

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127343.D
 Acq On : 16 Mar 2022 00:32
 Operator : CG\JU
 Sample : M1914-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 16 05:31:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

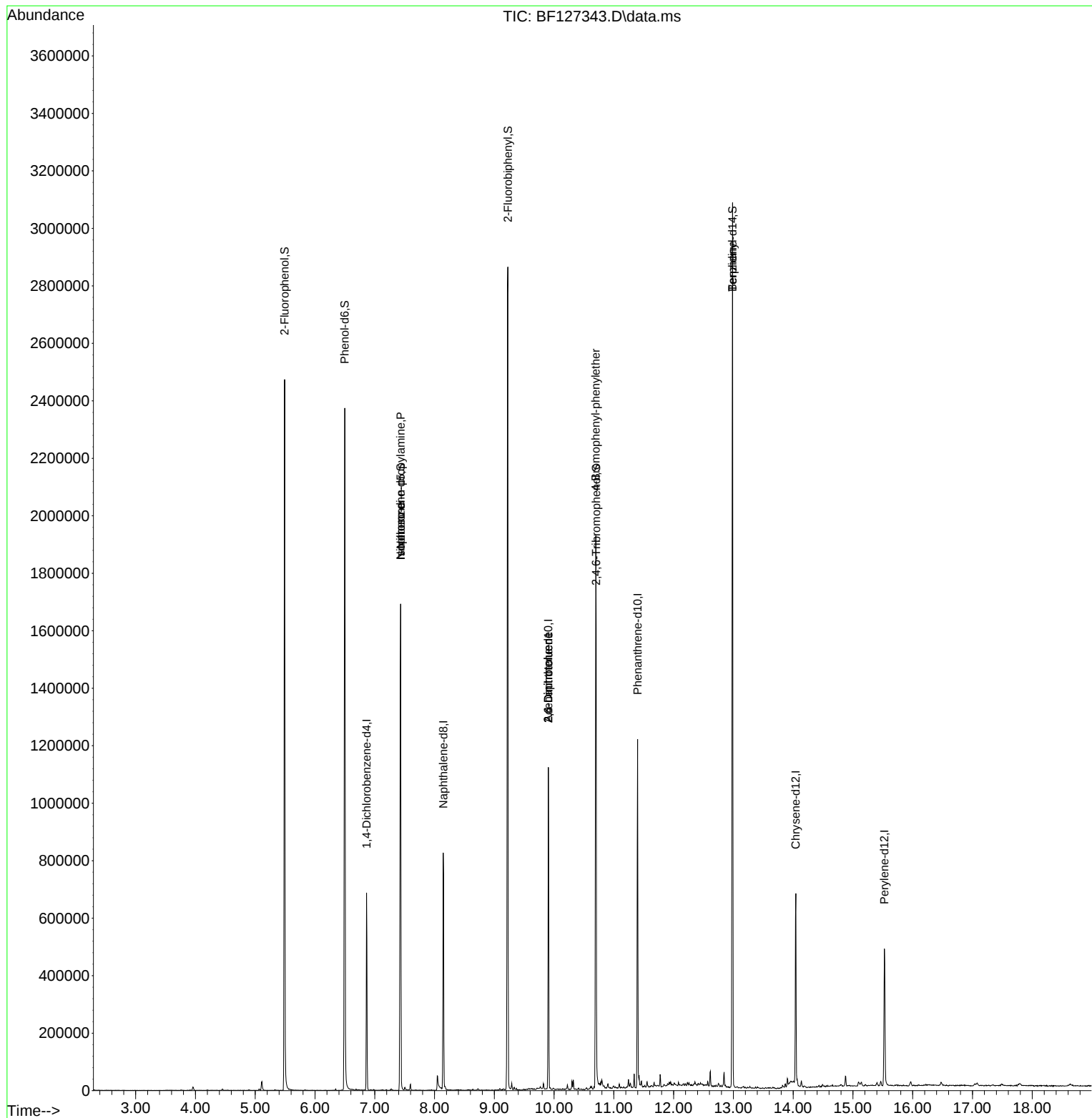
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90998	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	345241	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	214235	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	398989	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	226859	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	216452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	568791	100.482	ng	0.00
7) Phenol-d6	6.498	99	788889	101.308	ng	0.00
23) Nitrobenzene-d5	7.434	82	549061	65.679	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	232869	100.974	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	976762	64.459	ng	0.00
79) Terphenyl-d14	12.986	244	1052418	79.883	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1424	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	74566	15.345	ng	# 84
25) Isophorone	7.434	82	549050	40.845	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	27180	8.753	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	27180	6.653	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	15676	3.259	ng	# 1
77) Benizidine	12.986	184	13666	2.369	ng	# 94

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

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Quant Time: Mar 16 05:31:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

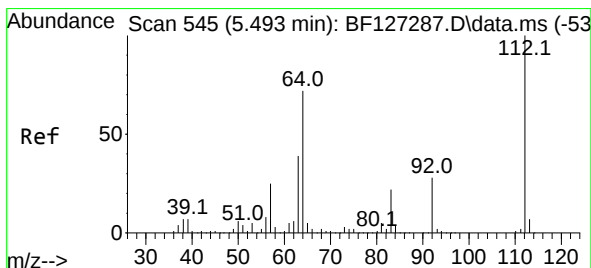
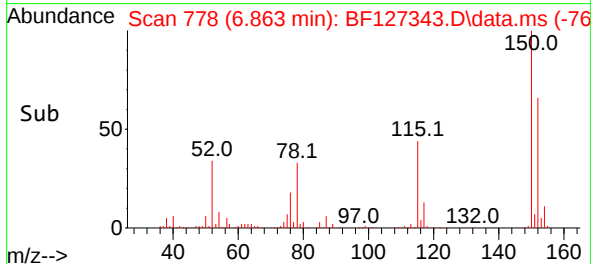
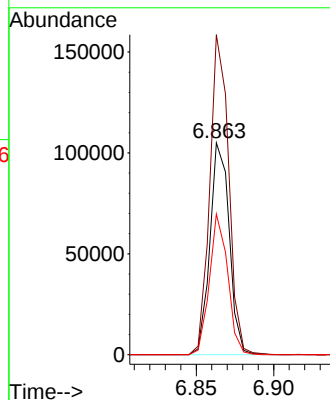
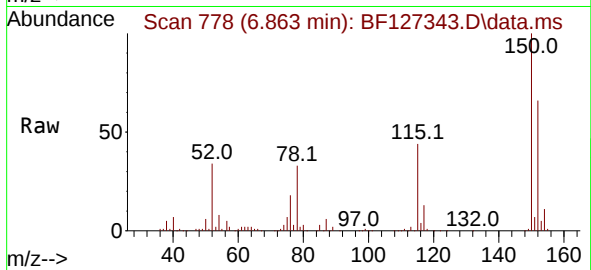




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

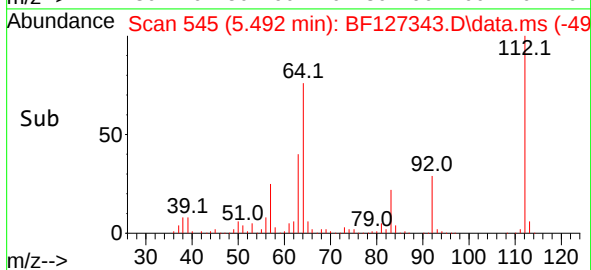
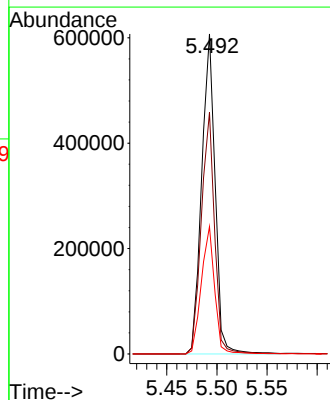
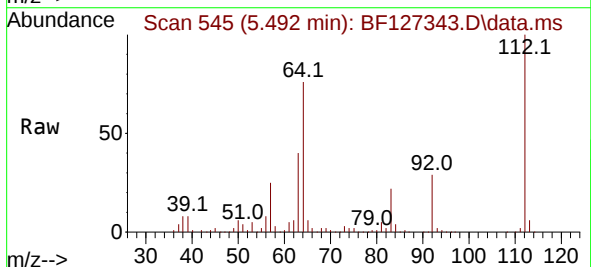
Instrument :
BNA_F
ClientSampleId :
TP-1

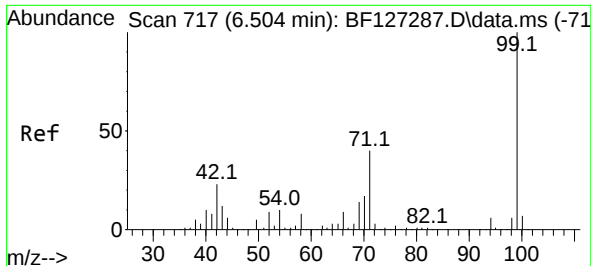
Tgt Ion:152 Resp: 90998
Ion Ratio Lower Upper
152 100
150 151.0 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 100.482 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion:112 Resp: 568791
Ion Ratio Lower Upper
112 100
64 75.5 49.5 74.3#
63 39.8 23.9 35.9#

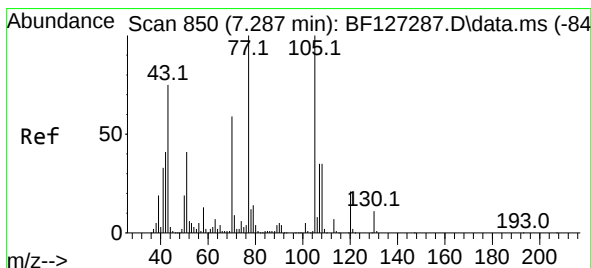
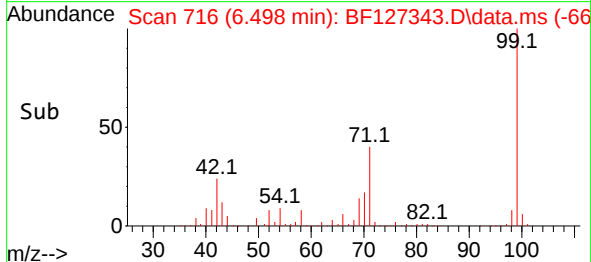
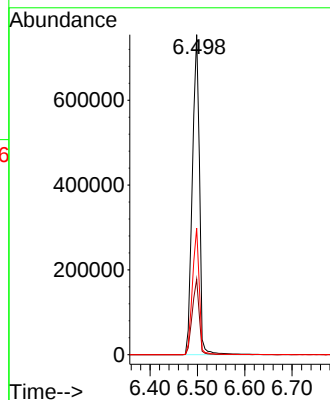
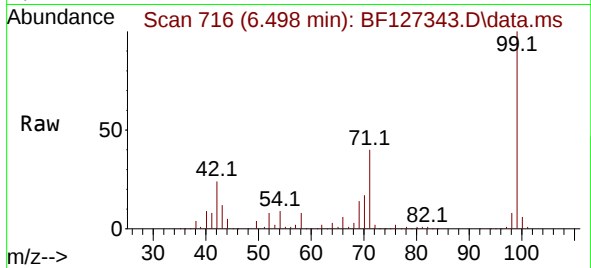




#7
Phenol-d6
Concen: 101.308 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

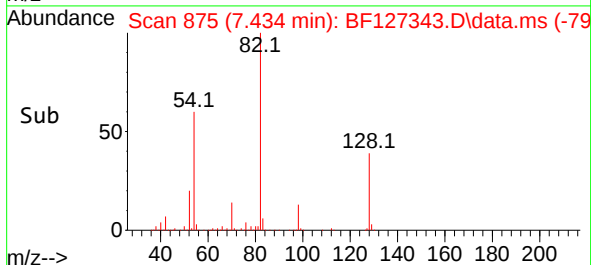
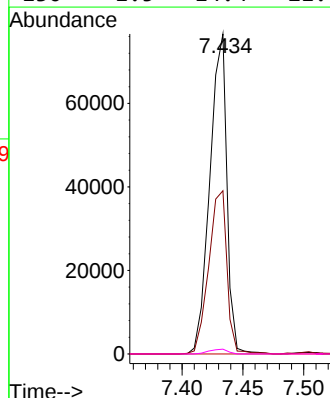
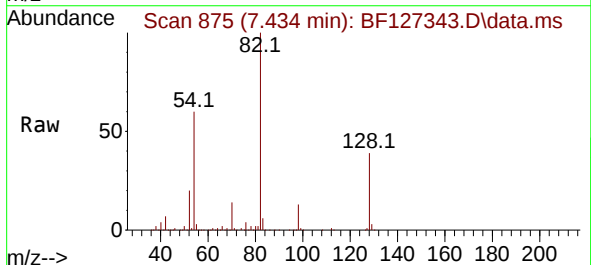
Instrument :
BNA_F
ClientSampleId :
TP-1

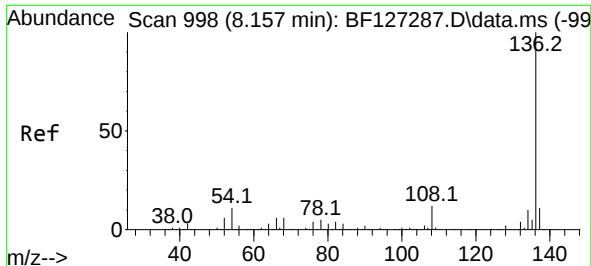
Tgt Ion: 99 Resp: 788889
Ion Ratio Lower Upper
99 100
42 23.6 14.2 21.4#
71 39.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.345 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion: 70 Resp: 74566
Ion Ratio Lower Upper
70 100
42 51.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

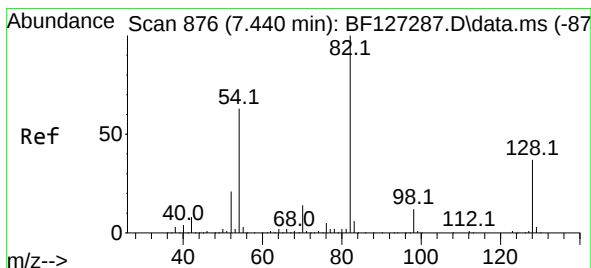
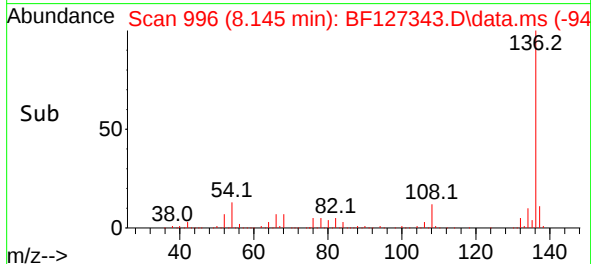
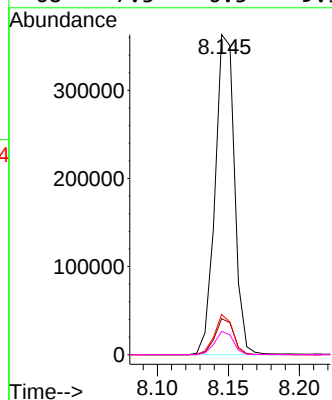
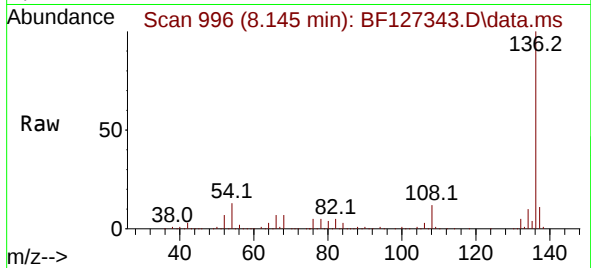




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

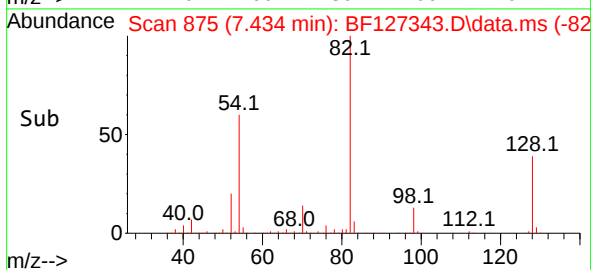
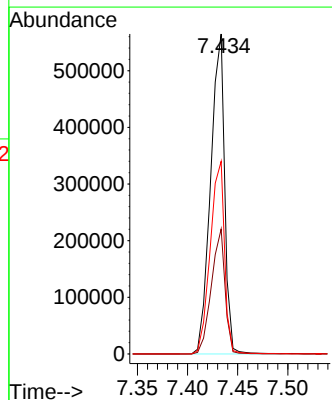
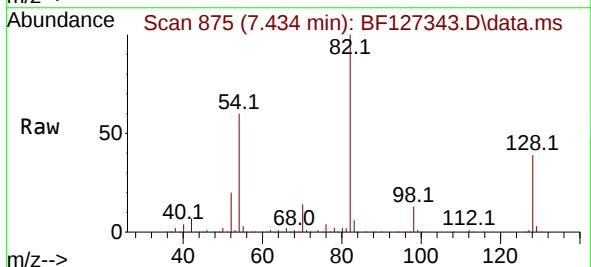
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 345241
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 12.6 7.8 11.6#
68 7.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 65.679 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion: 82 Resp: 549061
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 60.2 41.7 62.5

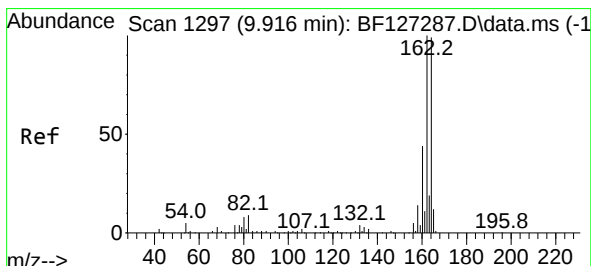
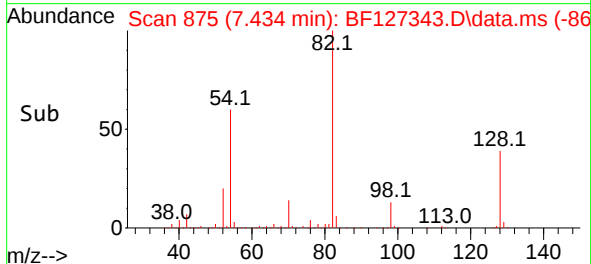
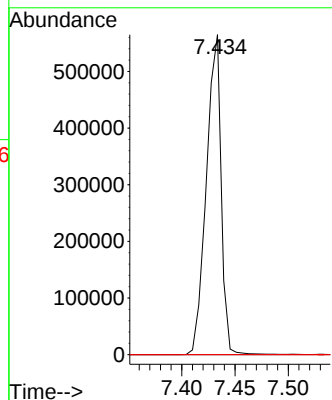
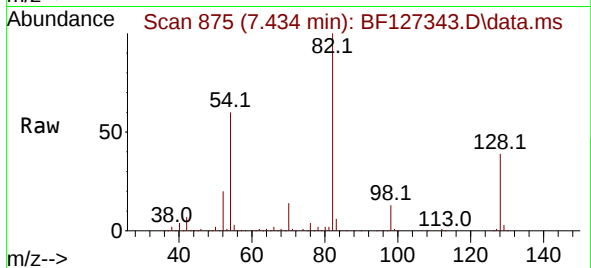




#25
Isophorone
Concen: 40.845 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

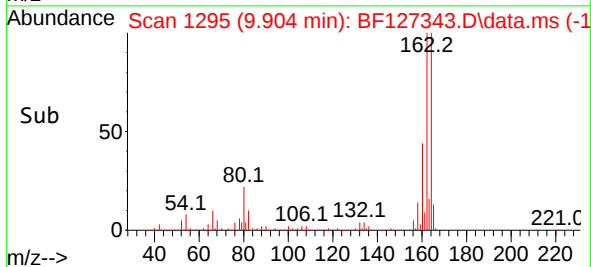
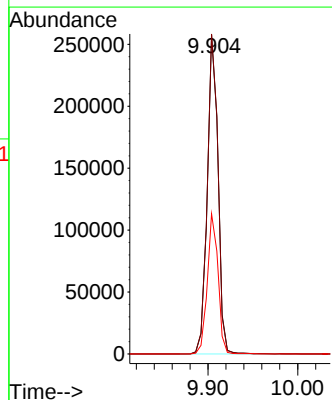
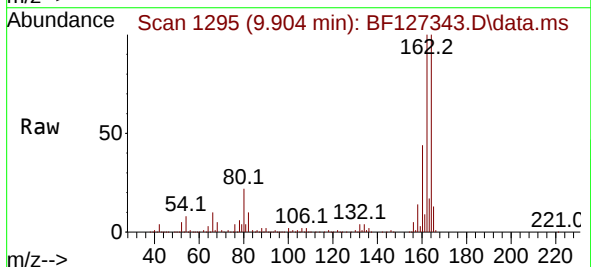
Instrument :
BNA_F
ClientSampleId :
TP-1

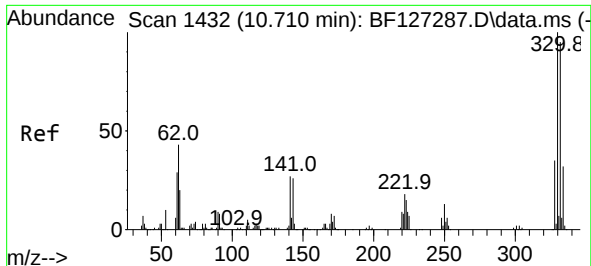
Tgt Ion: 82 Resp: 549050
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion:164 Resp: 214235
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 43.9 36.6 54.8

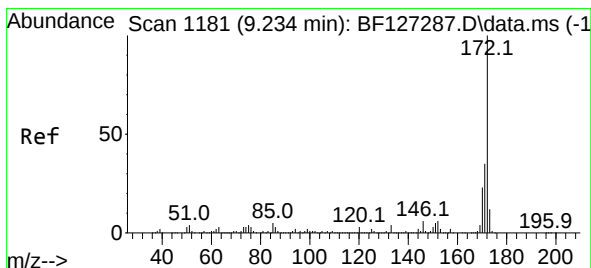
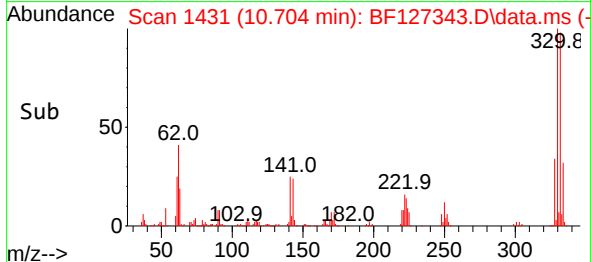
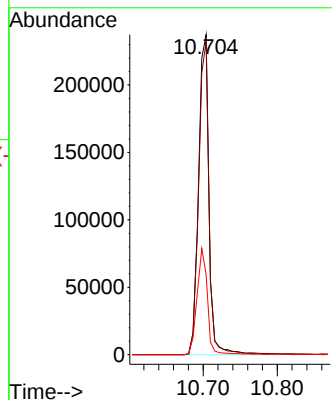
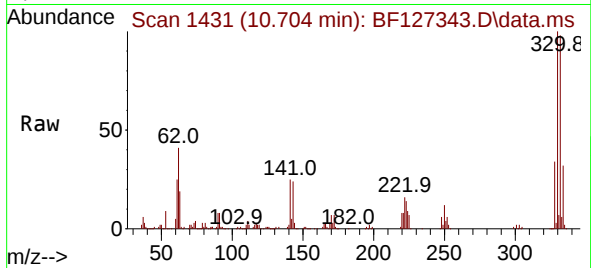




#42
2,4,6-Tribromophenol
Concen: 100.974 ng
RT: 10.704 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

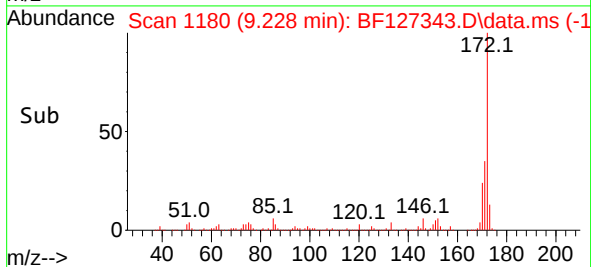
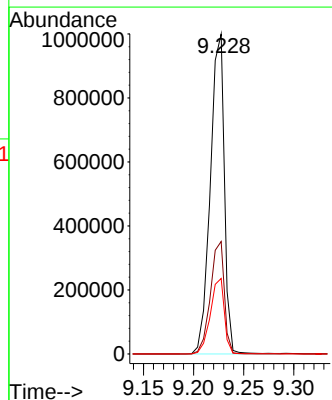
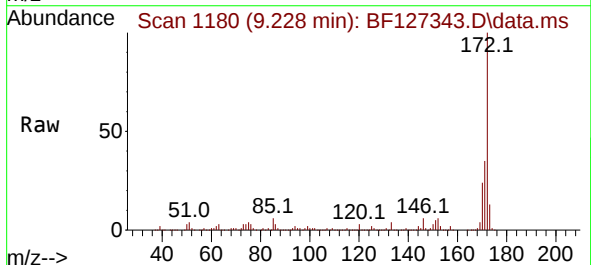
Instrument :
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ClientSampleId :
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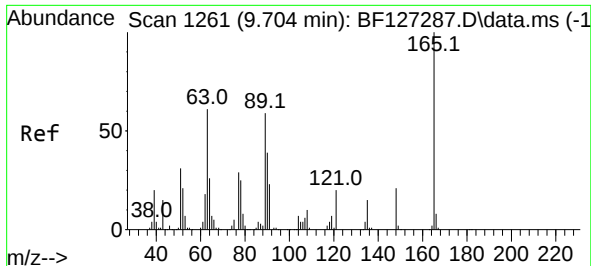
Tgt Ion:330 Resp: 232869
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 33.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 64.459 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion:172 Resp: 976762
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 19.0 28.6

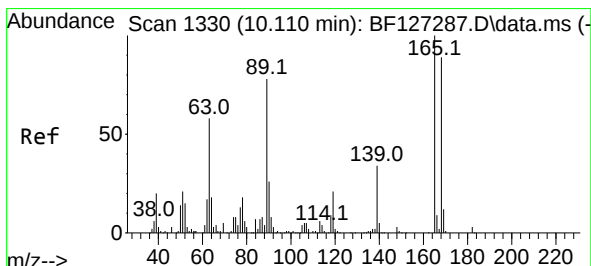
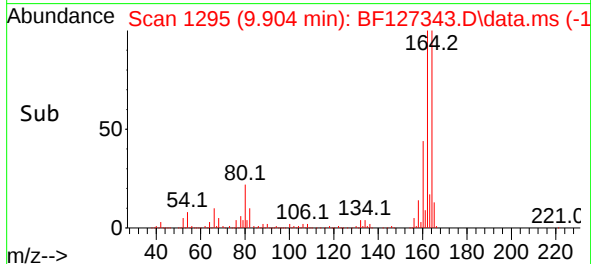
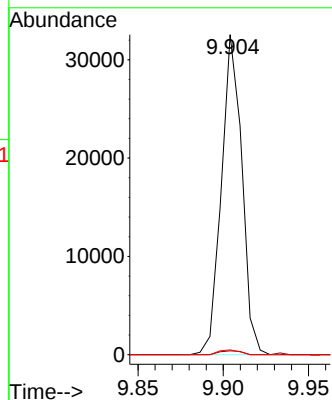
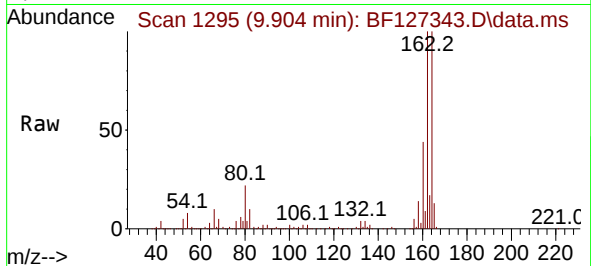




#51
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

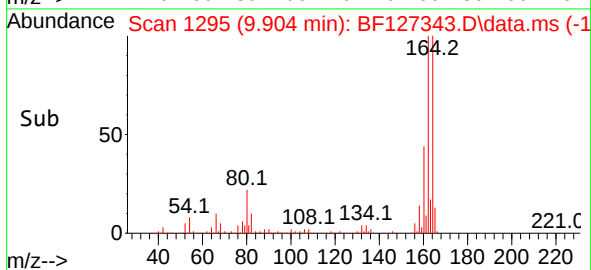
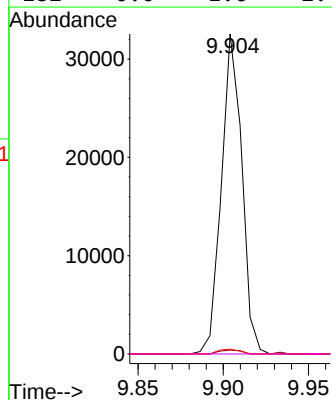
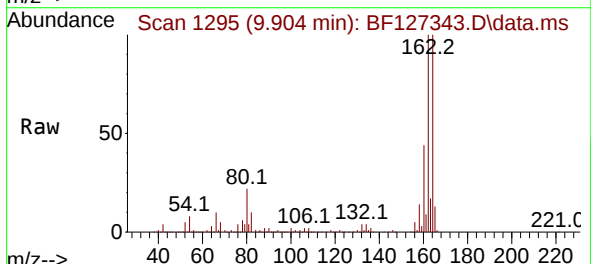
Instrument :
BNA_F
ClientSampleId :
TP-1

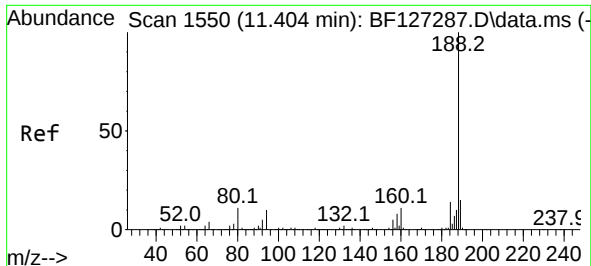
Tgt Ion:165 Resp: 27180
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion:165 Resp: 27180
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

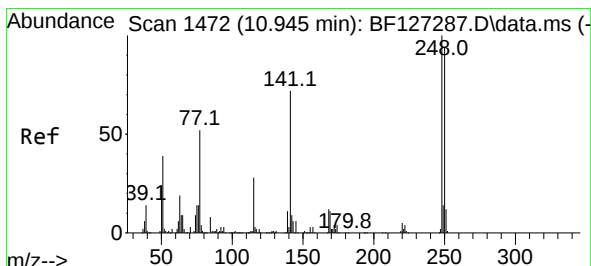
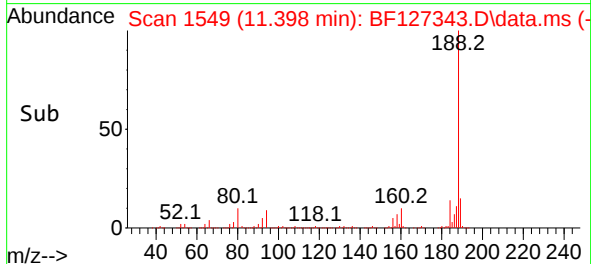
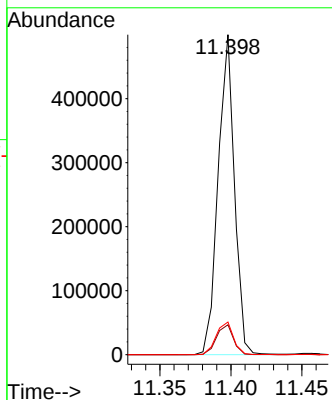
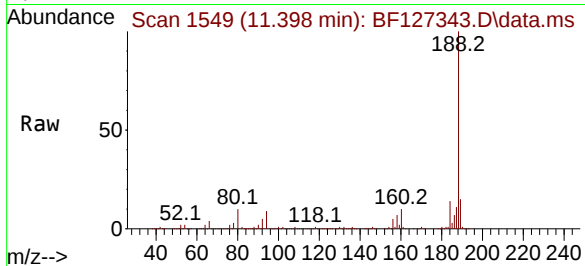




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

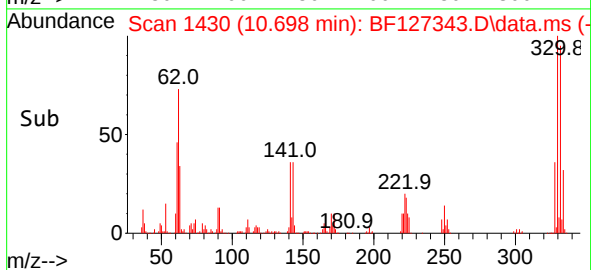
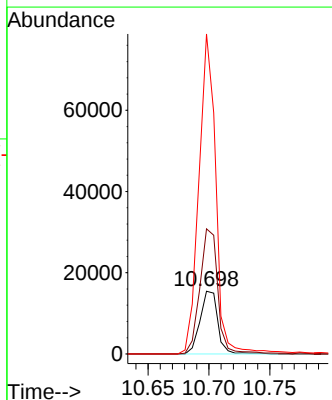
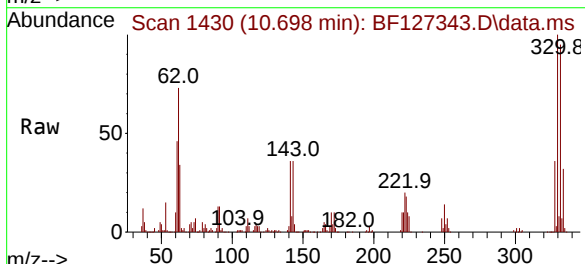
Instrument :
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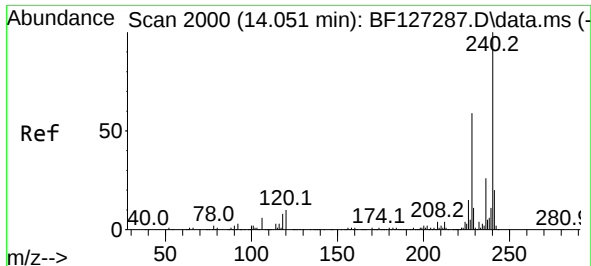
Tgt Ion:188 Resp: 398989
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.259 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion:248 Resp: 15676
Ion Ratio Lower Upper
248 100
250 199.4 76.2 114.4#
141 509.9 66.2 99.4#

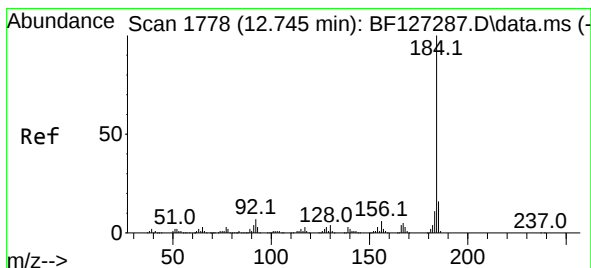
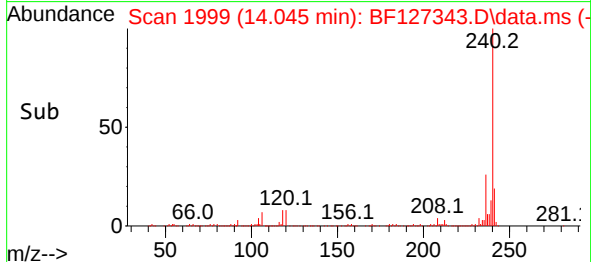
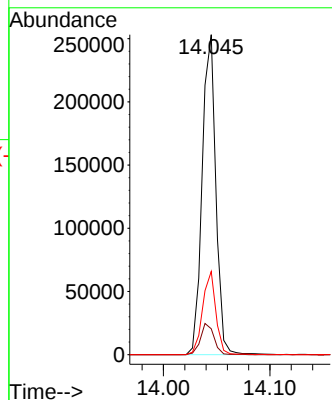
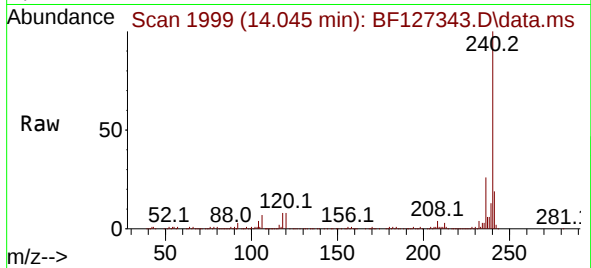




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

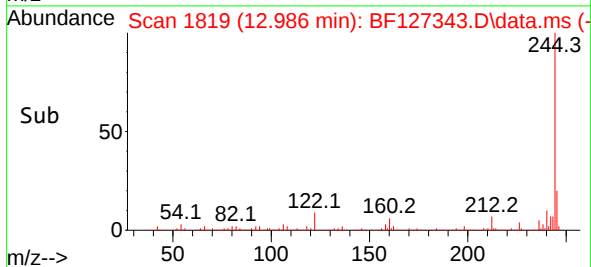
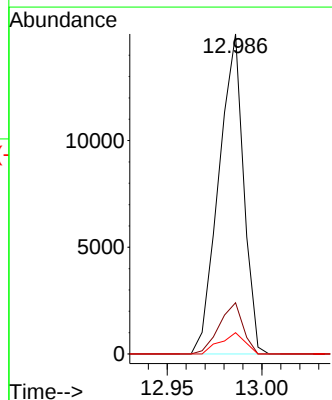
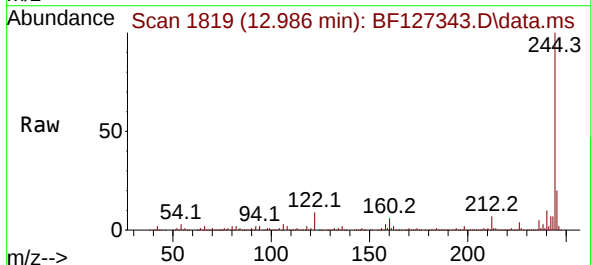
Instrument :
BNA_F
ClientSampleId :
TP-1

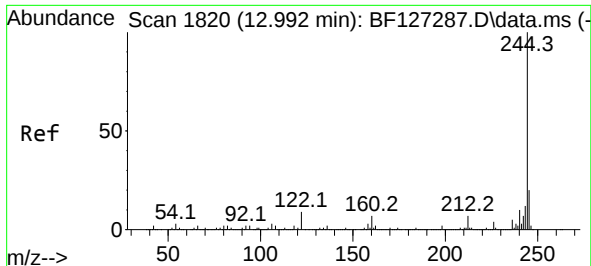
Tgt Ion:240 Resp: 226859
Ion Ratio Lower Upper
240 100
120 8.1 14.4 21.6#
236 26.0 20.5 30.7



#77
Benzidine
Concen: 2.369 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127343.D
Acq: 16 Mar 2022 00:32

Tgt Ion:184 Resp: 13666
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 6.6 8.2 12.2#

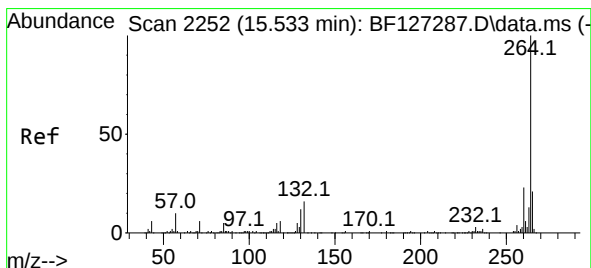
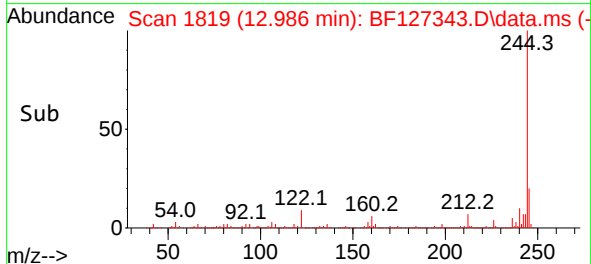
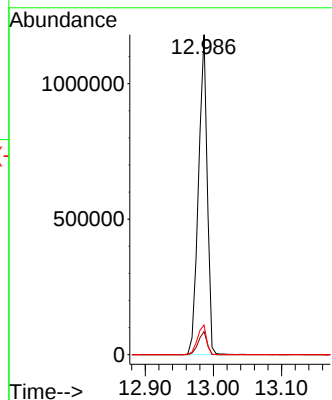
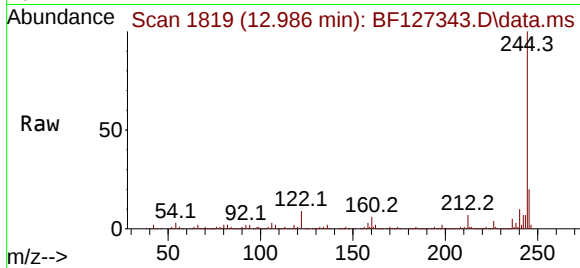




#79
 Terphenyl-d14
 Concen: 79.883 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127343.D
 Acq: 16 Mar 2022 00:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1052418
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 9.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127343.D
 Acq: 16 Mar 2022 00:32

Tgt Ion:264 Resp: 216452
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.4 26.2

