

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133297.D
 Acq On : 08 May 2023 16:24
 Operator : CG\JU
 Sample : 02567-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-29-04

Quant Time: May 09 05:06:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

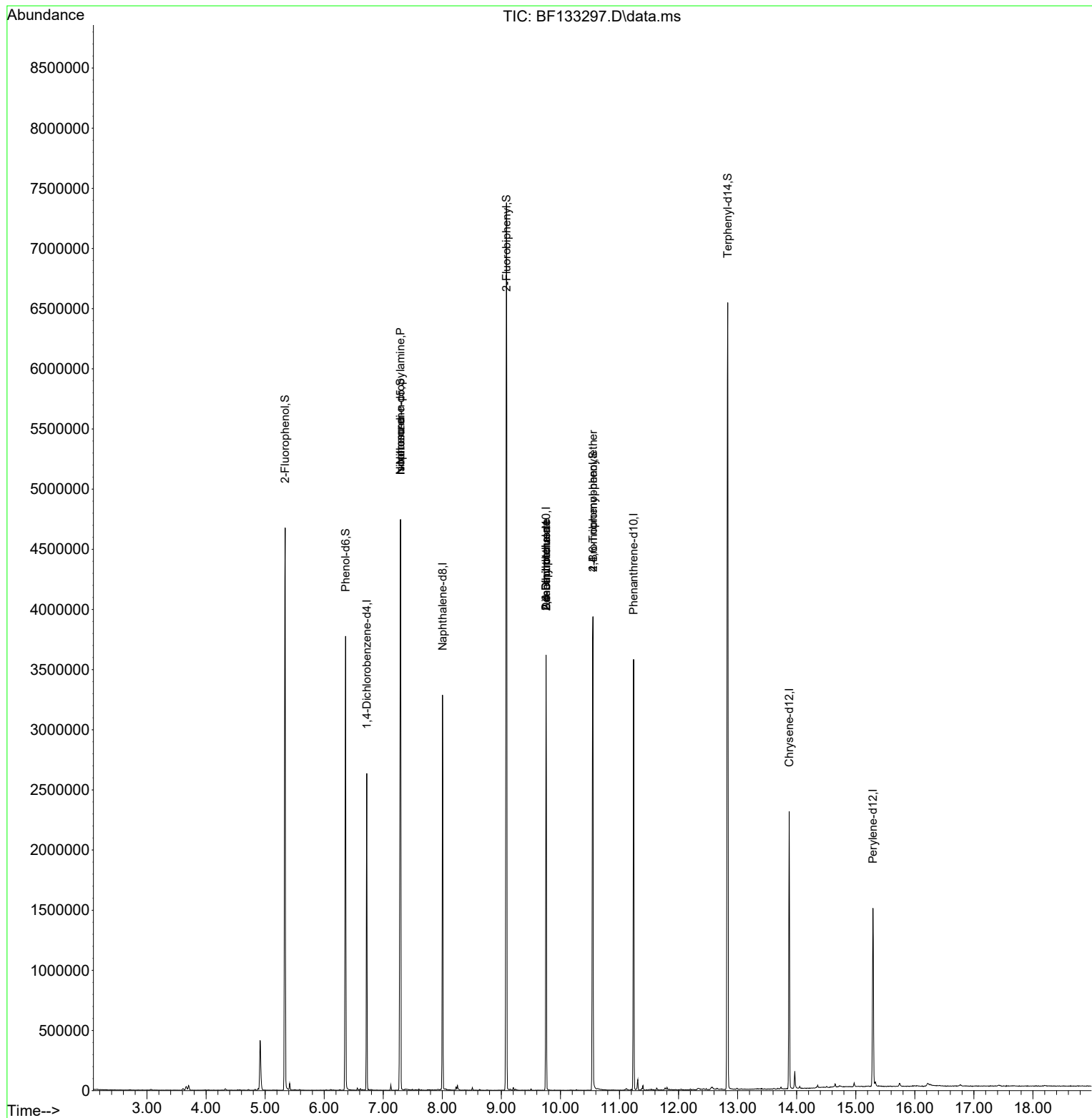
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	344226	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1355944	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	694895	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1218061	20.000	ng	0.00
76) Chrysene-d12	13.874	240	683485	20.000	ng	0.00
86) Perylene-d12	15.292	264	632678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1456197	63.904	ng	0.01
7) Phenol-d6	6.363	99	1246983	44.088	ng	0.00
23) Nitrobenzene-d5	7.292	82	1814724	72.240	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	565418	80.907	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2739100	65.945	ng	0.00
79) Terphenyl-d14	12.833	244	2952192	74.494	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	652	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.292	70	242722	13.785	ng	# 76
25) Isophorone	7.292	82	1814707	38.047	ng	# 63
50) Dimethylphthalate	9.757	163	138285	2.854	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	91370	8.378	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	91370	6.570	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	36384	2.754	ng	# 1

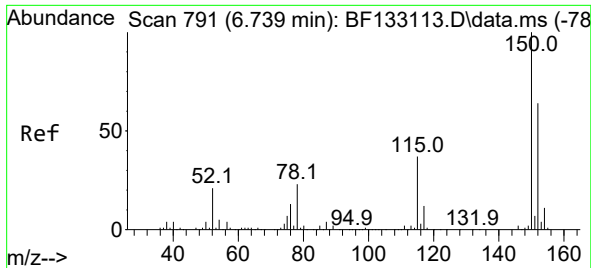
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 09 05:06:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

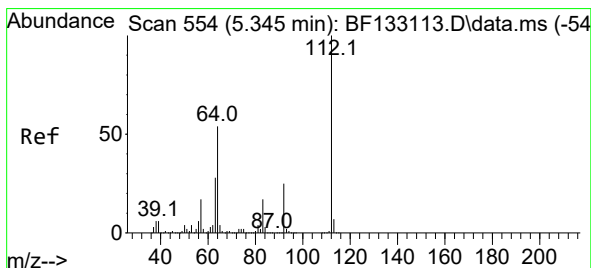
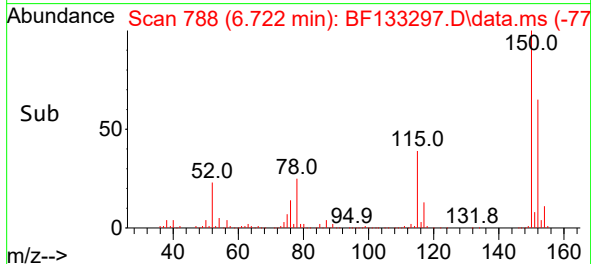
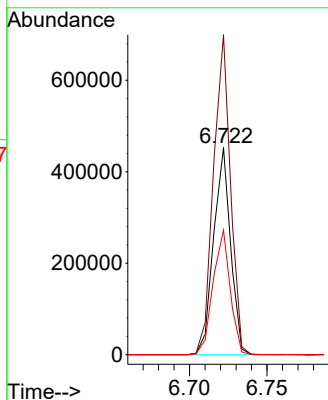
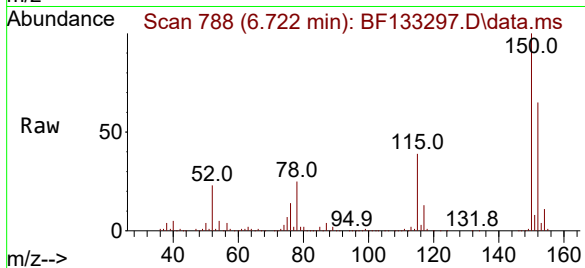




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

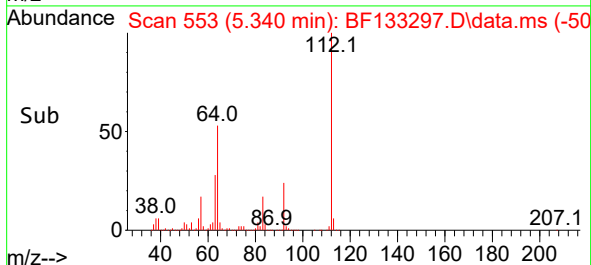
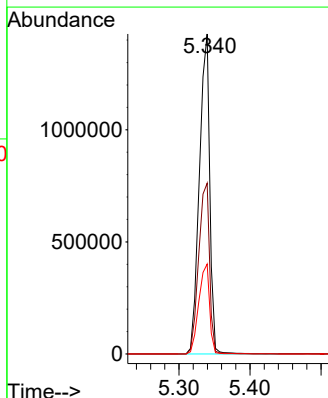
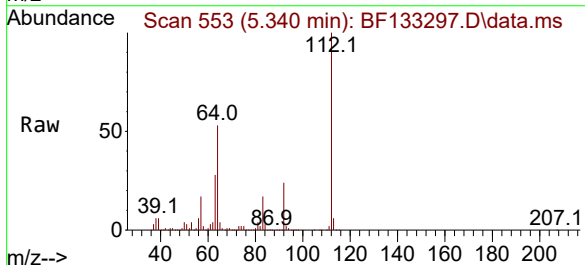
Instrument :
BNA_F
ClientSampleId :
EB-2023-29-04

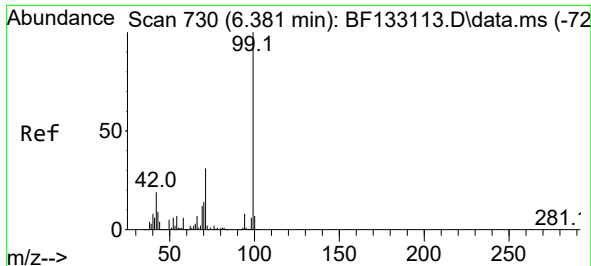
Tgt Ion:152 Resp: 344226
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 63.904 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion:112 Resp: 1456197
Ion Ratio Lower Upper
112 100
64 53.4 46.8 70.2
63 28.1 23.8 35.8

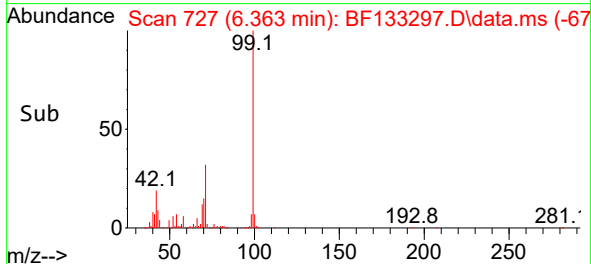
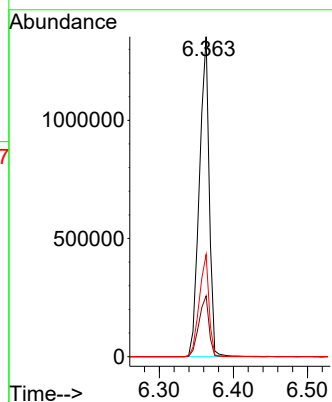
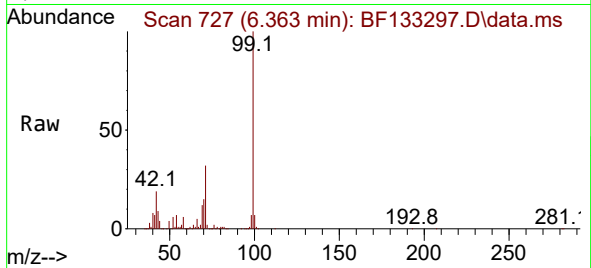




#7
Phenol-d6
Concen: 44.088 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

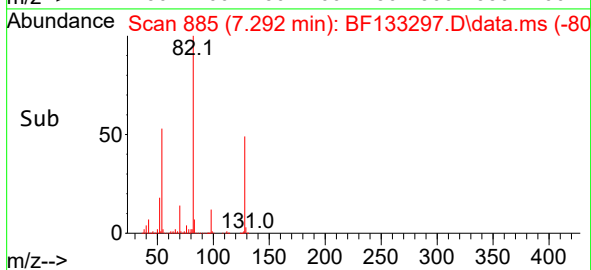
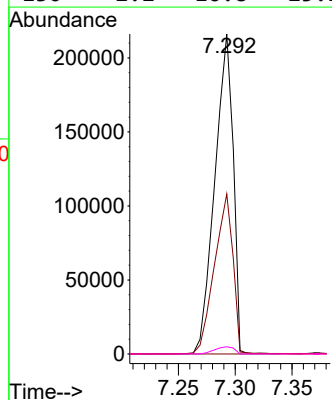
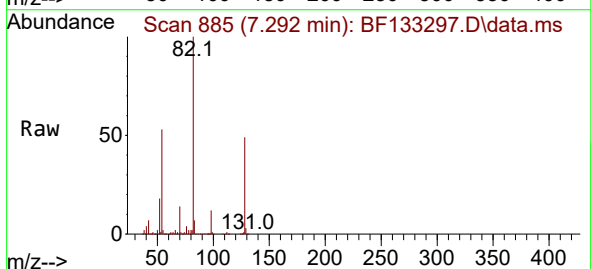
Instrument :
BNA_F
ClientSampleId :
EB-2023-29-04

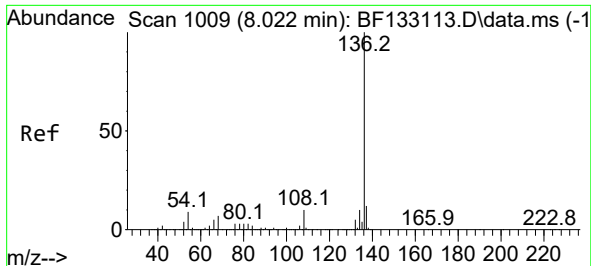
Tgt Ion: 99 Resp: 1246983
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.785 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion: 70 Resp: 242722
Ion Ratio Lower Upper
70 100
42 50.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

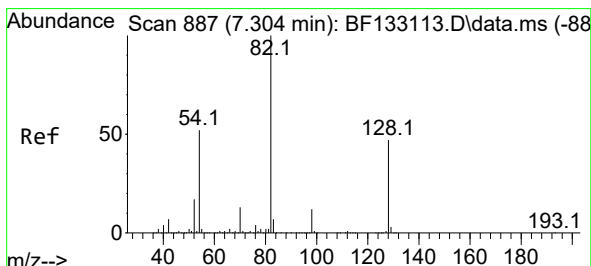
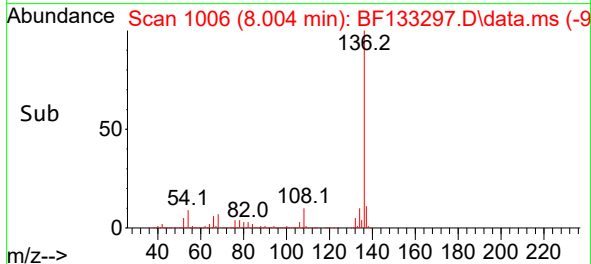
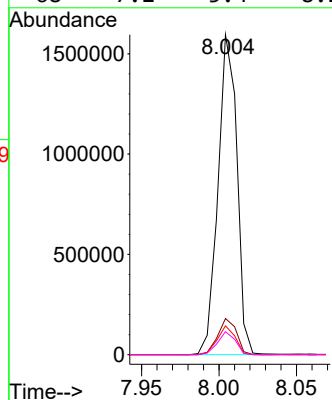
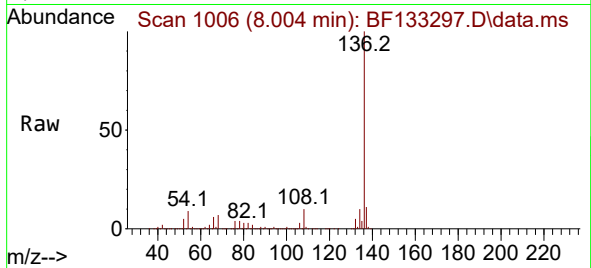




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

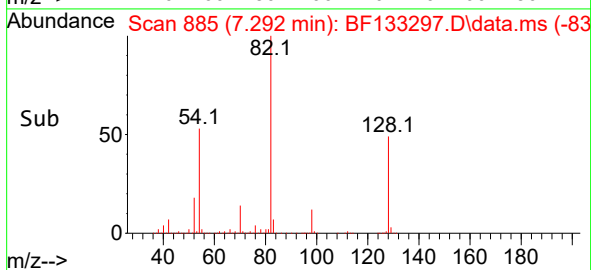
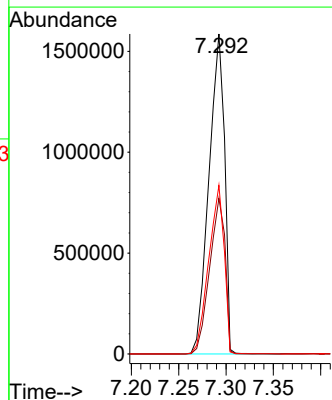
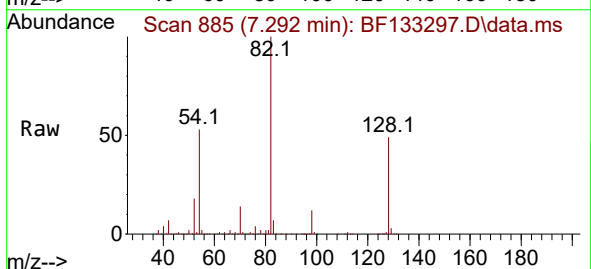
Instrument :
BNA_F
ClientSampleId :
EB-2023-29-04

Tgt Ion:136 Resp: 1355944
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.0 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 72.240 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion: 82 Resp: 1814724
Ion Ratio Lower Upper
82 100
128 48.6 37.7 56.5
54 52.7 43.0 64.4

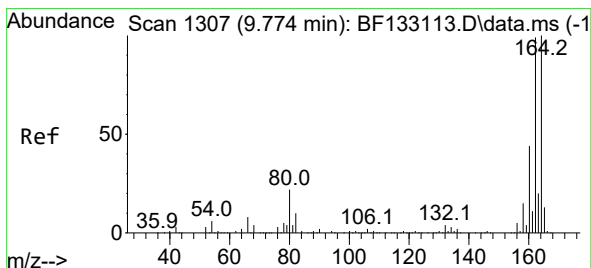
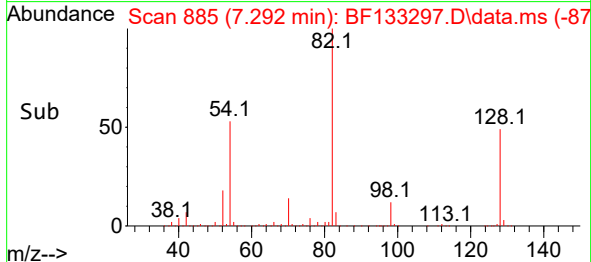
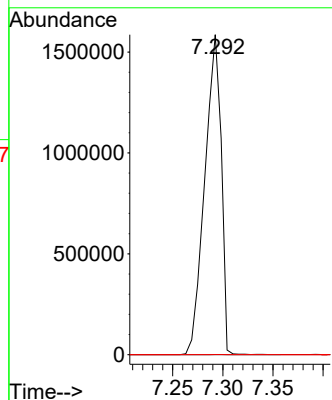
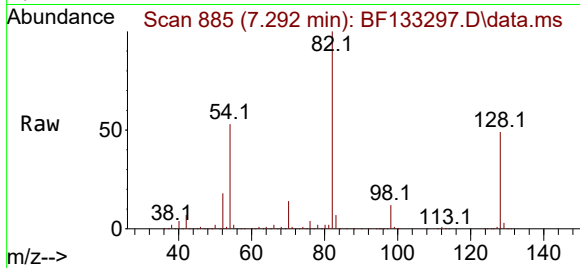




#25
Isophorone
Concen: 38.047 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

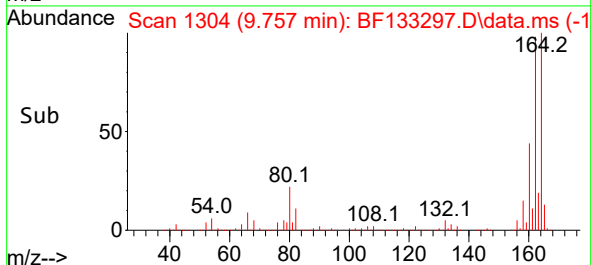
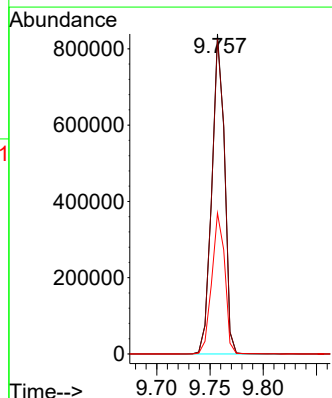
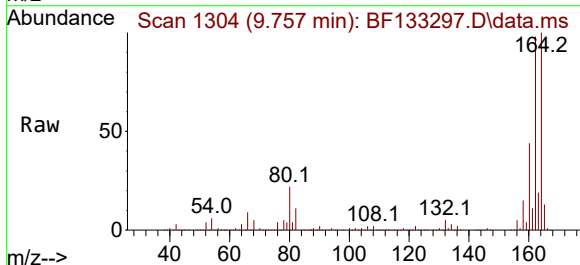
Instrument :
BNA_F
ClientSampleId :
EB-2023-29-04

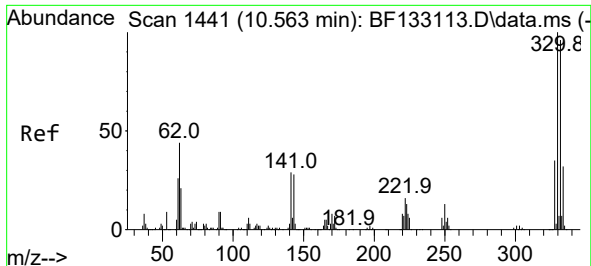
Tgt Ion: 82 Resp: 1814707
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion:164 Resp: 694895
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 80.907 ng

RT: 10.551 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133297.D

Acq: 08 May 2023 16:24

Instrument :

BNA_F

ClientSampleId :

EB-2023-29-04

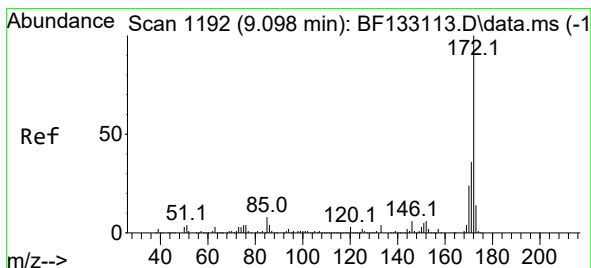
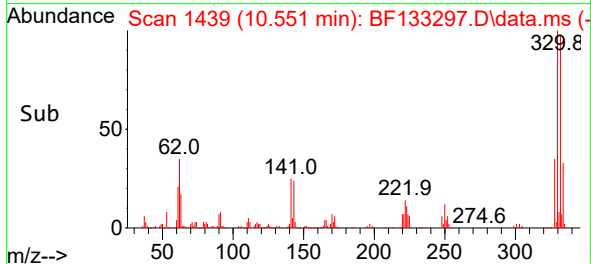
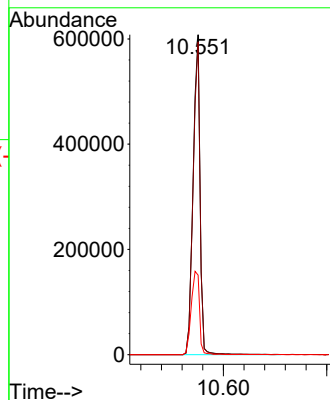
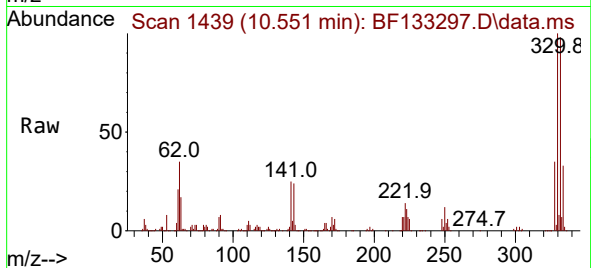
Tgt Ion:330 Resp: 565418

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 30.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.945 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133297.D

Acq: 08 May 2023 16:24

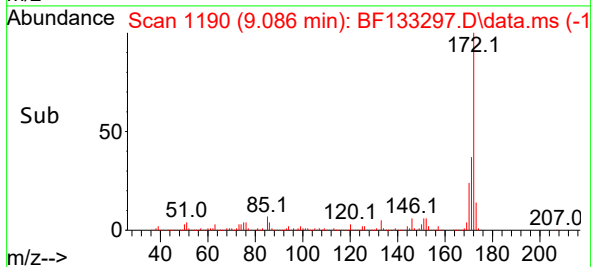
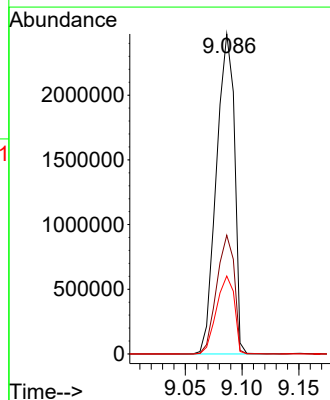
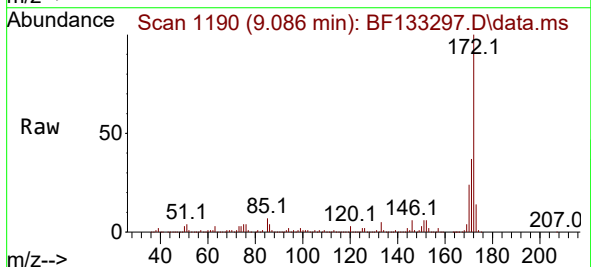
Tgt Ion:172 Resp: 2739100

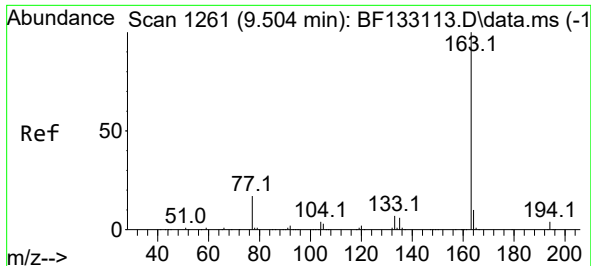
Ion Ratio Lower Upper

172 100

171 37.1 28.8 43.2

170 24.4 19.4 29.2

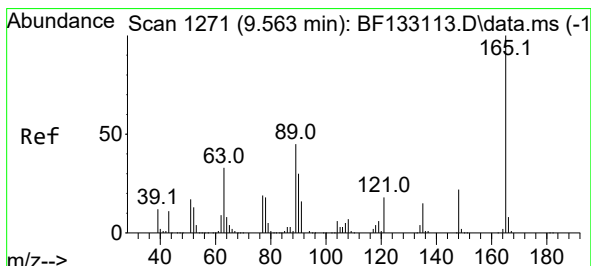
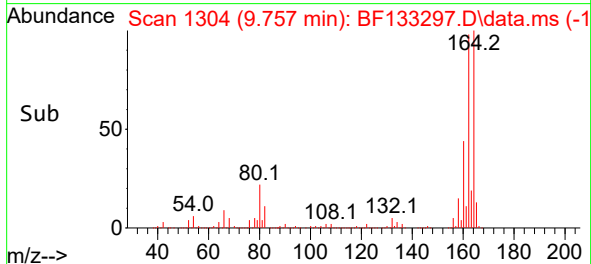
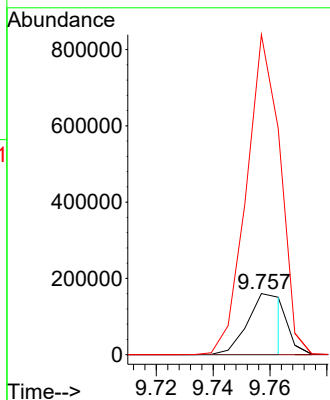
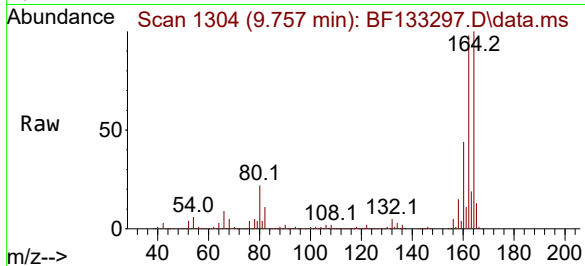




#50
Dimethylphthalate
Concen: 2.854 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

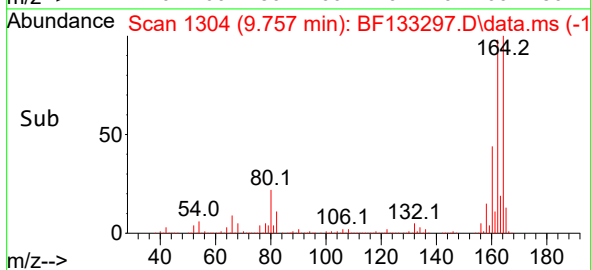
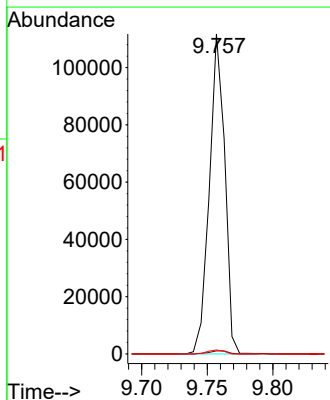
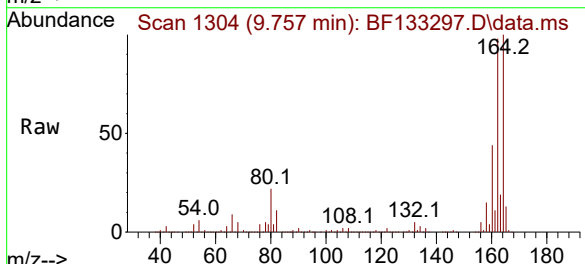
Instrument :
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EB-2023-29-04

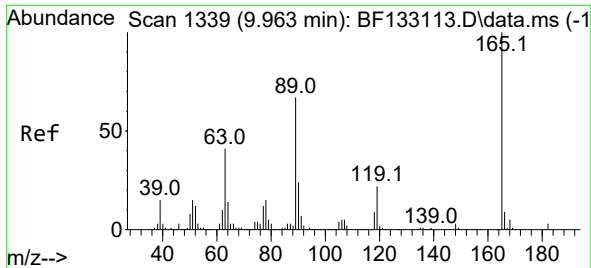
Tgt Ion:163 Resp: 138285
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 523.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.378 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion:165 Resp: 91370
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.2 44.0 66.0#

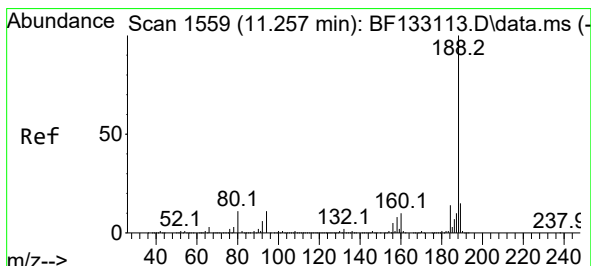
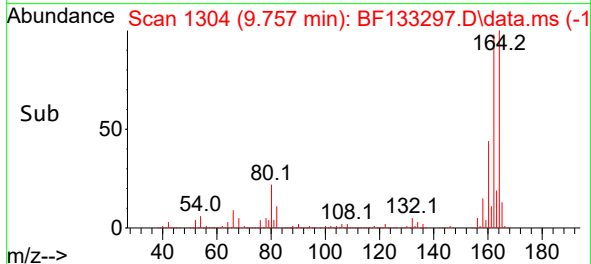
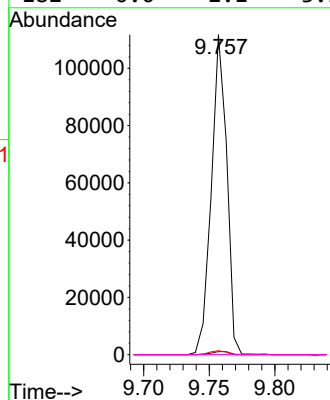
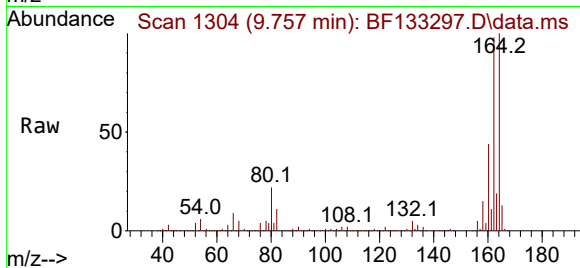




#57
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

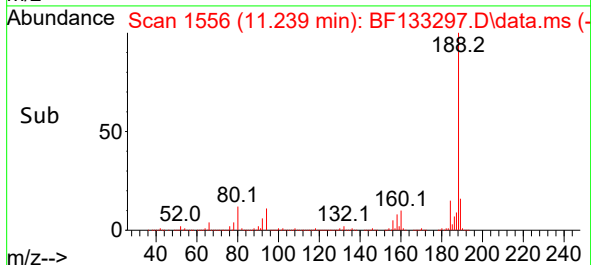
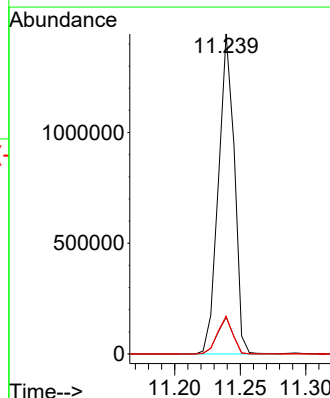
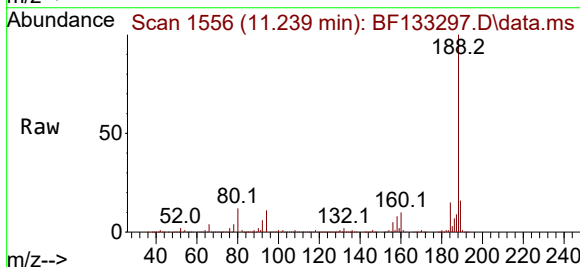
Instrument :
BNA_F
ClientSampleId :
EB-2023-29-04

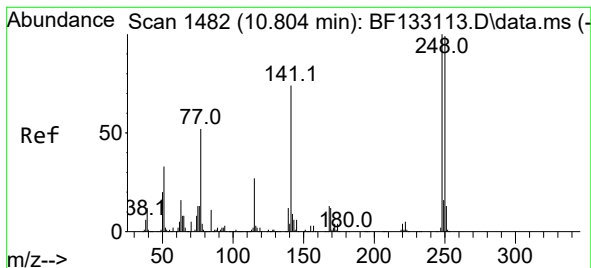
Tgt Ion:165 Resp: 91370
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion:188 Resp: 1218061
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 11.8 10.4 15.6

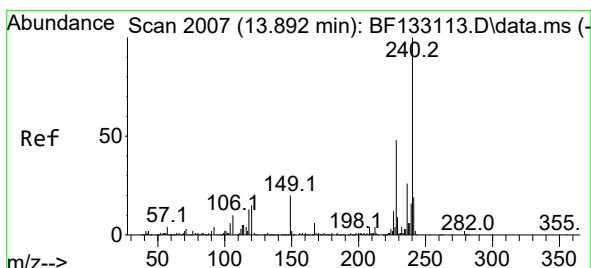
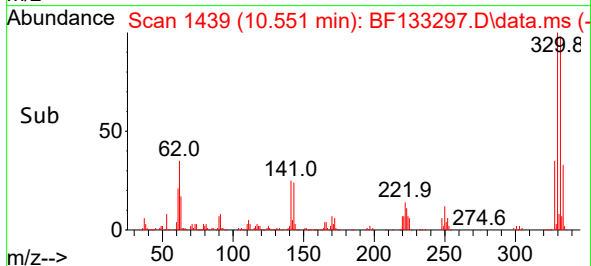
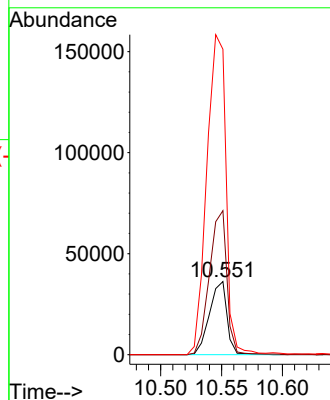
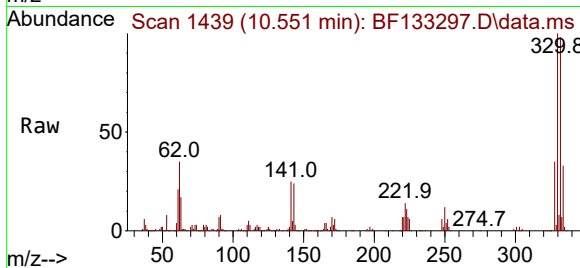




#67
4-Bromophenyl-phenylether
Concen: 2.754 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

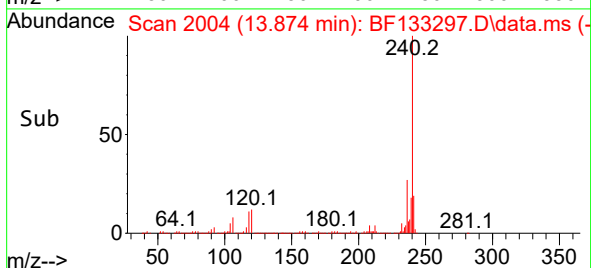
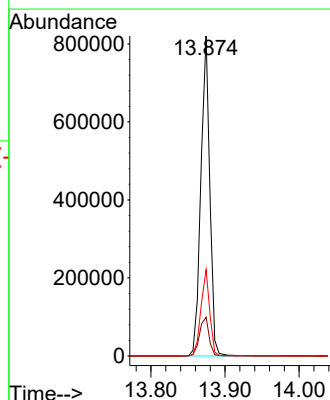
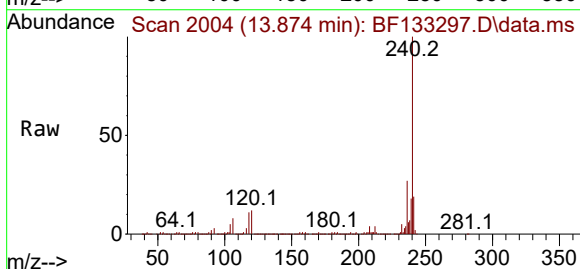
Instrument :
BNA_F
ClientSampleId :
EB-2023-29-04

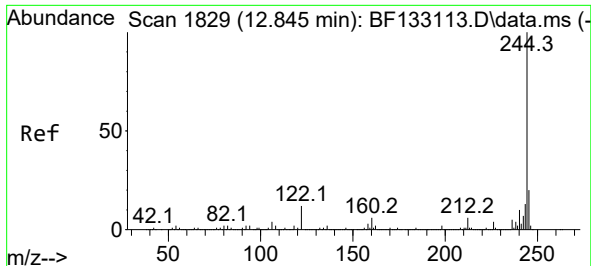
Tgt Ion:248 Resp: 36384
Ion Ratio Lower Upper
248 100
250 196.9 78.7 118.1#
141 417.6 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133297.D
Acq: 08 May 2023 16:24

Tgt Ion:240 Resp: 683485
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 27.0 21.5 32.3

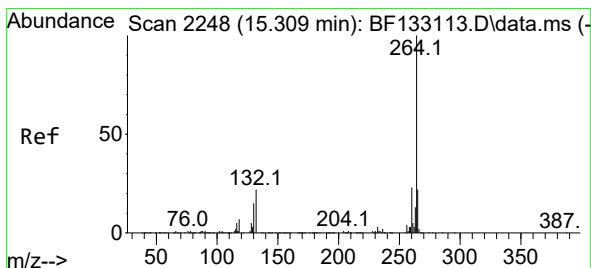
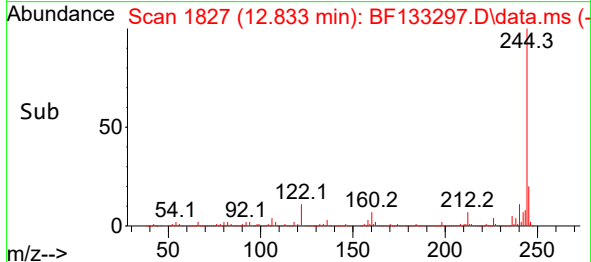
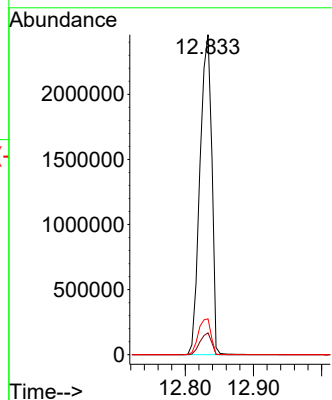
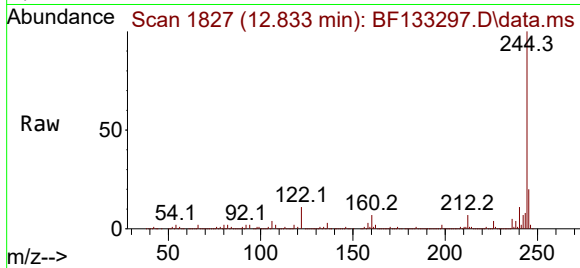




#79
 Terphenyl-d14
 Concen: 74.494 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133297.D
 Acq: 08 May 2023 16:24

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-29-04

Tgt Ion:244 Resp: 2952192
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133297.D
 Acq: 08 May 2023 16:24

Tgt Ion:264 Resp: 632678
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.3 17.0 25.4

