

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133352.D
 Acq On : 11 May 2023 13:44
 Operator : CG\JU
 Sample : PB152724BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BL

Quant Time: May 11 15:30:04 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)

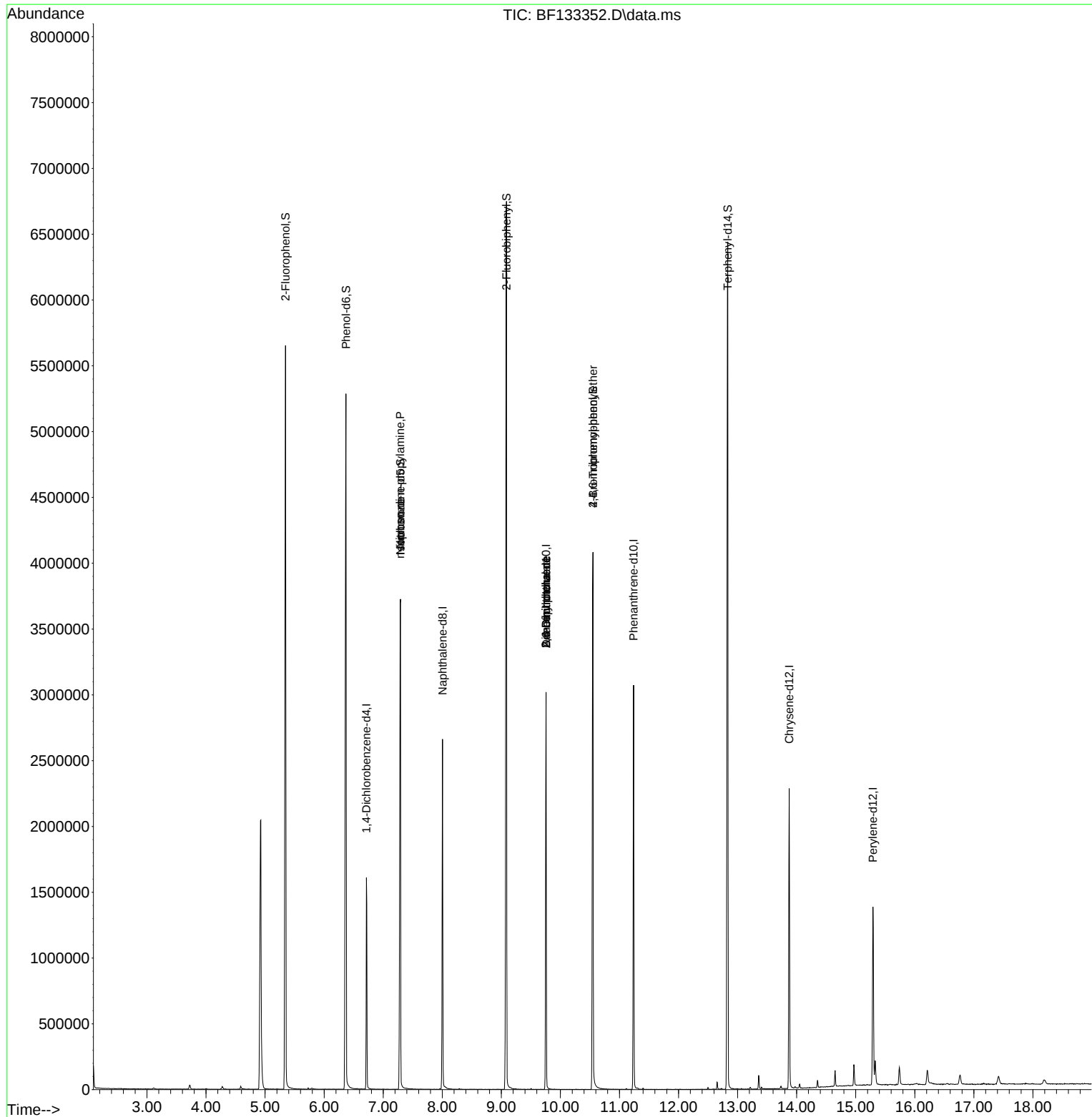
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	234022	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1115364	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	587889	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1057670	20.000	ng	0.00
76) Chrysene-d12	13.874	240	730633	20.000	ng	0.00
86) Perylene-d12	15.292	264	610113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1854216	119.689	ng	0.02
7) Phenol-d6	6.369	99	2208264	114.842	ng	0.00
23) Nitrobenzene-d5	7.293	82	1434985	69.445	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	606200	102.531	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2485158	70.722	ng	0.00
79) Terphenyl-d14	12.833	244	2766598	65.306	ng	0.00
Target Compounds						
9) Benzaldehyde	6.369	77	2959	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	192508	16.081	ng	# 76
25) Isophorone	7.293	82	1427261	36.379	ng	# 63
50) Dimethylphthalate	9.757	163	118069	2.880	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	75447	8.177	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	75447	6.412	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	39252	3.422	ng	# 1

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

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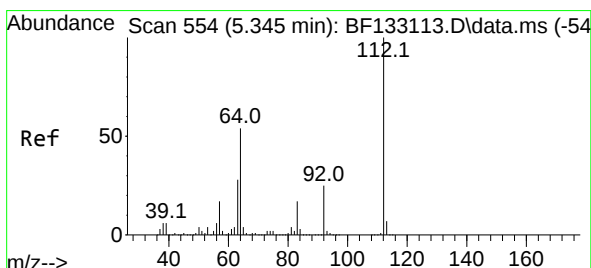
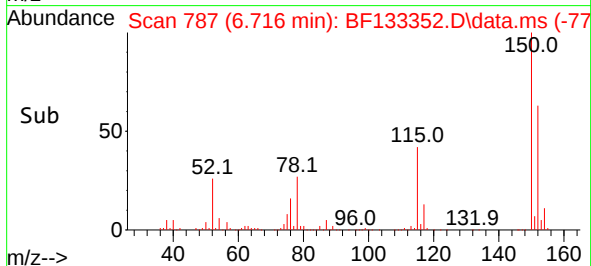
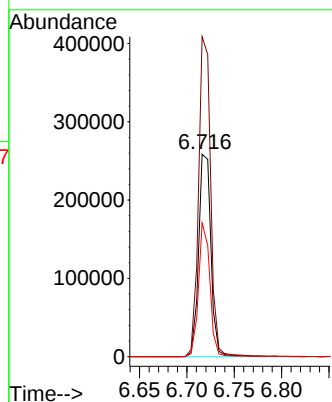
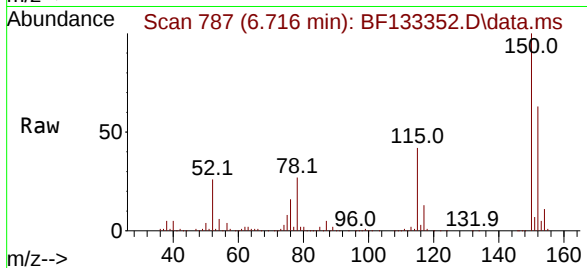




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133352.D
 Acq: 11 May 2023 13:44

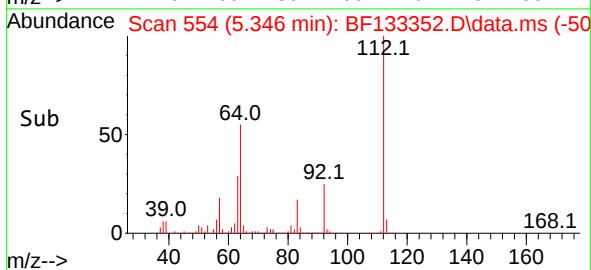
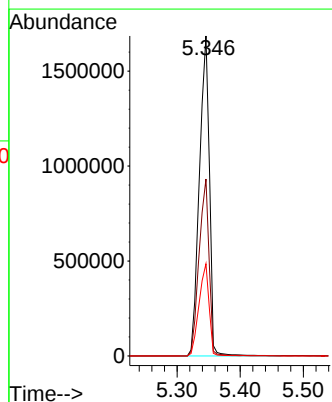
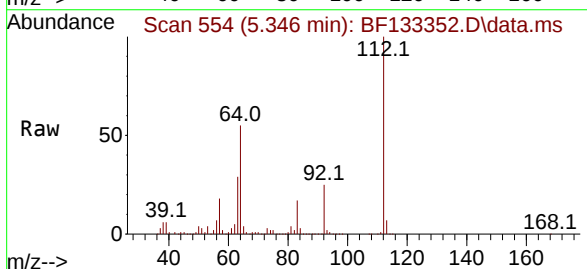
Instrument :
 BNA_F
 ClientSampleId :
 PB152724BL

Tgt Ion:152 Resp: 234022
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 66.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 119.689 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133352.D
 Acq: 11 May 2023 13:44

Tgt Ion:112 Resp: 1854216
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.8 23.8 35.8

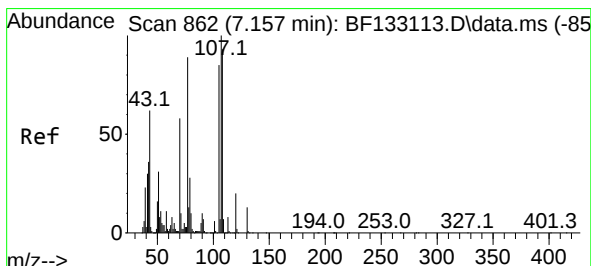
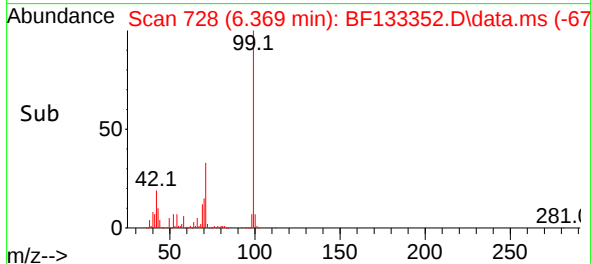
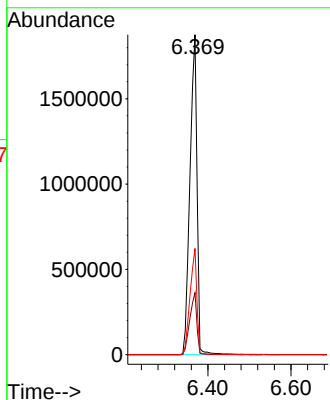
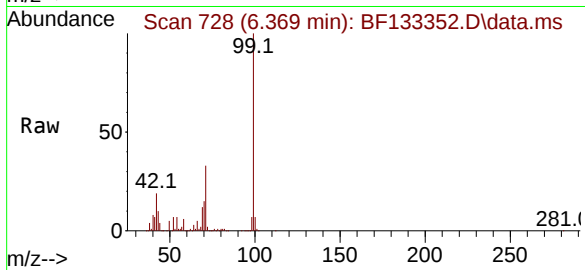




#7
Phenol-d6
Concen: 114.842 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

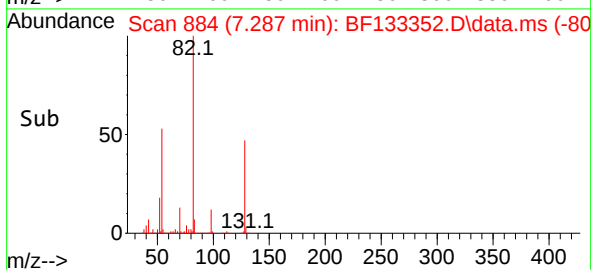
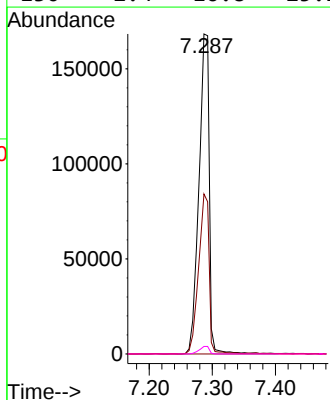
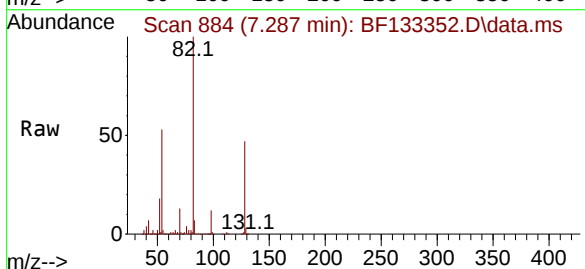
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ClientSampleId :
PB152724BL

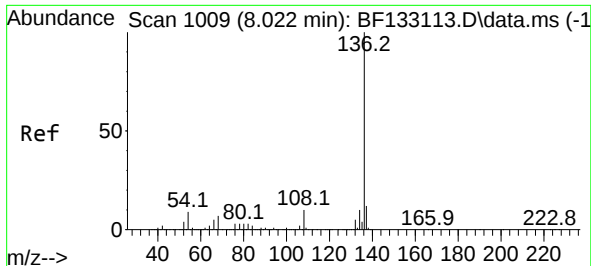
Tgt Ion: 99 Resp: 2208264
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 33.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.081 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion: 70 Resp: 192508
Ion Ratio Lower Upper
70 100
42 50.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

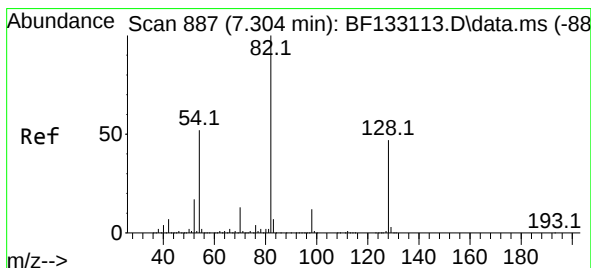
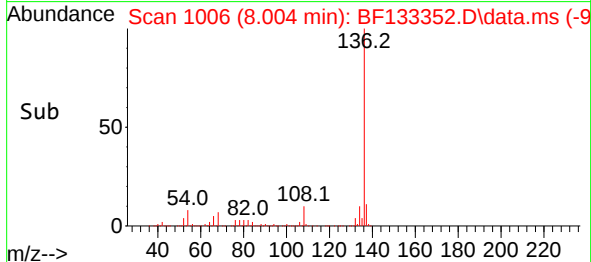
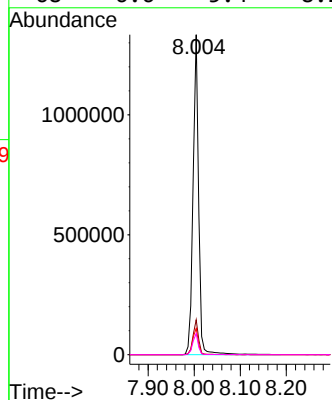
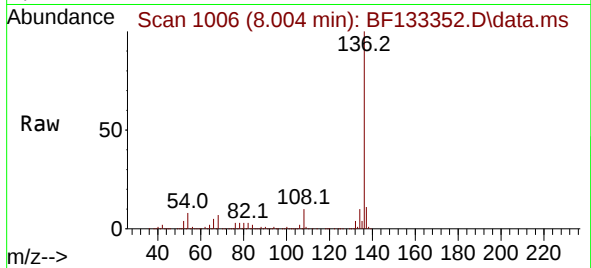




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

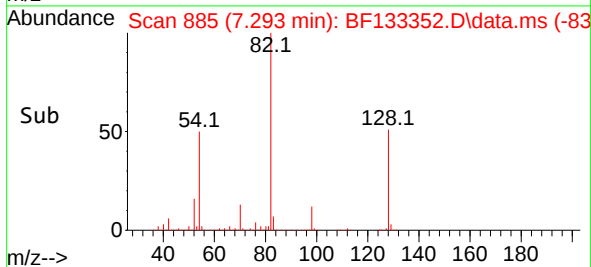
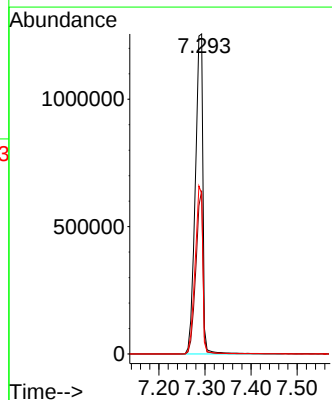
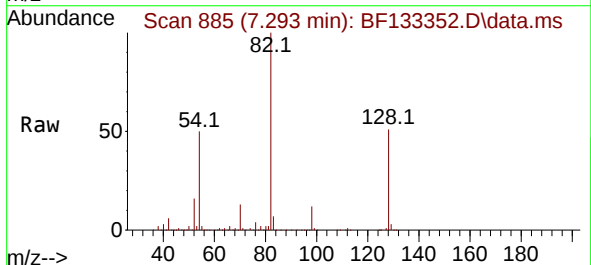
Instrument :
BNA_F
ClientSampleId :
PB152724BL

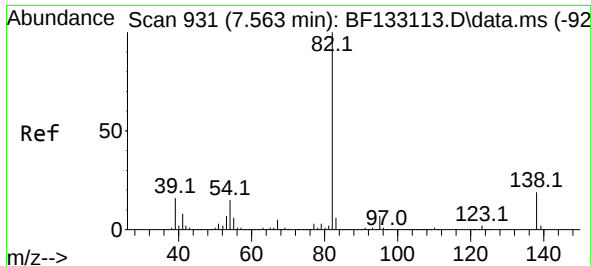
Tgt Ion:136 Resp: 1115364
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 69.445 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion: 82 Resp: 1434985
Ion Ratio Lower Upper
82 100
128 51.0 37.7 56.5
54 50.1 43.0 64.4

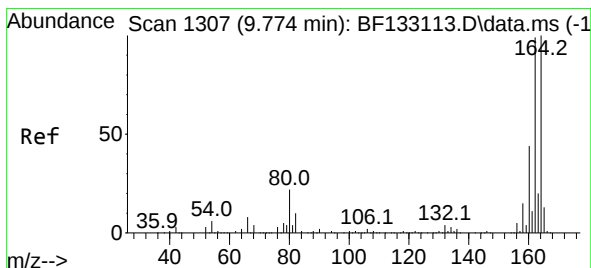
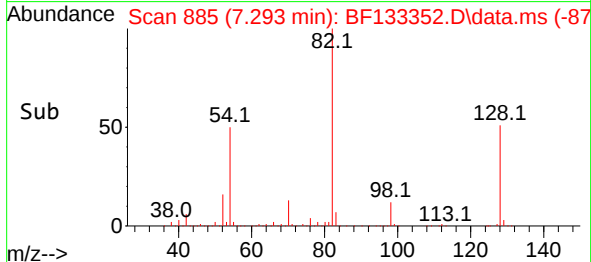
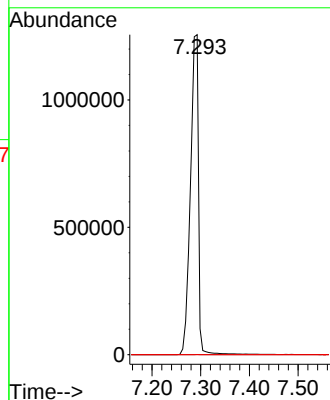
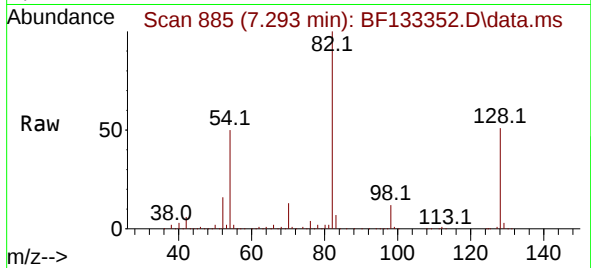




#25
Isophorone
Concen: 36.379 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

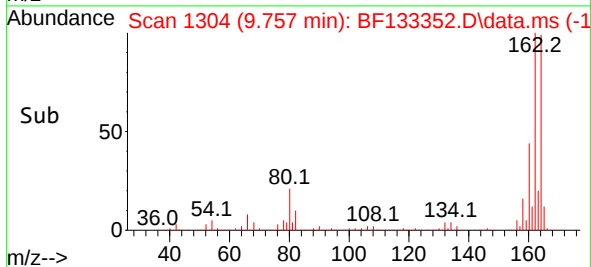
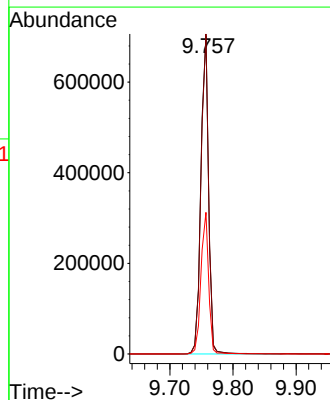
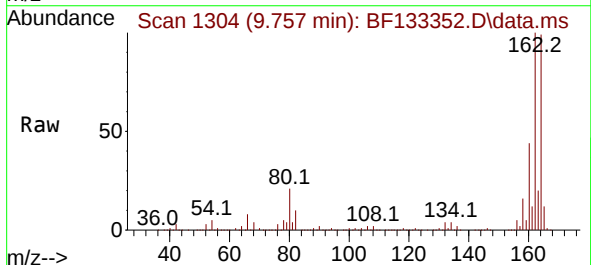
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BNA_F
ClientSampleId :
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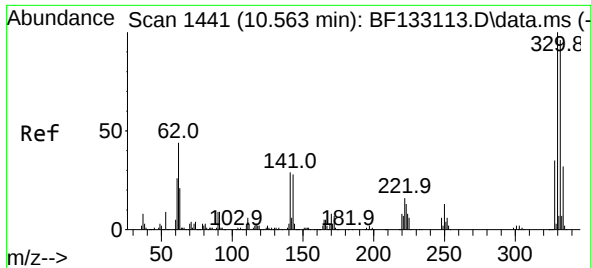
Tgt Ion: 82 Resp: 1427261
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

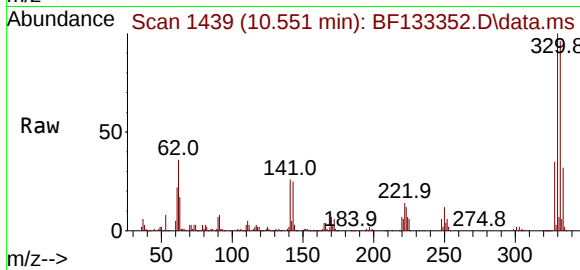
Tgt Ion: 164 Resp: 587889
Ion Ratio Lower Upper
164 100
162 100.6 78.7 118.1
160 44.5 35.8 53.6



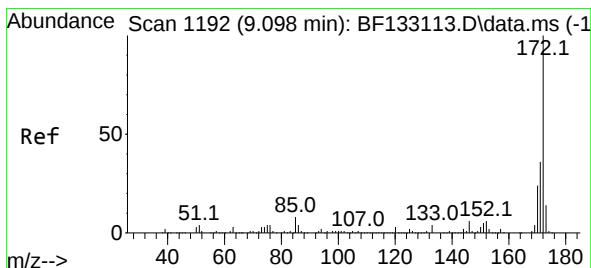
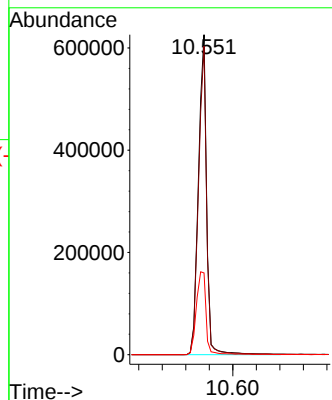
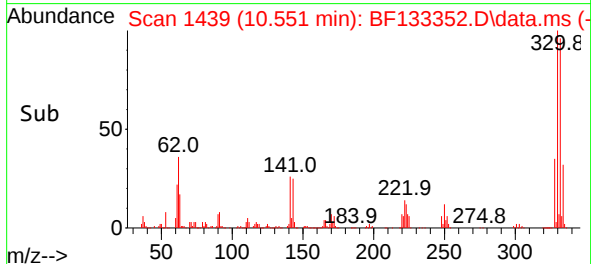


#42
2,4,6-Tribromophenol
Concen: 102.531 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Instrument :
BNA_F
ClientSampleId :
PB152724BL

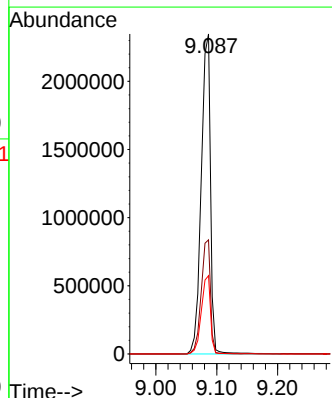
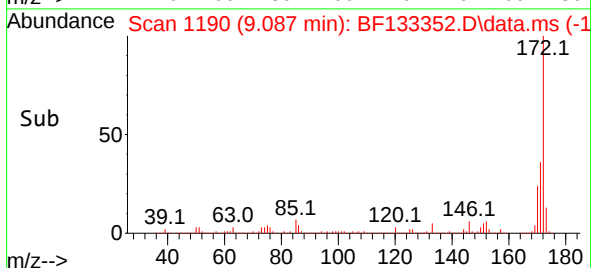
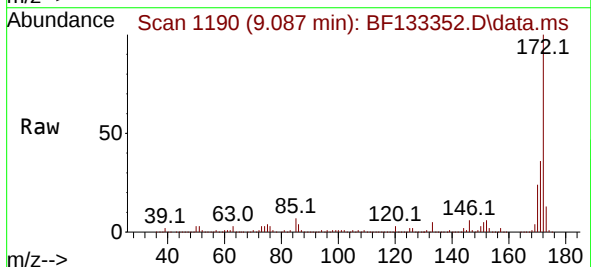


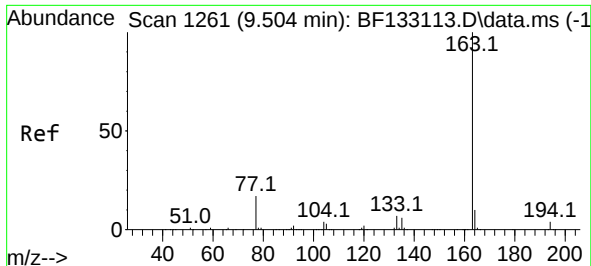
Tgt Ion:330 Resp: 606200
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 30.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 70.722 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion:172 Resp: 2485158
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.4 29.2

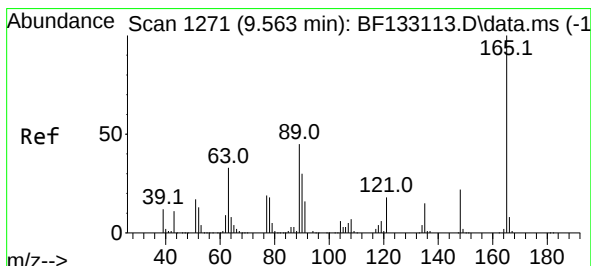
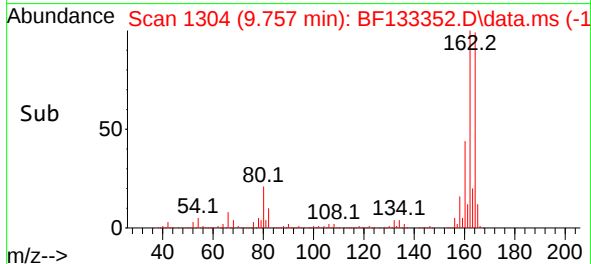
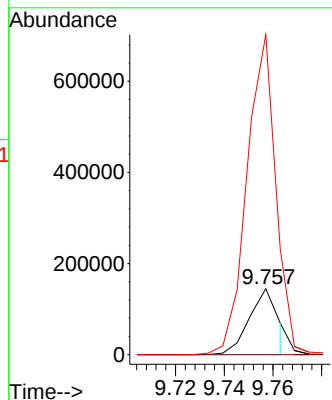
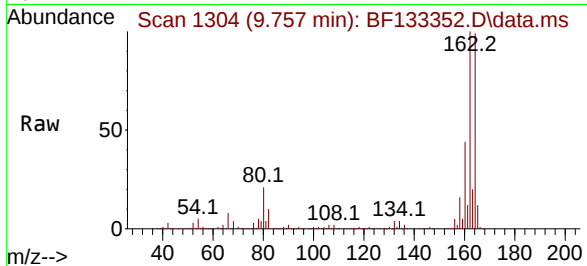




#50
Dimethylphthalate
Concen: 2.880 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

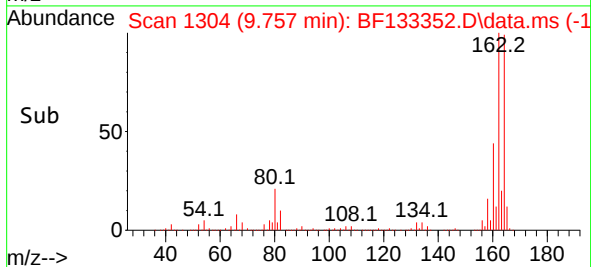
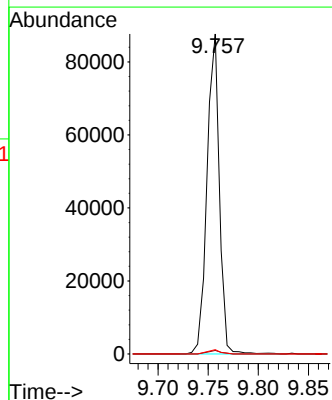
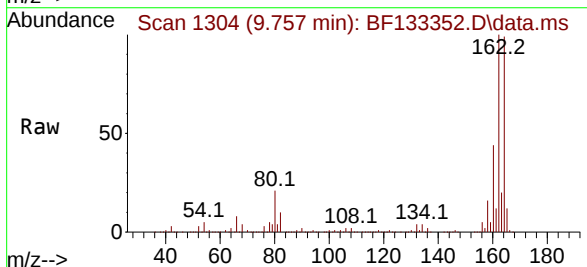
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ClientSampleId :
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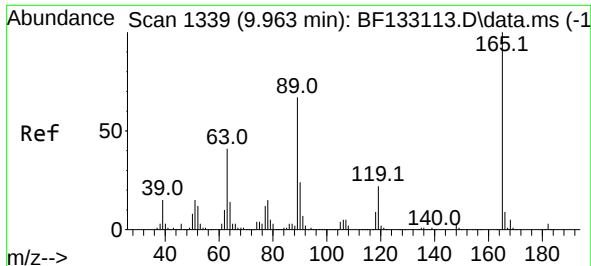
Tgt Ion:163 Resp: 118069
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 485.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.177 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

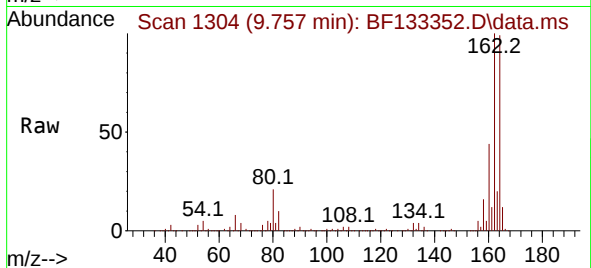
Tgt Ion:165 Resp: 75447
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.4 44.0 66.0#



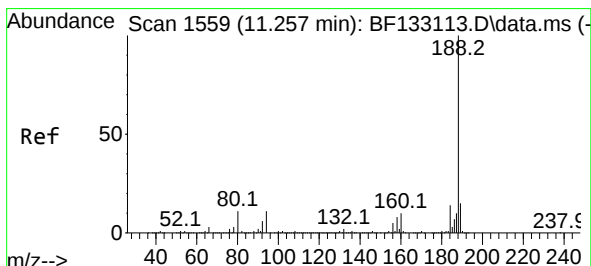
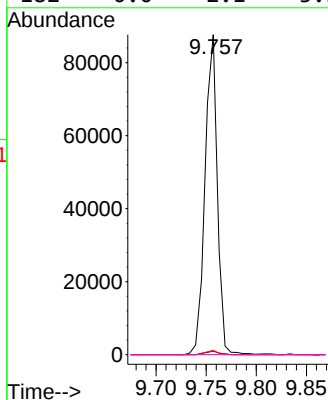
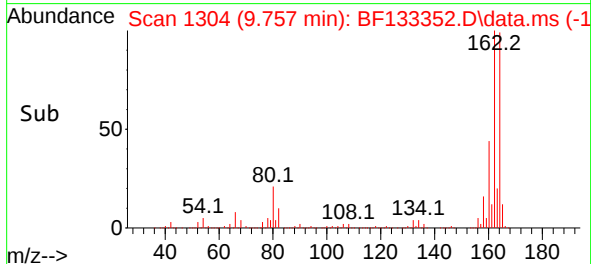


#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Instrument :
BNA_F
ClientSampleId :
PB152724BL

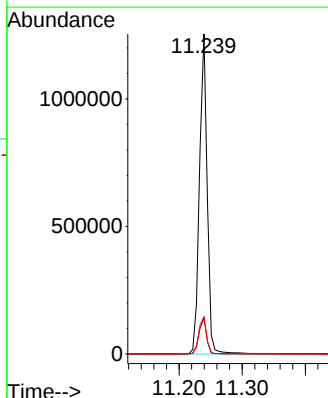
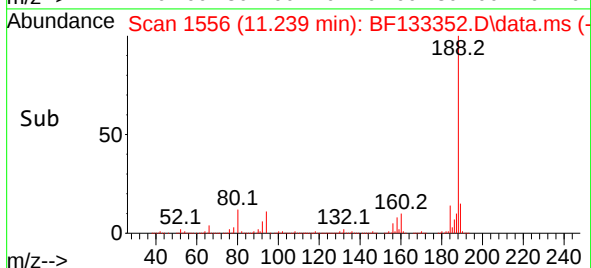
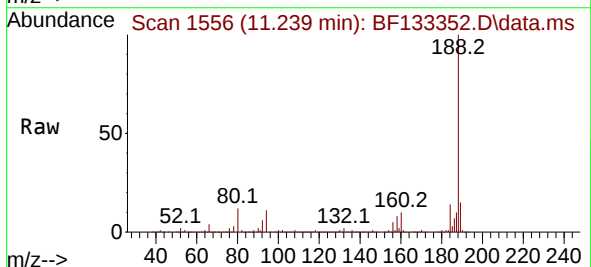


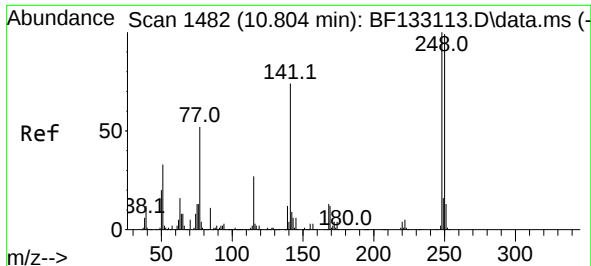
Tgt Ion:165 Resp: 75447
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion:188 Resp: 1057670
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.6 10.4 15.6

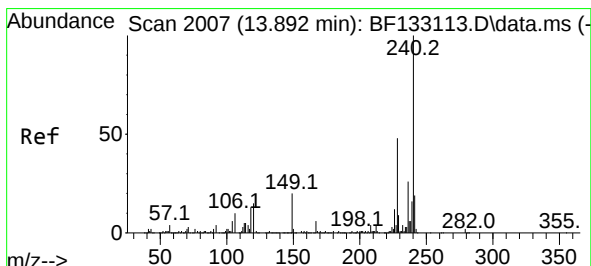
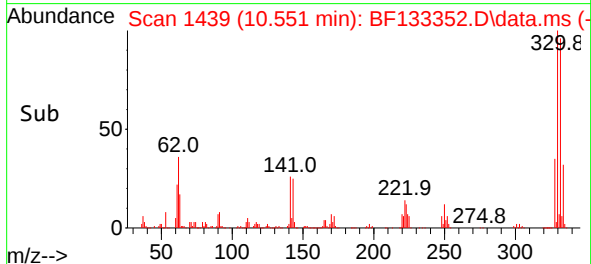
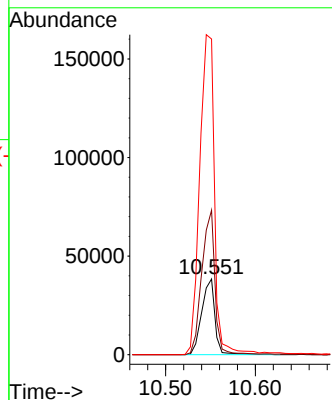
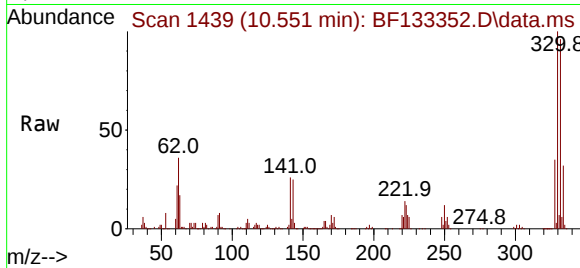




#67
4-Bromophenyl-phenylether
Concen: 3.422 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

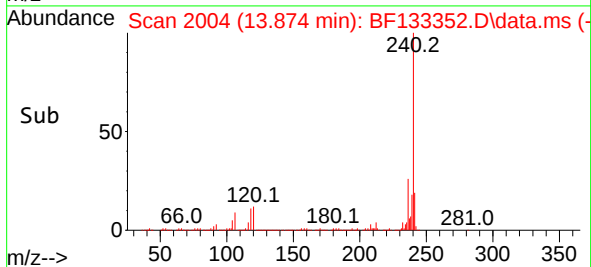
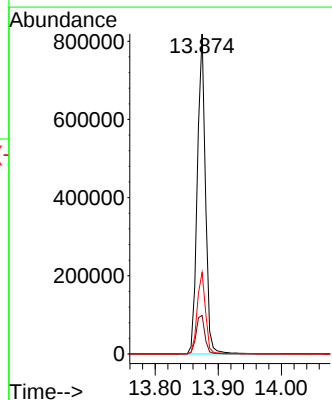
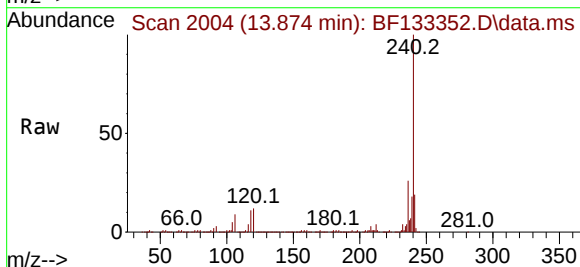
Instrument :
BNA_F
ClientSampleId :
PB152724BL

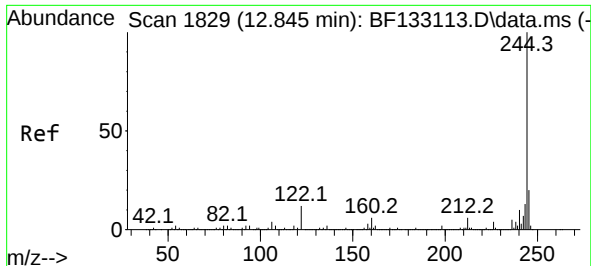
Tgt Ion:248 Resp: 39252
Ion Ratio Lower Upper
248 100
250 190.9 78.7 118.1#
141 416.9 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion:240 Resp: 730633
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 25.5 21.5 32.3

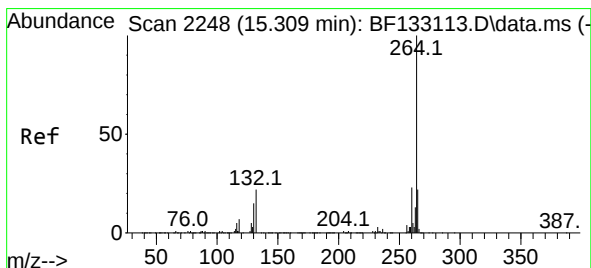
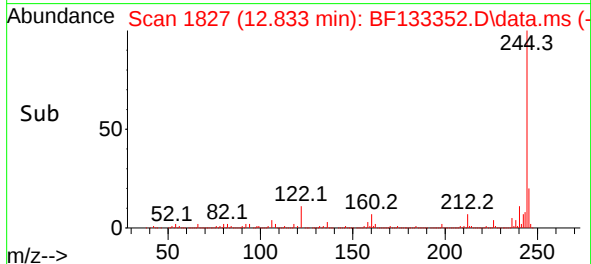
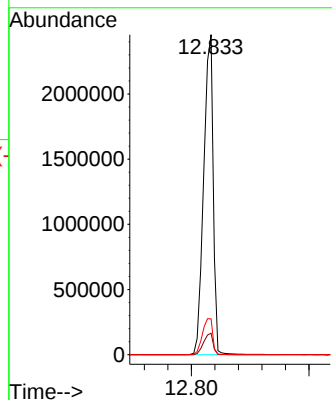
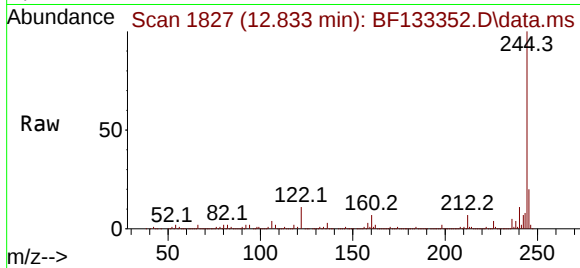




#79
 Terphenyl-d14
 Concen: 65.306 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133352.D
 Acq: 11 May 2023 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BL

Tgt Ion:244 Resp: 2766598
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF133352.D
 Acq: 11 May 2023 13:44

Tgt Ion:264 Resp: 610113
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 22.2 17.0 25.4

