

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133162.D
 Acq On : 01 May 2023 18:37
 Operator : CG\JU
 Sample : 02558-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-0612-01

Quant Time: May 02 05:21:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

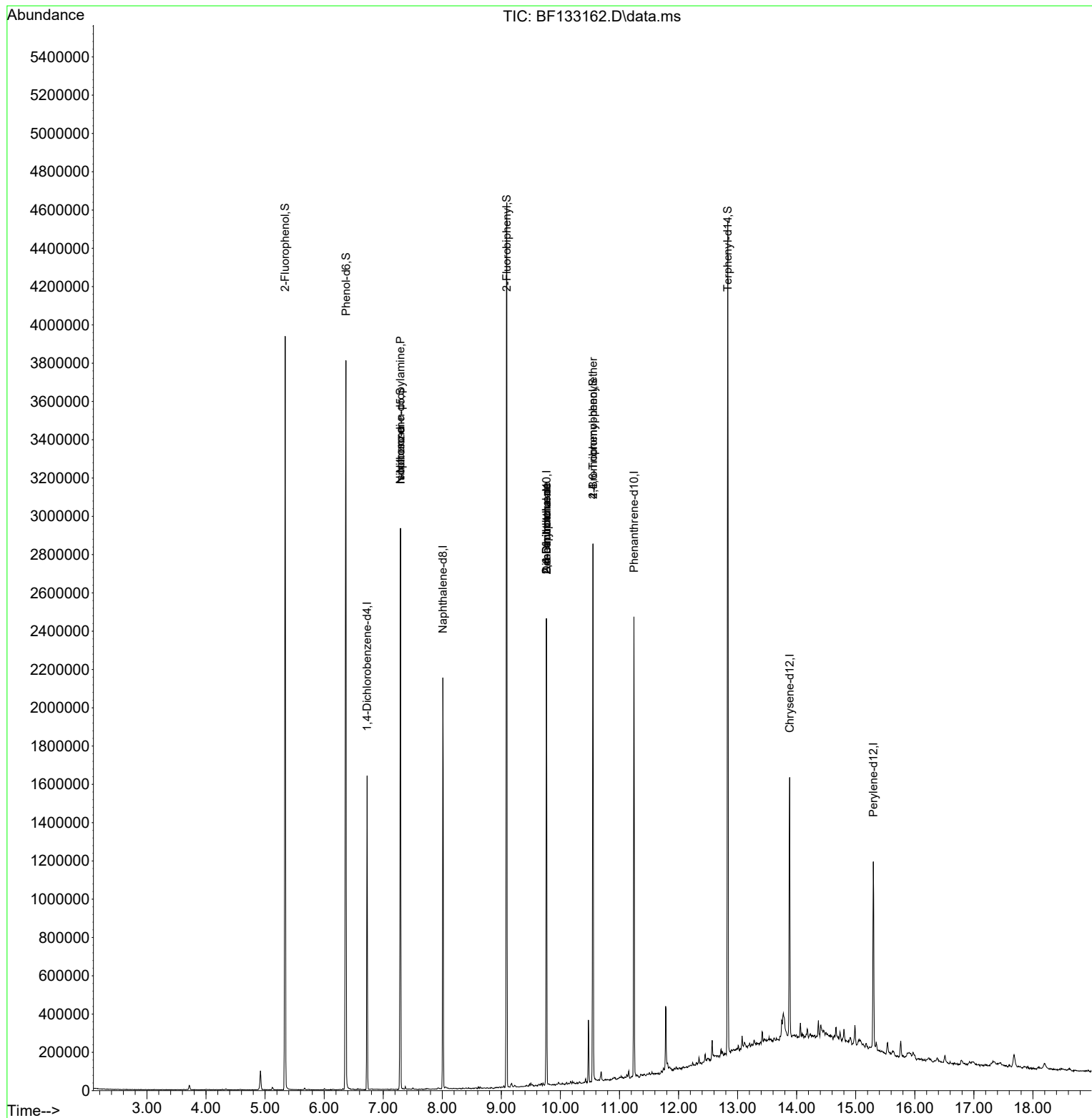
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	207930	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	855132	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	448967	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	798533	20.000	ng	0.00
76) Chrysene-d12	13.880	240	409706	20.000	ng	-0.01
86) Perylene-d12	15.298	264	402477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1081136	78.544	ng	0.00
7) Phenol-d6	6.369	99	1364956	79.893	ng	0.00
23) Nitrobenzene-d5	7.293	82	836353	52.792	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	318557	70.552	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1463868	54.549	ng	0.00
79) Terphenyl-d14	12.833	244	1524494	64.174	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	478	Below Cal	#	61
19) n-Nitroso-di-n-propyla...	7.293	70	110365	10.376	ng	# 79
25) Isophorone	7.293	82	834873	27.755	ng	# 63
50) Dimethylphthalate	9.763	163	88602	2.830	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	59081	8.385	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	59081	6.575	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	20513	2.369	ng	# 1

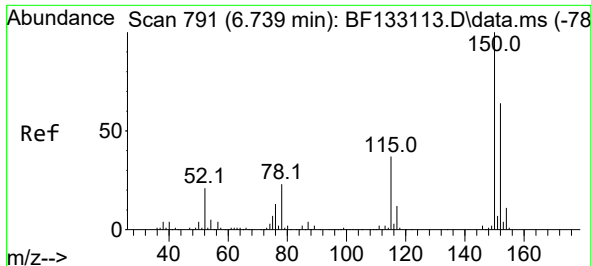
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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P001-SS013-0612-01

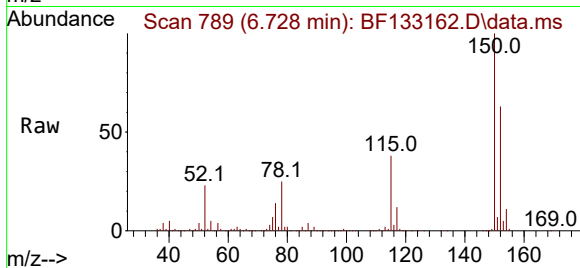
Quant Time: May 02 05:21:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 15:02:31 2023
Response via : Initial Calibration



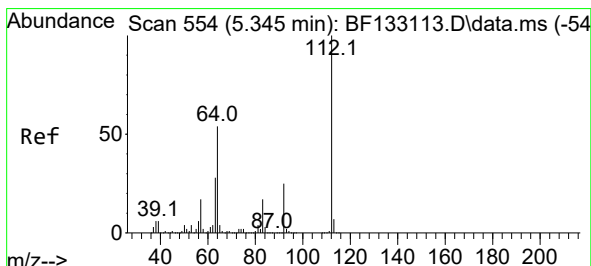
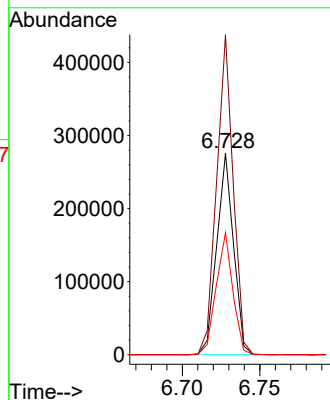
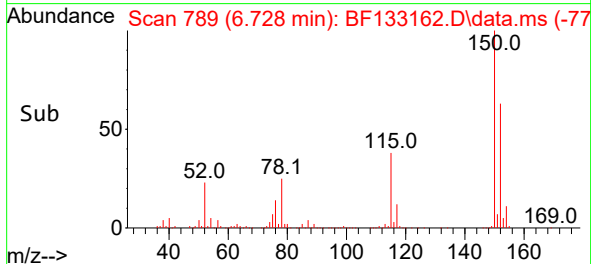


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Instrument :
BNA_F
ClientSampleId :
P001-SS013-0612-01

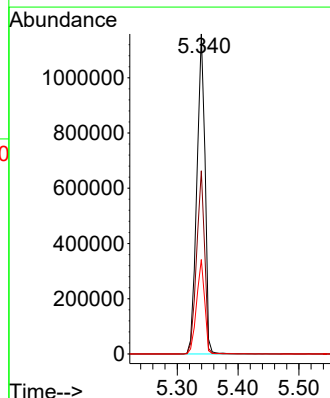
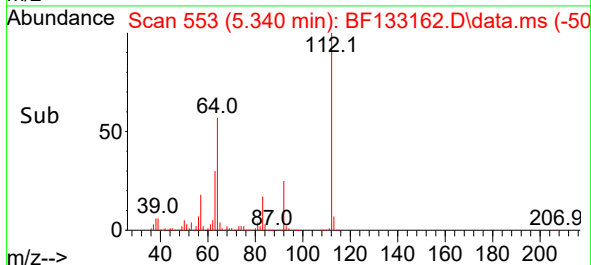
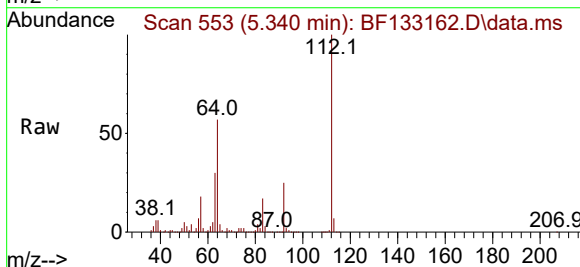


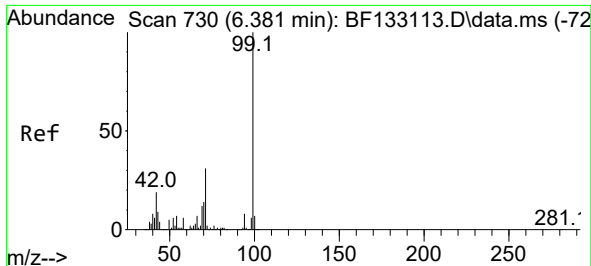
Tgt Ion:152 Resp: 207930
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 78.544 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion:112 Resp: 1081136
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.5 23.8 35.8

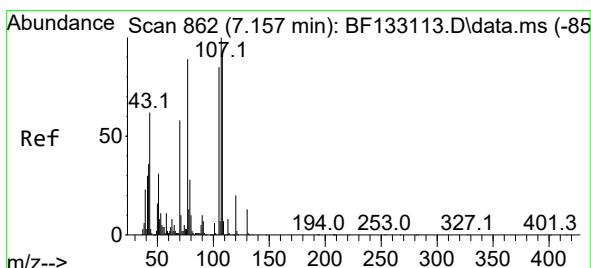
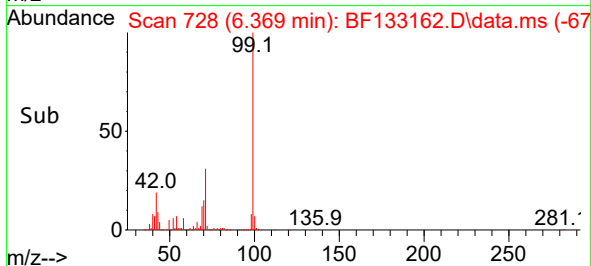
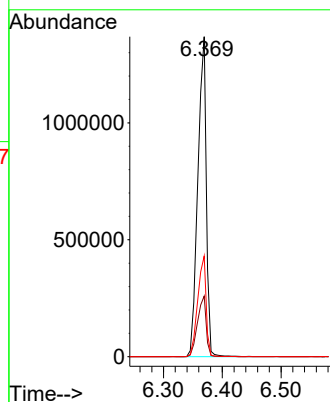
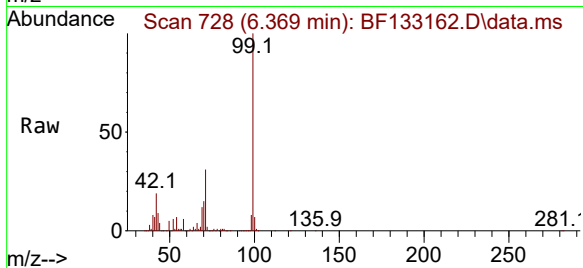




#7
Phenol-d6
Concen: 79.893 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

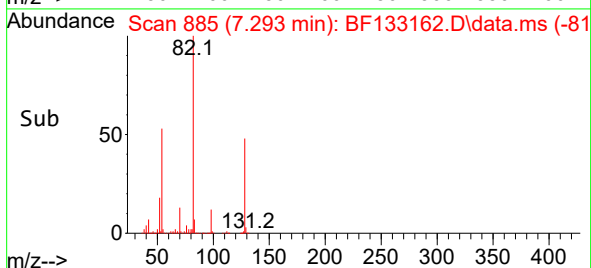
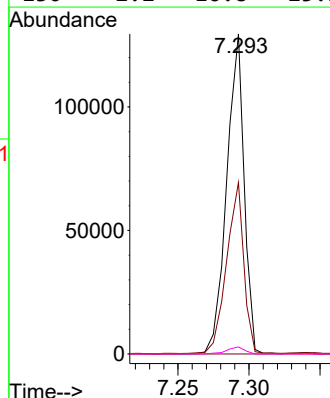
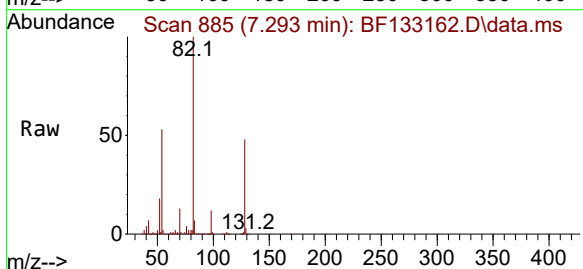
Instrument :
BNA_F
ClientSampleId :
P001-SS013-0612-01

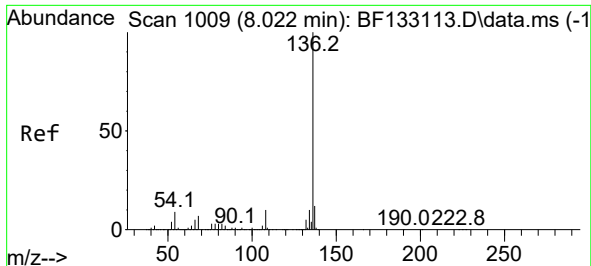
Tgt Ion: 99 Resp: 1364956
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.376 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.136 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion: 70 Resp: 110365
Ion Ratio Lower Upper
70 100
42 53.6 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

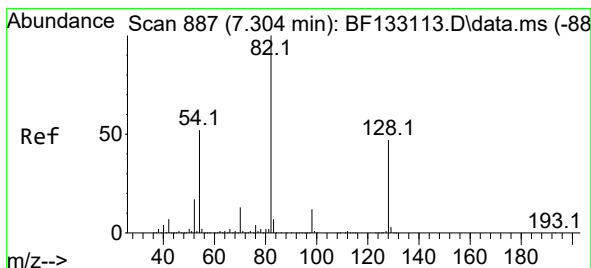
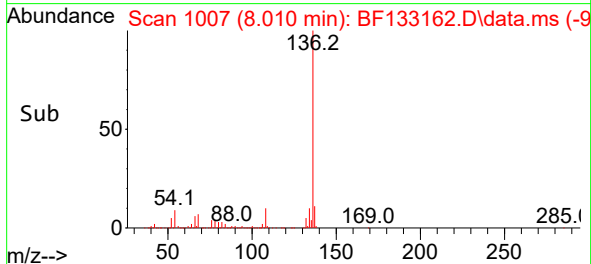
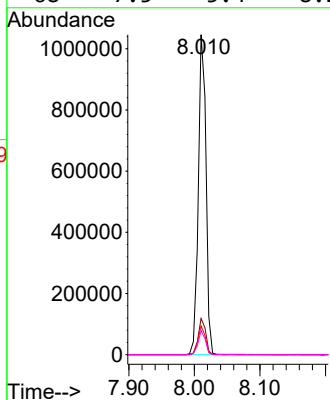
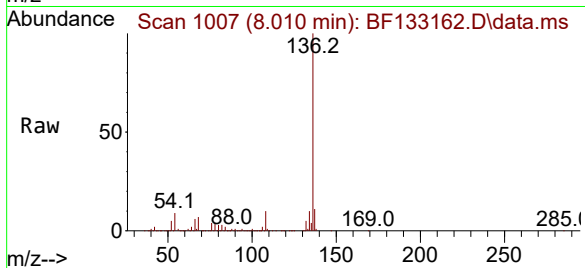




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

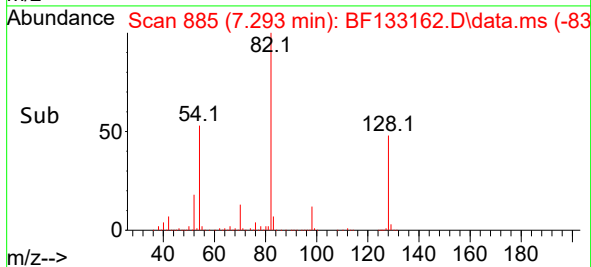
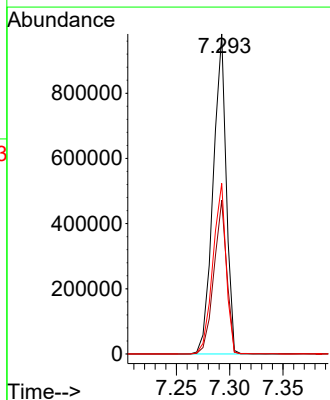
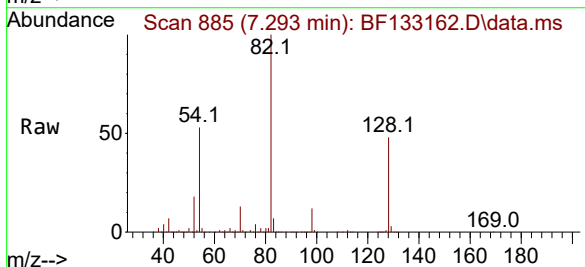
Instrument :
BNA_F
ClientSampleId :
P001-SS013-0612-01

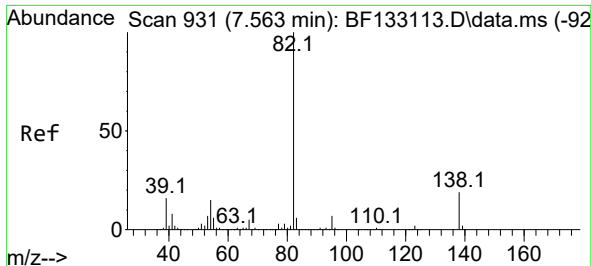
Tgt Ion:136	Resp: 855132
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 9.0	7.0 10.4
68 7.5	5.4 8.2



#23
Nitrobenzene-d5
Concen: 52.792 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion: 82	Resp: 836353
Ion Ratio	Lower Upper
82 100	
128 48.0	37.7 56.5
54 53.3	43.0 64.4

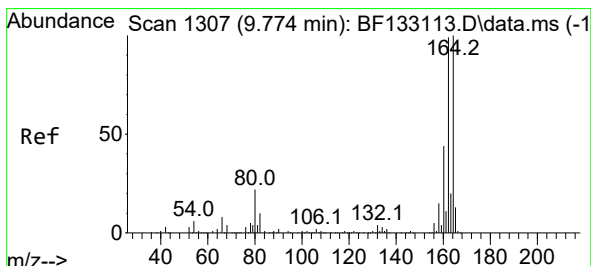
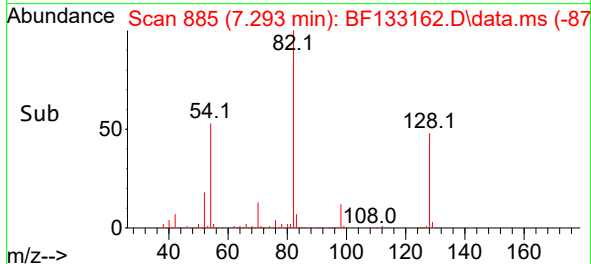
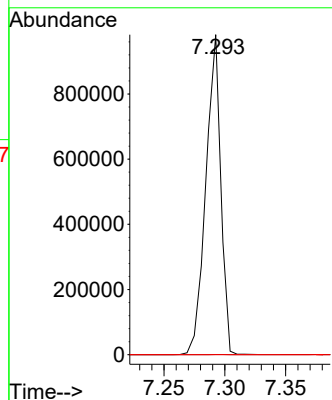
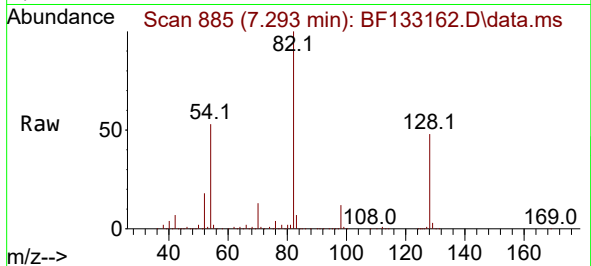




#25
Isophorone
Concen: 27.755 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

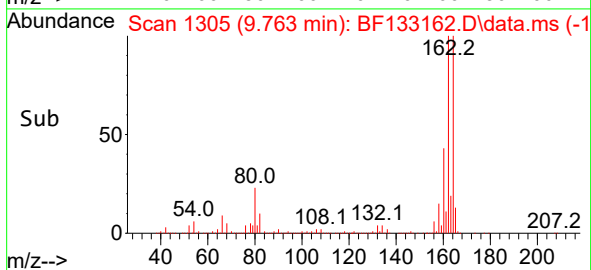
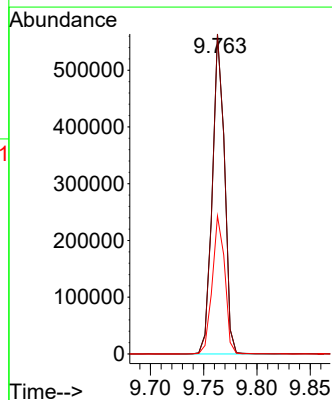
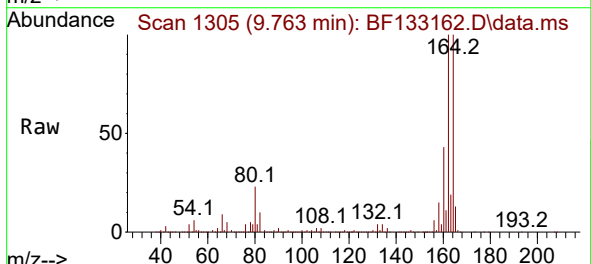
Instrument :
BNA_F
ClientSampleId :
P001-SS013-0612-01

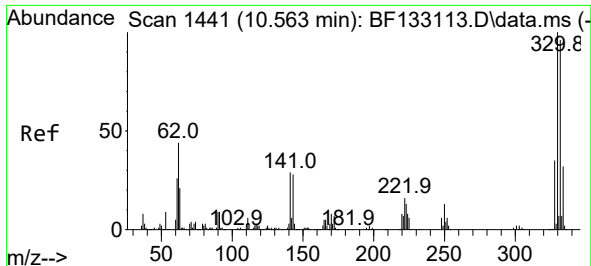
Tgt Ion: 82 Resp: 834873
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion:164 Resp: 448967
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 43.1 35.8 53.6

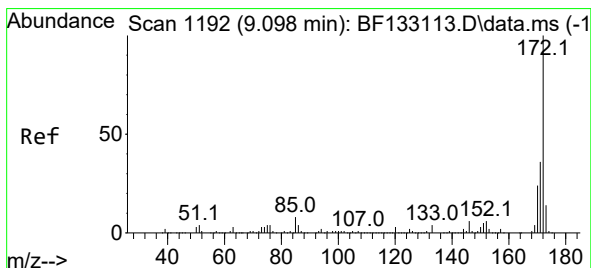
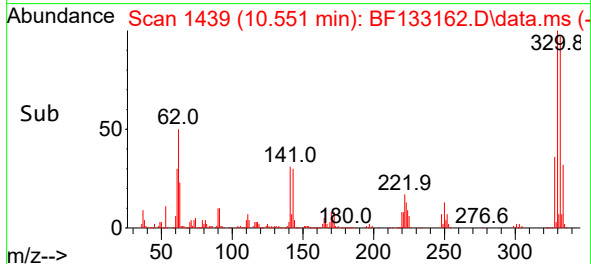
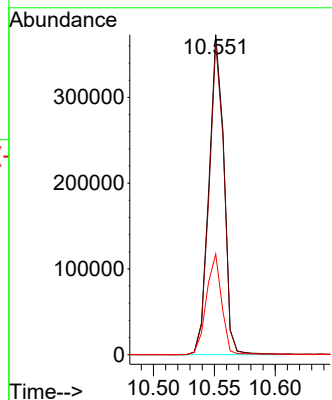
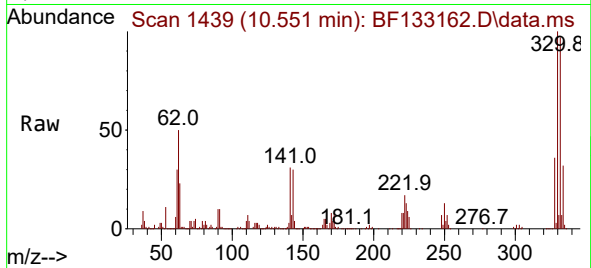




#42
2,4,6-Tribromophenol
Concen: 70.552 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

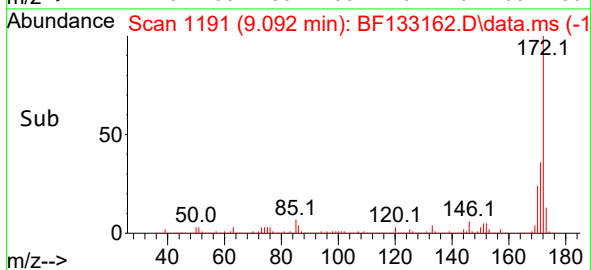
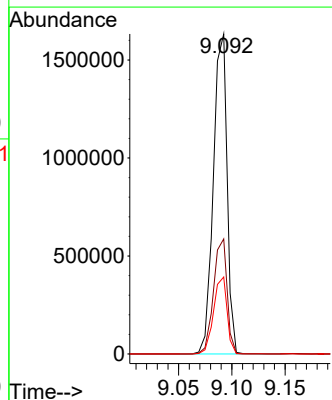
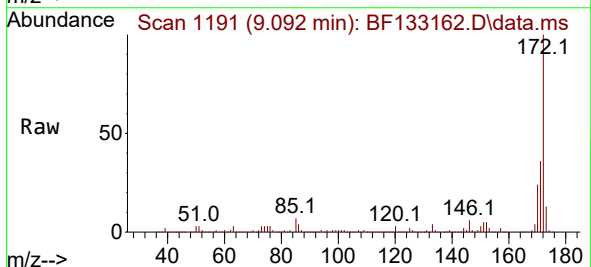
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ClientSampleId :
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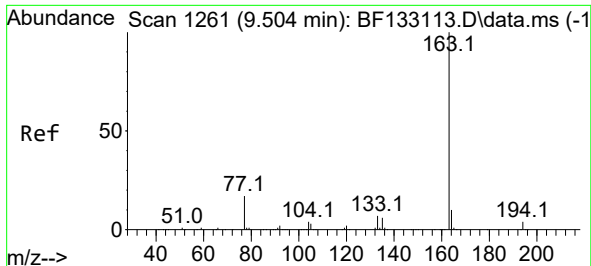
Tgt Ion:330 Resp: 318557
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 32.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.549 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion:172 Resp: 1463868
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.0 19.4 29.2

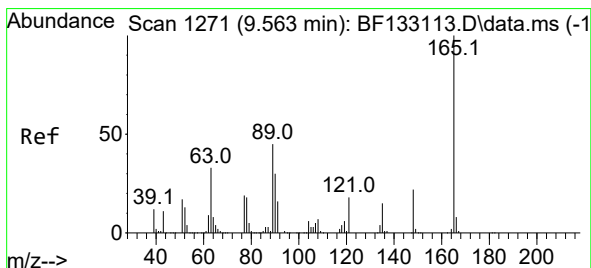
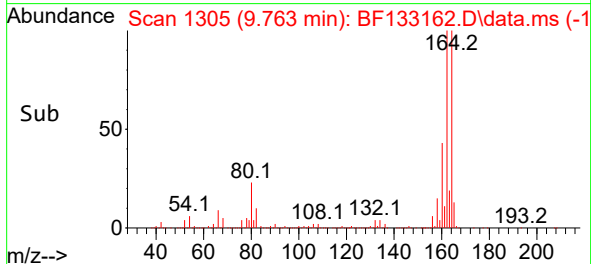
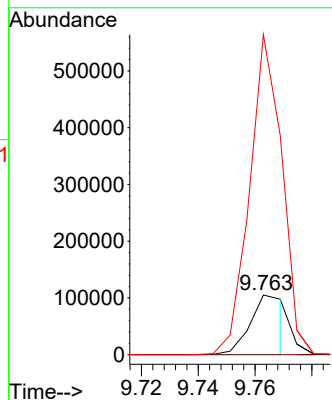
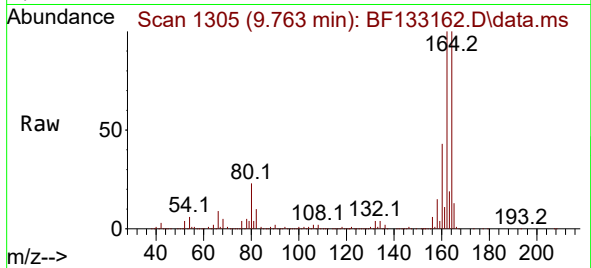




#50
Dimethylphthalate
Concen: 2.830 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

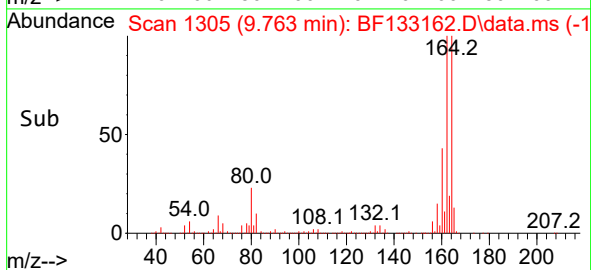
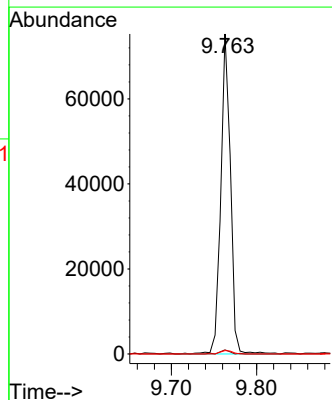
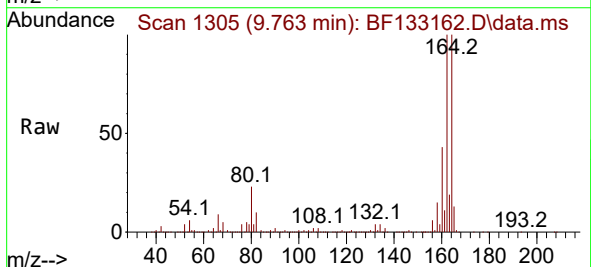
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BNA_F
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P001-SS013-0612-01

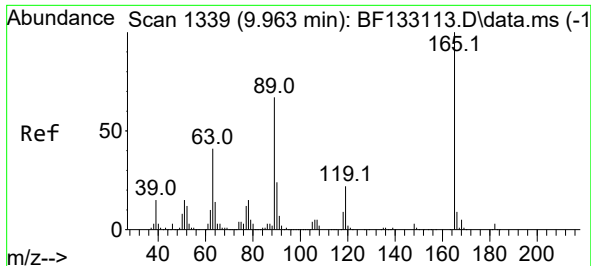
Tgt Ion:163 Resp: 88602
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 535.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.385 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

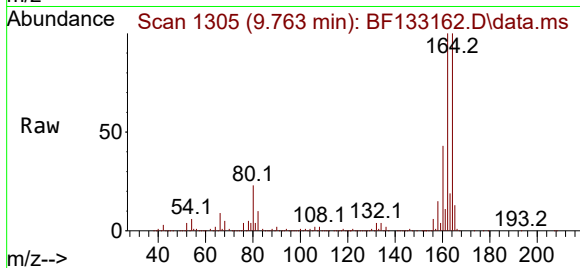
Tgt Ion:165 Resp: 59081
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.0 44.0 66.0#



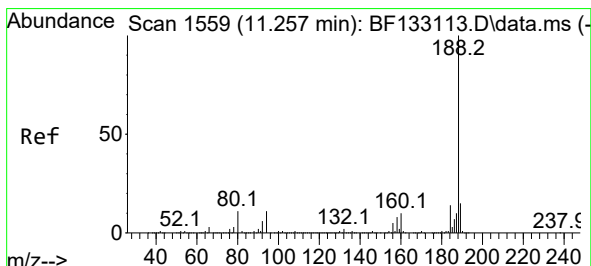
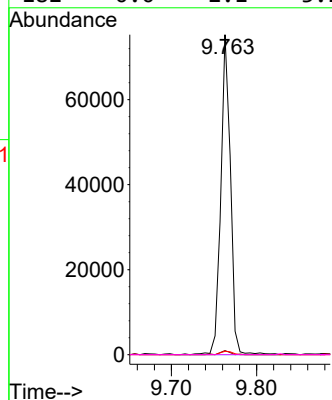
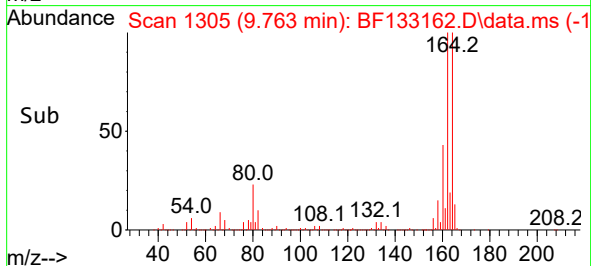


#57
2,4-Dinitrotoluene
Concen: 6.575 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Instrument :
BNA_F
ClientSampleId :
P001-SS013-0612-01

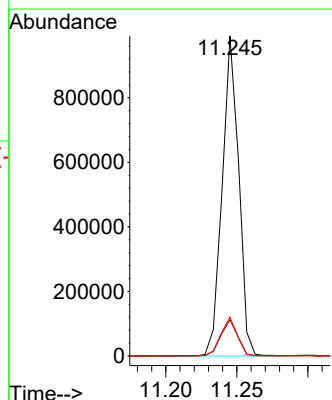
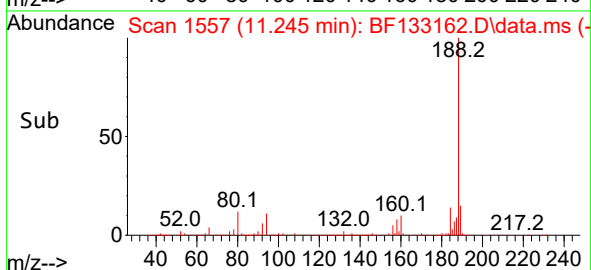
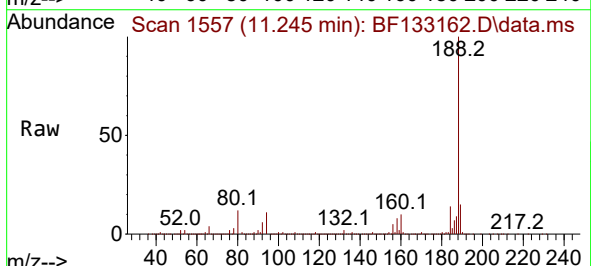


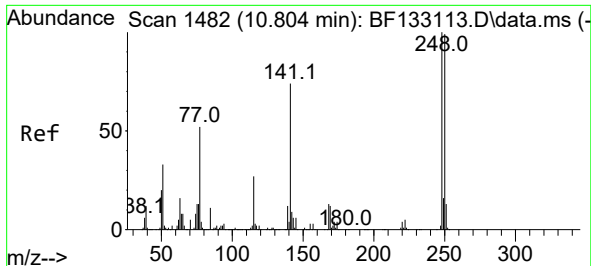
Tgt Ion:165 Resp: 59081
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion:188 Resp: 798533
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 12.1 10.4 15.6

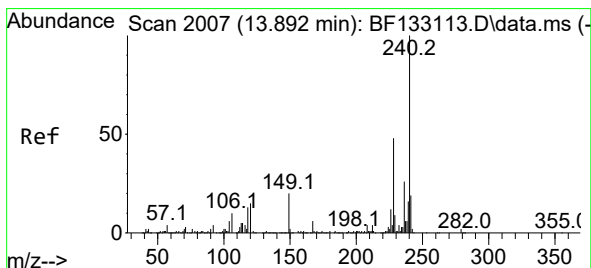
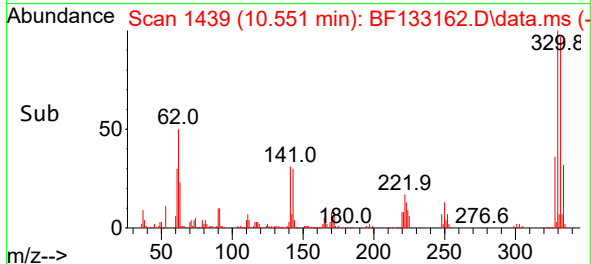
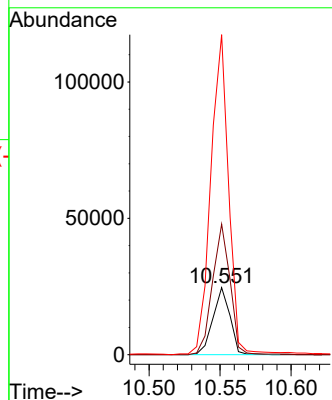
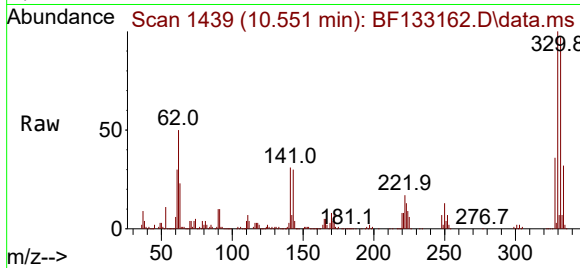




#67
4-Bromophenyl-phenylether
Concen: 2.369 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

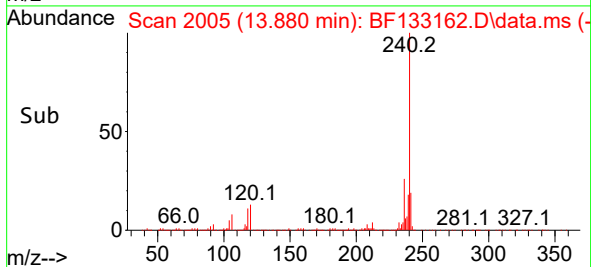
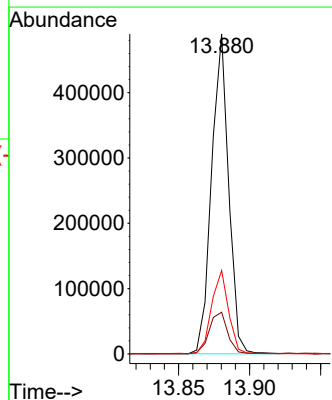
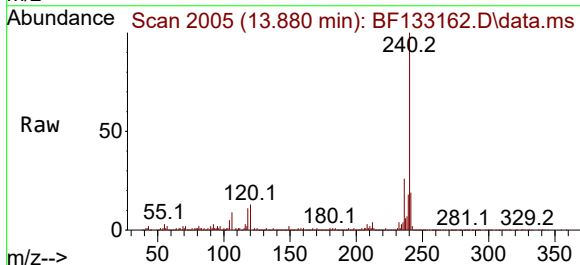
Instrument :
BNA_F
ClientSampleId :
P001-SS013-0612-01

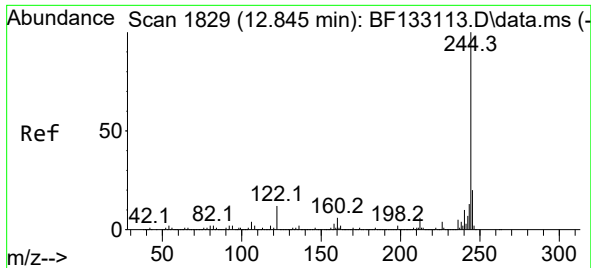
Tgt Ion:248 Resp: 20513
Ion Ratio Lower Upper
248 100
250 194.8 78.7 118.1#
141 477.8 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133162.D
Acq: 01 May 2023 18:37

Tgt Ion:240 Resp: 409706
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 26.1 21.5 32.3

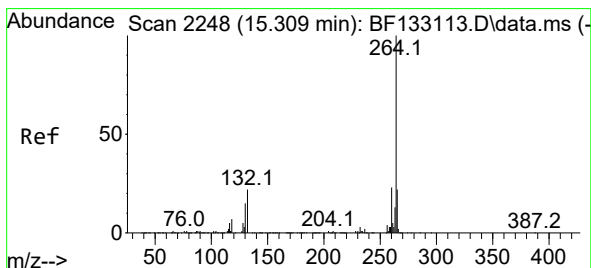
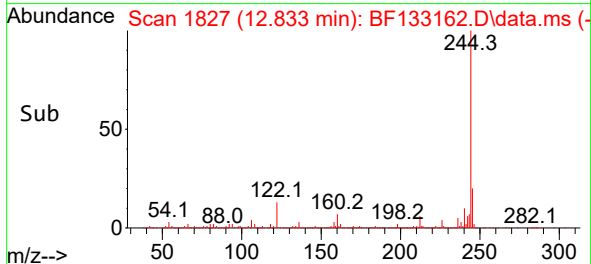
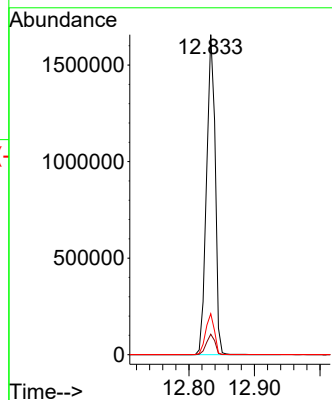
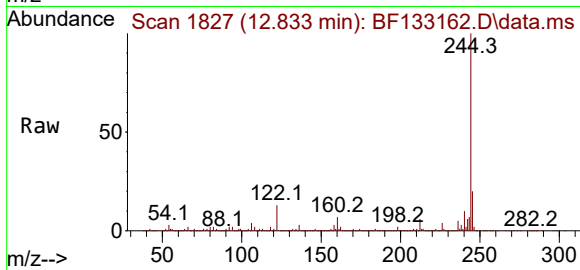




#79
 Terphenyl-d14
 Concen: 64.174 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133162.D
 Acq: 01 May 2023 18:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-0612-01

Tgt Ion:244 Resp: 1524494
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133162.D
 Acq: 01 May 2023 18:37

Tgt Ion:264 Resp: 402477
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.6 17.0 25.4

