

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132690.D
 Acq On : 08 Mar 2023 15:01
 Operator : CG\JU
 Sample : PB151303BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151303BL

Quant Time: Mar 09 00:37:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

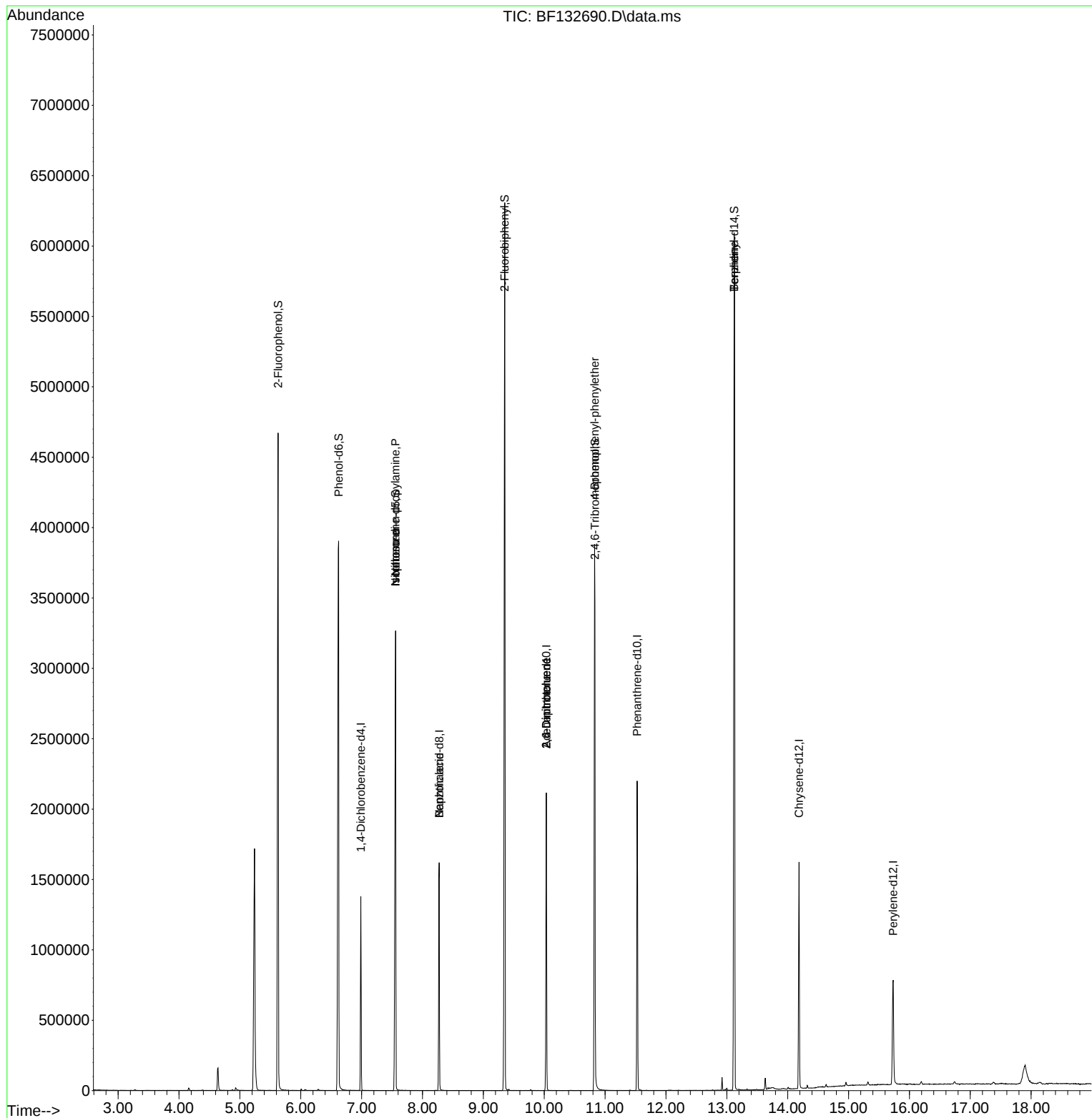
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	192275	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	727130	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	410323	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	791901	20.000	ng	0.00
76) Chrysene-d12	14.186	240	532453	20.000	ng	-0.01
86) Perylene-d12	15.733	264	388675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1430804	120.772	ng	0.01
7) Phenol-d6	6.622	99	1801273	116.500	ng	0.00
23) Nitrobenzene-d5	7.557	82	1198782	78.219	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	542551	122.436	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	2014663	74.762	ng	0.00
79) Terphenyl-d14	13.121	244	2564488	81.432	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.557	70	160140	16.829	ng	# 75
25) Isophorone	7.557	82	1197615	40.758	ng	# 67
32) Benzoic acid	8.275	122	89	3.845	ng	# 1
51) 2,6-Dinitrotoluene	10.033	165	52146	7.664	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	52146	5.761	ng	# 21
67) 4-Bromophenyl-phenylether	10.827	248	34648	3.868	ng	# 1
77) Benzidine	13.121	184	37227	2.872	ng	# 93

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

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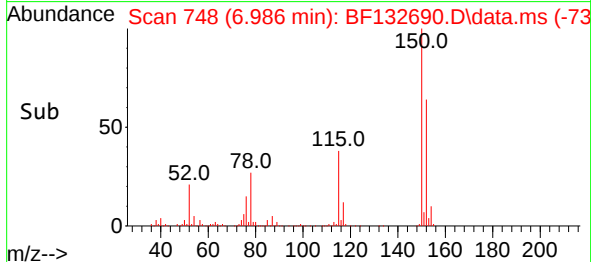
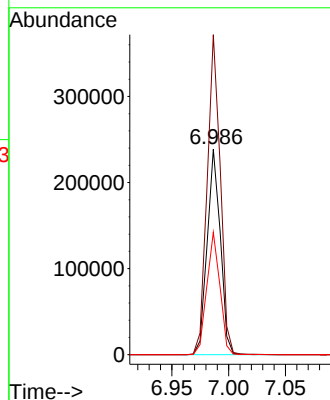
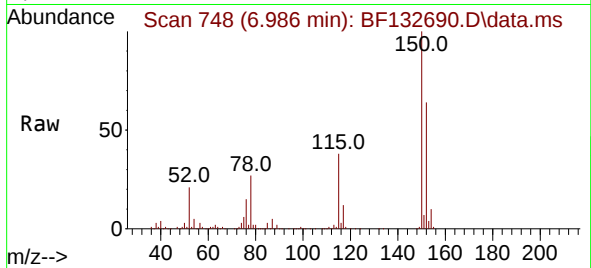




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 710
Delta R.T. -0.007 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

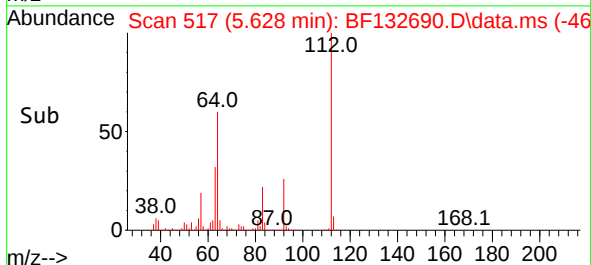
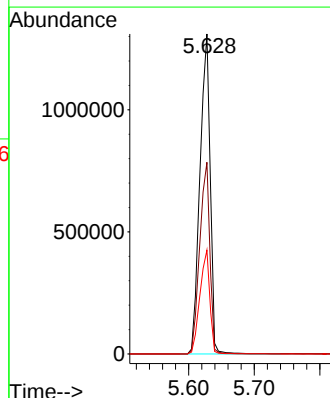
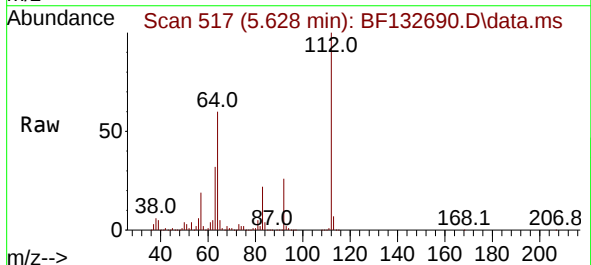
Instrument :
BNA_F
ClientSampleId :
PB151303BL

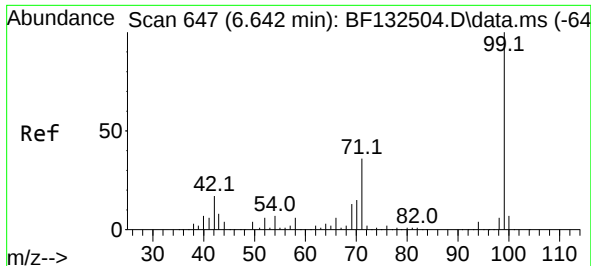
Tgt Ion:152 Resp: 192275
Ion Ratio Lower Upper
152 100
150 155.8 125.4 188.2
115 59.6 47.8 71.6



#5
2-Fluorophenol
Concen: 120.772 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion:112 Resp: 1430804
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 32.5 27.4 41.2

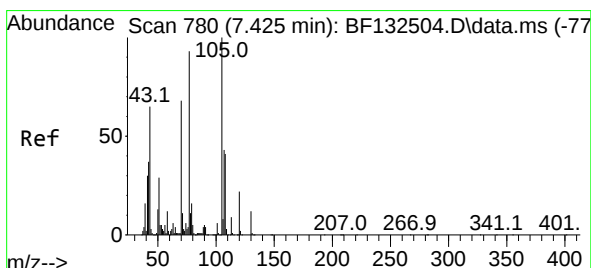
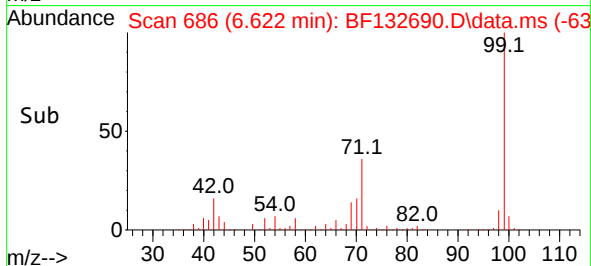
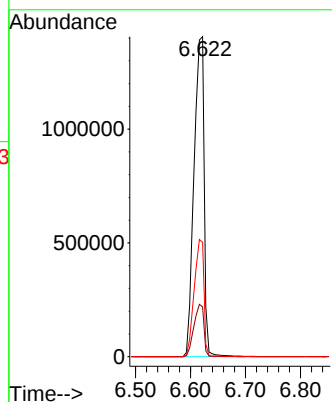
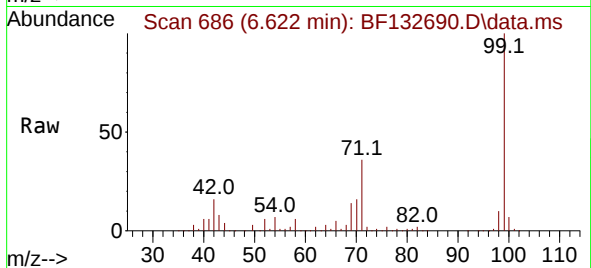




#7
Phenol-d6
Concen: 116.500 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

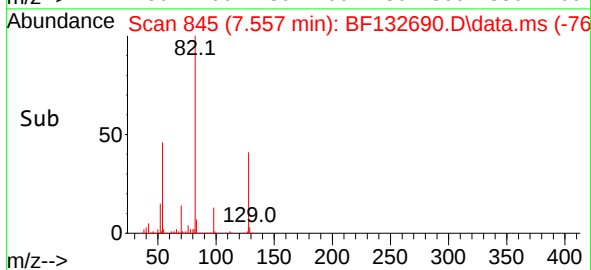
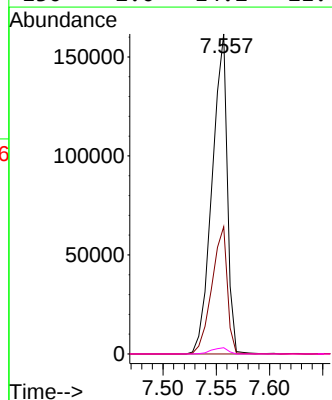
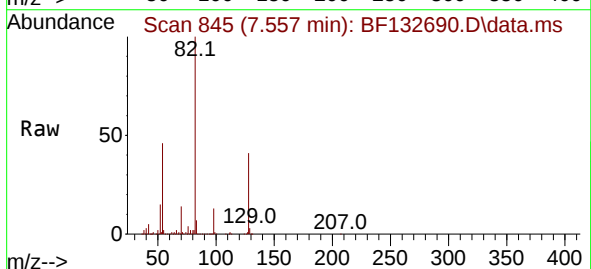
Instrument :
BNA_F
ClientSampleId :
PB151303BL

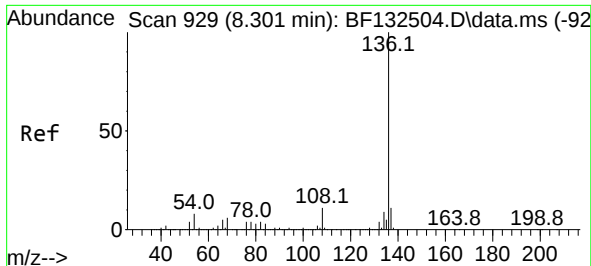
Tgt Ion: 99 Resp: 1801273
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 35.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.829 ng
RT: 7.557 min Scan# 845
Delta R.T. 0.153 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion: 70 Resp: 160140
Ion Ratio Lower Upper
70 100
42 39.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



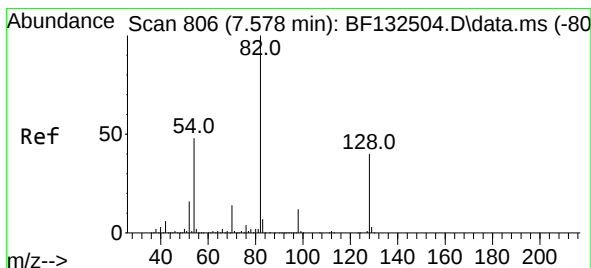
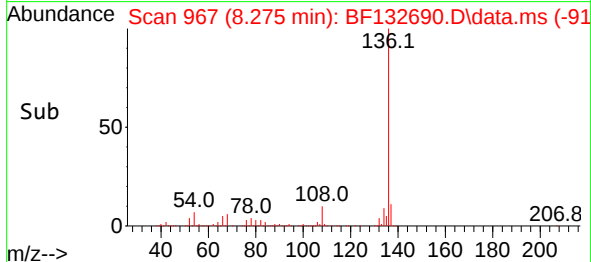
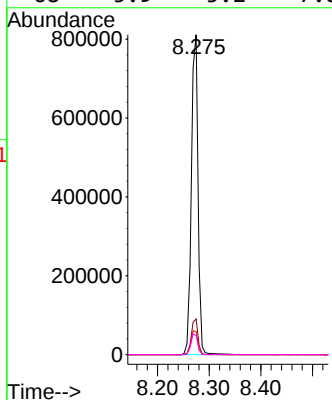
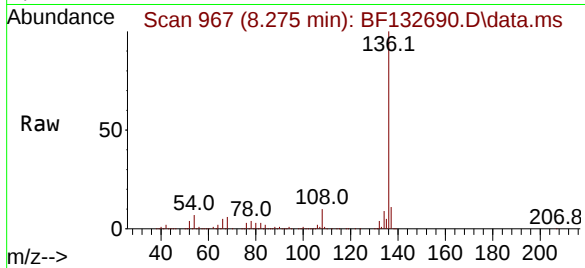


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB151303BL

Tgt Ion:136 Resp: 727130

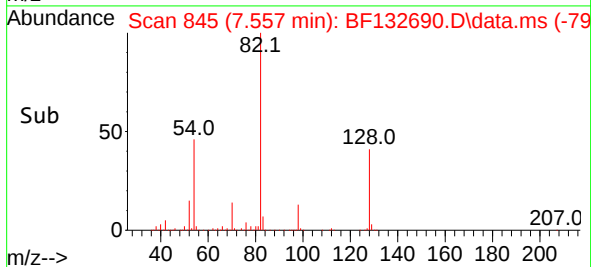
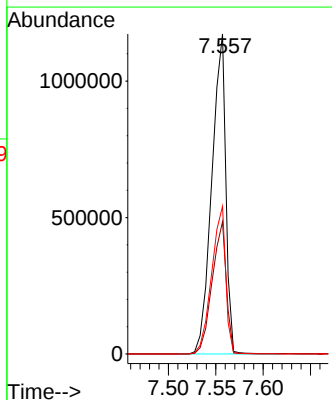
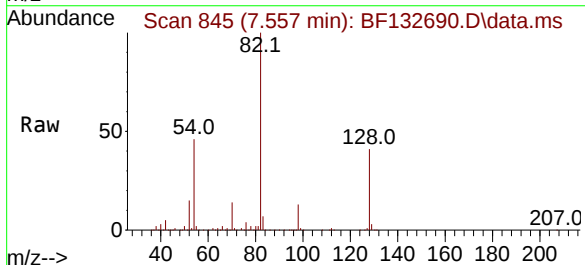
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.2	9.4
68	5.9	5.2	7.8

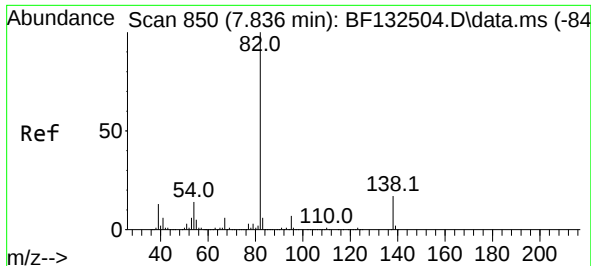


#23
Nitrobenzene-d5
Concen: 78.219 ng
RT: 7.557 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion: 82 Resp: 1198782

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.2
54	46.1	38.4	57.6

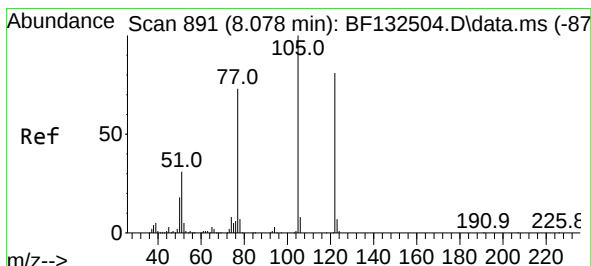
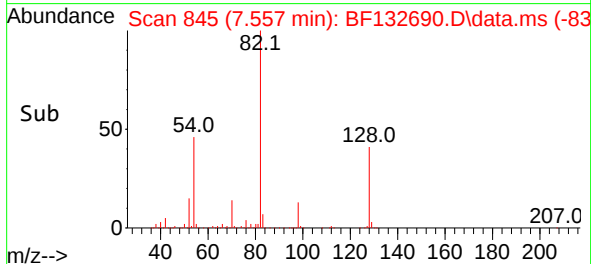
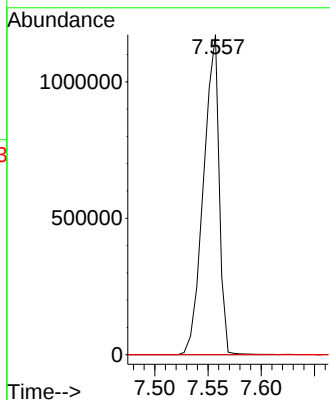
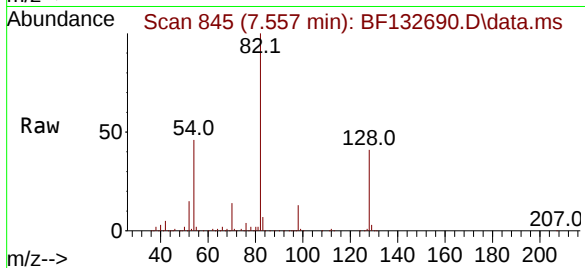




#25
Isophorone
Concen: 40.758 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

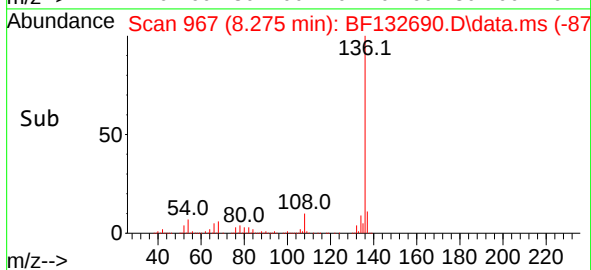
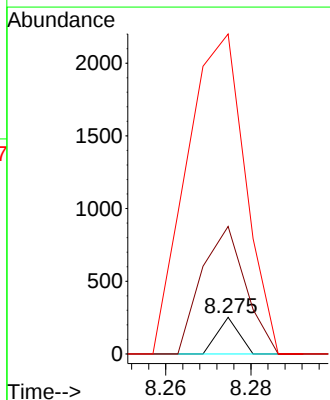
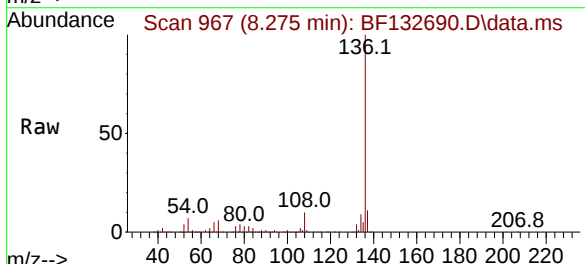
Instrument :
BNA_F
ClientSampleId :
PB151303BL

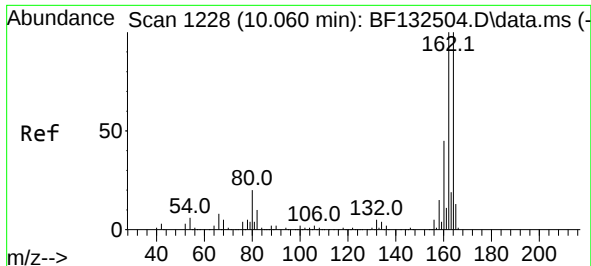
Tgt Ion: 82 Resp: 1197615
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.845 ng
RT: 8.275 min Scan# 967
Delta R.T. 0.217 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion:122 Resp: 89
Ion Ratio Lower Upper
122 100
105 348.0 102.6 142.6#
77 873.4 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132690.D

Acq: 08 Mar 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB151303BL

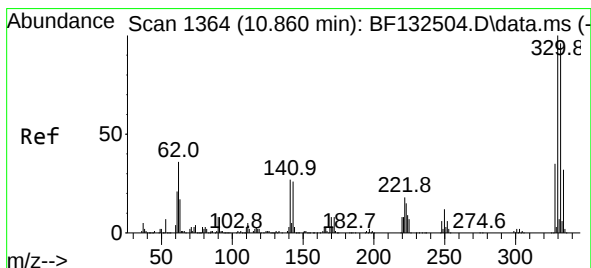
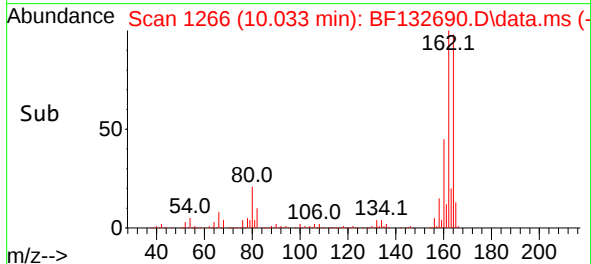
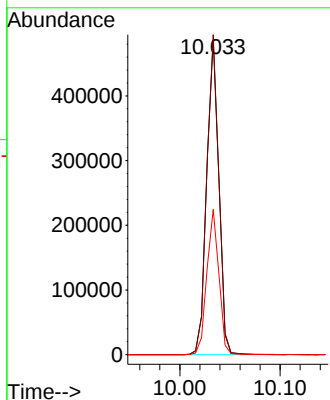
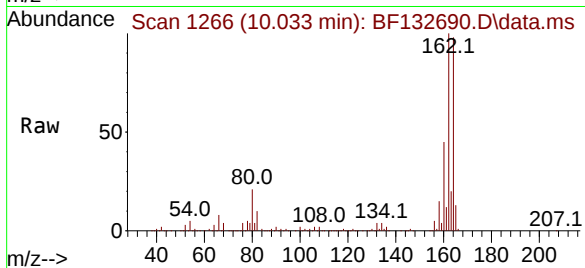
Tgt Ion:164 Resp: 410323

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

160 46.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 122.436 ng

RT: 10.833 min Scan# 1402

Delta R.T. -0.000 min

Lab File: BF132690.D

Acq: 08 Mar 2023 15:01

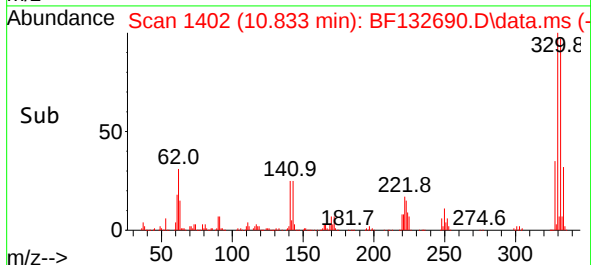
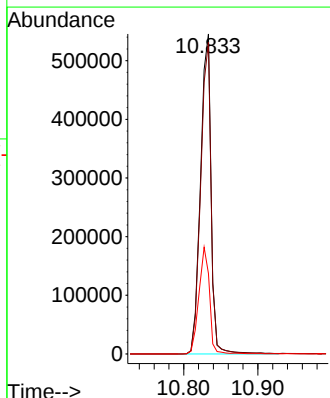
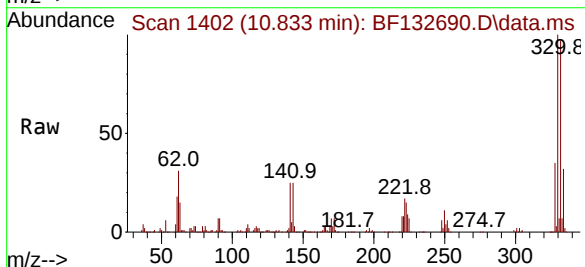
Tgt Ion:330 Resp: 542551

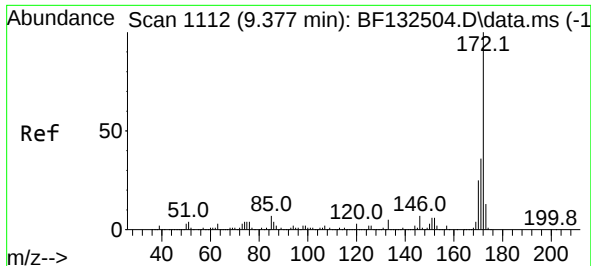
Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

141 33.4 28.4 42.6

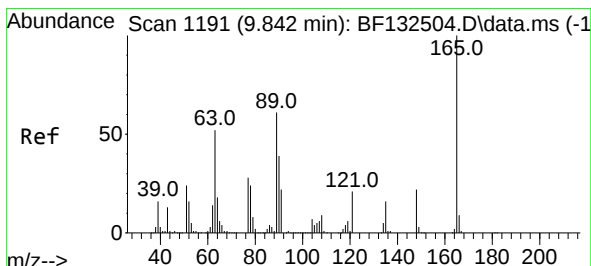
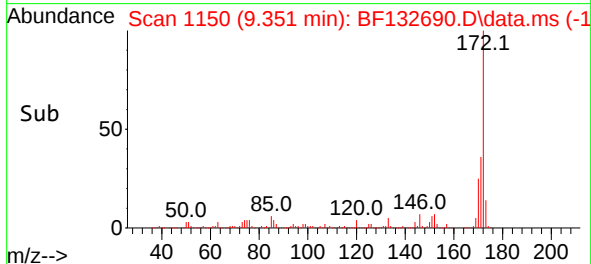
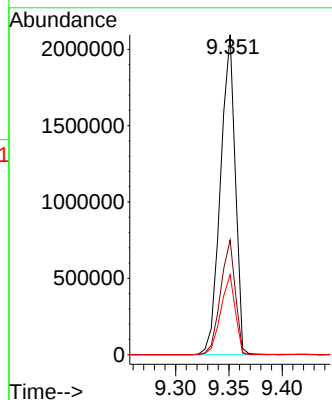
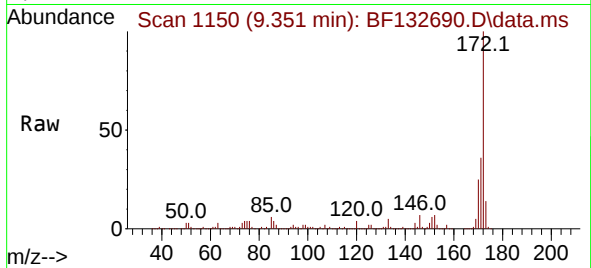




#45
2-Fluorobiphenyl
Concen: 74.762 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

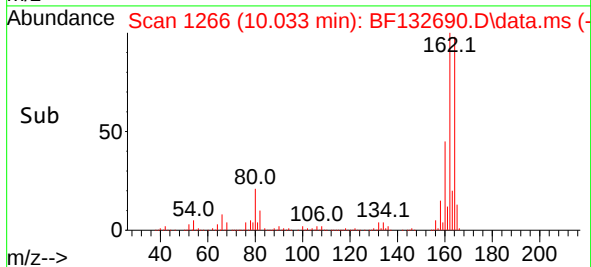
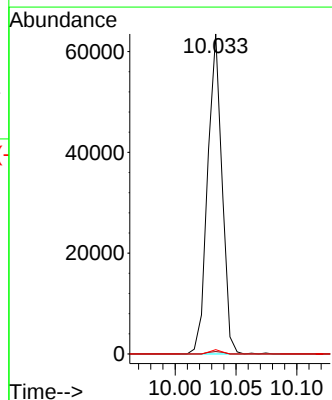
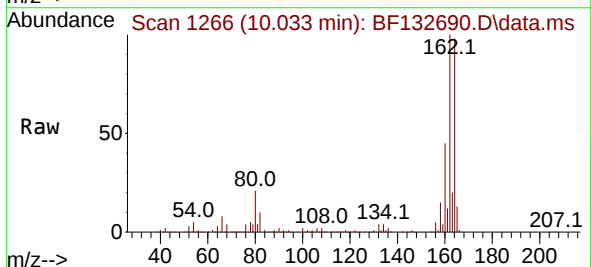
Instrument :
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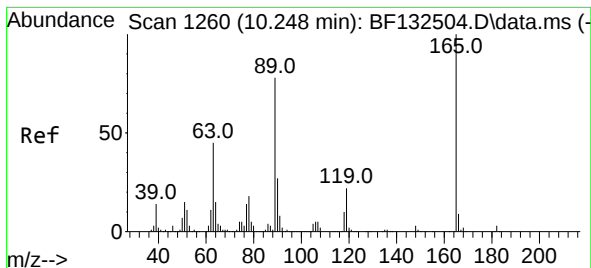
Tgt Ion:172 Resp: 2014663
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 25.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.664 ng
RT: 10.033 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion:165 Resp: 52146
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.3 48.9 73.3#

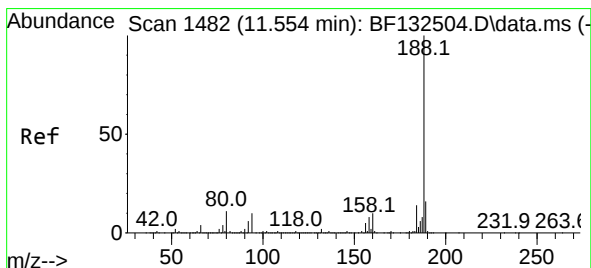
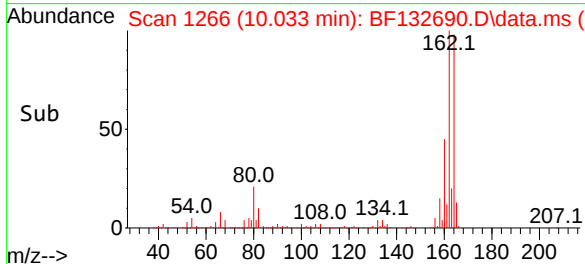
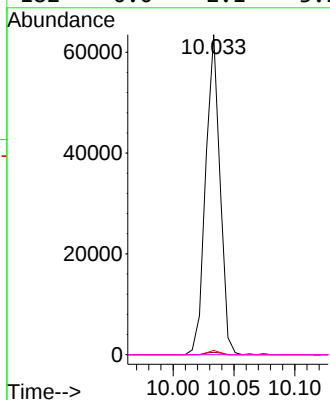
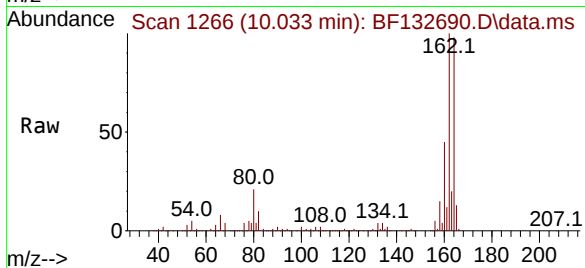




#57
2,4-Dinitrotoluene
Concen: 5.761 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

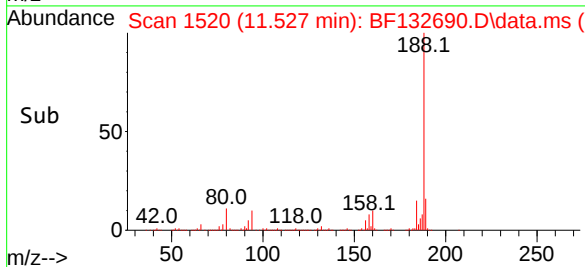
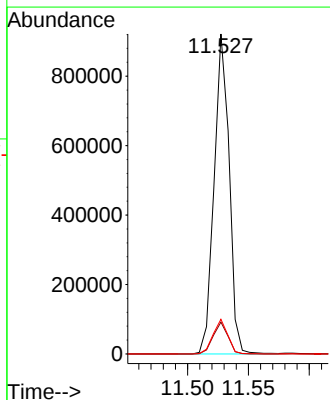
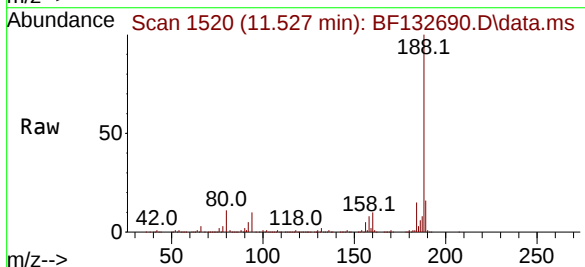
Instrument :
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ClientSampleId :
PB151303BL

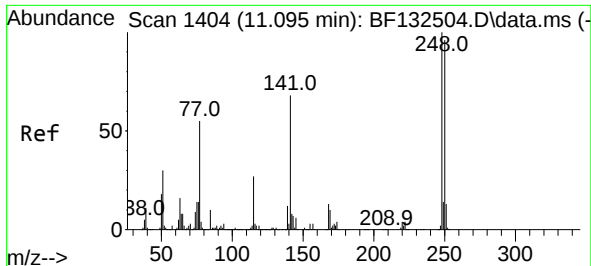
Tgt Ion:165 Resp: 52146
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion:188 Resp: 791901
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 8.7 13.1

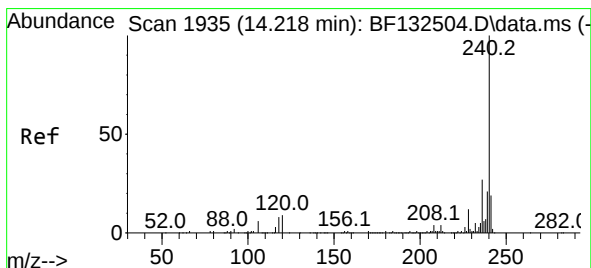
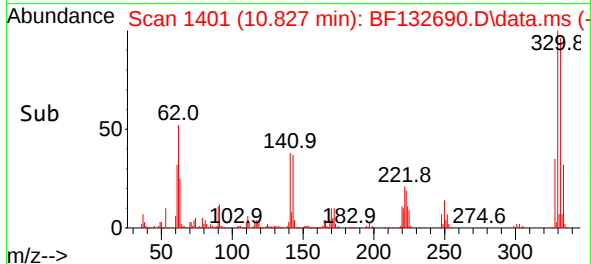
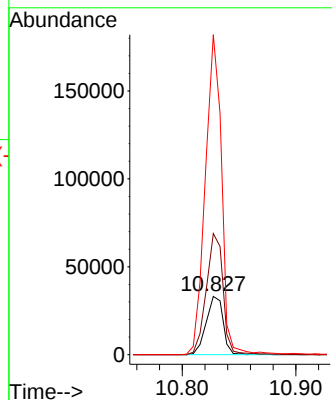
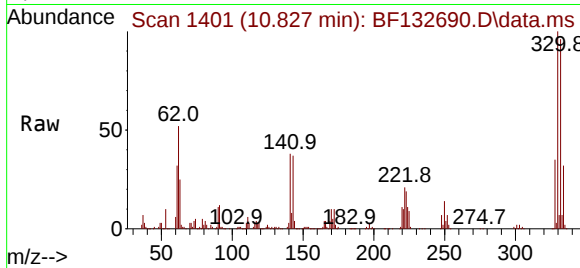




#67
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 10.827 min Scan# 1401
Delta R.T. -0.247 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

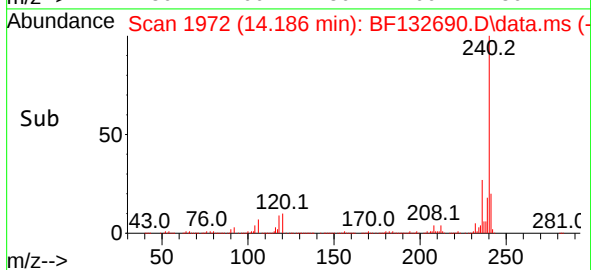
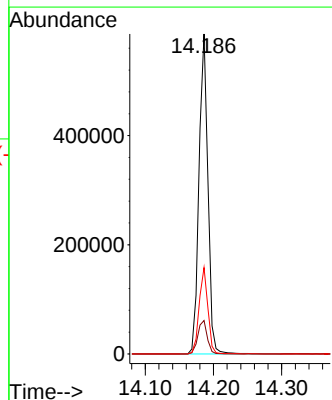
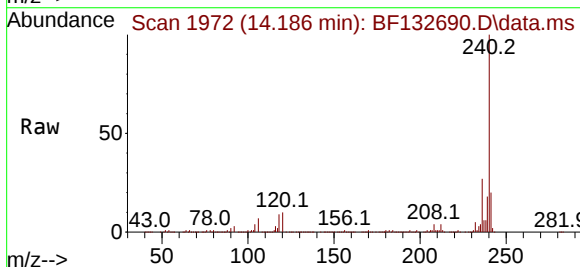
Instrument :
BNA_F
ClientSampleId :
PB151303BL

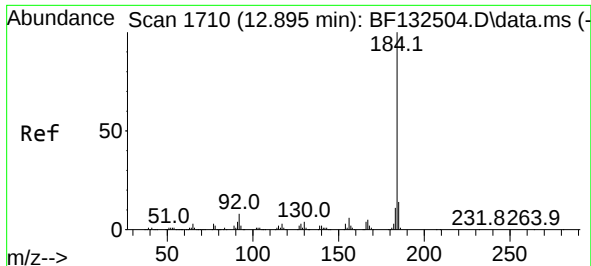
Tgt Ion:248 Resp: 34648
Ion Ratio Lower Upper
248 100
250 207.8 77.0 115.4#
141 549.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion:240 Resp: 532453
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 27.0 21.8 32.6

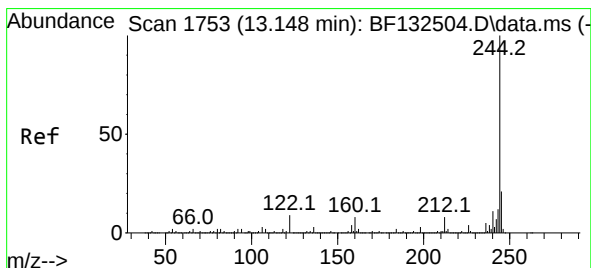
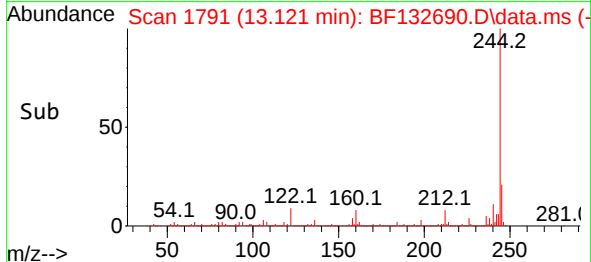
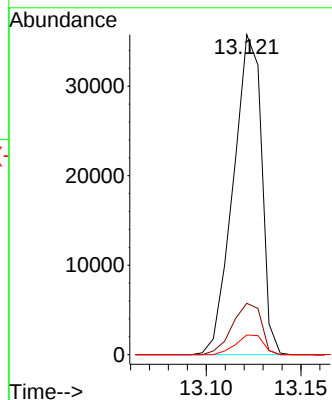
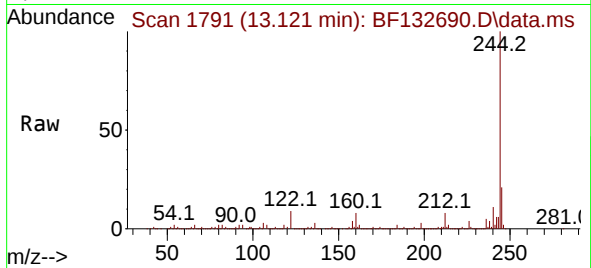




#77
Benzidine
Concen: 2.872 ng
RT: 13.121 min Scan# 1791
Delta R.T. 0.247 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

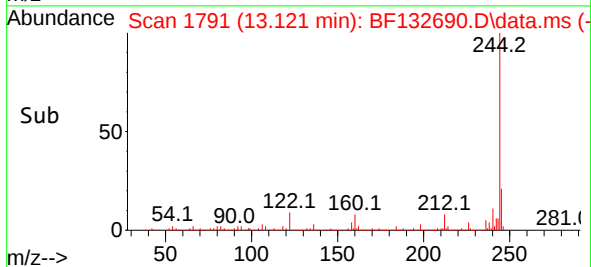
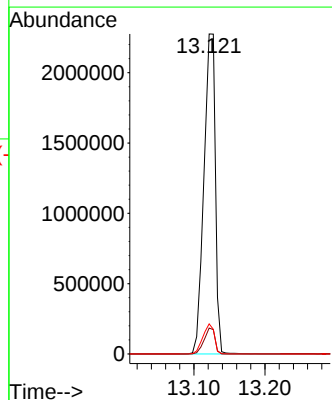
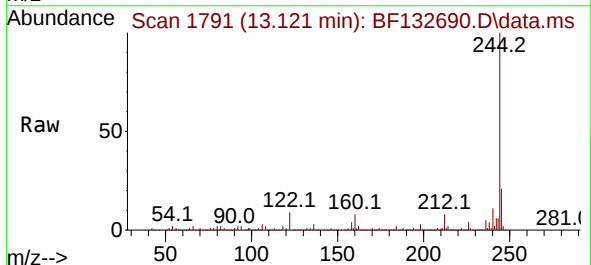
Instrument :
BNA_F
ClientSampleId :
PB151303BL

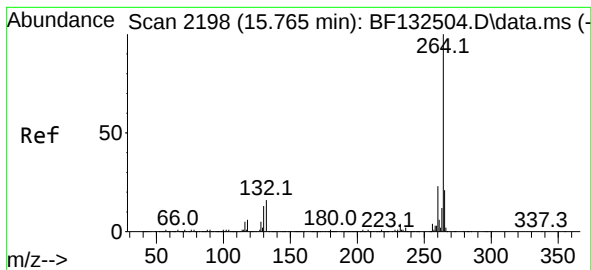
Tgt Ion:184 Resp: 37227
Ion Ratio Lower Upper
184 100
185 16.0 11.7 17.5
183 6.1 8.7 13.1#



#79
Terphenyl-d14
Concen: 81.432 ng
RT: 13.121 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Tgt Ion:244 Resp: 2564488
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.4 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132690.D
Acq: 08 Mar 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB151303BL

Tgt Ion:264 Resp: 388675
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 22.4 17.1 25.7

