

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127339.D
 Acq On : 15 Mar 2022 22:37
 Operator : CG\JU
 Sample : N1922-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7PH-2-8.5-9

Quant Time: Mar 16 05:31:30 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)

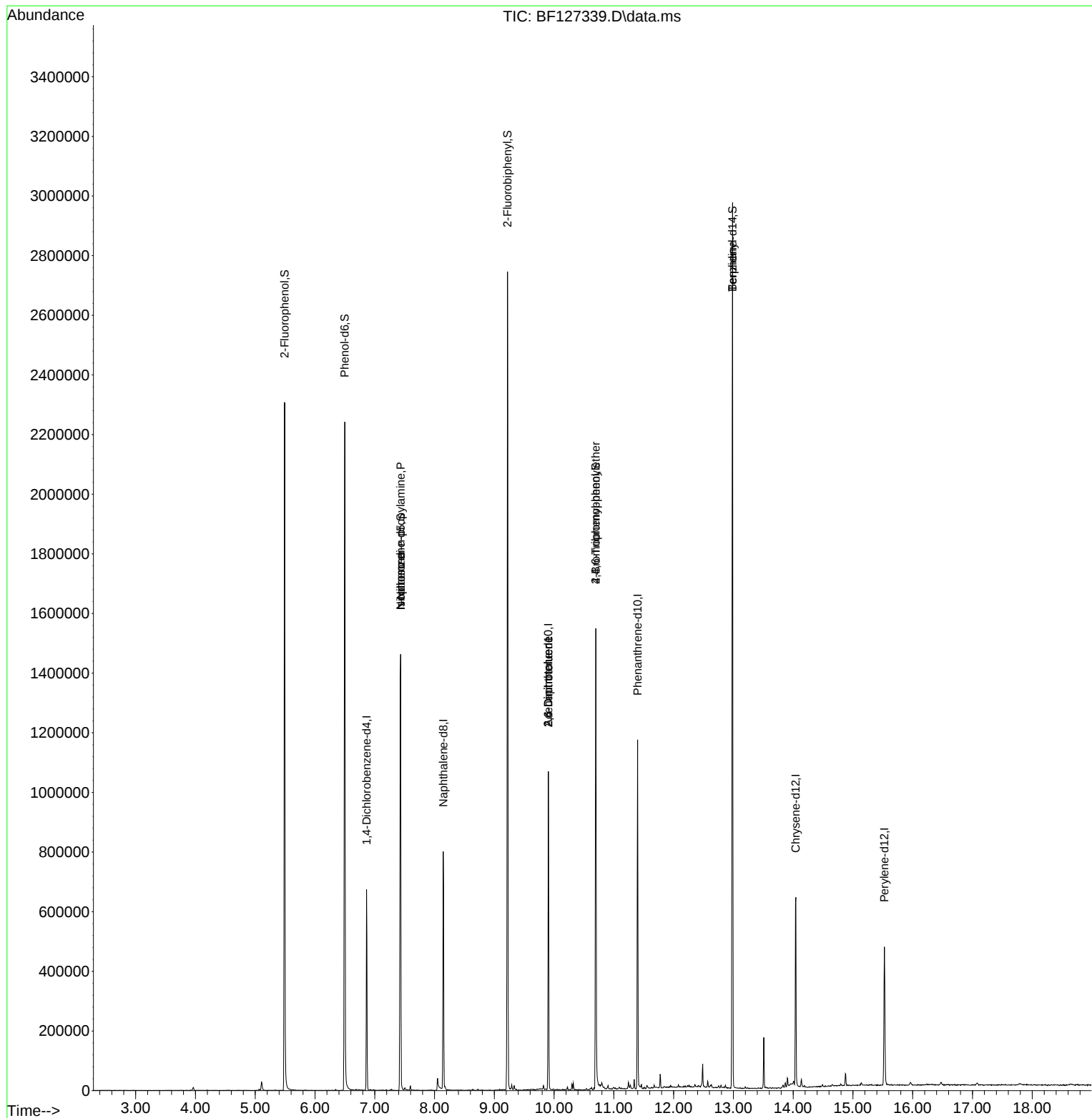
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89521	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	337423	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	200071	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	384256	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	232570	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	208185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	523483	94.004	ng	0.00
7) Phenol-d6	6.498	99	710933	92.803	ng	0.00
23) Nitrobenzene-d5	7.434	82	491079	60.104	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169079	78.504	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	872513	61.656	ng	-0.01
79) Terphenyl-d14	12.986	244	1008670	74.682	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1268	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	66637	13.939	ng	# 86
25) Isophorone	7.434	82	491072	37.378	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	25962	8.952	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	25962	6.804	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	11238	2.426	ng	# 1
77) Benizidine	12.986	184	13056	2.208	ng	# 95

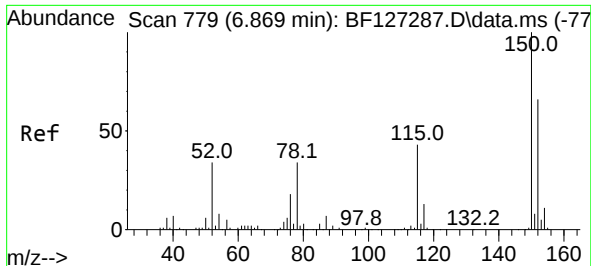
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127339.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

Quant Time: Mar 16 05:31:30 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

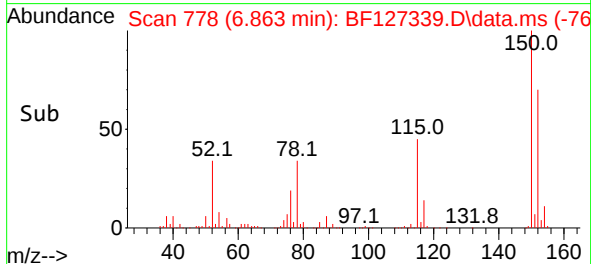
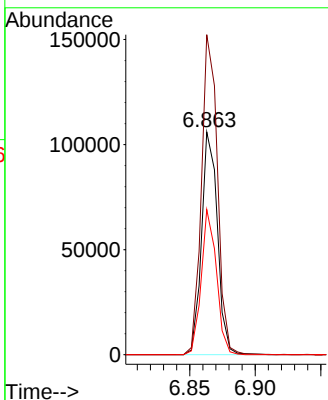
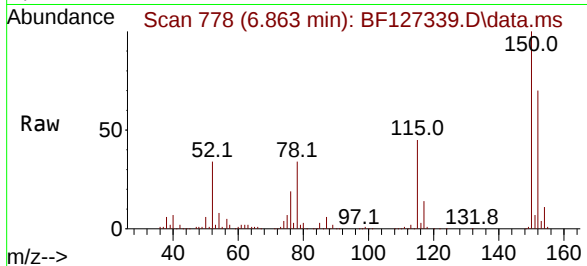




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 779
 Delta R.T. -0.006 min
 Lab File: BF127339.D
 Acq: 15 Mar 2022 22:37

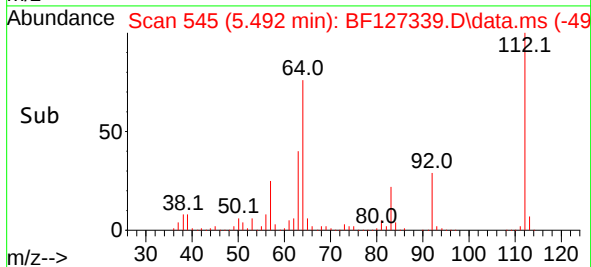
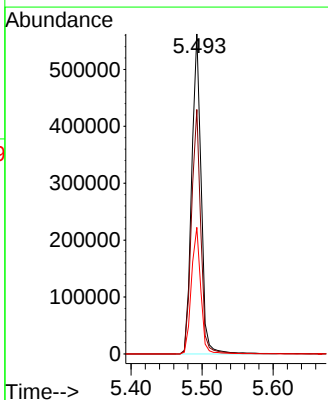
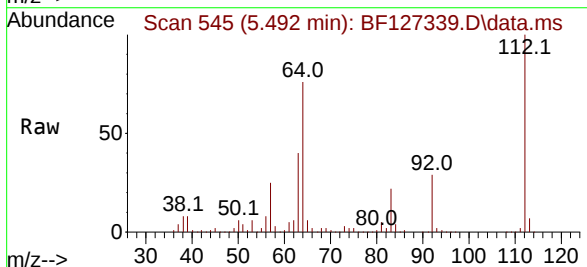
Instrument :
 BNA_F
 ClientSampleId :
 7PH-2-8.5-9

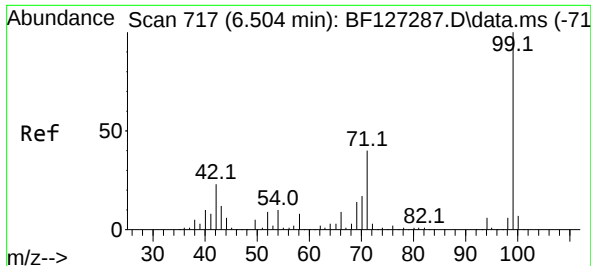
Tgt Ion:152 Resp: 89521
 Ion Ratio Lower Upper
 152 100
 150 143.7 128.1 192.1
 115 65.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 94.004 ng
 RT: 5.492 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF127339.D
 Acq: 15 Mar 2022 22:37

Tgt Ion:112 Resp: 523483
 Ion Ratio Lower Upper
 112 100
 64 76.4 49.5 74.3#
 63 39.5 23.9 35.9#

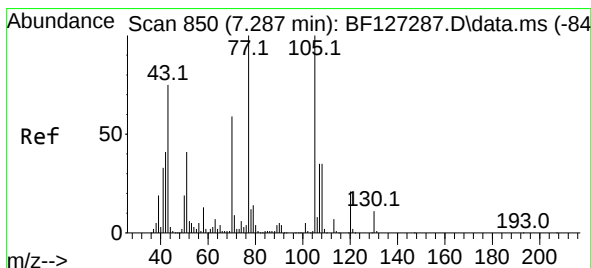
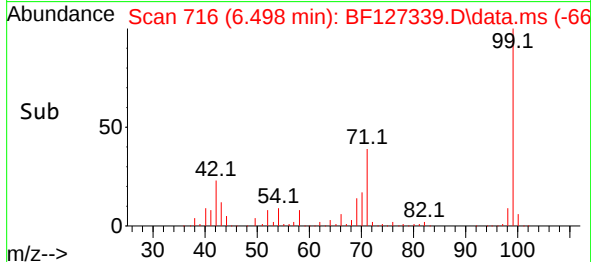
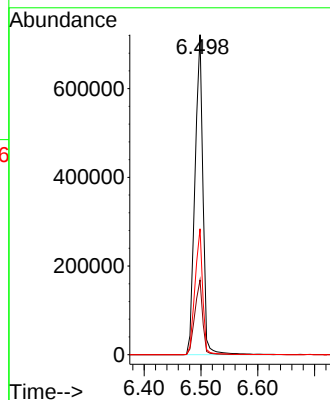
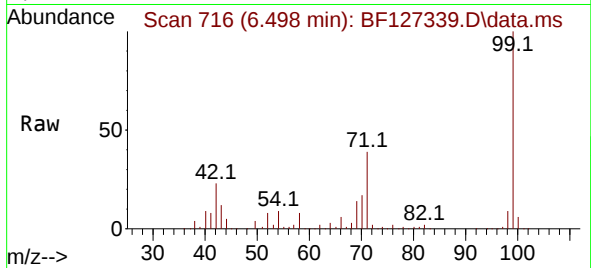




#7
Phenol-d6
Concen: 92.803 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

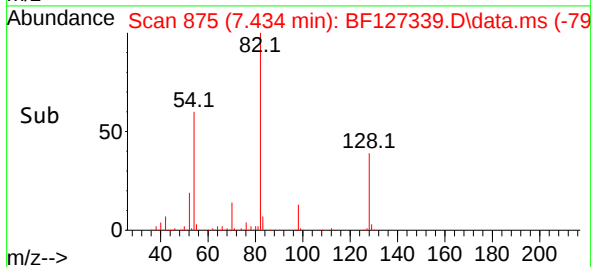
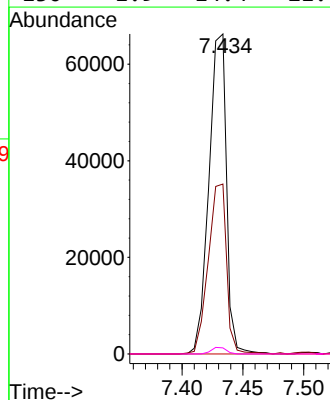
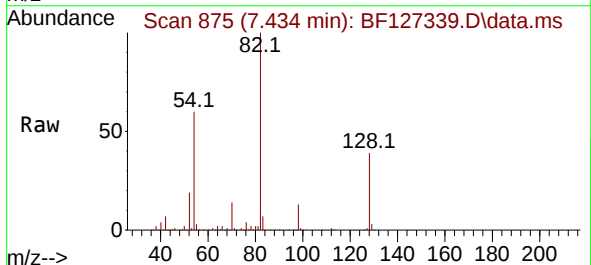
Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

Tgt Ion: 99 Resp: 710933
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 39.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.939 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

Tgt Ion: 70 Resp: 66637
Ion Ratio Lower Upper
70 100
42 53.1 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

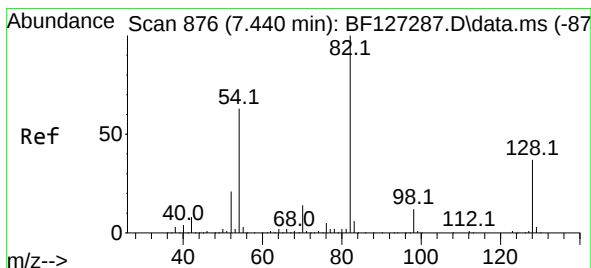
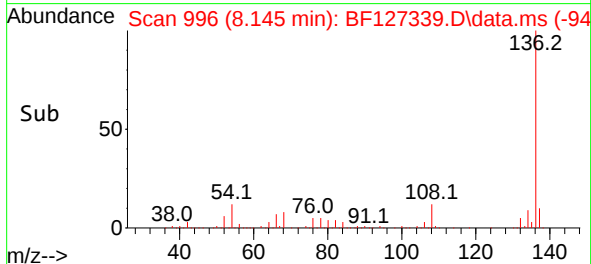
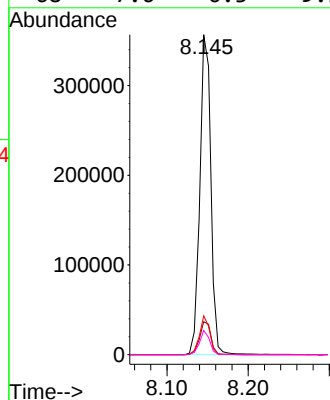
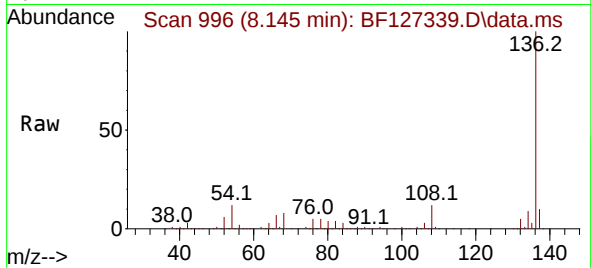




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

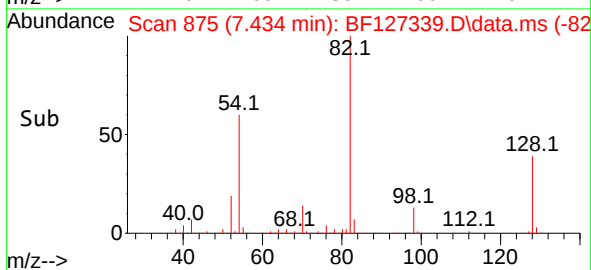
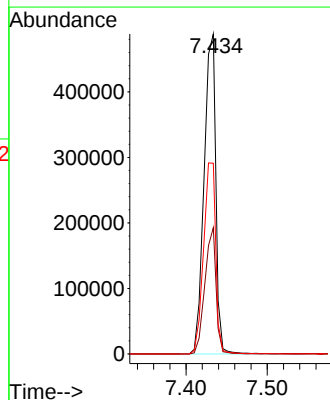
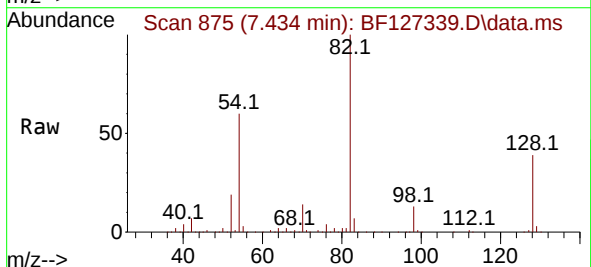
Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

Tgt Ion:136 Resp: 337423
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 12.1 7.8 11.6#
68 7.6 6.3 9.5



#23
Nitrobenzene-d5
Concen: 60.104 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

Tgt Ion: 82 Resp: 491079
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 59.6 41.7 62.5

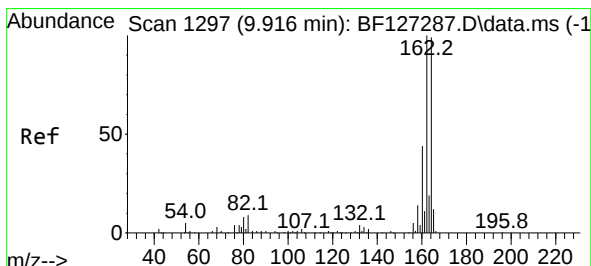
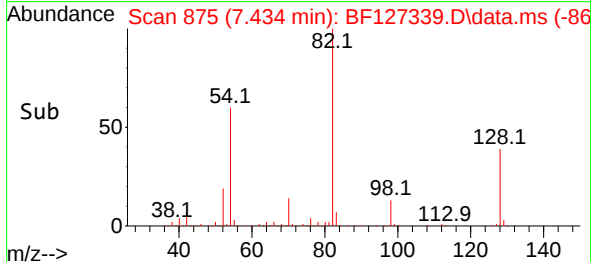
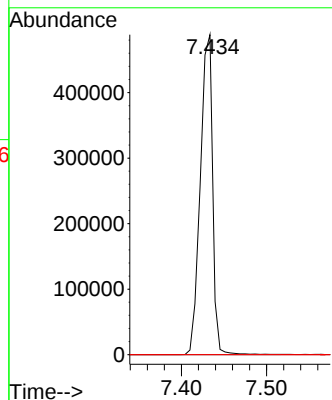
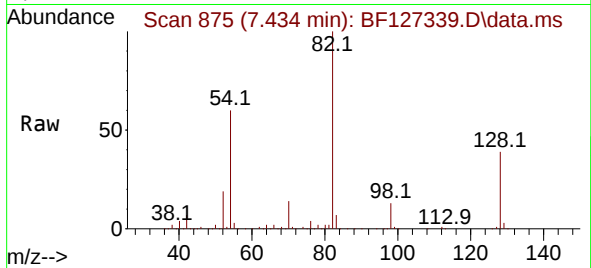




#25
Isophorone
Concen: 37.378 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

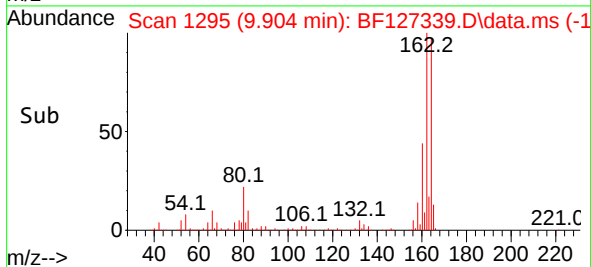
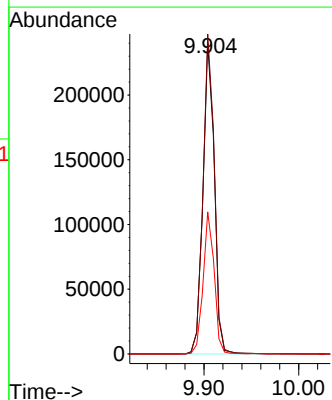
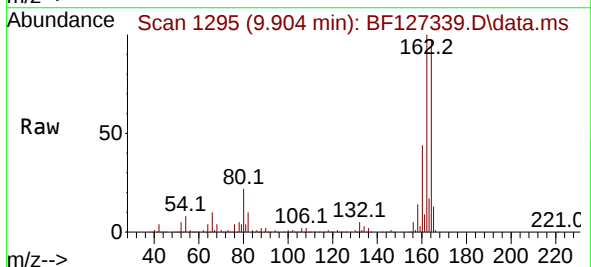
Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

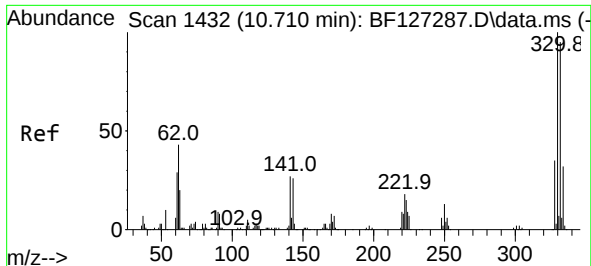
Tgt Ion: 82 Resp: 491072
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

Tgt Ion: 164 Resp: 200071
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 78.504 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127339.D

Acq: 15 Mar 2022 22:37

Instrument :

BNA_F

ClientSampleId :

7PH-2-8.5-9

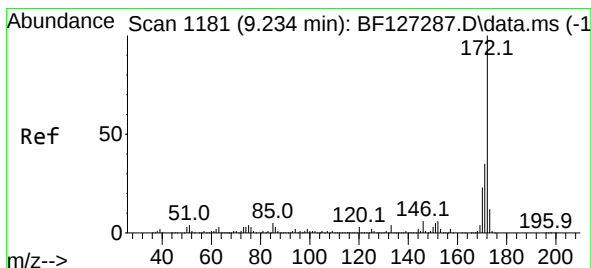
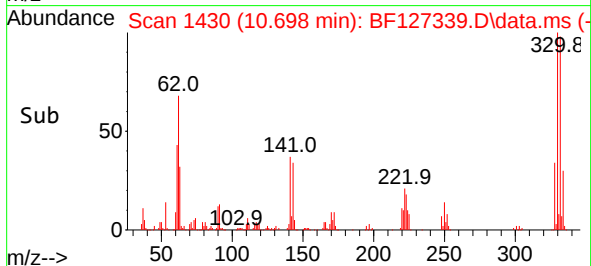
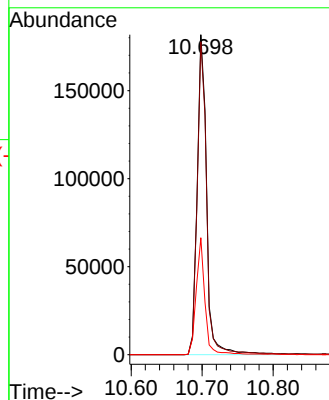
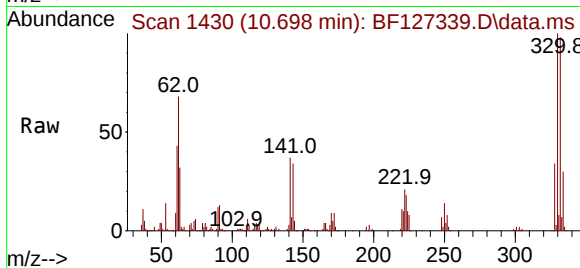
Tgt Ion:330 Resp: 169079

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 33.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 61.656 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127339.D

Acq: 15 Mar 2022 22:37

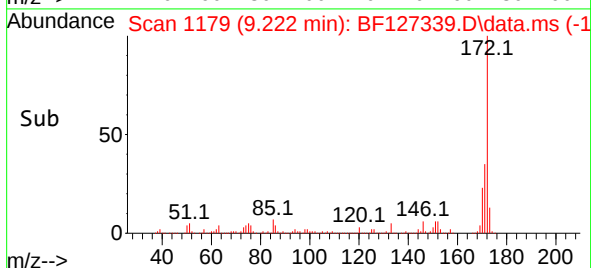
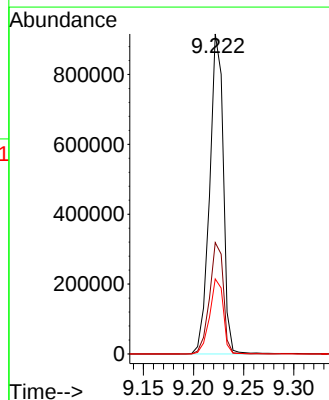
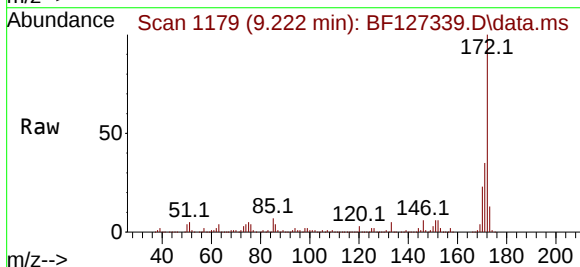
Tgt Ion:172 Resp: 872513

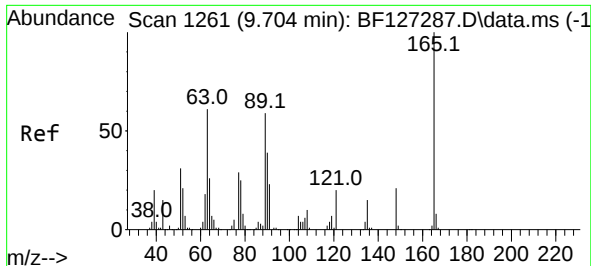
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6

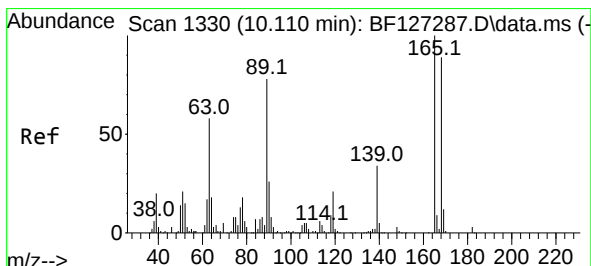
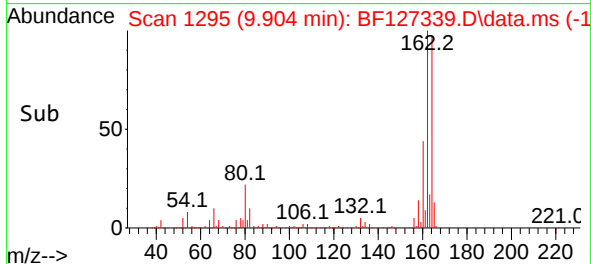
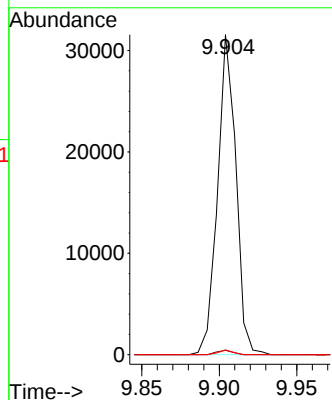
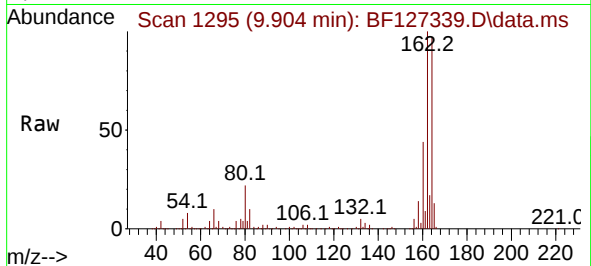




#51
2,6-Dinitrotoluene
Concen: 8.952 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

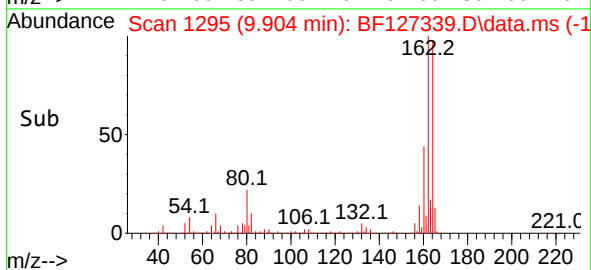
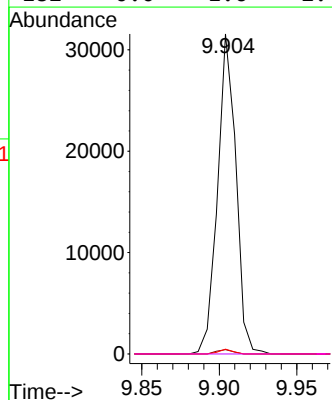
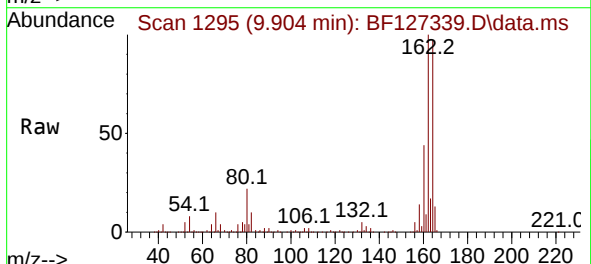
Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

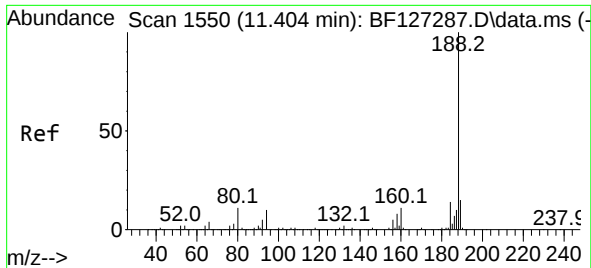
Tgt Ion:165 Resp: 25962
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.804 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

Tgt Ion:165 Resp: 25962
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

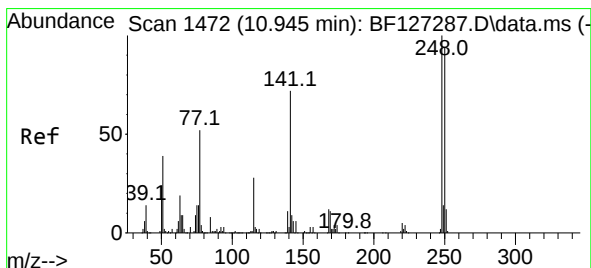
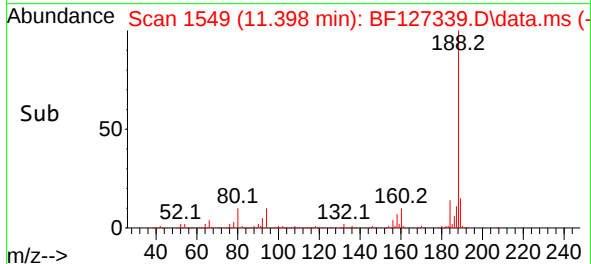
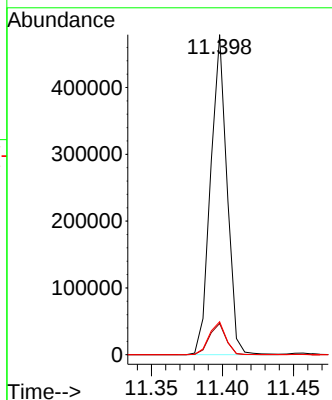
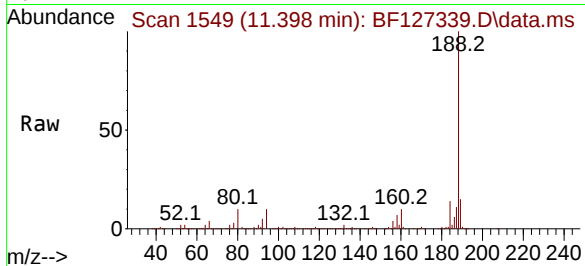




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

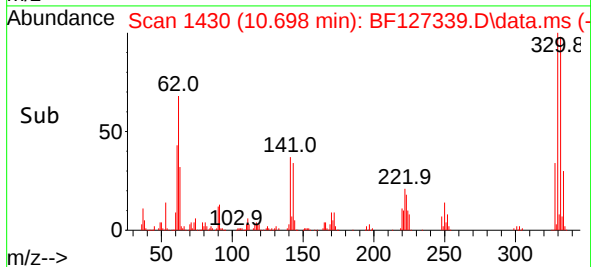
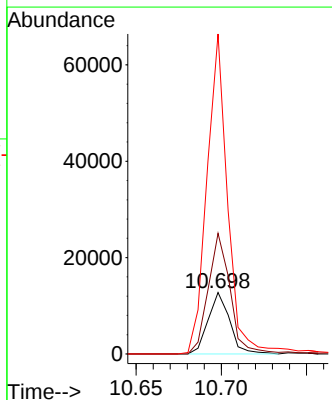
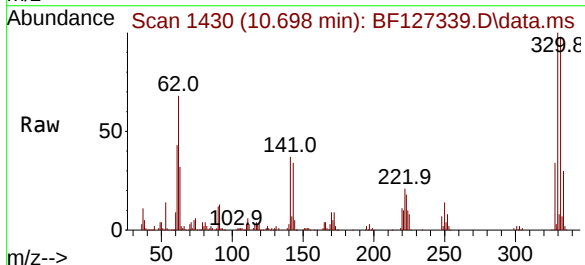
Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

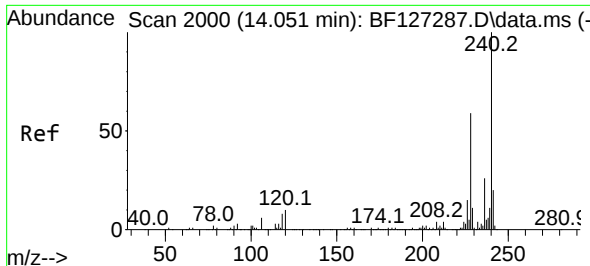
Tgt Ion:188 Resp: 384256
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.426 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

Tgt Ion:248 Resp: 11238
Ion Ratio Lower Upper
248 100
250 196.2 76.2 114.4#
141 520.4 66.2 99.4#

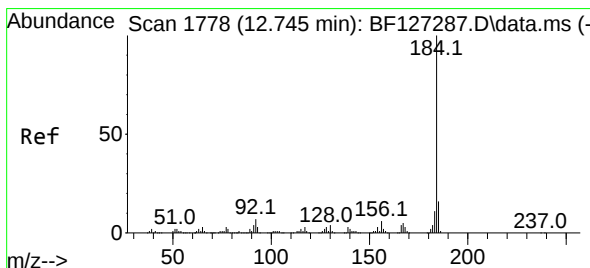
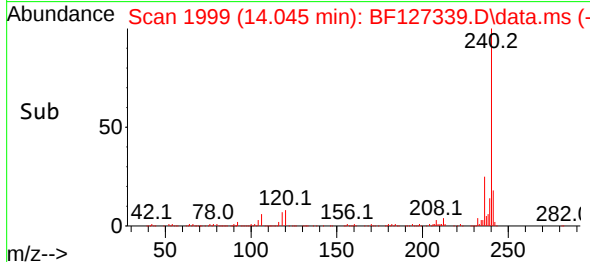
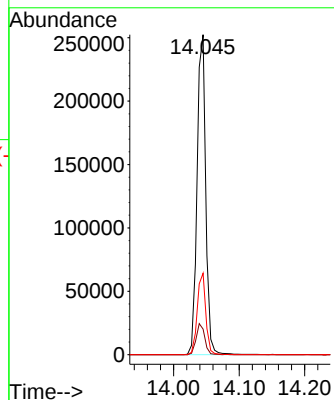
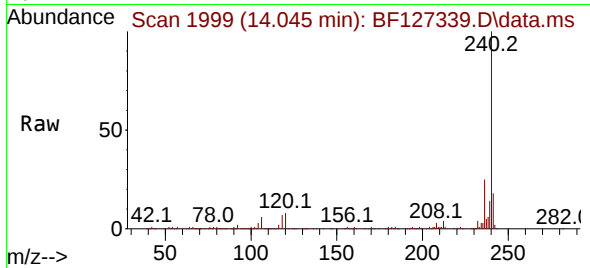




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

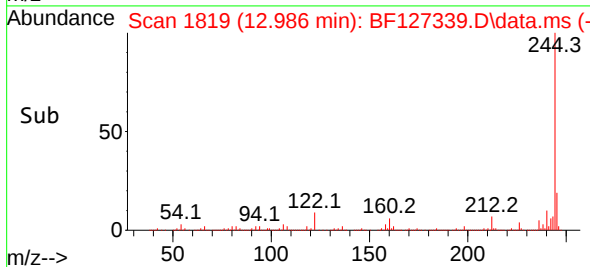
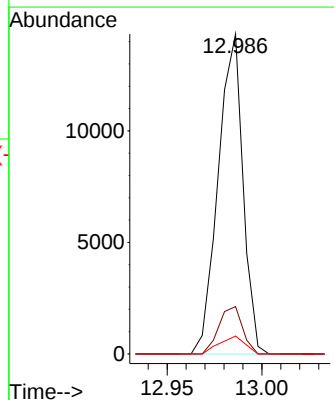
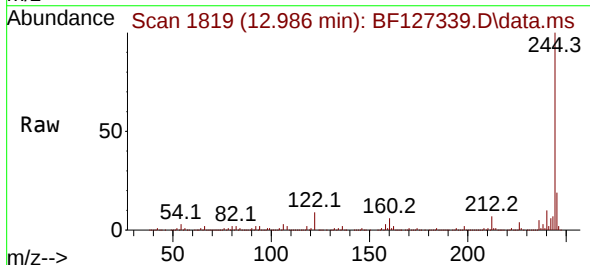
Instrument :
BNA_F
ClientSampleId :
7PH-2-8.5-9

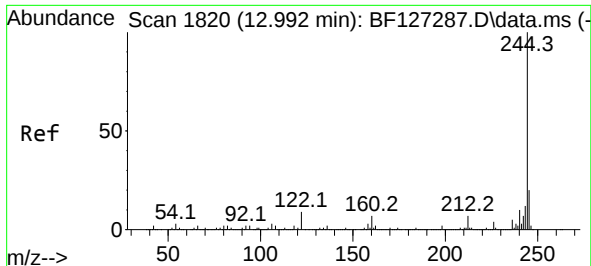
Tgt Ion:240 Resp: 232570
Ion Ratio Lower Upper
240 100
120 8.0 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.208 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127339.D
Acq: 15 Mar 2022 22:37

Tgt Ion:184 Resp: 13056
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 5.6 8.2 12.2#

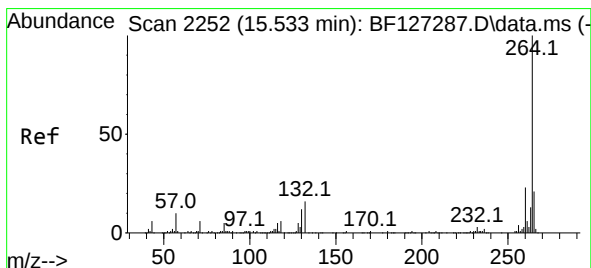
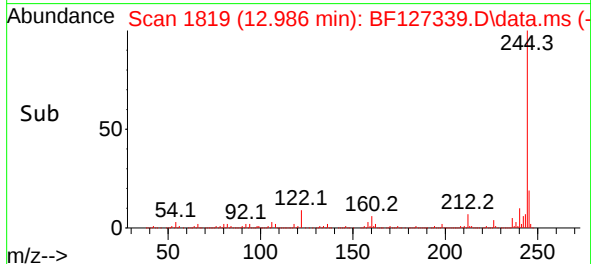
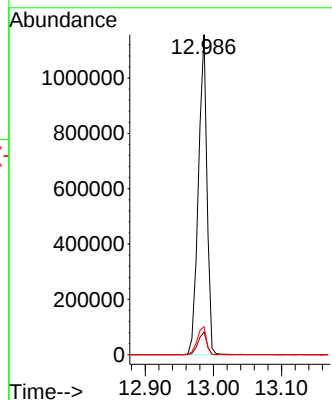
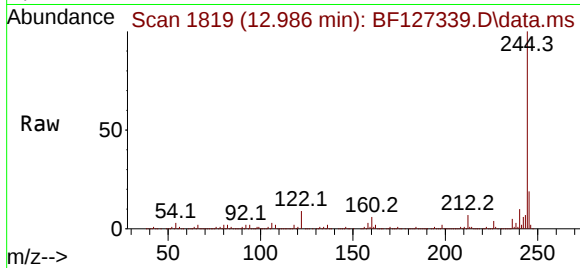




#79
 Terphenyl-d14
 Concen: 74.682 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127339.D
 Acq: 15 Mar 2022 22:37

Instrument :
 BNA_F
 ClientSampleId :
 7PH-2-8.5-9

Tgt Ion:244 Resp: 1008670
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 8.8 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: BF127339.D
 Acq: 15 Mar 2022 22:37

Tgt Ion:264 Resp: 208185
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.3 17.4 26.2

