

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132692.D
 Acq On : 08 Mar 2023 16:11
 Operator : CG\JU
 Sample : 01825-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306

Quant Time: Mar 09 00:37:42 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)

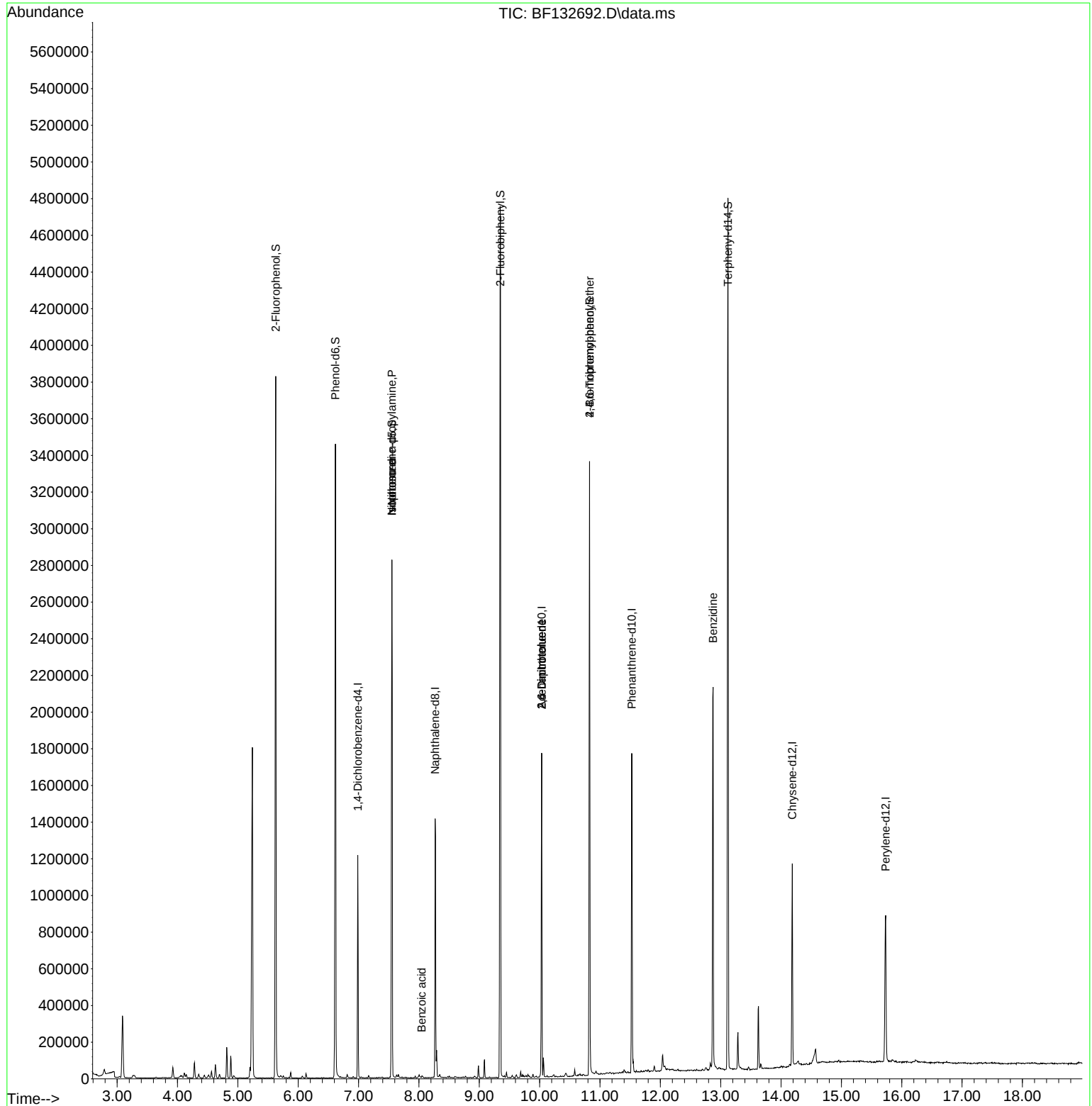
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	170393	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	624650	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	327527	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	609099	20.000	ng	0.00
76) Chrysene-d12	14.186	240	362810	20.000	ng	-0.01
86) Perylene-d12	15.733	264	406842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1105216	105.270	ng	0.01
7) Phenol-d6	6.616	99	1314078	95.905	ng	0.00
23) Nitrobenzene-d5	7.551	82	982915	74.656	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	402254	113.723	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1567607	72.878	ng	0.00
79) Terphenyl-d14	13.121	244	1743212	81.236	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	129599	15.369	ng	# 77
25) Isophorone	7.551	82	982906	38.939	ng	# 67
32) Benzoic acid	8.045	122	89	3.847	ng	# 56
51) 2,6-Dinitrotoluene	10.033	165	44627	8.217	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	44627	6.176	ng	# 21
67) 4-Bromophenyl-phenylether	10.827	248	26396	3.831	ng	# 1
77) Benzidine	12.874	184	904741	102.441	ng	100

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

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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
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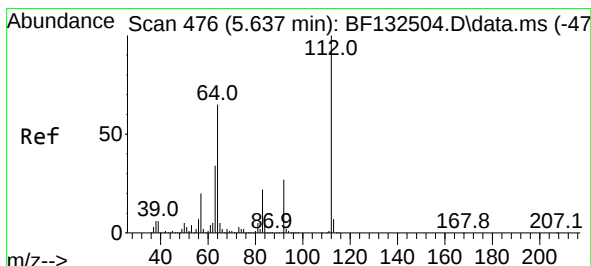
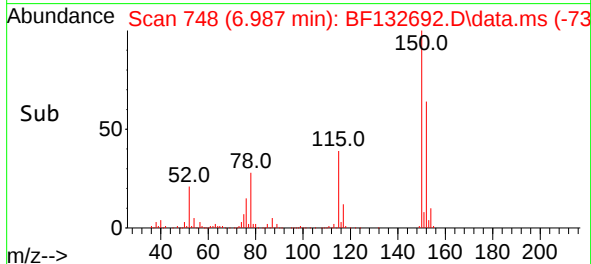
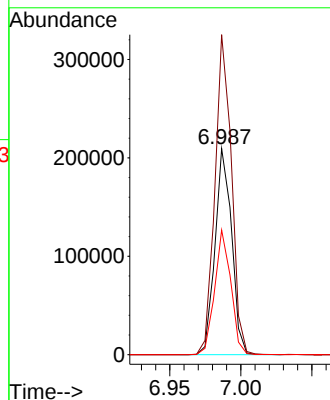
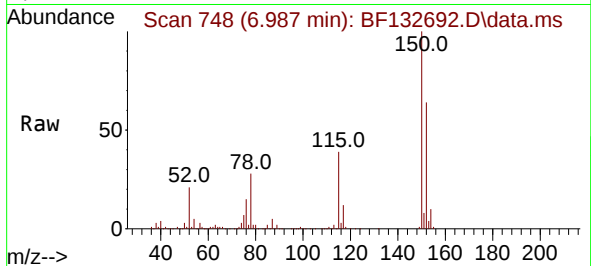




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.987 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132692.D
 Acq: 08 Mar 2023 16:11

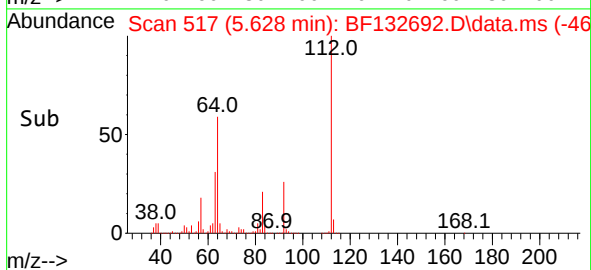
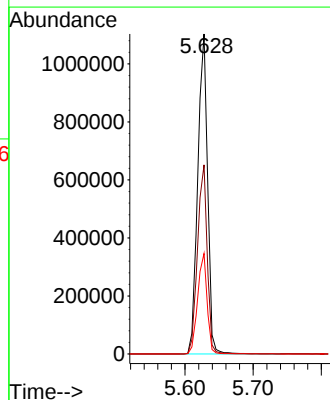
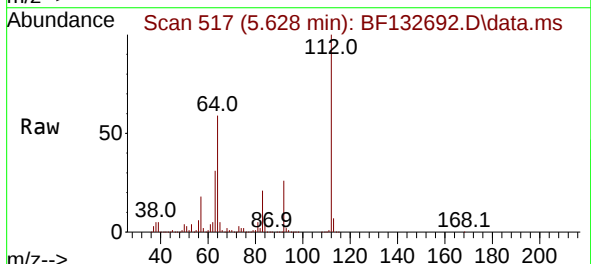
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306

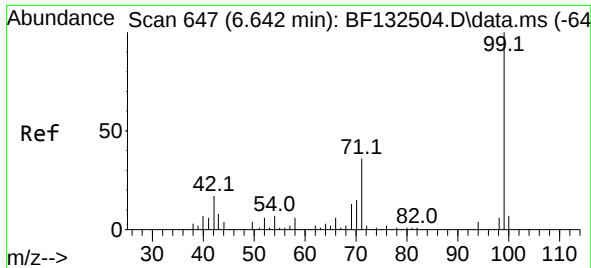
Tgt Ion:152 Resp: 170393
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.4 188.2
 115 60.4 47.8 71.6



#5
 2-Fluorophenol
 Concen: 105.270 ng
 RT: 5.628 min Scan# 517
 Delta R.T. 0.012 min
 Lab File: BF132692.D
 Acq: 08 Mar 2023 16:11

Tgt Ion:112 Resp: 1105216
 Ion Ratio Lower Upper
 112 100
 64 59.1 51.6 77.4
 63 31.4 27.4 41.2

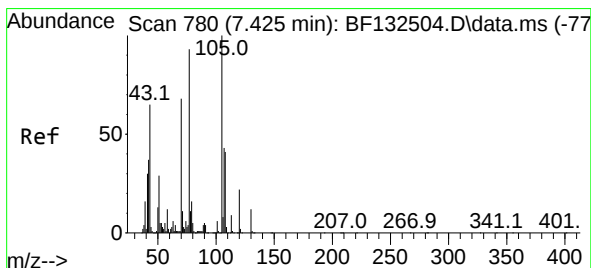
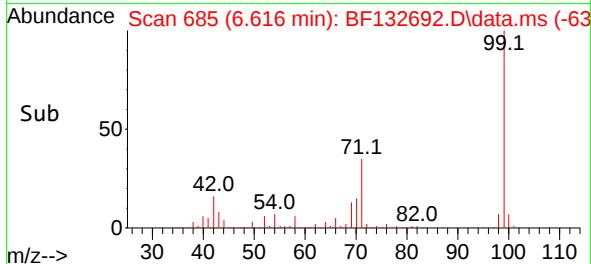
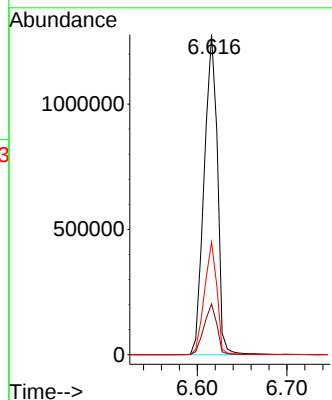
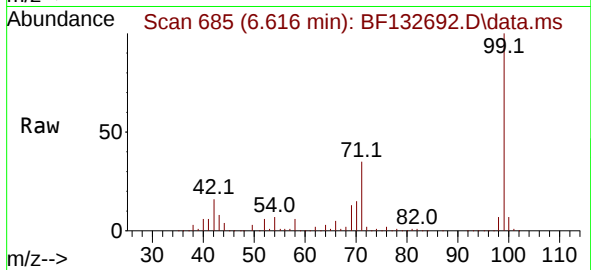




#7
Phenol-d6
Concen: 95.905 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

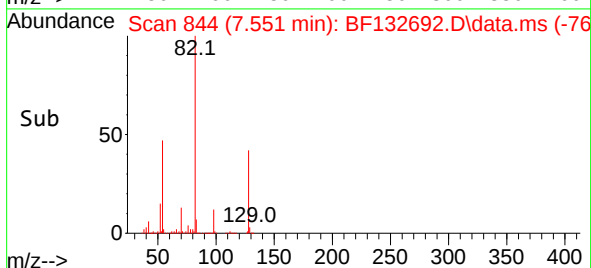
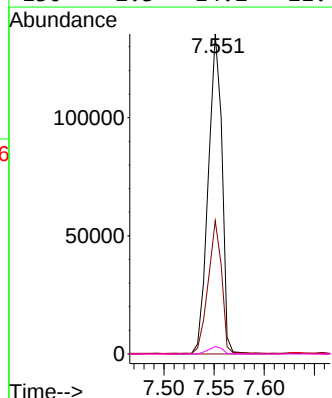
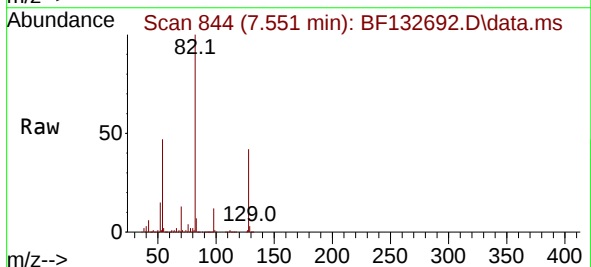
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

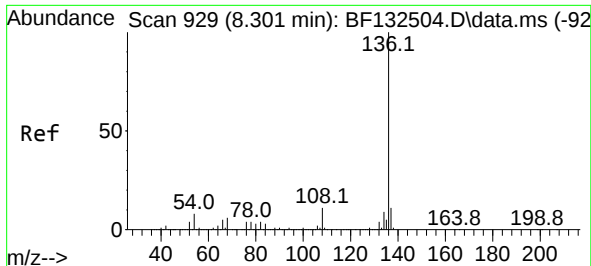
Tgt Ion: 99 Resp: 1314078
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 35.2 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.369 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion: 70 Resp: 129599
Ion Ratio Lower Upper
70 100
42 41.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#

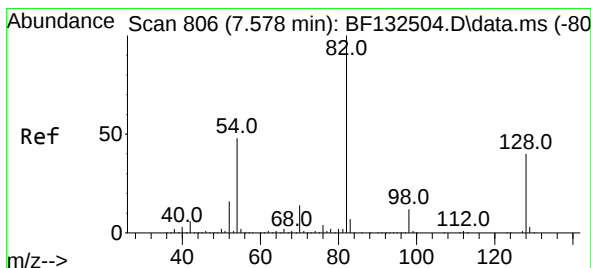
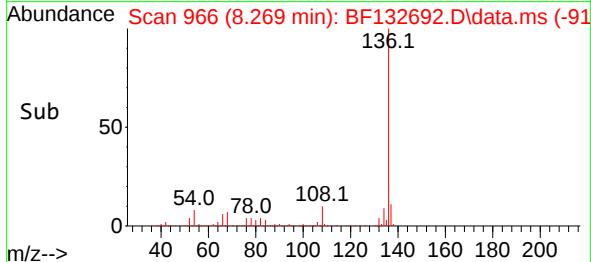
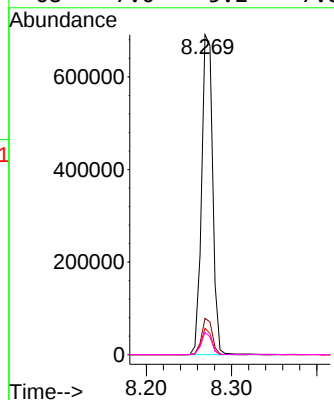
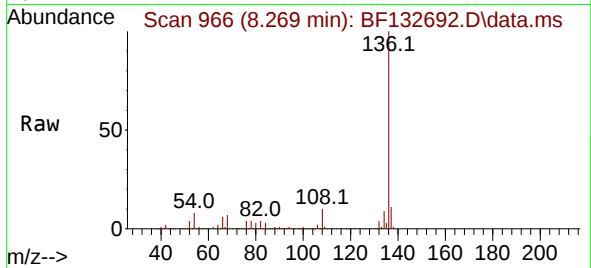




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

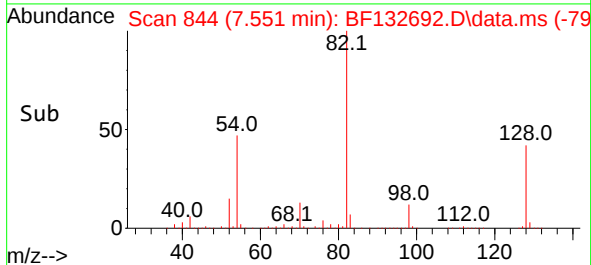
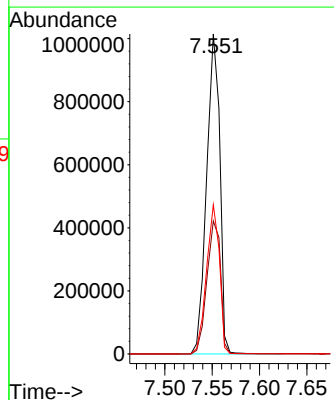
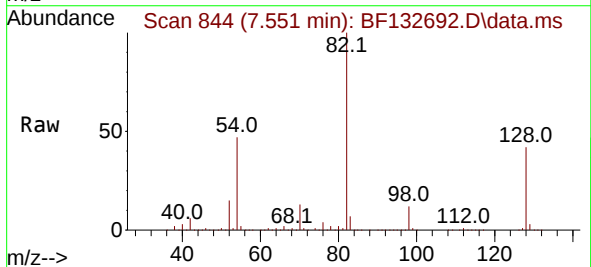
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Tgt Ion:136 Resp: 624650
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.2 6.2 9.4
68 7.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 74.656 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion: 82 Resp: 982915
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 46.6 38.4 57.6

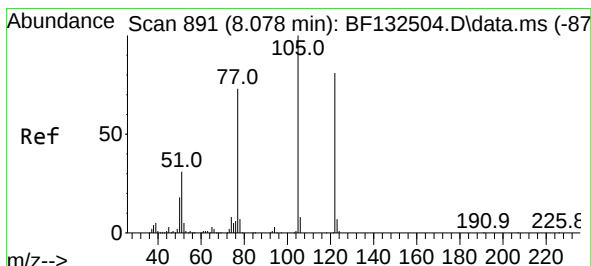
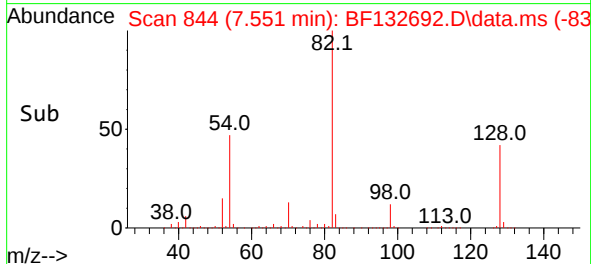
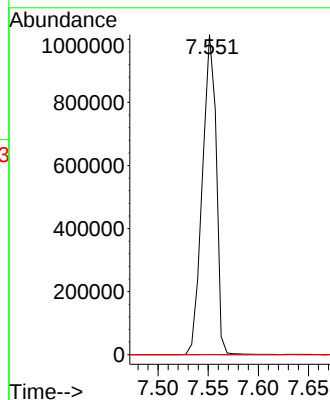
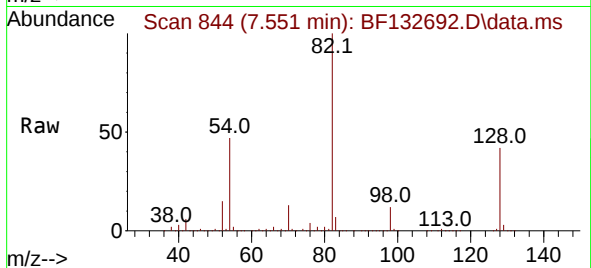




#25
Isophorone
Concen: 38.939 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

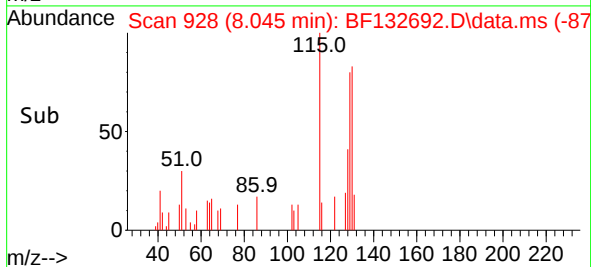
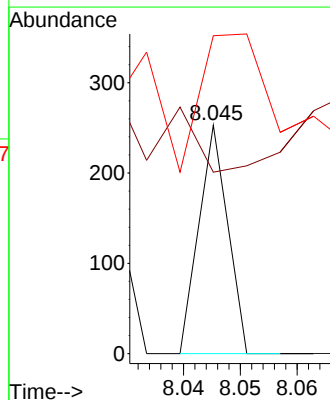
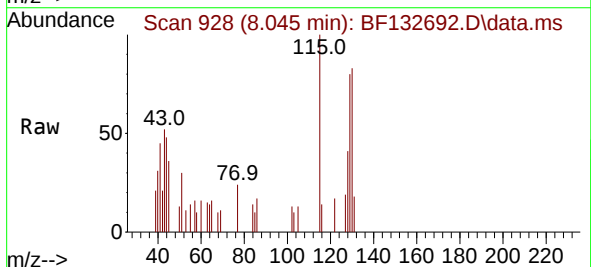
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

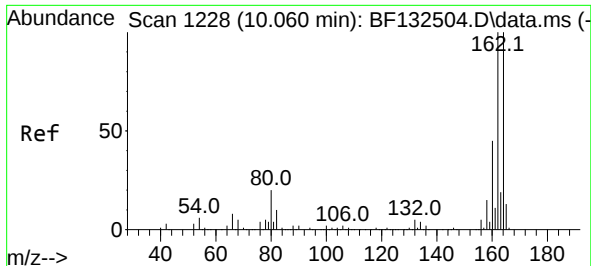
Tgt Ion: 82 Resp: 982906
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.847 ng
RT: 8.045 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion: 122 Resp: 89
Ion Ratio Lower Upper
122 100
105 79.4 102.6 142.6#
77 139.1 70.2 110.2#

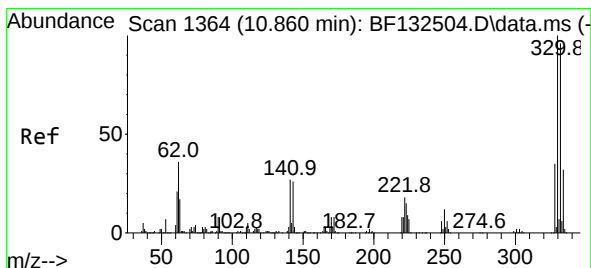
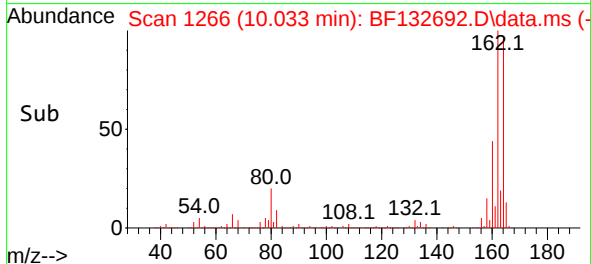
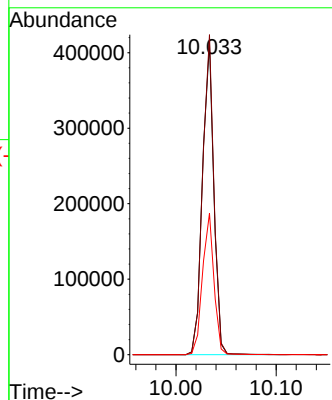
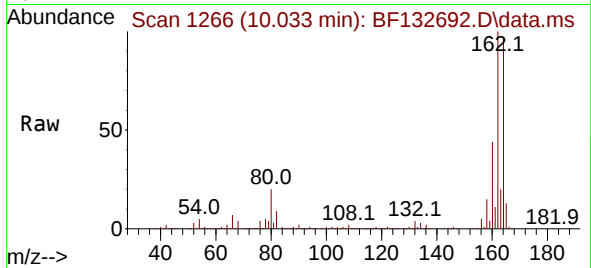




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

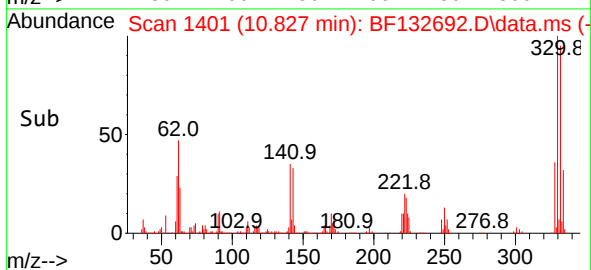
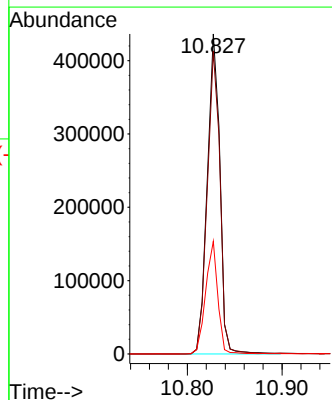
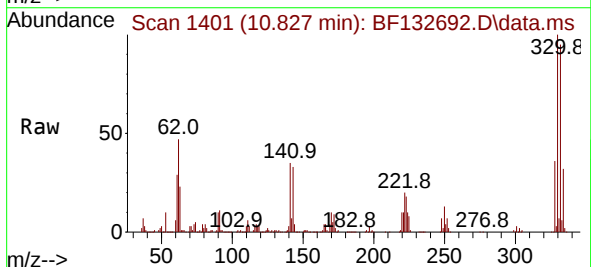
Instrument :
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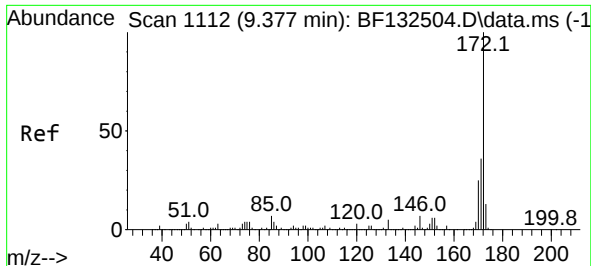
Tgt Ion:164 Resp: 327527
Ion Ratio Lower Upper
164 100
162 102.7 79.8 119.8
160 45.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 113.723 ng
RT: 10.827 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:330 Resp: 402254
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 34.1 28.4 42.6

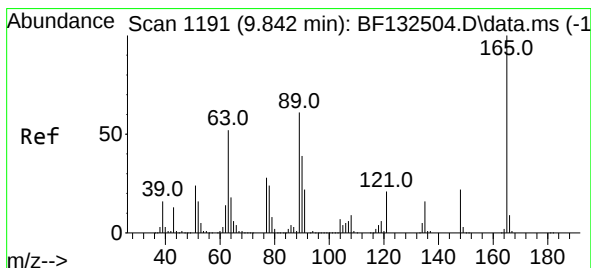
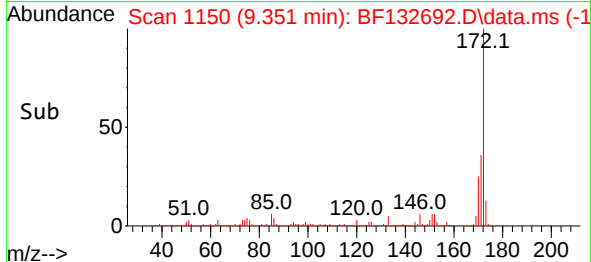
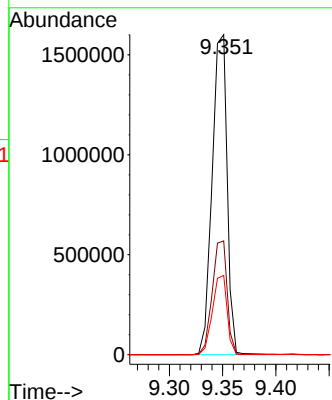
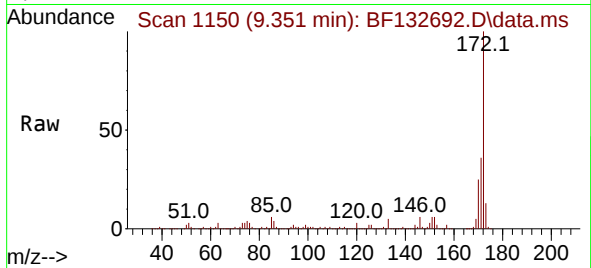




#45
2-Fluorobiphenyl
Concen: 72.878 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

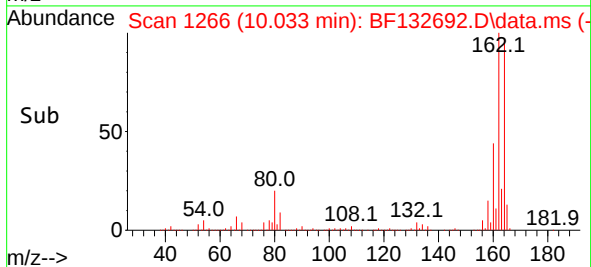
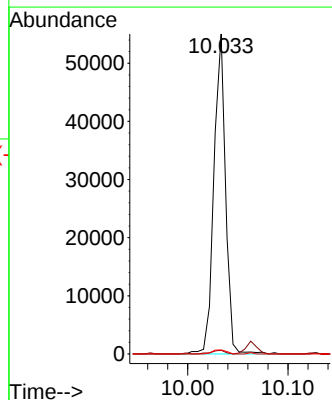
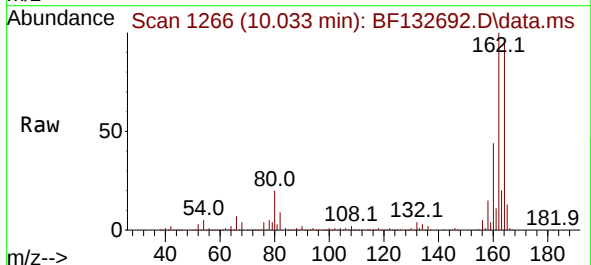
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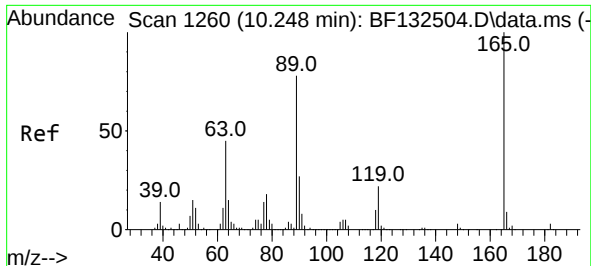
Tgt Ion:172 Resp: 1567607
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.7 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.217 ng
RT: 10.033 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:165 Resp: 44627
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.3 48.9 73.3#

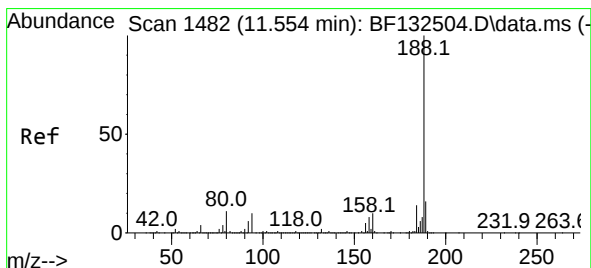
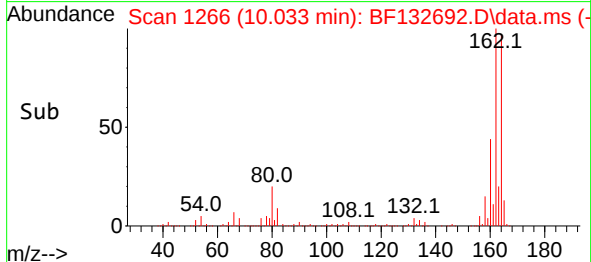
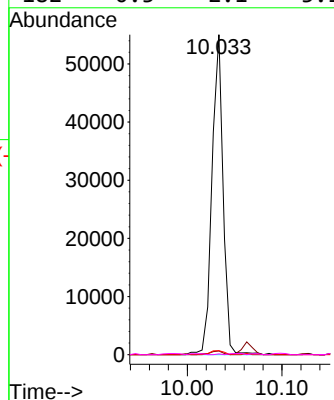
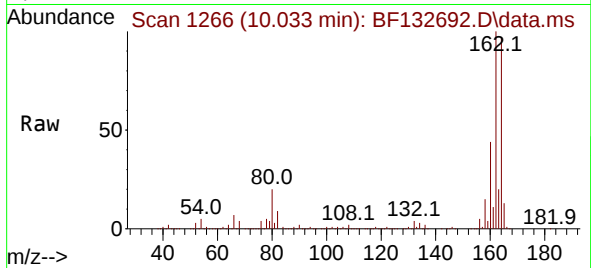




#57
2,4-Dinitrotoluene
Concen: 6.176 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

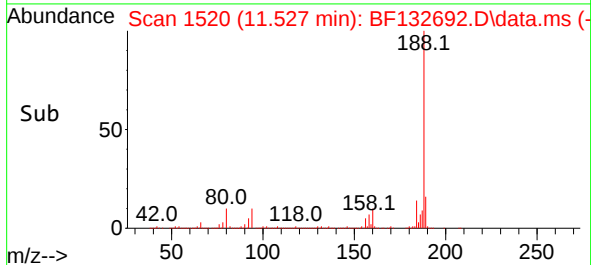
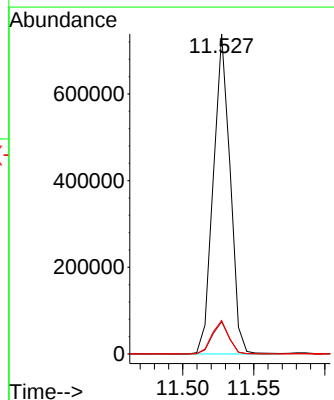
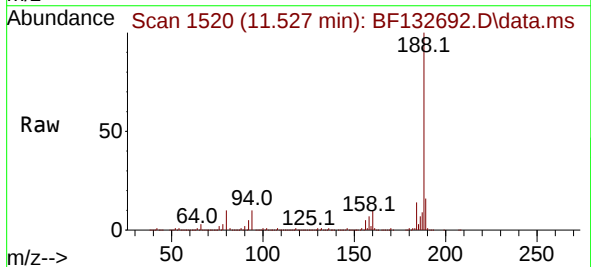
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

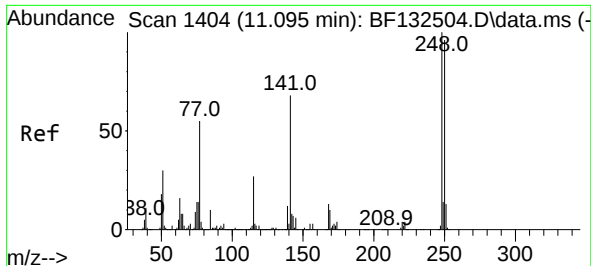
Tgt Ion:165	Resp:	44627
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.5 54.7#
89	1.3	62.4 93.6#
182	0.3	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:188	Resp:	609099
Ion Ratio	Lower	Upper
188	100	
94	10.1	8.3 12.5
80	10.4	8.7 13.1

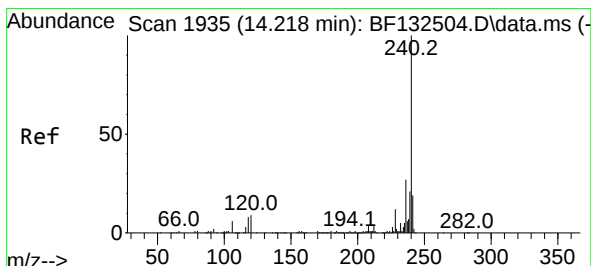
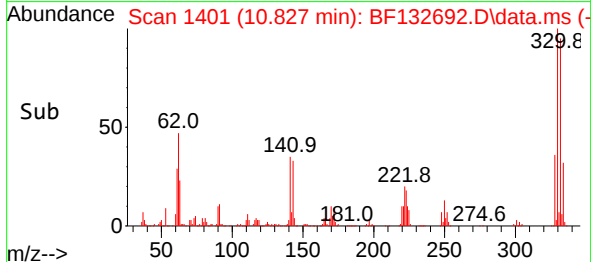
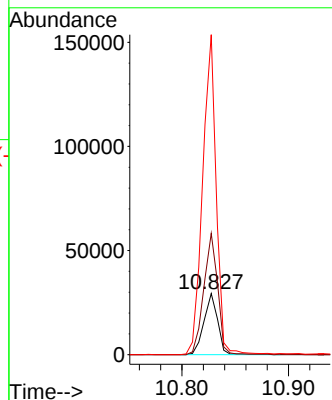
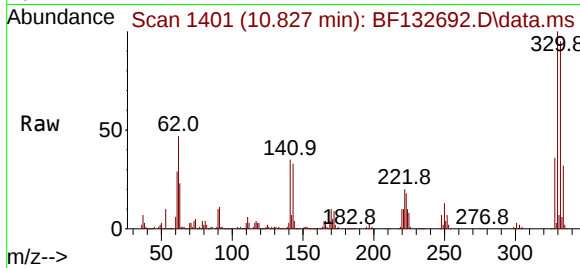




#67
4-Bromophenyl-phenylether
Concen: 3.831 ng
RT: 10.827 min Scan# 1404
Delta R.T. -0.247 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

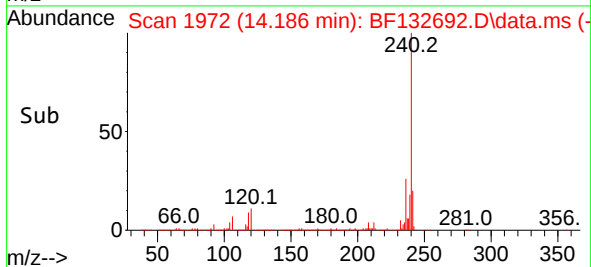
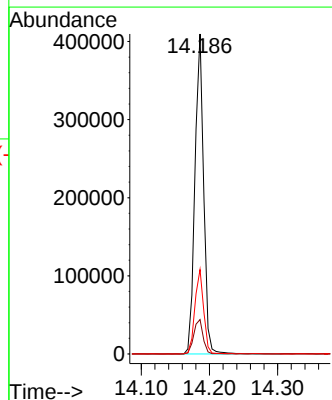
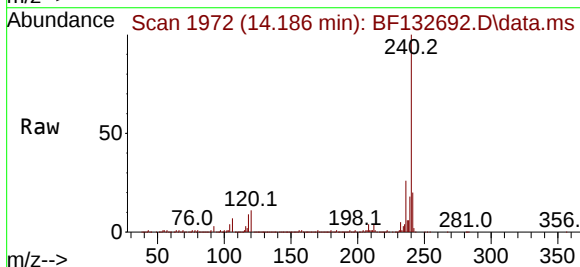
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

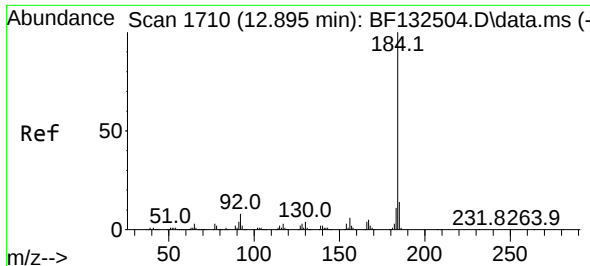
Tgt Ion:248 Resp: 26396
Ion Ratio Lower Upper
248 100
250 198.1 77.0 115.4#
141 522.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:240 Resp: 362810
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 26.4 21.8 32.6

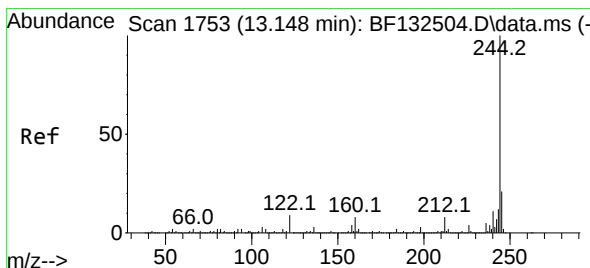
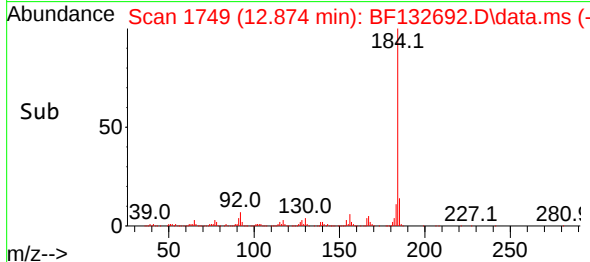
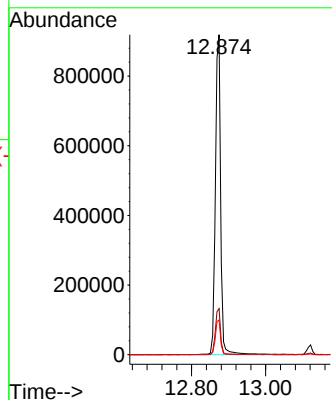
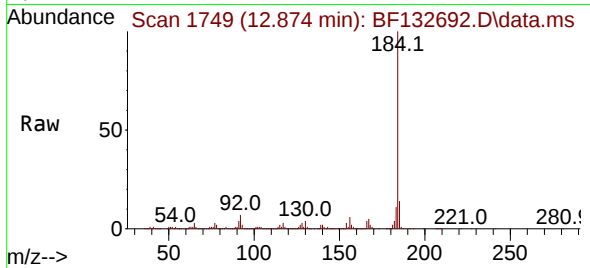




#77
Benzidine
Concen: 102.441 ng
RT: 12.874 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

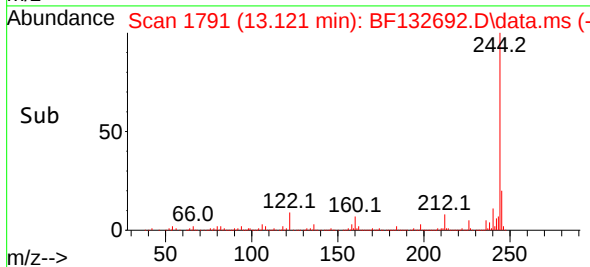
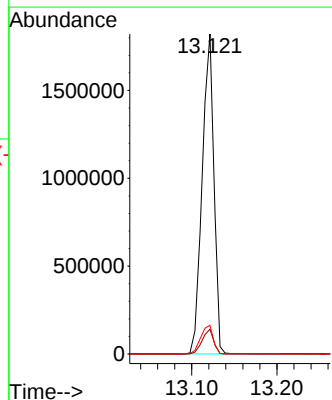
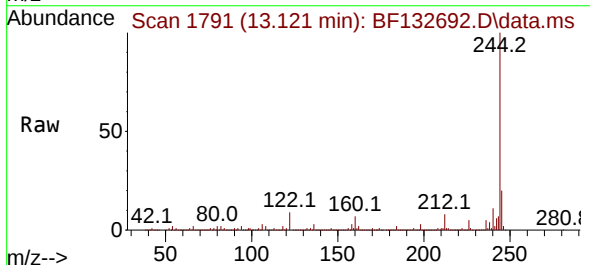
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

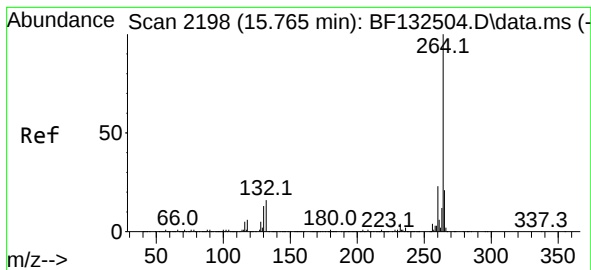
Tgt Ion:184 Resp: 904741
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.9 8.7 13.1



#79
Terphenyl-d14
Concen: 81.236 ng
RT: 13.121 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

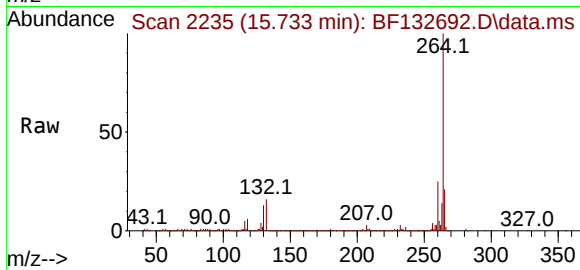
Tgt Ion:244 Resp: 1743212
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.0 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132692.D
 Acq: 08 Mar 2023 16:11

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306



Tgt Ion:264 Resp: 406842
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.0 17.1 25.7

