

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133779.D
 Acq On : 15 Jun 2023 17:22
 Operator : CG\JU
 Sample : 03117-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-26OA

Quant Time: Jun 15 18:14:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

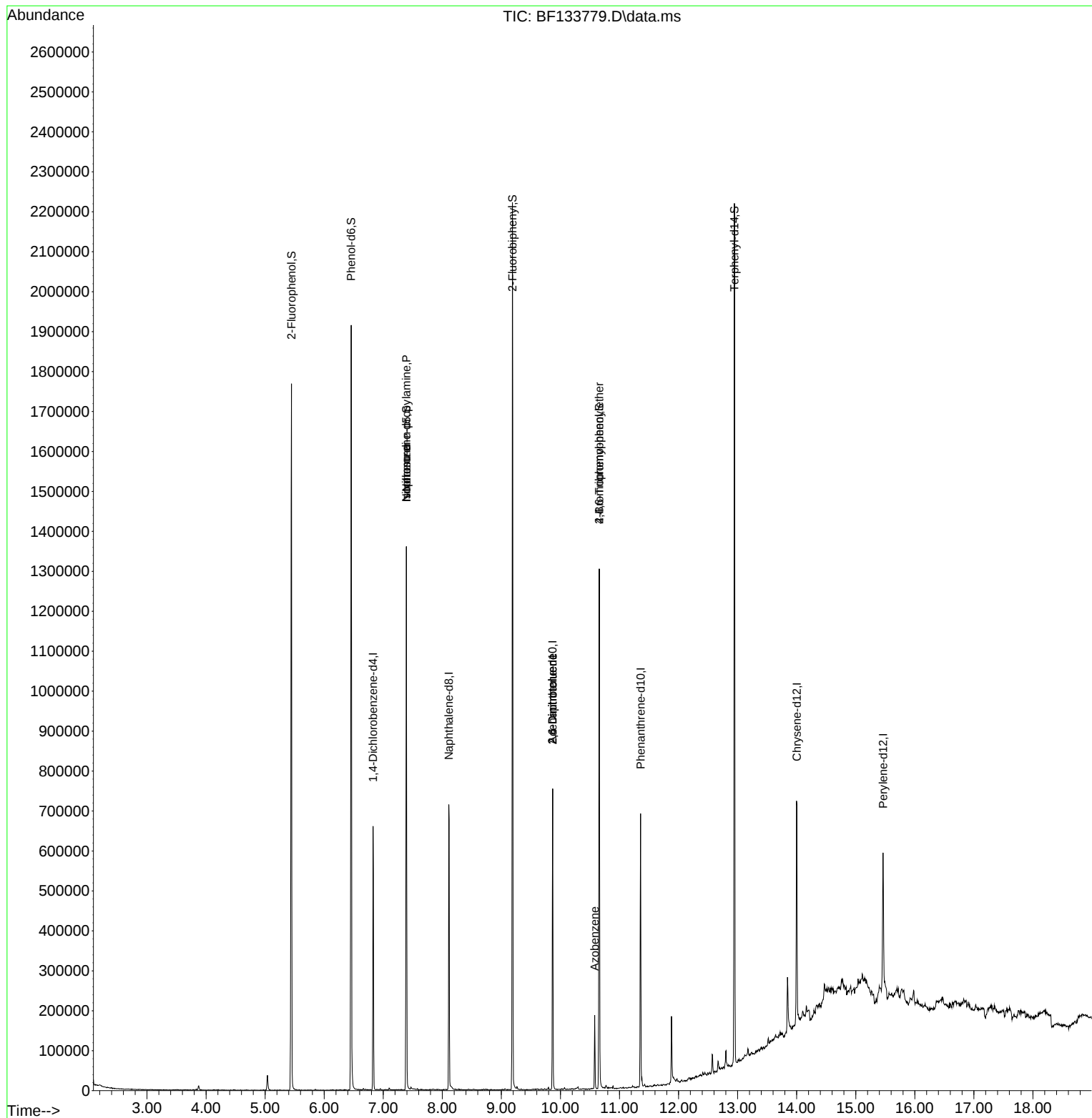
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	90751	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	310675	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	134513	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	230935	20.000	ng	0.00
76) Chrysene-d12	14.004	240	199192	20.000	ng	0.00
86) Perylene-d12	15.462	264	153482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	441067	84.611	ng	0.00
7) Phenol-d6	6.457	99	551267	81.243	ng	0.00
23) Nitrobenzene-d5	7.392	82	352452	61.791	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	138795	81.515	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	618109	65.321	ng	0.00
79) Terphenyl-d14	12.945	244	712481	55.346	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	48892	11.325	ng	# 77
25) Isophorone	7.392	82	352452	33.657	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	17864	8.620	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	17864	6.778	ng	# 19
63) Azobenzene	10.580	77	27957	2.890	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	8675	3.366	ng	# 1

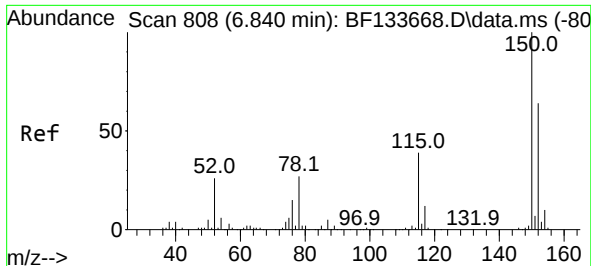
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
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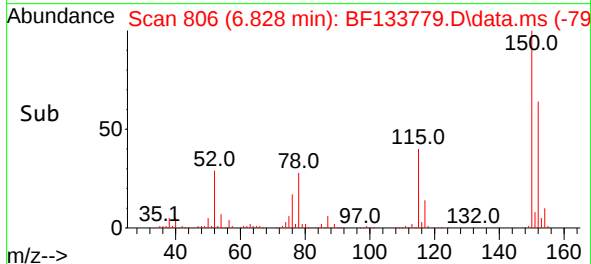
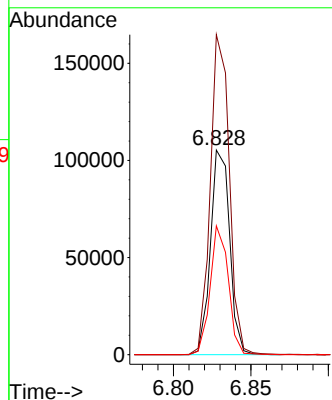
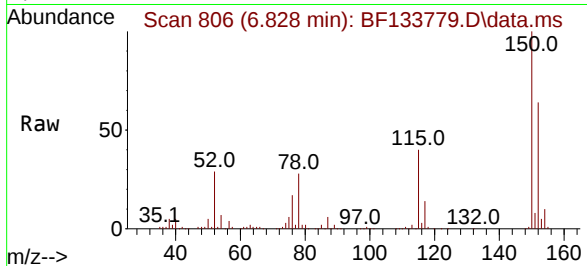




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

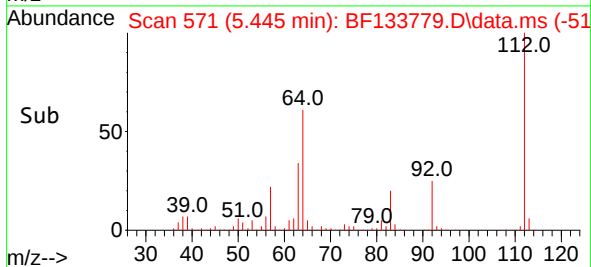
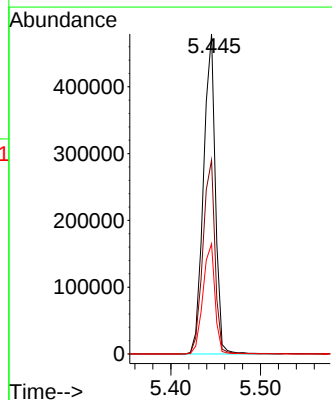
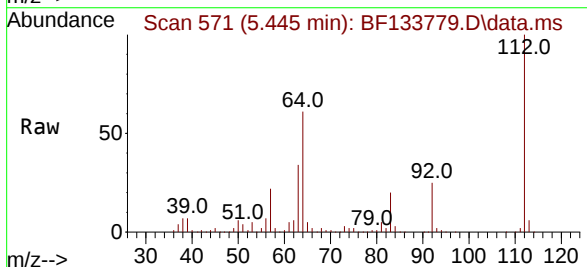
Instrument :
BNA_F
ClientSampleId :
TP-26OA

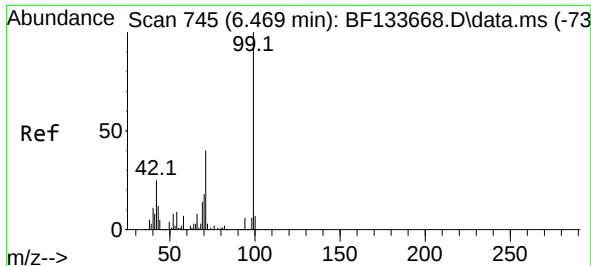
Tgt Ion:152 Resp: 90751
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 62.9 48.5 72.7



#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Tgt Ion:112 Resp: 441067
Ion Ratio Lower Upper
112 100
64 60.6 49.0 73.4
63 34.4 26.8 40.2



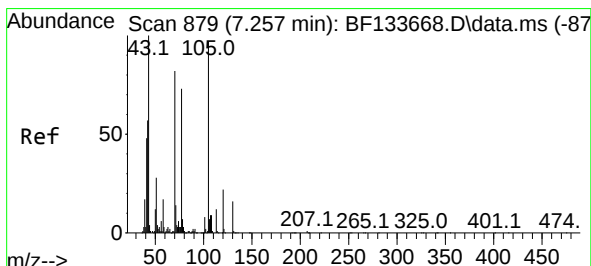
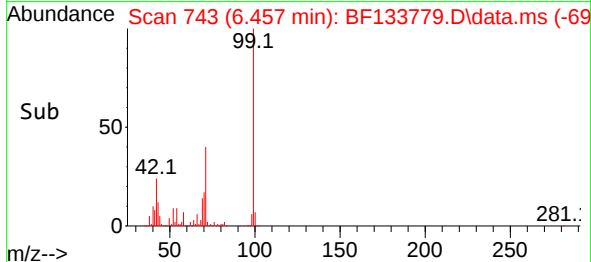
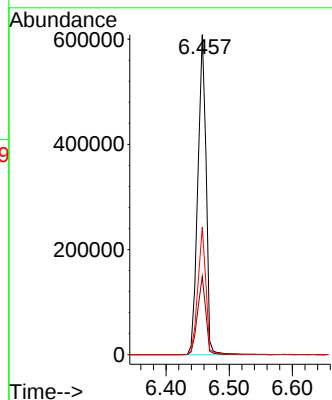
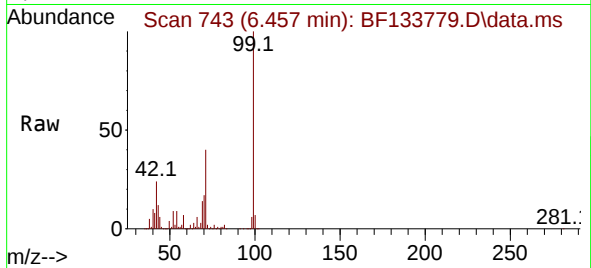


#7
Phenol-d6
Concen: 81.243 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Instrument :
BNA_F
ClientSampleId :
TP-26OA

Tgt Ion: 99 Resp: 551267

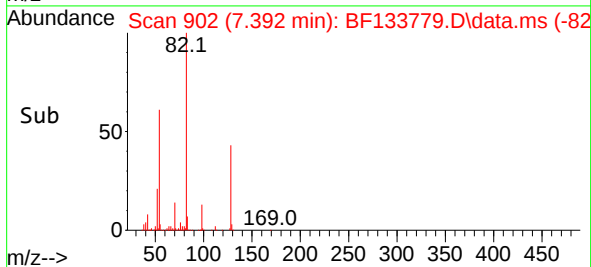
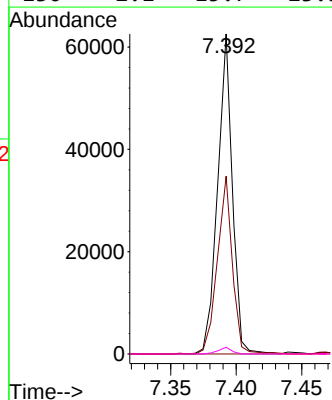
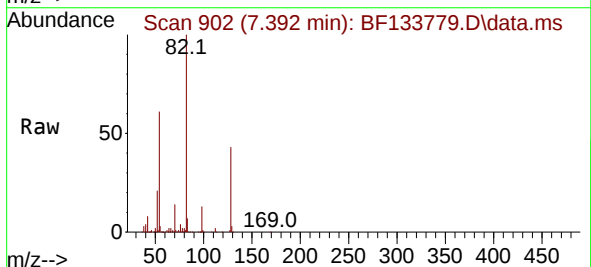
Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.9	29.9
71	39.9	32.2	48.4

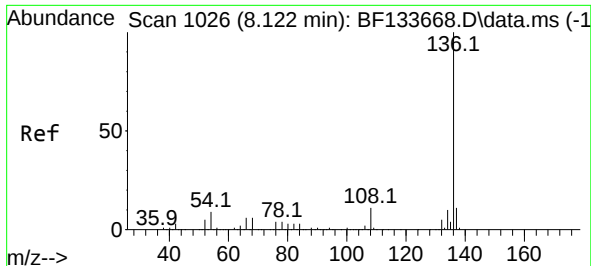


#19
n-Nitroso-di-n-propylamine
Concen: 11.325 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Tgt Ion: 70 Resp: 48892

Ion	Ratio	Lower	Upper
70	100		
42	55.5	55.8	83.8#
101	0.0	8.1	12.1#
130	2.1	15.7	23.5#

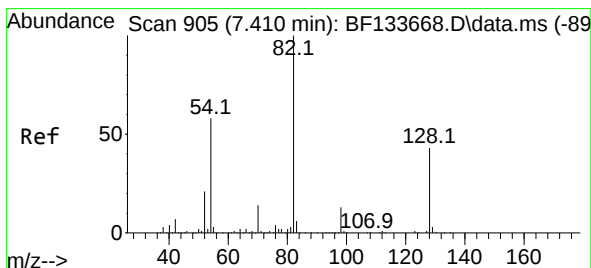
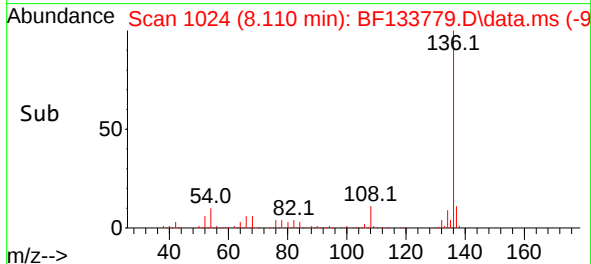
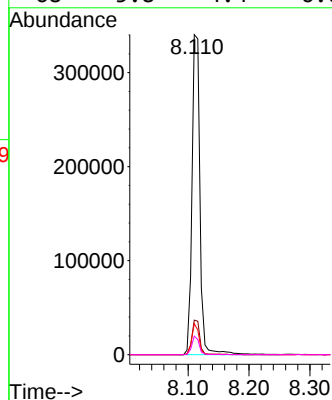
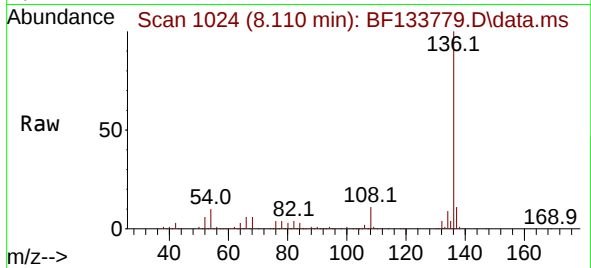




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

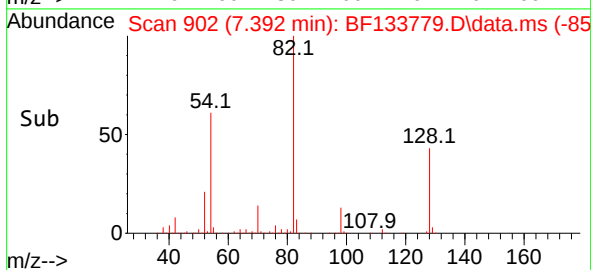
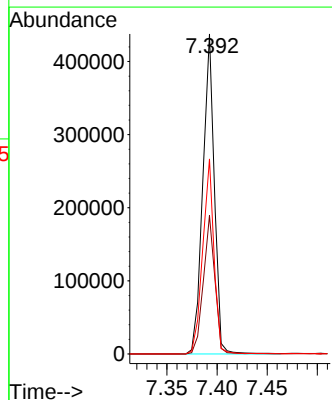
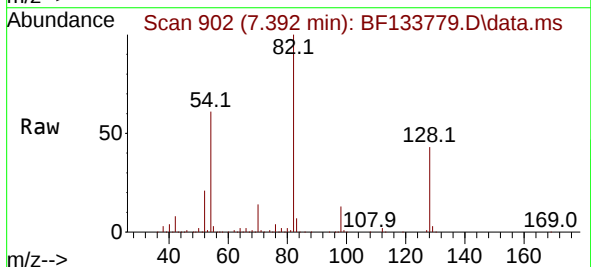
Instrument :
BNA_F
ClientSampleId :
TP-26OA

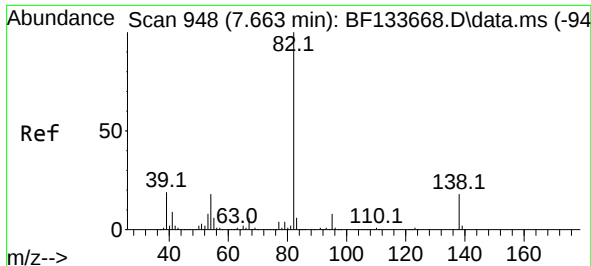
Tgt Ion:136 Resp: 310675
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.7 7.4 11.0
68 5.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 61.791 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Tgt Ion: 82 Resp: 352452
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.2
54 60.9 46.5 69.7

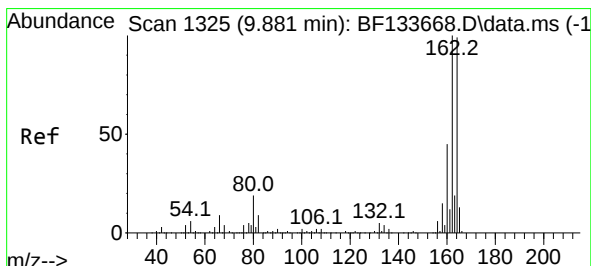
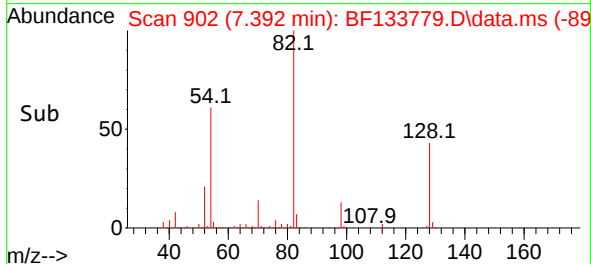
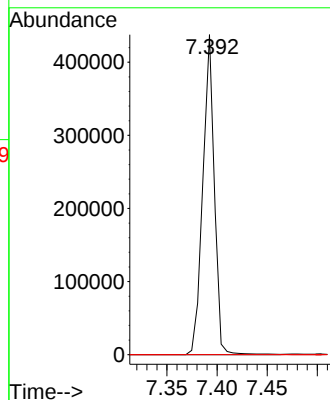
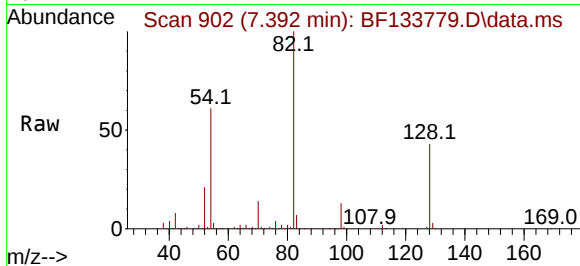




#25
Isophorone
Concen: 33.657 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

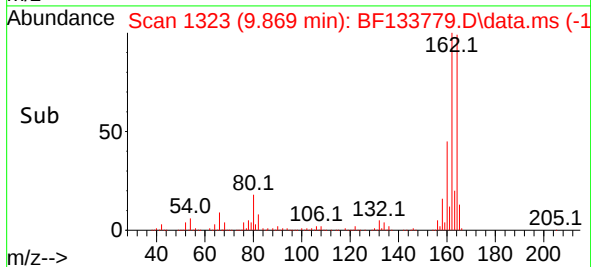
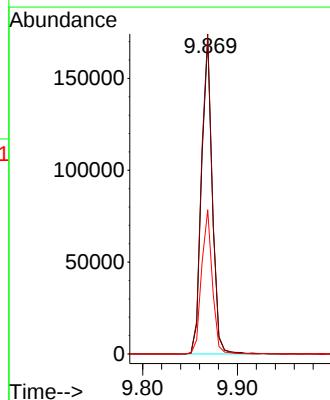
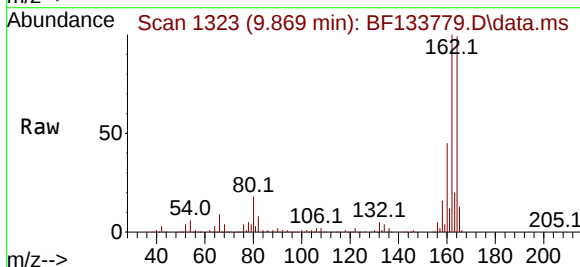
Instrument :
BNA_F
ClientSampleId :
TP-26OA

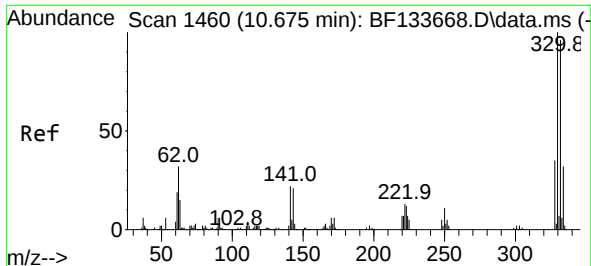
Tgt Ion: 82 Resp: 352452
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

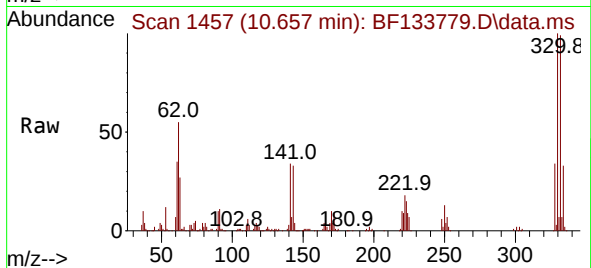
Tgt Ion: 164 Resp: 134513
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 45.7 36.7 55.1



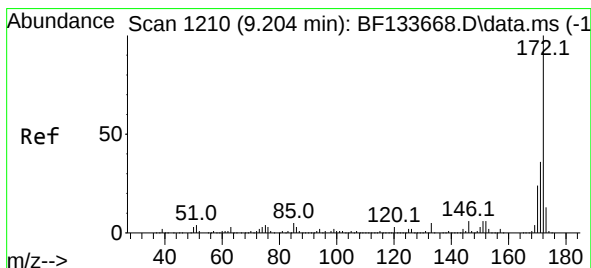
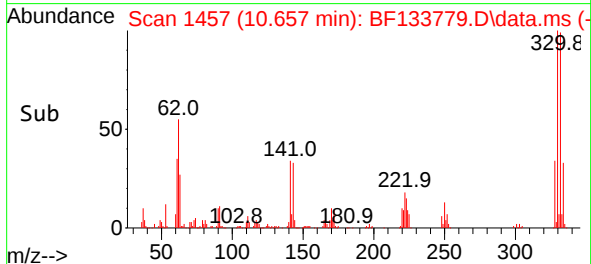
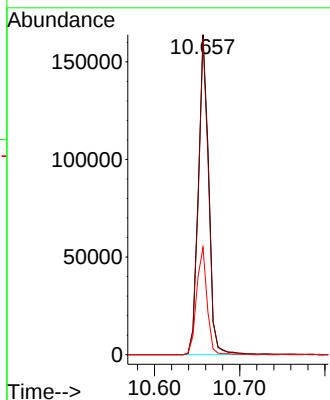


#42
2,4,6-Tribromophenol
Concen: 81.515 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Instrument :
BNA_F
ClientSampleId :
TP-26OA

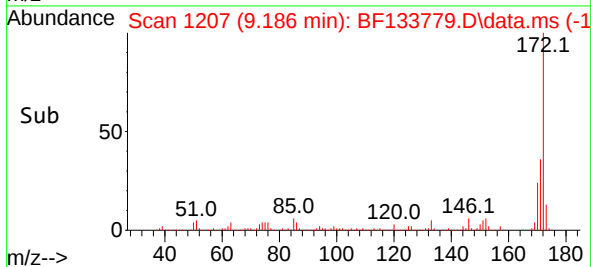
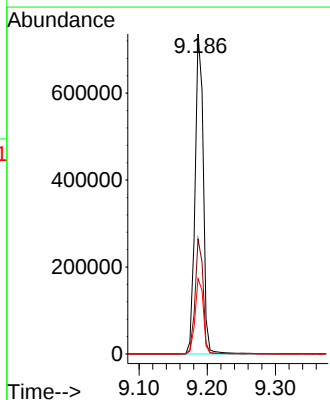
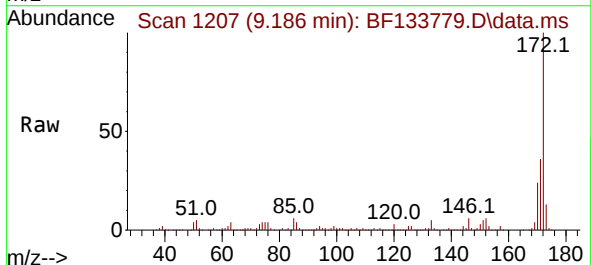


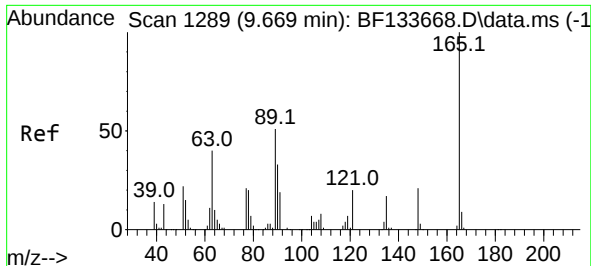
Tgt Ion: 330 Resp: 138795
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 33.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 65.321 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Tgt Ion: 172 Resp: 618109
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.5 19.1 28.7

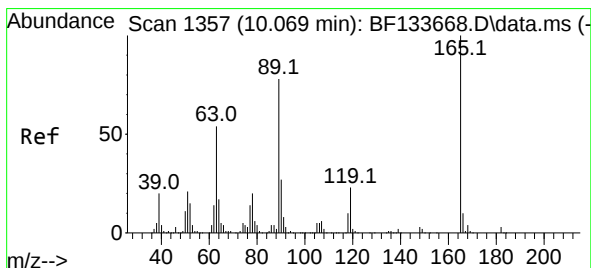
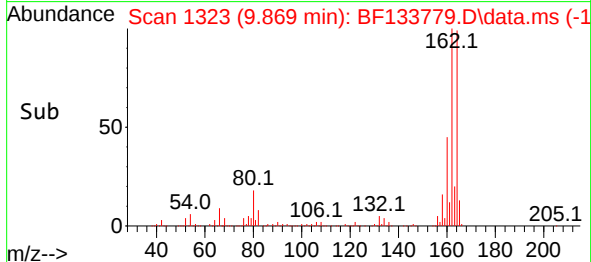
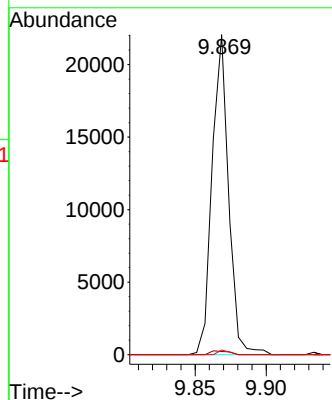
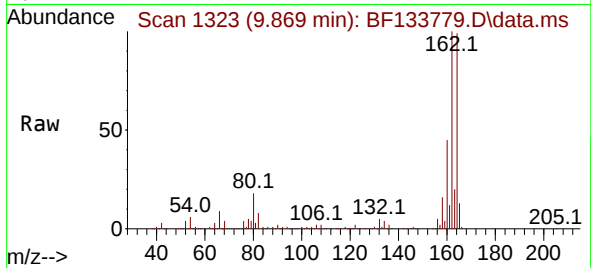




#51
2,6-Dinitrotoluene
Concen: 8.620 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

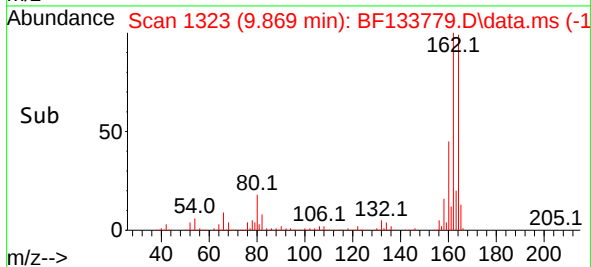
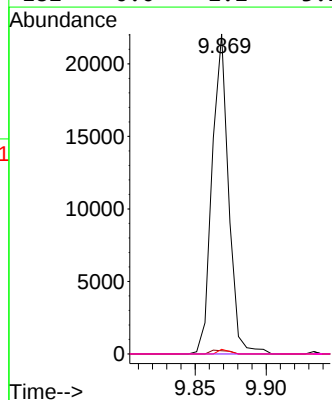
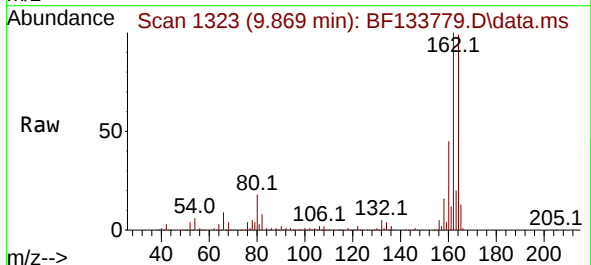
Instrument :
BNA_F
ClientSampleId :
TP-26OA

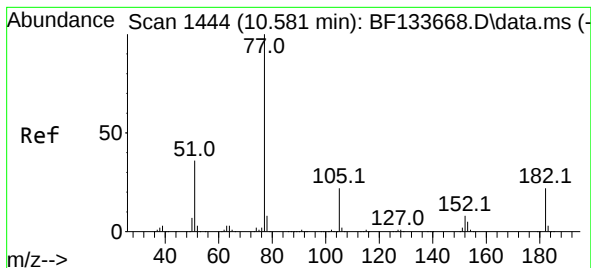
Tgt Ion:165 Resp: 17864
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 1.5 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Tgt Ion:165 Resp: 17864
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.5 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 2.890 ng

RT: 10.580 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF133779.D

Acq: 15 Jun 2023 17:22

Instrument :

BNA_F

ClientSampleId :

TP-26OA

Tgt Ion: 77 Resp: 27957

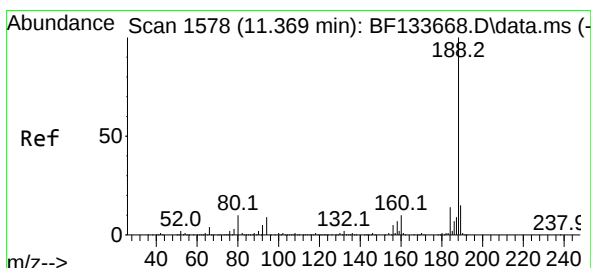
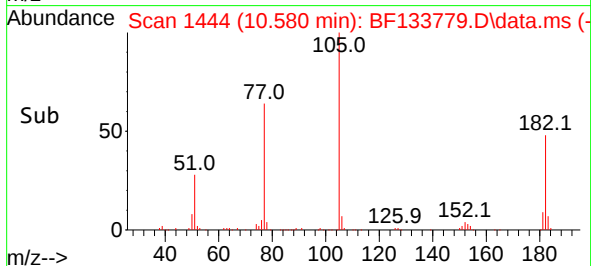
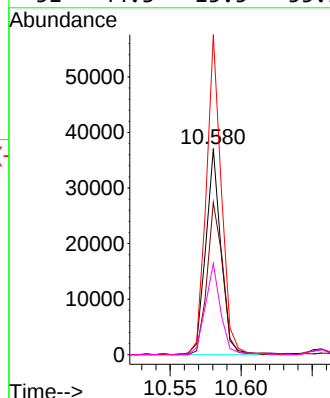
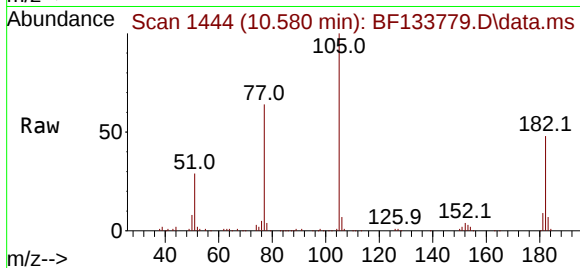
Ion Ratio Lower Upper

77 100

182 74.0 1.6 41.6#

105 155.3 1.6 41.6#

51 44.3 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF133779.D

Acq: 15 Jun 2023 17:22

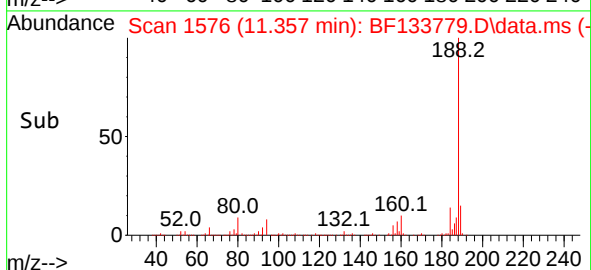
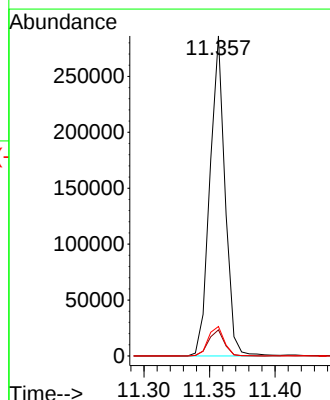
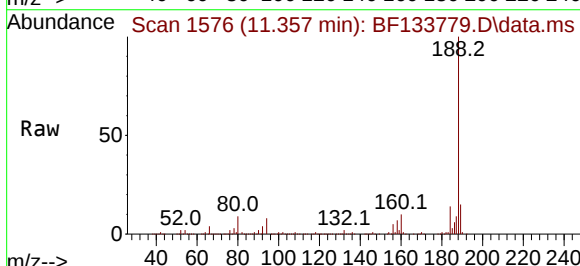
Tgt Ion: 188 Resp: 230935

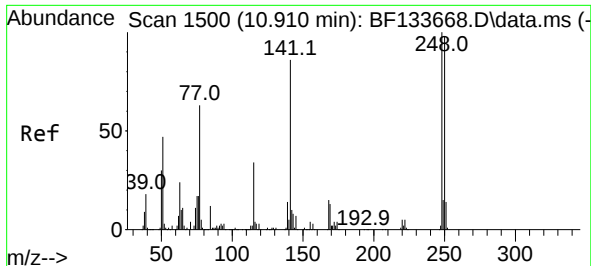
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.2 7.8 11.6

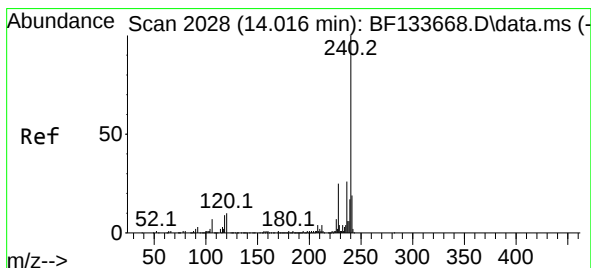
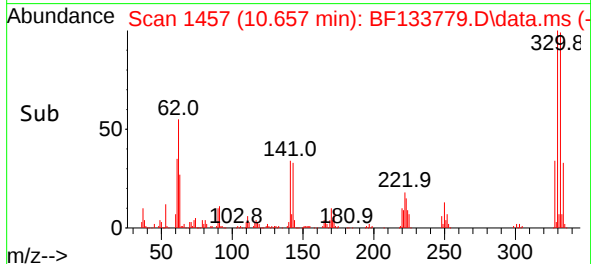
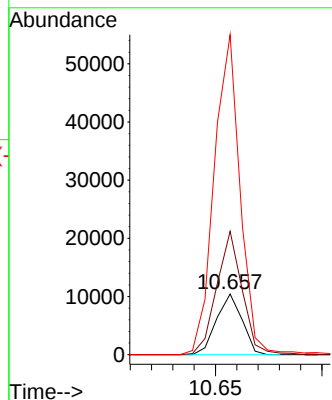
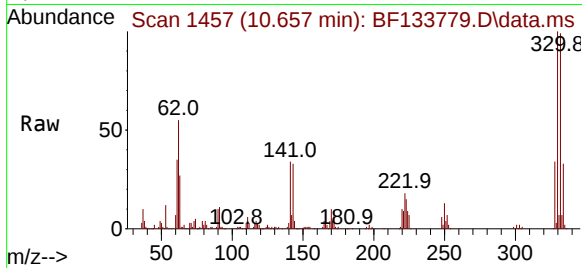




#67
4-Bromophenyl-phenylether
Concen: 3.366 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

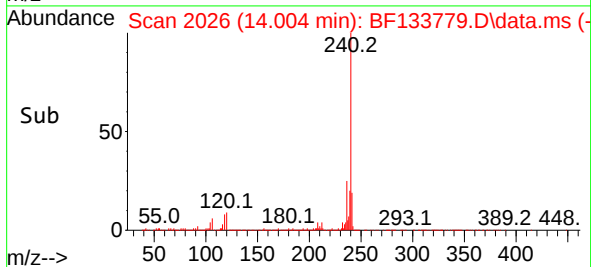
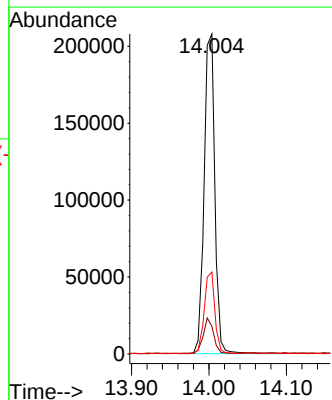
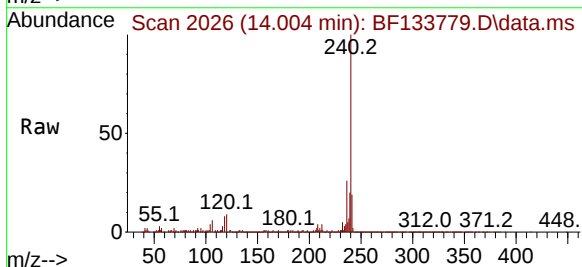
Instrument :
BNA_F
ClientSampleId :
TP-26OA

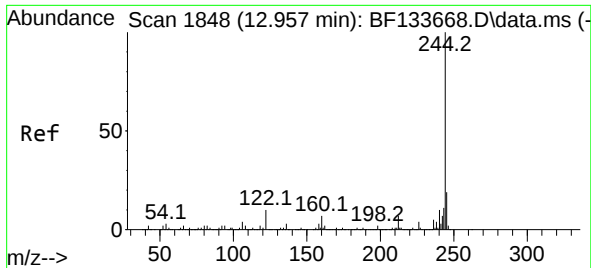
Tgt Ion:248 Resp: 8675
Ion Ratio Lower Upper
248 100
250 203.7 78.3 117.5#
141 528.1 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133779.D
Acq: 15 Jun 2023 17:22

Tgt Ion:240 Resp: 199192
Ion Ratio Lower Upper
240 100
120 8.7 8.1 12.1
236 25.6 20.5 30.7

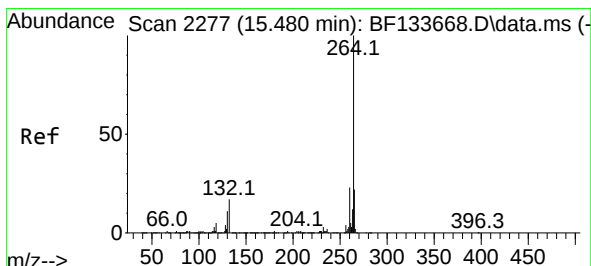
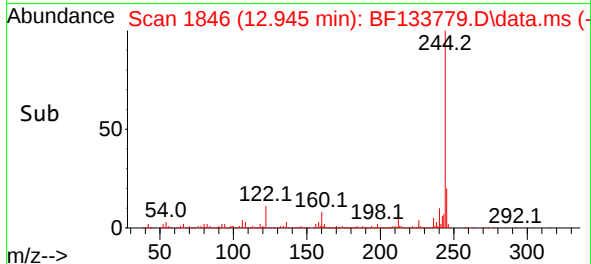
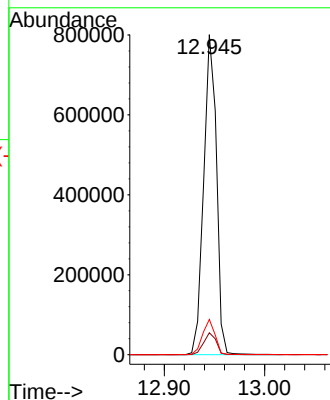
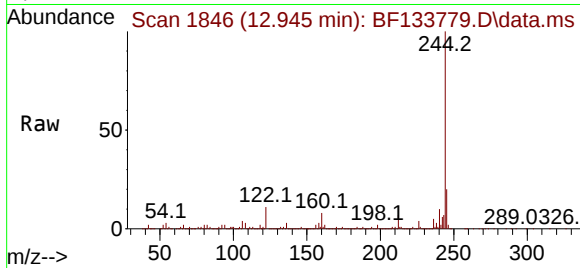




#79
 Terphenyl-d14
 Concen: 55.346 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF133779.D
 Acq: 15 Jun 2023 17:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-26OA

Tgt Ion:244 Resp: 712481
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF133779.D
 Acq: 15 Jun 2023 17:22

Tgt Ion:264 Resp: 153482
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 21.4 17.8 26.6

