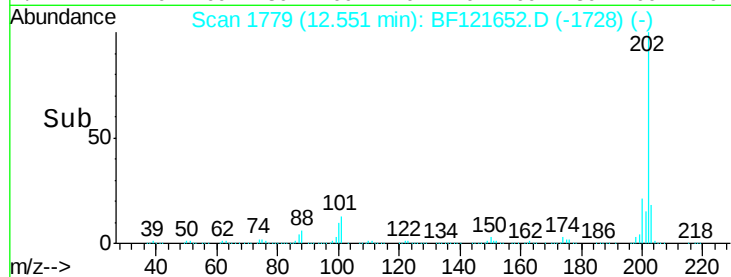
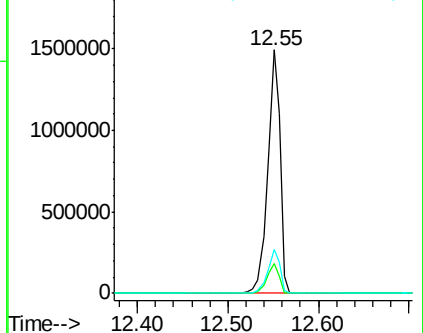
203 17.8 0.0 37.8



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: BF121652.D

Acq: 22 Sep 2020 21:23

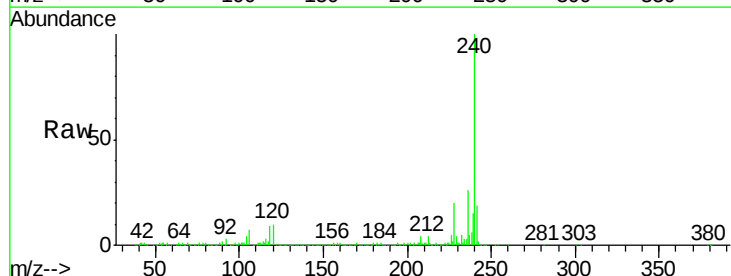
Tgt Ion:240 Resp: 446511

Ion Ratio Lower Upper

240 100

120 10.3 9.2 13.8

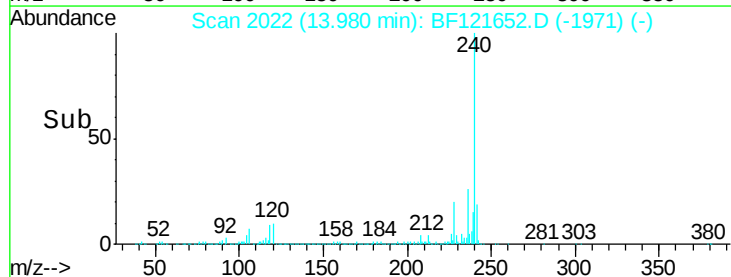
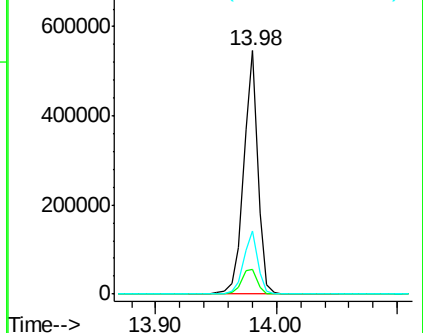
236 25.7 20.4 30.6

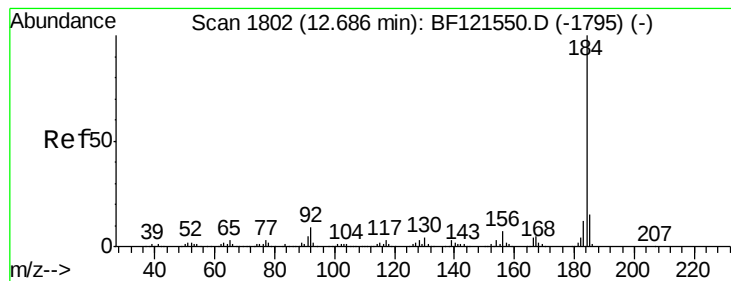


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.896 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

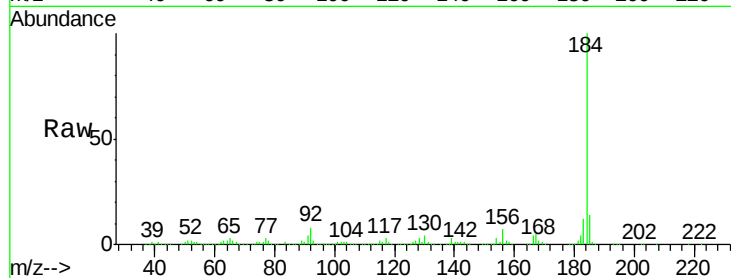
Tot Ion:184 Resp: 605372

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

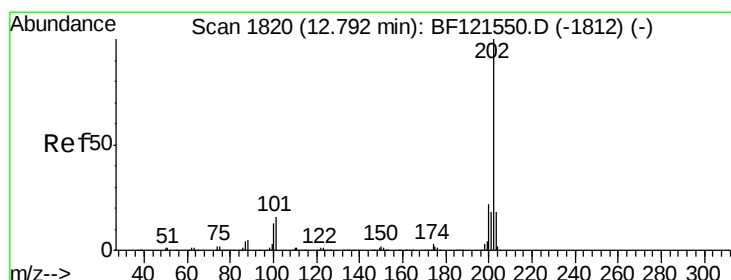
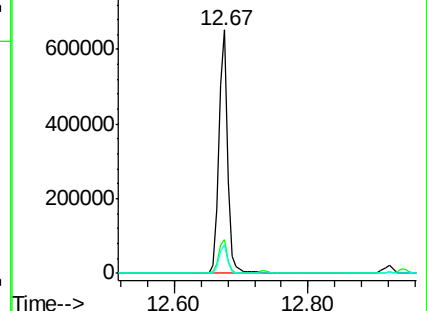
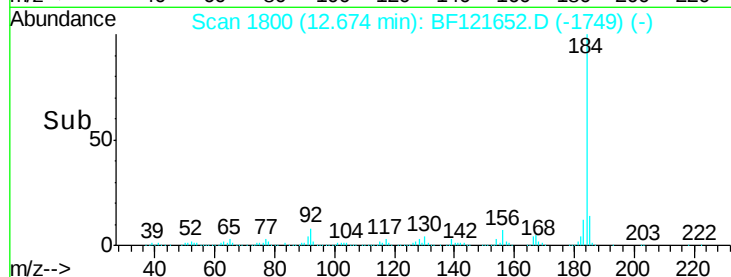
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.554 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

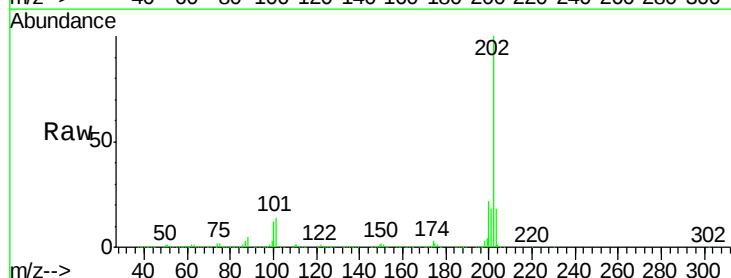
Tgt Ion:202 Resp: 1453506

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

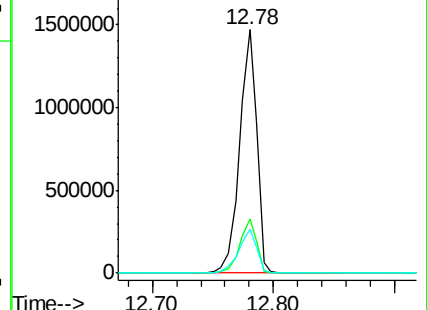
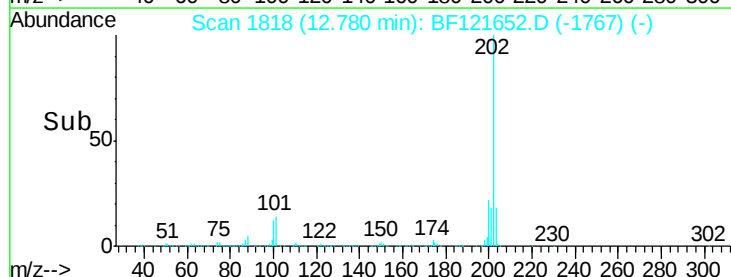
203 18.1 14.4 21.6

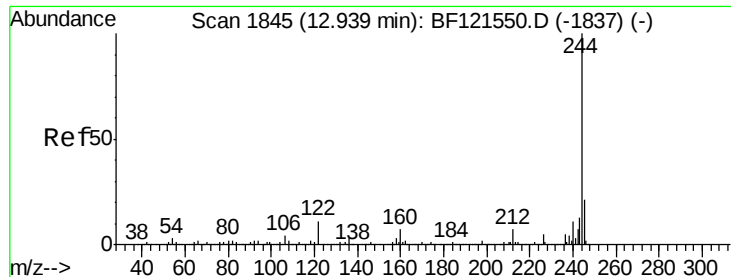


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.635 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

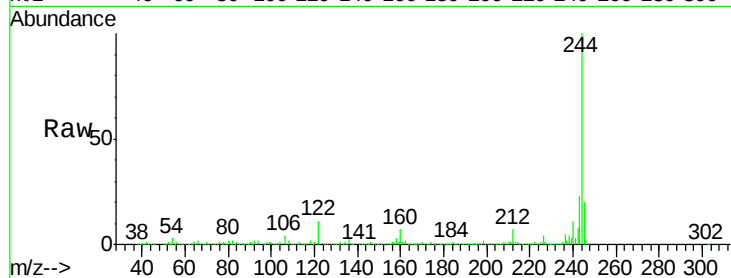
Tot Ion:244 Resp: 1446603

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

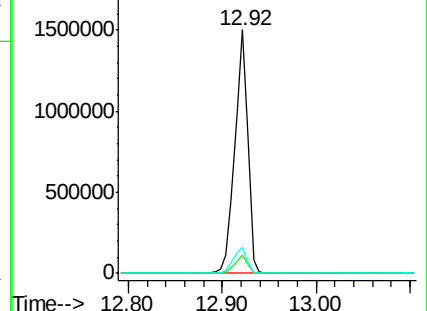
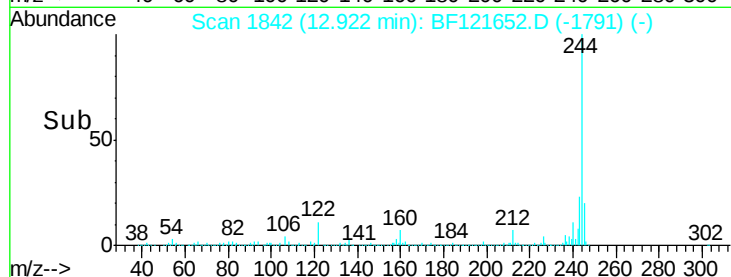
122 10.7 7.4 11.0



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: 42.835 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

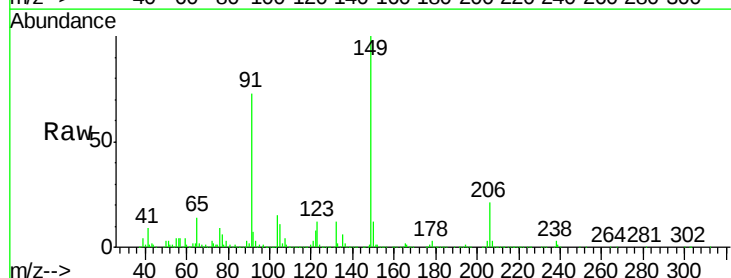
Tgt Ion:149 Resp: 565166

Ion Ratio Lower Upper

149 100

91 72.9 61.0 91.4

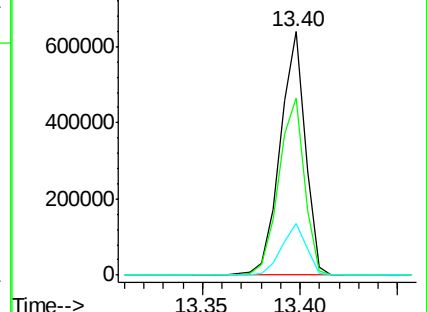
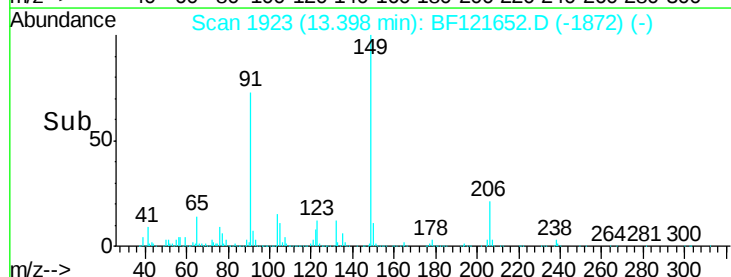
206 21.1 16.6 25.0

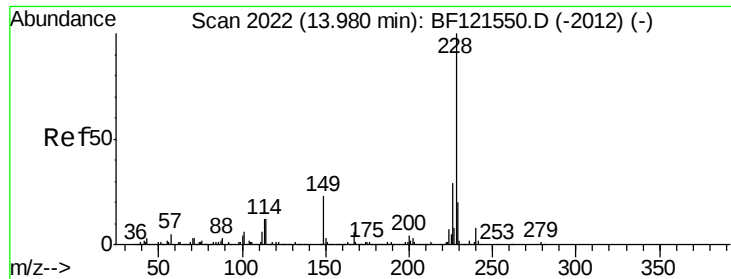


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

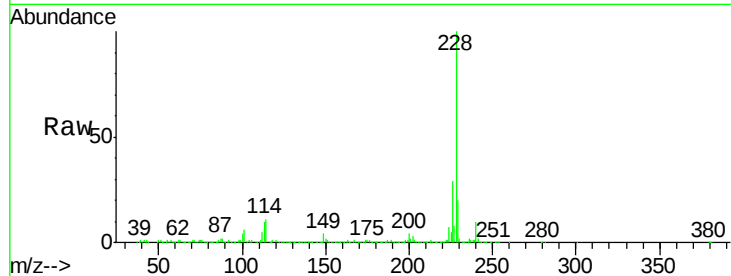




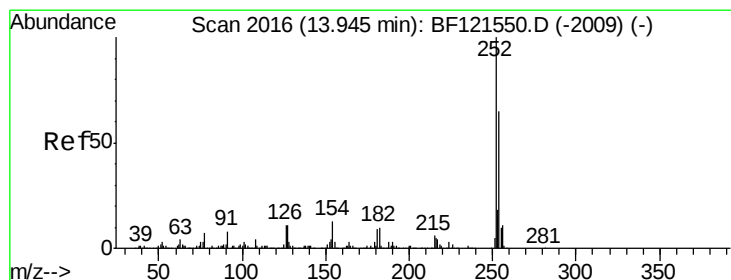
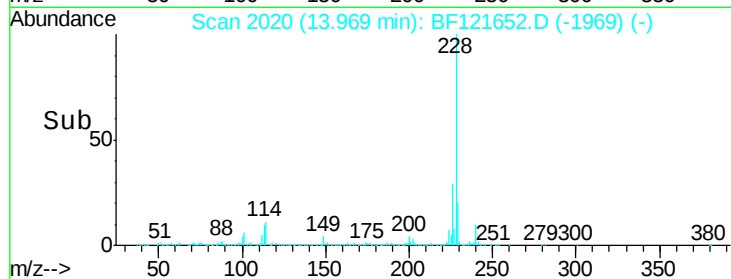
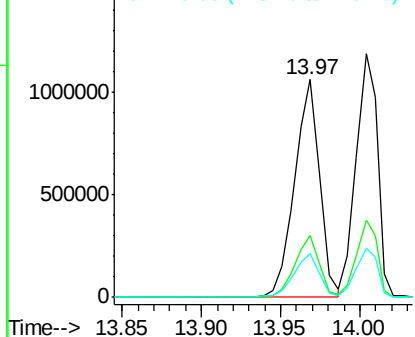
#81
Benzo(a)anthracene
Concen: 41.083 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion:228 Resp: 1160541
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.4 16.2 24.2

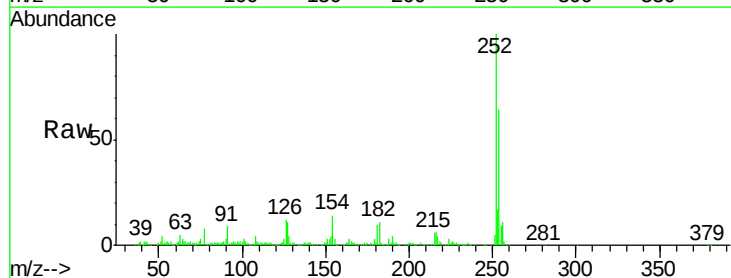


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

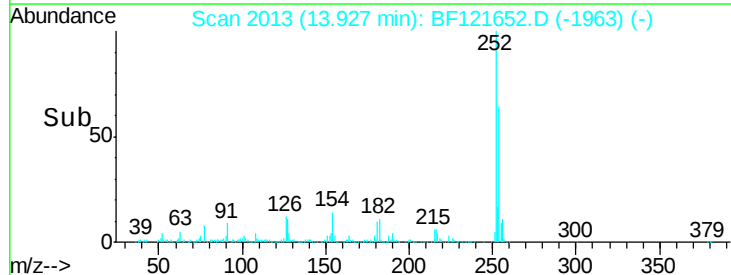
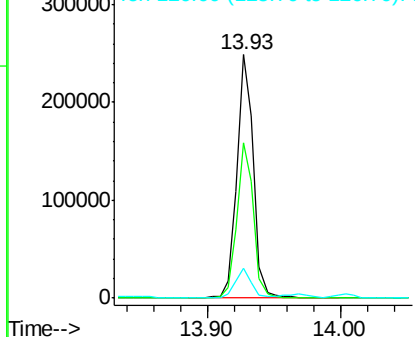


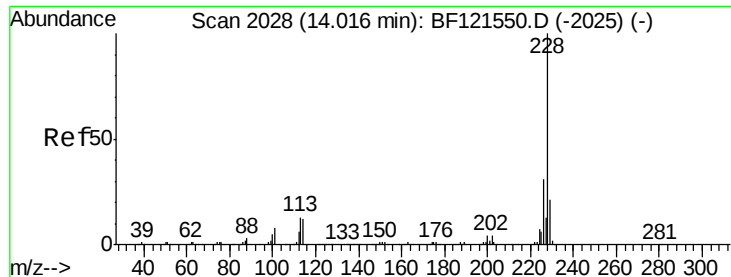
#82
3,3'-Dichlorobenzidine
Concen: 19.644 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:252 Resp: 216639
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 12.1 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

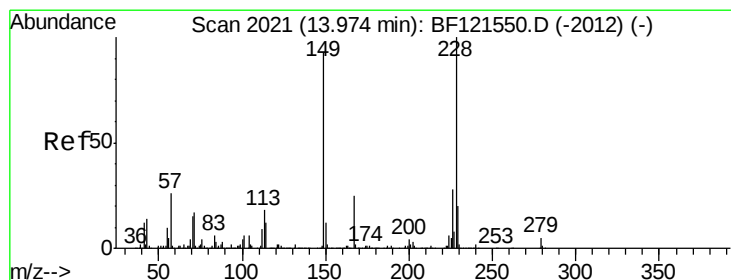
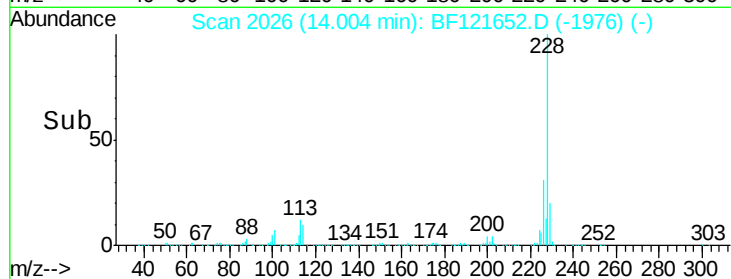
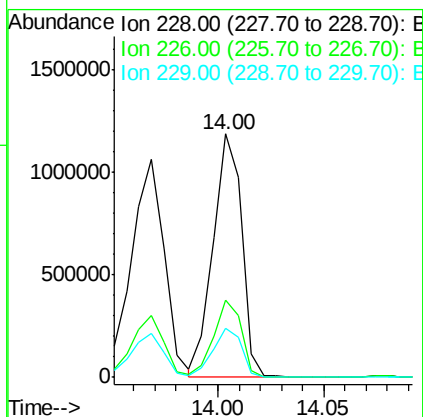
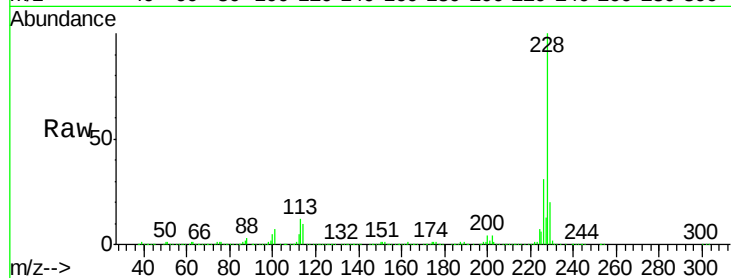




#83
 Chrysene
 Concen: 39.216 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

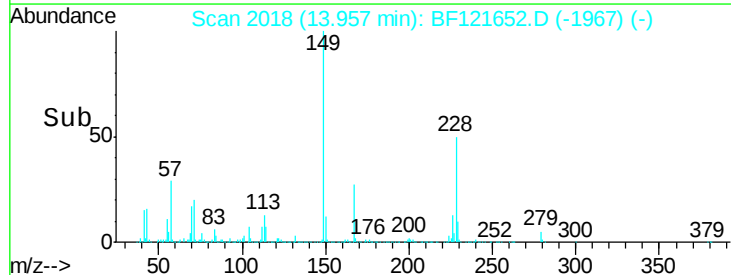
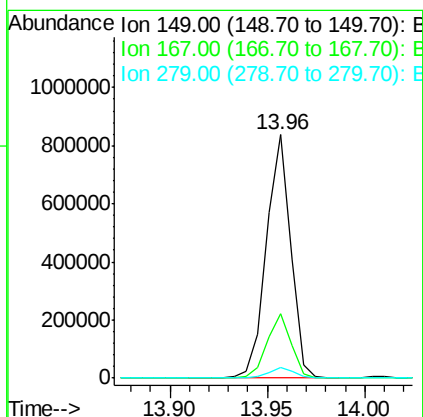
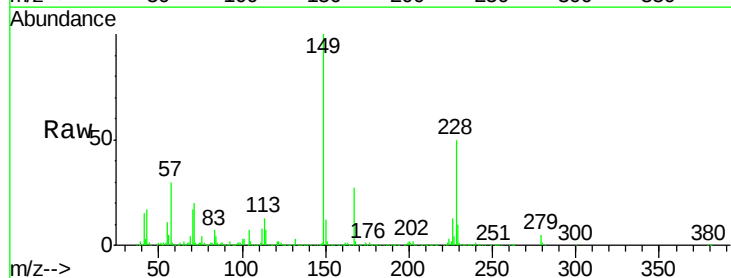
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

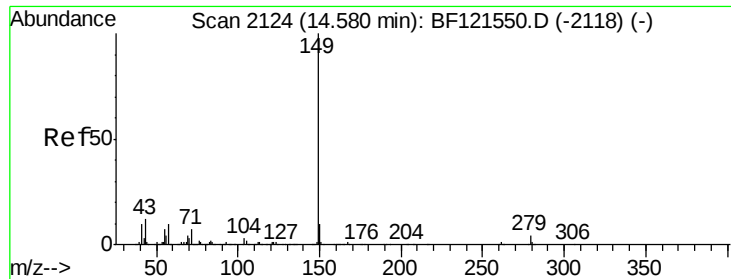
Tot Ion:228 Resp: 1121781
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.4
 229 20.4 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.077 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:149 Resp: 724034
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 4.6 3.4 5.0

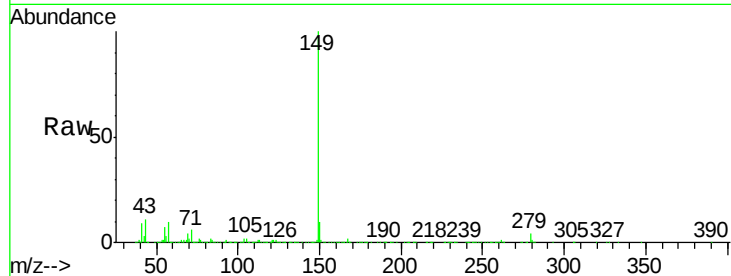




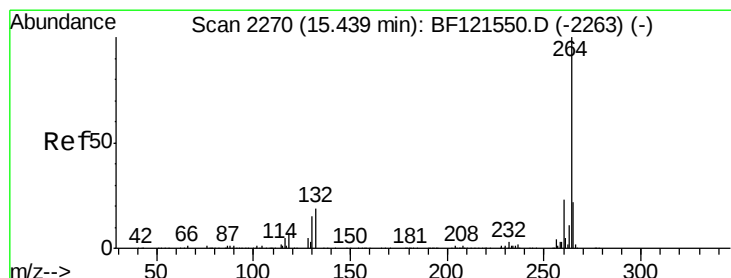
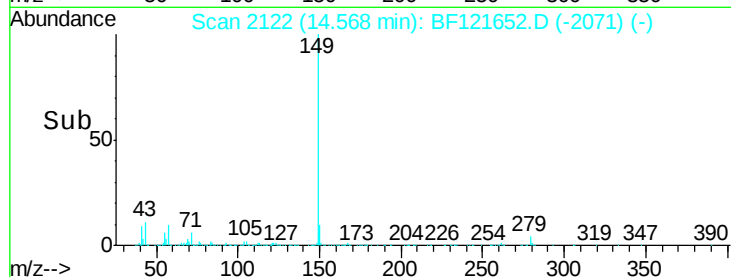
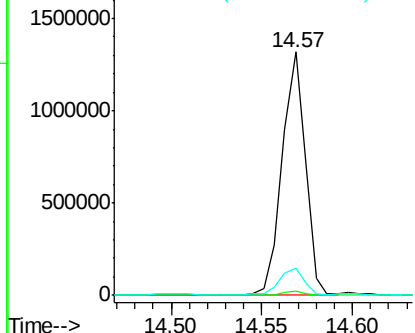
#85
Di-n-octyl phthalate
Concen: 37.775 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion:149 Resp: 1175044
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.0 13.4

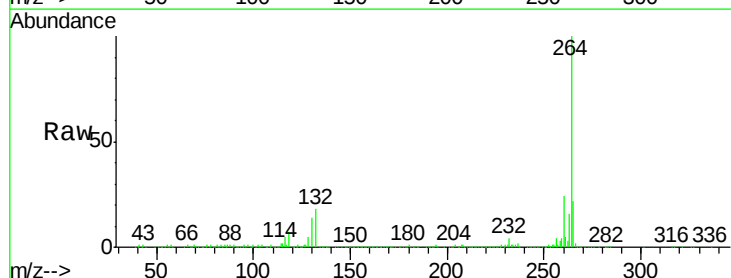


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

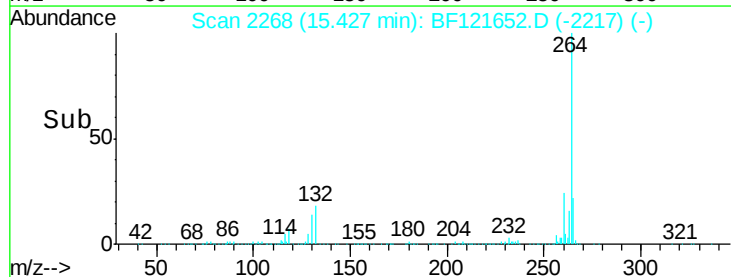
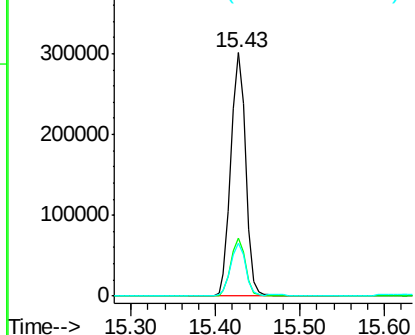


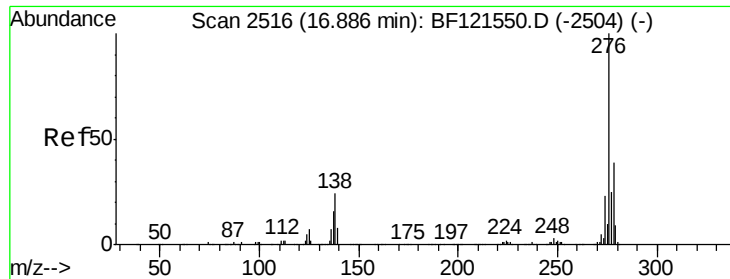
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:264 Resp: 364003
Ion Ratio Lower Upper
264 100
260 23.6 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

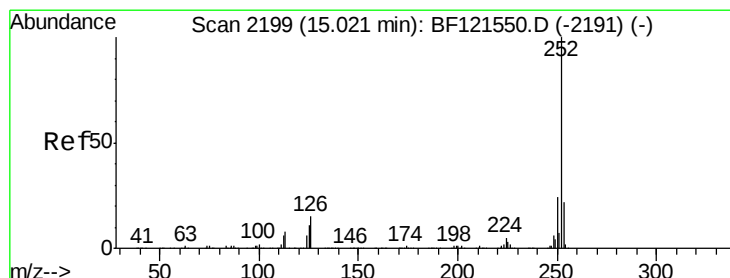
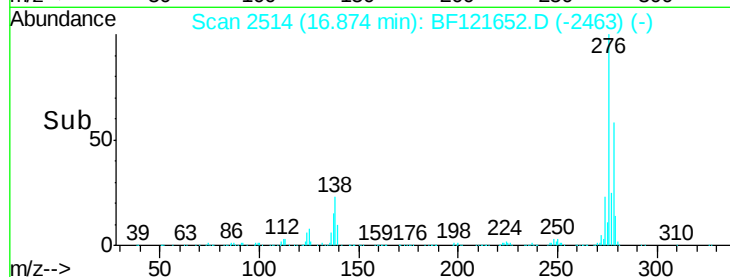
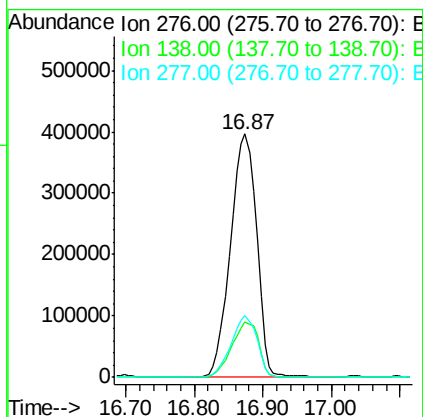
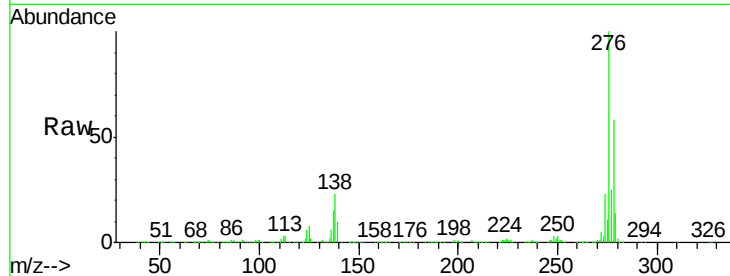




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.199 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

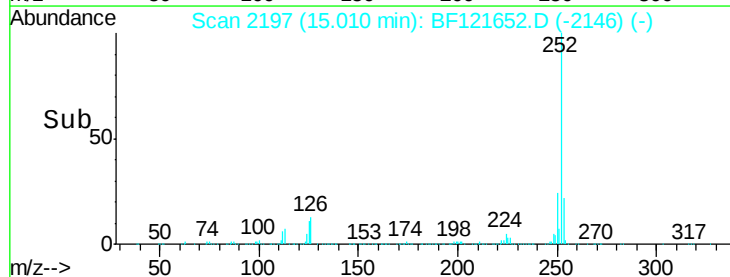
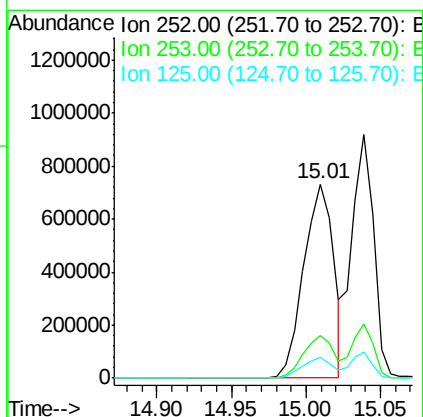
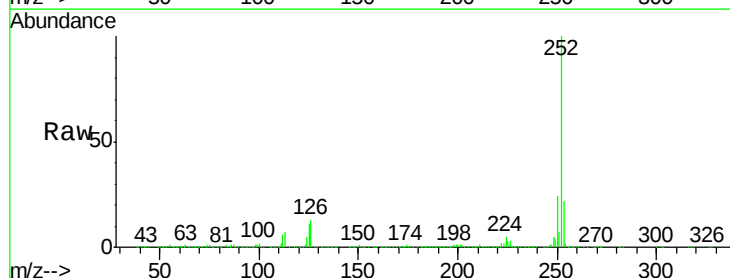
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

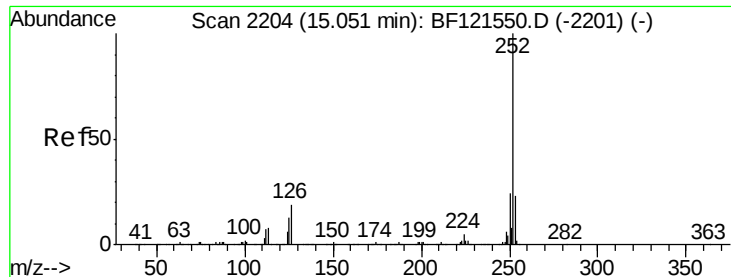
Tot Ion:276 Resp: 1047731
 Ion Ratio Lower Upper
 276 100
 138 23.5 19.0 28.6
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 41.599 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:252 Resp: 1012279
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.4
 125 10.7 8.5 12.7

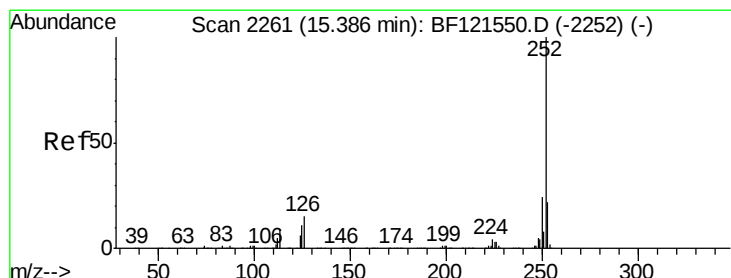
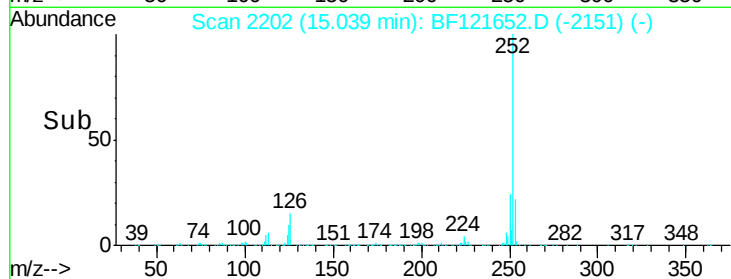
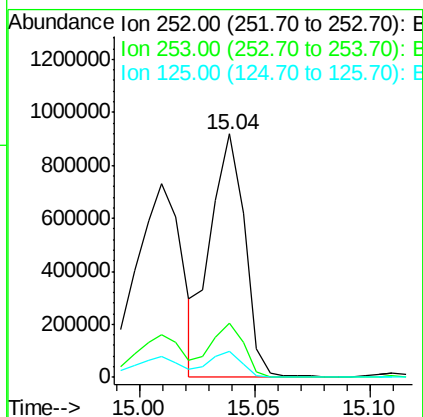
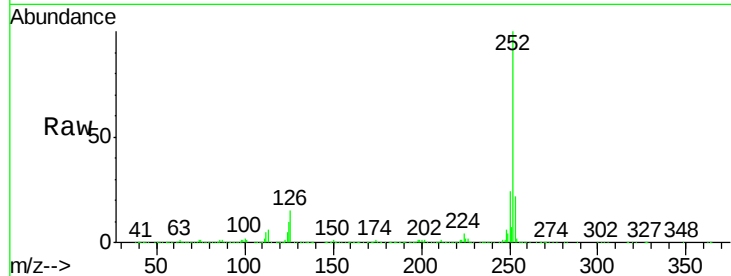




#89
Benzo(k)fluoranthene
Concen: 42.132 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

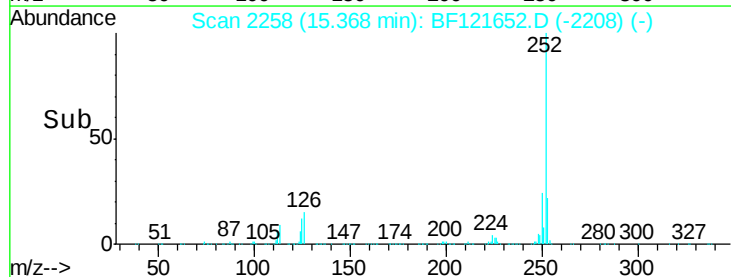
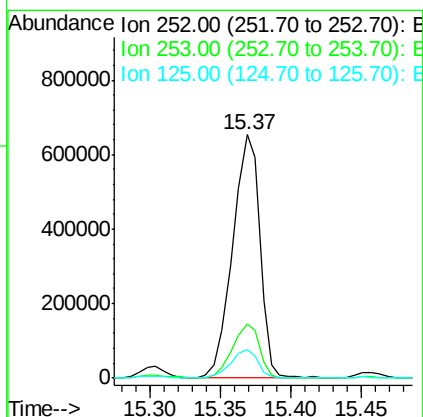
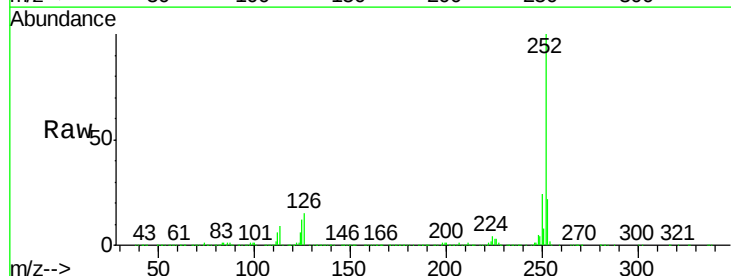
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

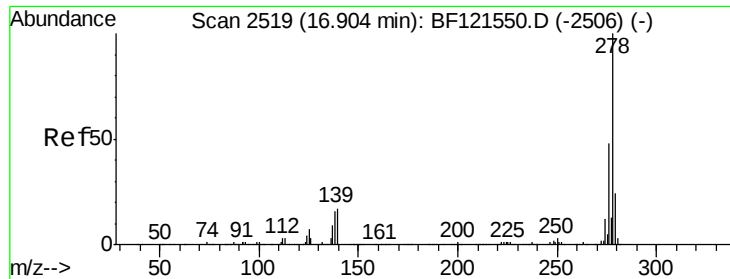
Tot Ion:252 Resp: 938866
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.264 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:252 Resp: 874218
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.8 9.1 13.7

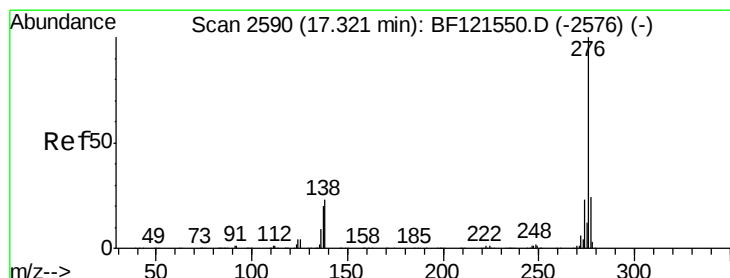
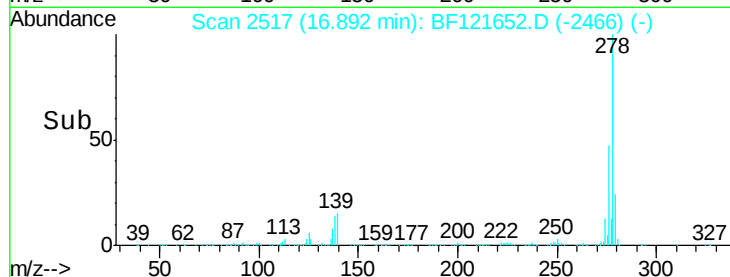
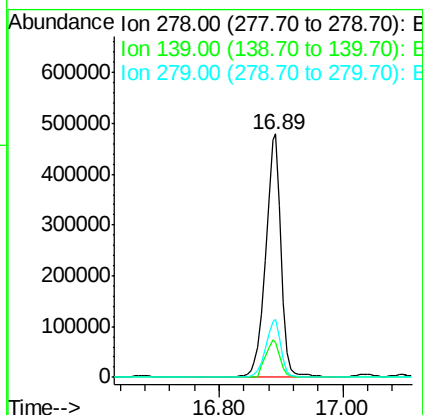
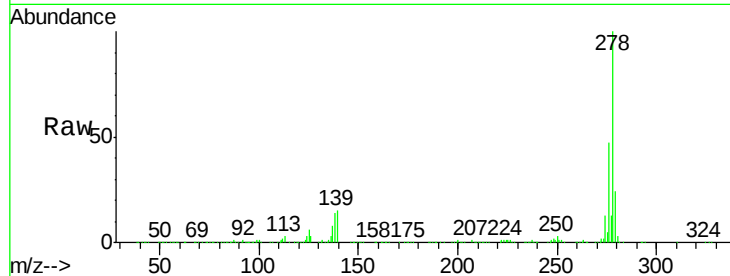




#91
Dibenzo(a,h)anthracene
Concen: 42.334 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.0	18.0
279	24.0	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 46.192 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.1	16.9	25.3

