

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133270.D
 Acq On : 05 May 2023 18:46
 Operator : CG\JU
 Sample : 02618-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Quant Time: May 06 05:50:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

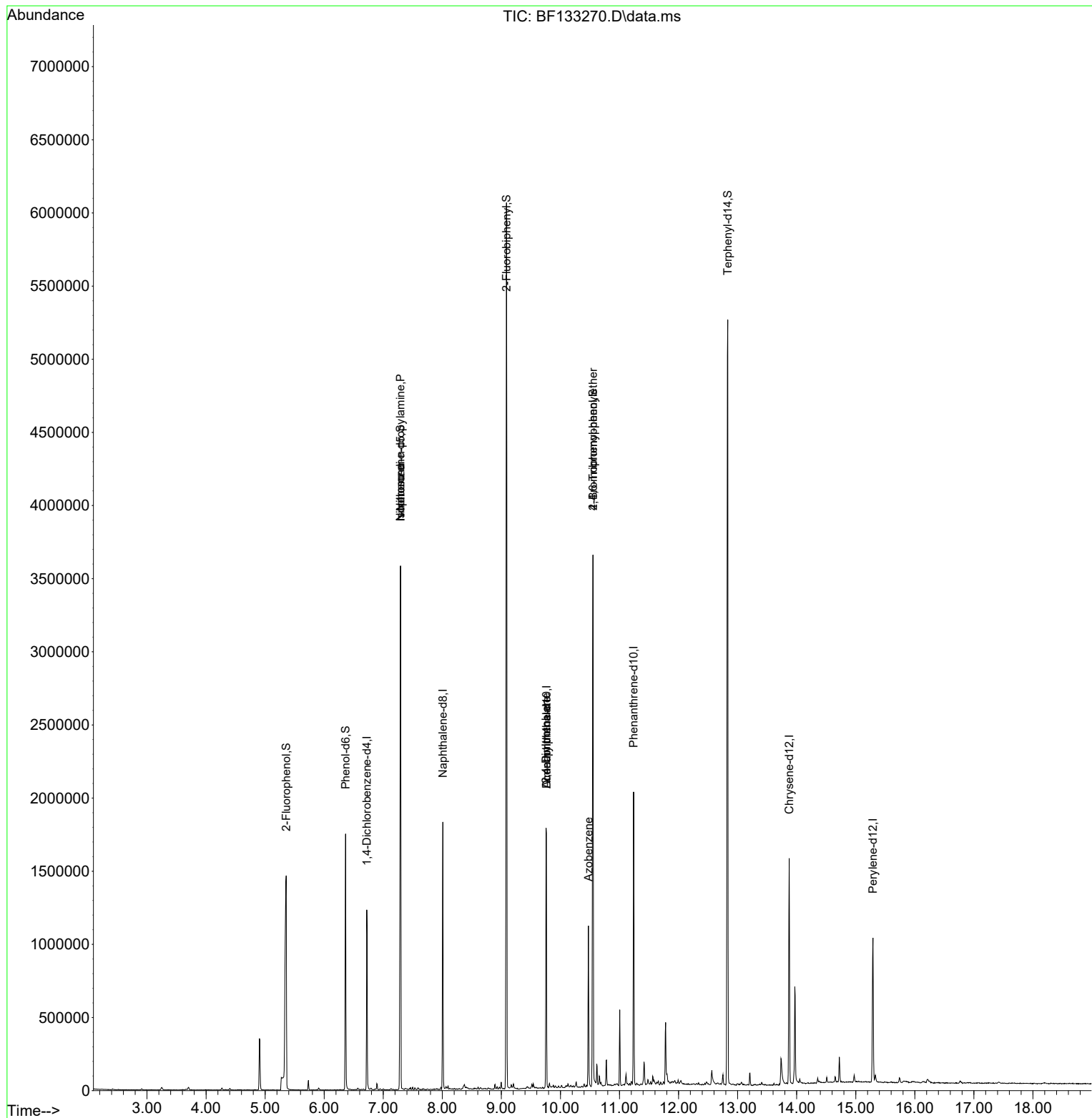
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	169872	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	687144	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	366227	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	654672	20.000	ng	0.00
76) Chrysene-d12	13.874	240	482818	20.000	ng	0.00
86) Perylene-d12	15.292	264	413126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	686376	61.037	ng	0.02
7) Phenol-d6	6.363	99	499507	35.787	ng	0.00
23) Nitrobenzene-d5	7.292	82	1161096	91.207	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	473237	128.488	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1933708	88.336	ng	0.00
79) Terphenyl-d14	12.833	244	2115033	75.551	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	827	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propyla...	7.292	70	155887	17.940	ng	# 77
25) Isophorone	7.292	82	1160332	48.006	ng	# 63
50) Dimethylphthalate	9.763	163	76459	2.994	ng	# 1
57) 2,4-Dinitrotoluene	9.757	165	48425	6.607	ng	# 23
63) Azobenzene	10.474	77	173041	6.772	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	29837	4.202	ng	# 1

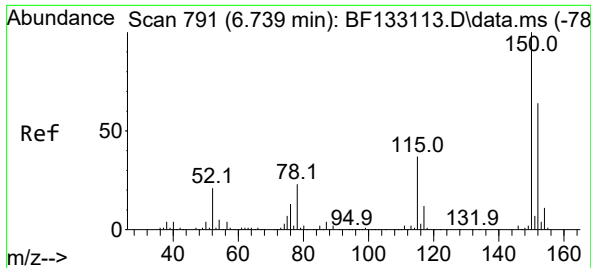
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

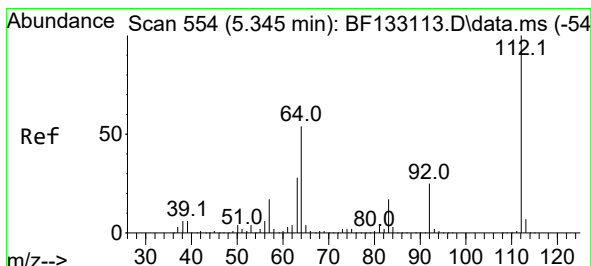
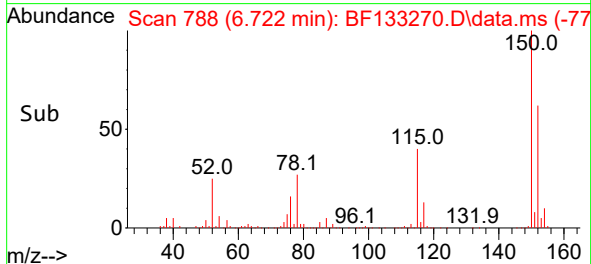
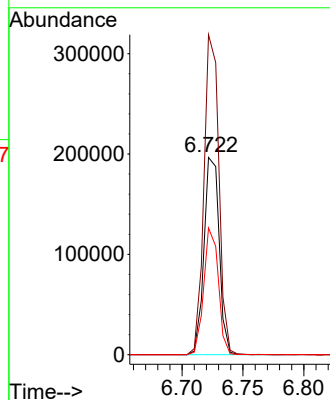
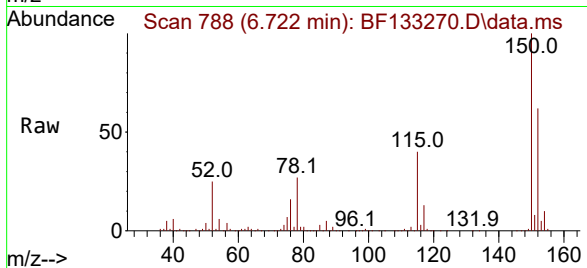




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

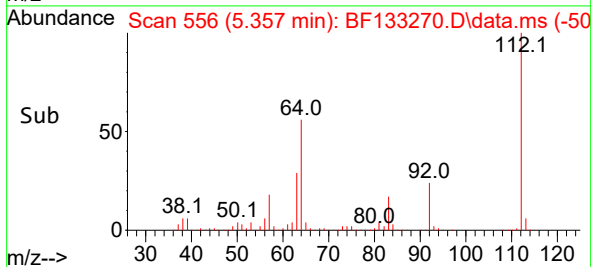
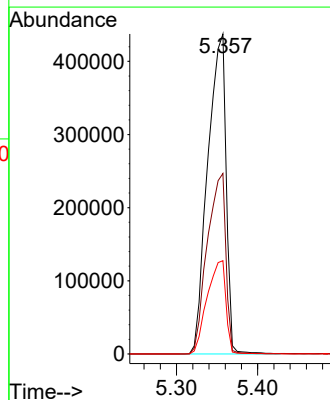
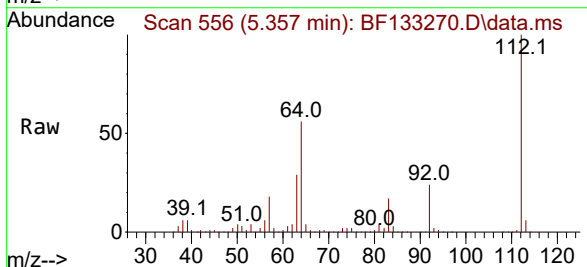
Instrument :
BNA_F
ClientSampleId :
DSN003

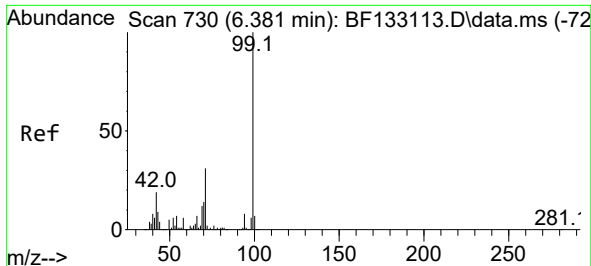
Tgt Ion:152 Resp: 169872
Ion Ratio Lower Upper
152 100
150 162.2 124.8 187.2
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 61.037 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.023 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion:112 Resp: 686376
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.1 23.8 35.8

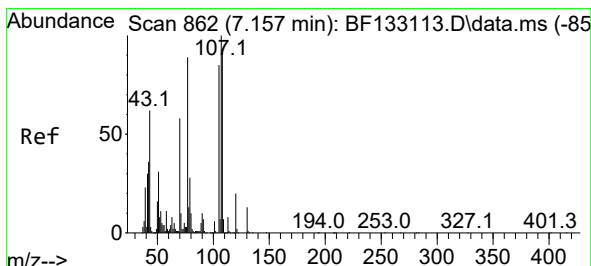
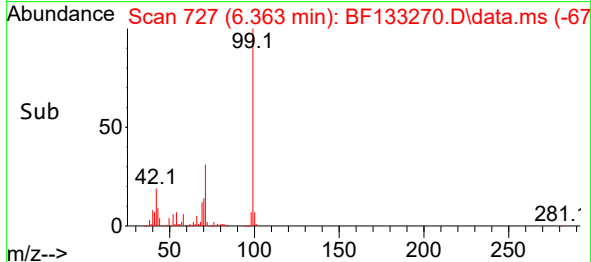
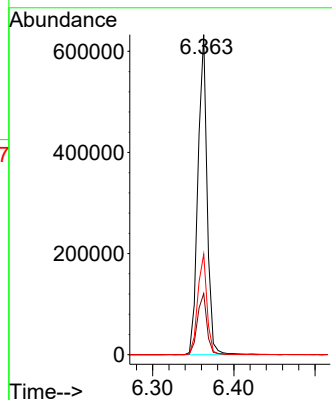
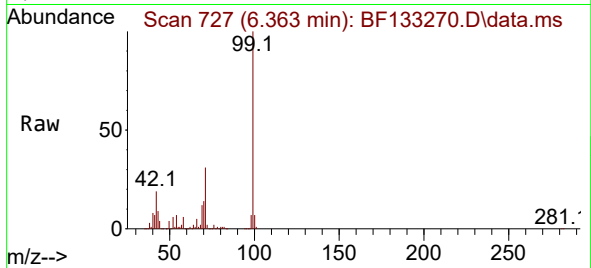




#7
Phenol-d6
Concen: 35.787 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

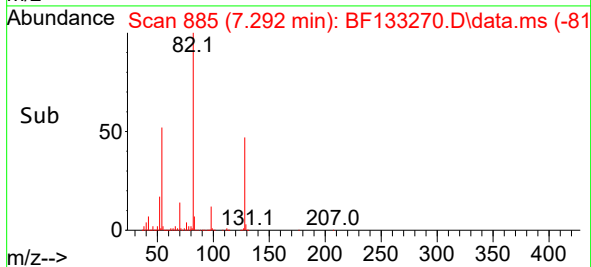
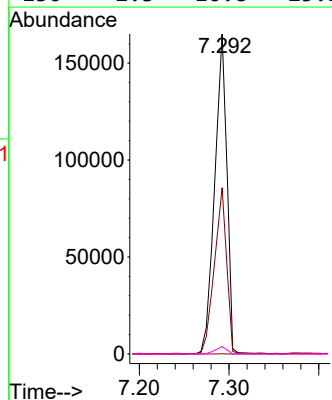
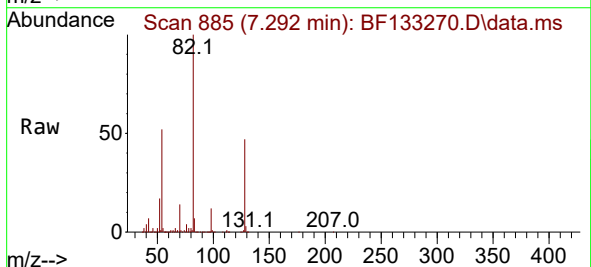
Instrument :
BNA_F
ClientSampleId :
DSN003

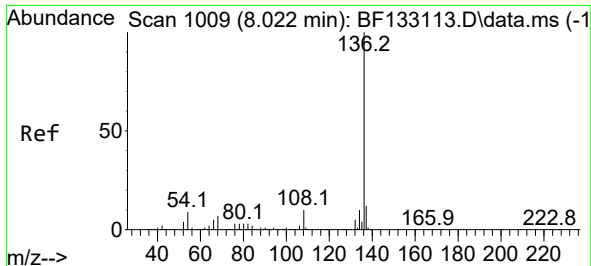
Tgt Ion: 99 Resp: 499507
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.940 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion: 70 Resp: 155887
Ion Ratio Lower Upper
70 100
42 51.9 51.8 77.6
101 0.1 8.0 12.0#
130 2.3 16.8 25.2#

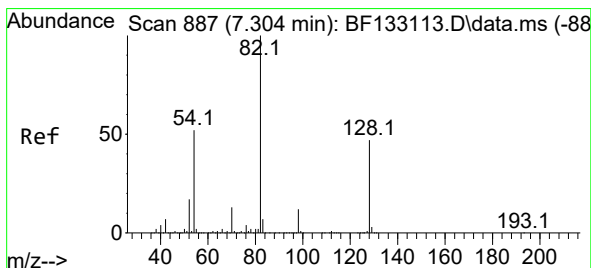
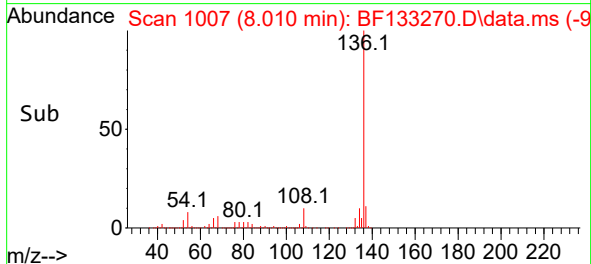
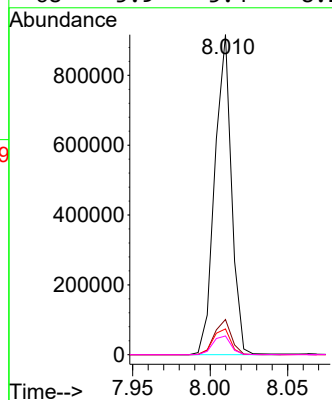
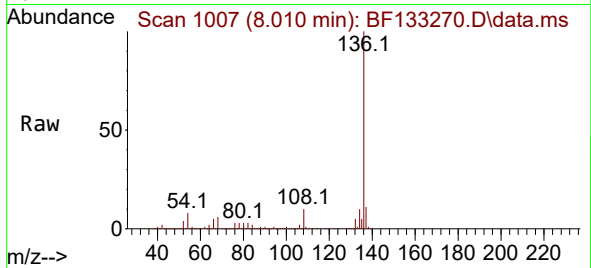




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

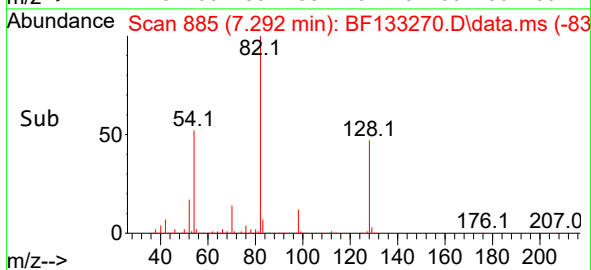
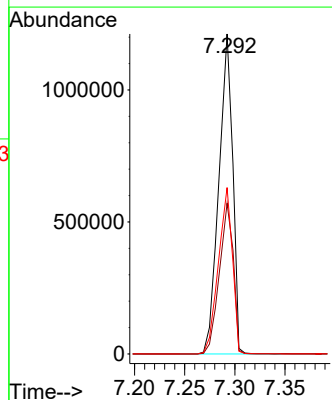
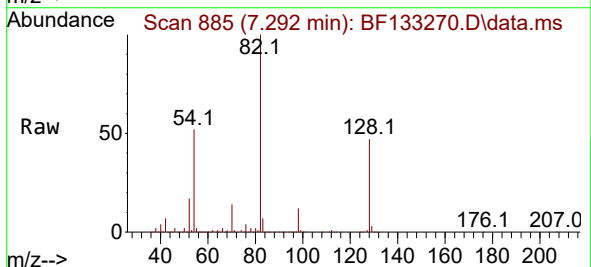
Instrument :
BNA_F
ClientSampleId :
DSN003

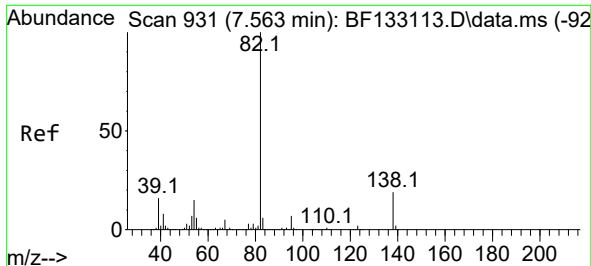
Tgt Ion:	136	Resp:	687144
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.1	7.0	10.4
68	5.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 91.207 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion:	82	Resp:	1161096
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	52.0	43.0	64.4

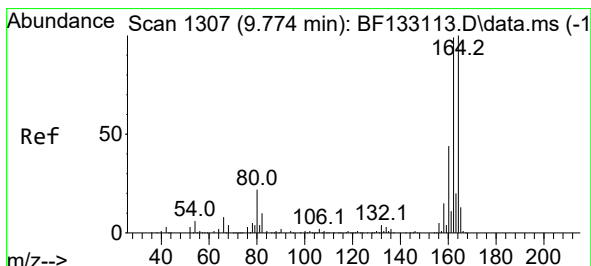
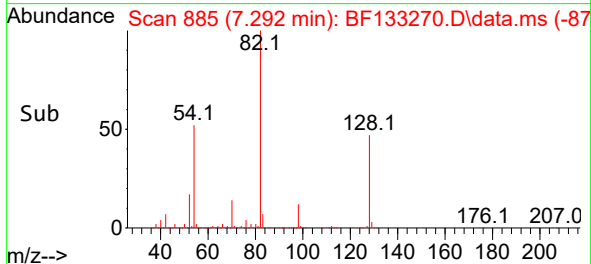
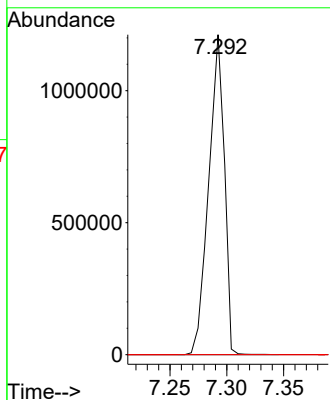
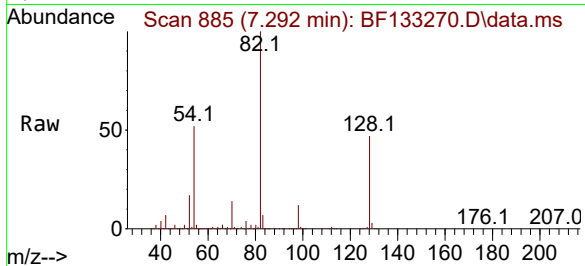




#25
Isophorone
Concen: 48.006 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

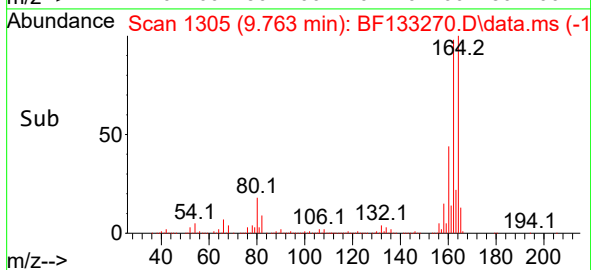
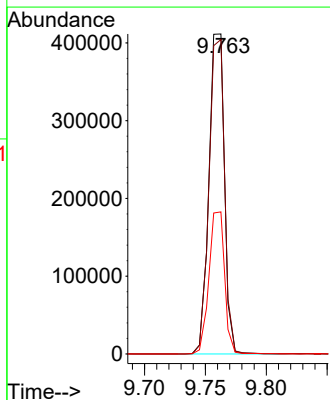
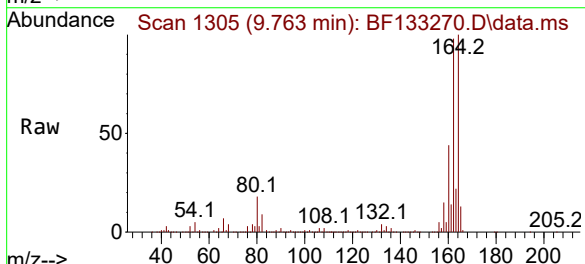
Instrument :
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ClientSampleId :
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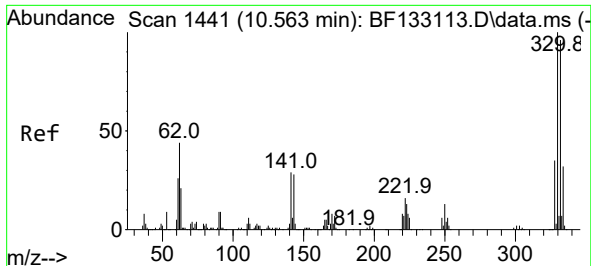
Tgt Ion: 82 Resp: 1160332
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion: 164 Resp: 366227
Ion Ratio Lower Upper
164 100
162 98.3 78.7 118.1
160 44.4 35.8 53.6

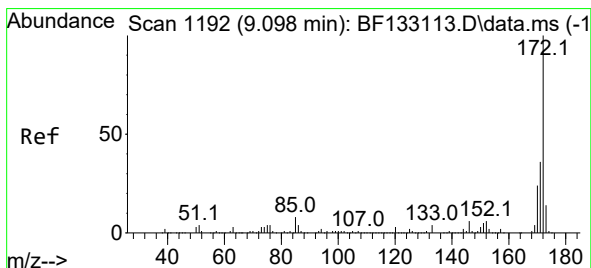
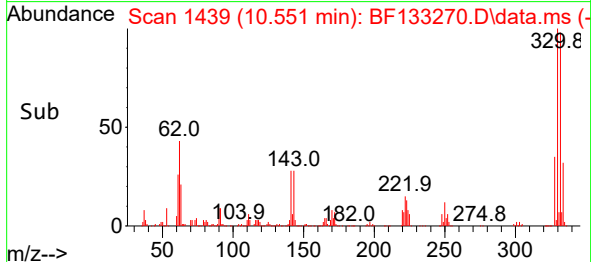
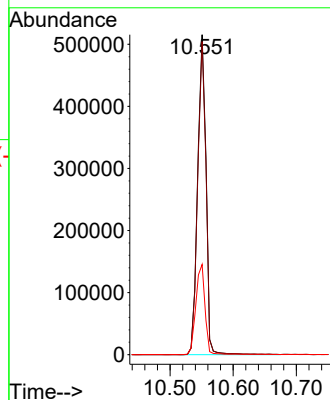
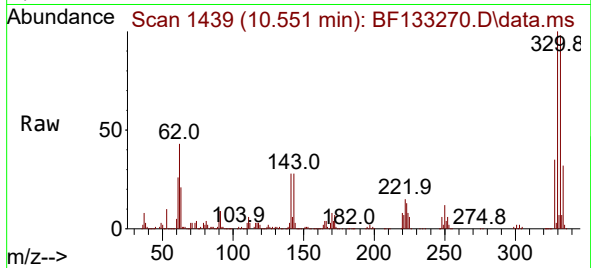




#42
2,4,6-Tribromophenol
Concen: 128.488 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

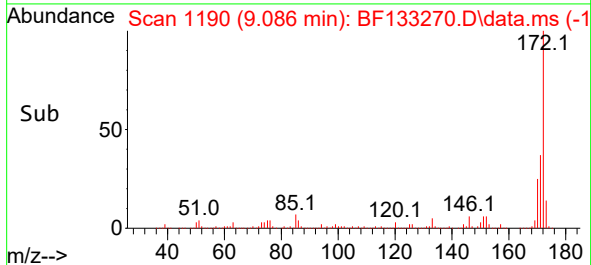
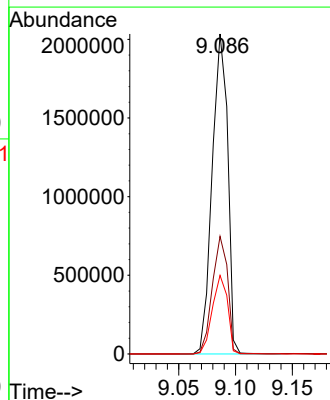
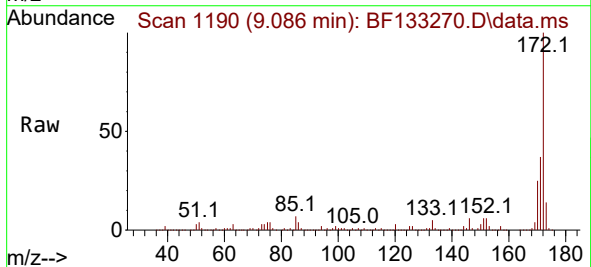
Instrument :
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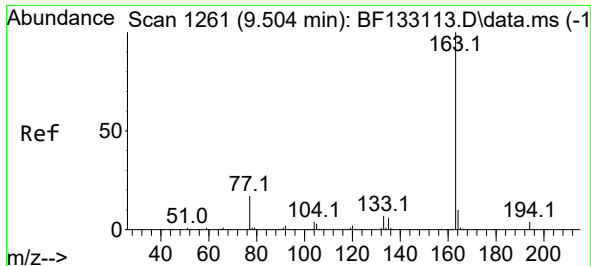
Tgt Ion:330 Resp: 473237
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 88.336 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion:172 Resp: 1933708
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.5 19.4 29.2

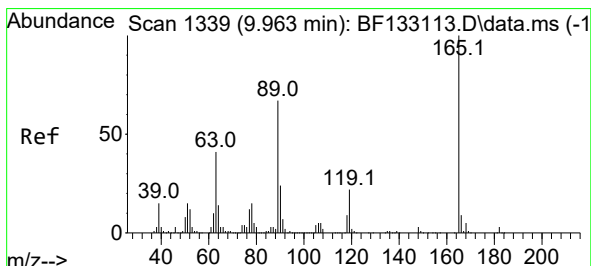
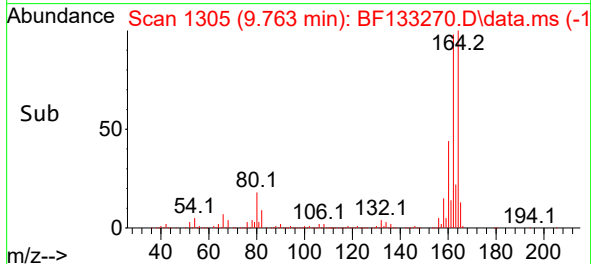
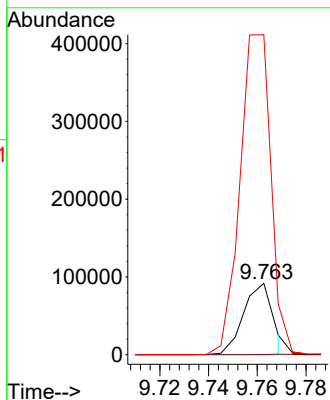
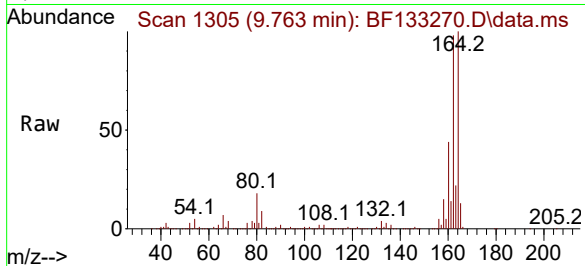




#50
Dimethylphthalate
Concen: 2.994 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

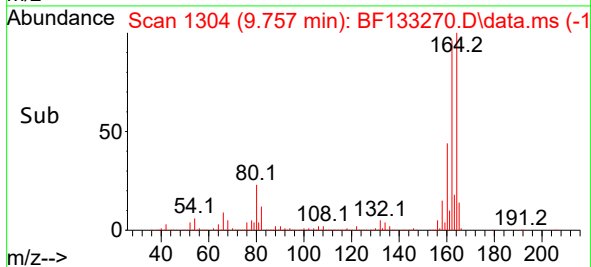
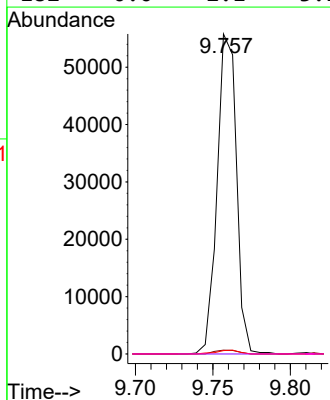
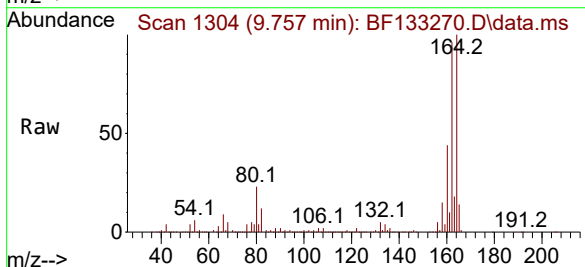
Instrument :
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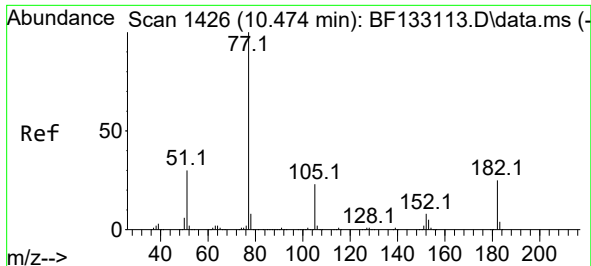
Tgt Ion:163 Resp: 76459
Ion Ratio Lower Upper
163 100
194 0.3 3.1 4.7#
164 448.6 8.5 12.7#



#57
2,4-Dinitrotoluene
Concen: 6.607 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion:165 Resp: 48425
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#

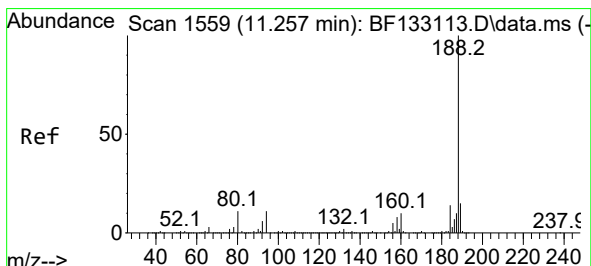
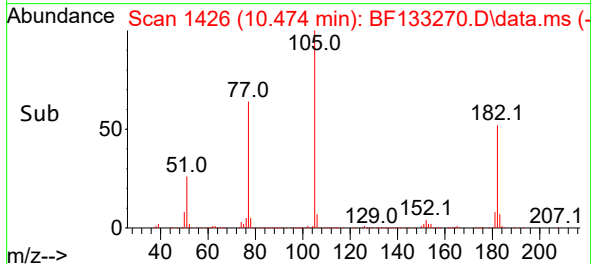
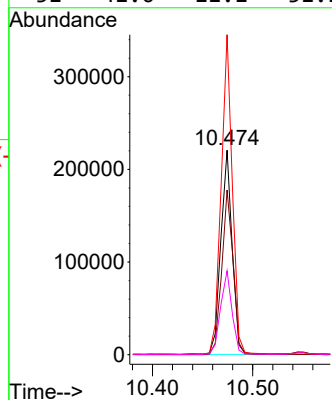
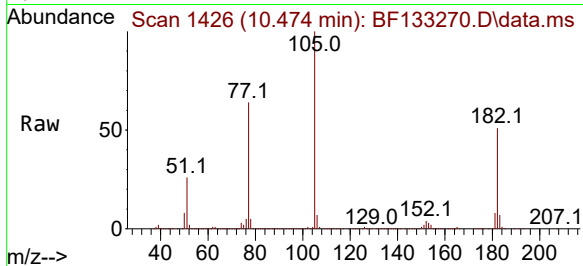




#63
Azobenzene
Concen: 6.772 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

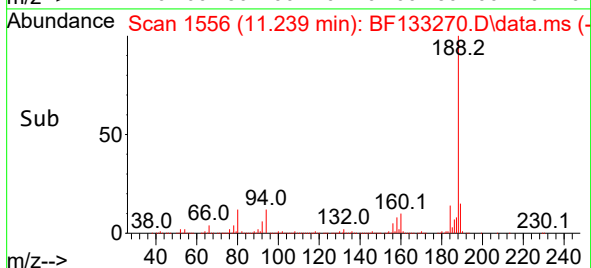
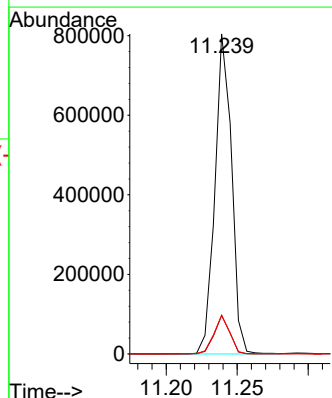
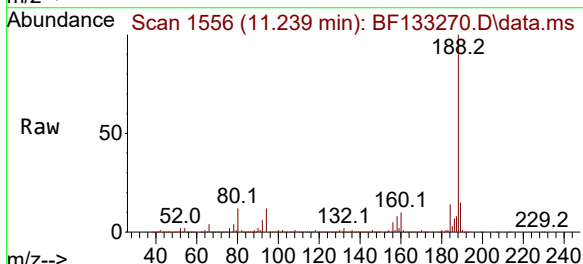
Instrument :
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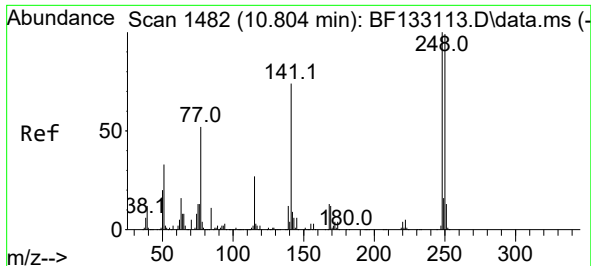
Tgt Ion: 77 Resp: 173041
Ion Ratio Lower Upper
77 100
182 80.5 5.9 45.9#
105 156.5 2.3 42.3#
51 41.0 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion: 188 Resp: 654672
Ion Ratio Lower Upper
188 100
94 12.0 9.7 14.5
80 12.1 10.4 15.6

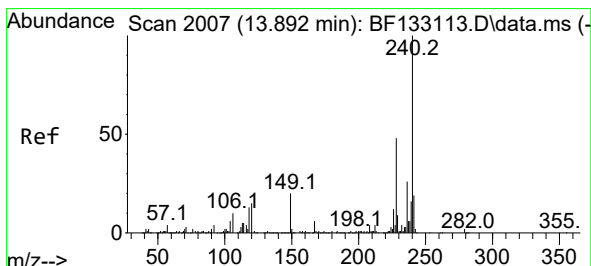
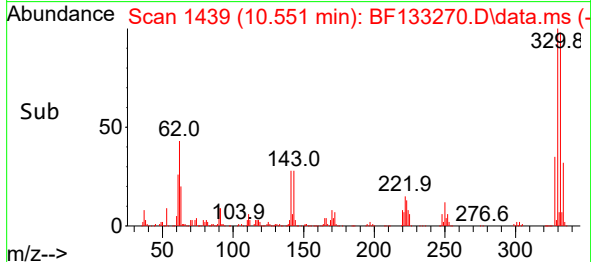
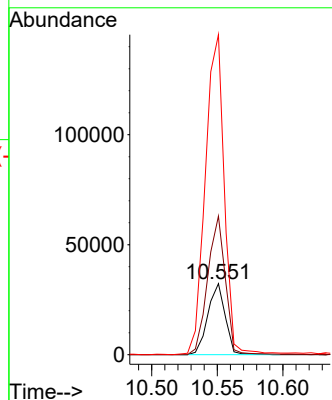
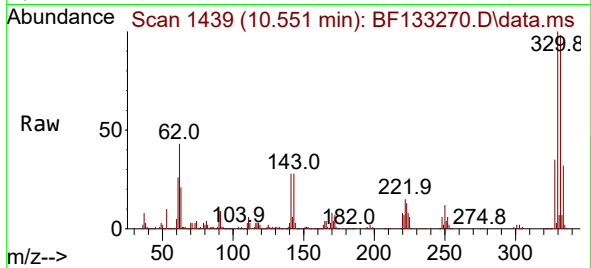




#67
4-Bromophenyl-phenylether
Concen: 4.202 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

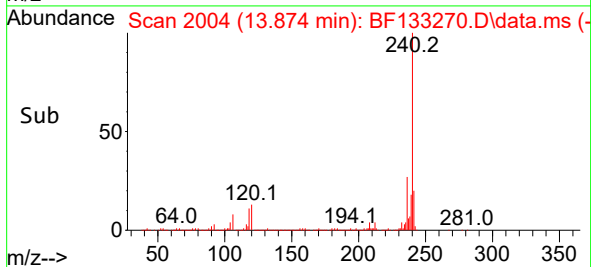
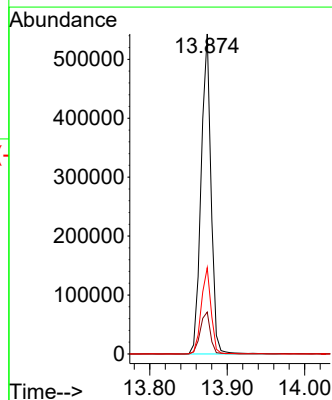
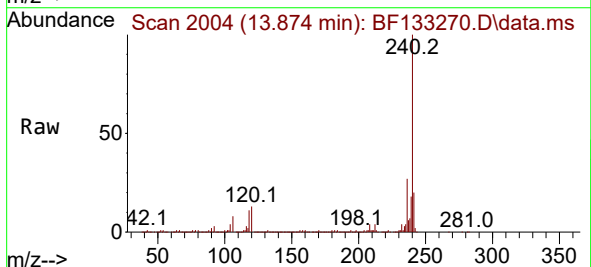
Instrument :
BNA_F
ClientSampleId :
DSN003

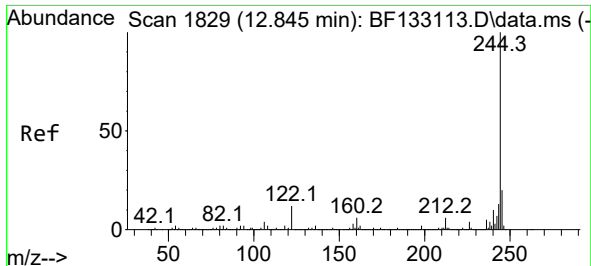
Tgt Ion:248 Resp: 29837
Ion Ratio Lower Upper
248 100
250 195.2 78.7 118.1#
141 450.5 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133270.D
Acq: 05 May 2023 18:46

Tgt Ion:240 Resp: 482818
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 27.0 21.5 32.3

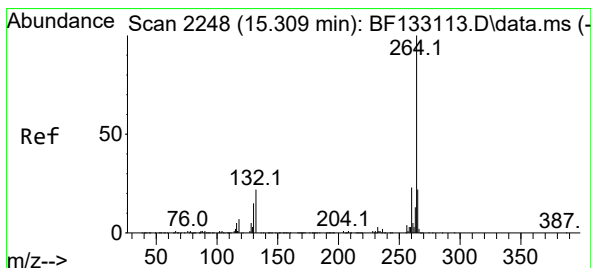
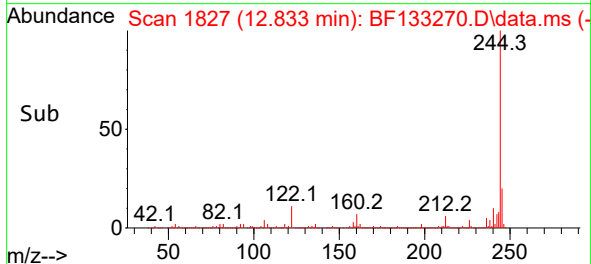
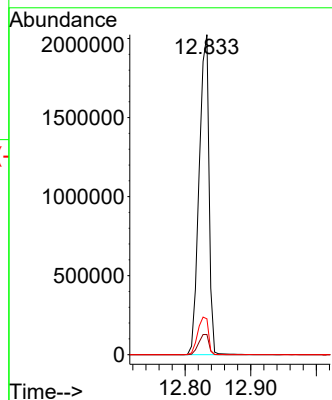
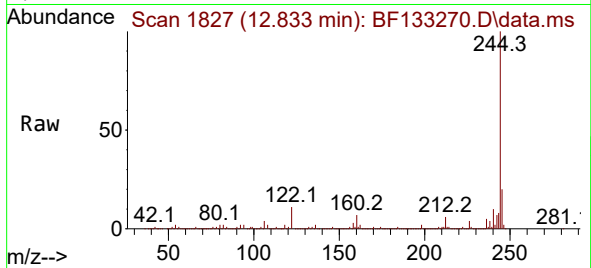




#79
 Terphenyl-d14
 Concen: 75.551 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF133270.D
 Acq: 05 May 2023 18:46

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Tgt Ion:244 Resp: 2115033
 Ion Ratio Lower Upper
 244 100
 212 6.3 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: BF133270.D
 Acq: 05 May 2023 18:46

Tgt Ion:264 Resp: 413126
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 22.5 17.0 25.4

