

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127079.D
 Acq On : 25 Feb 2022 19:09
 Operator : CG\JU
 Sample : N1669-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-PAD

Quant Time: Feb 26 01:40:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

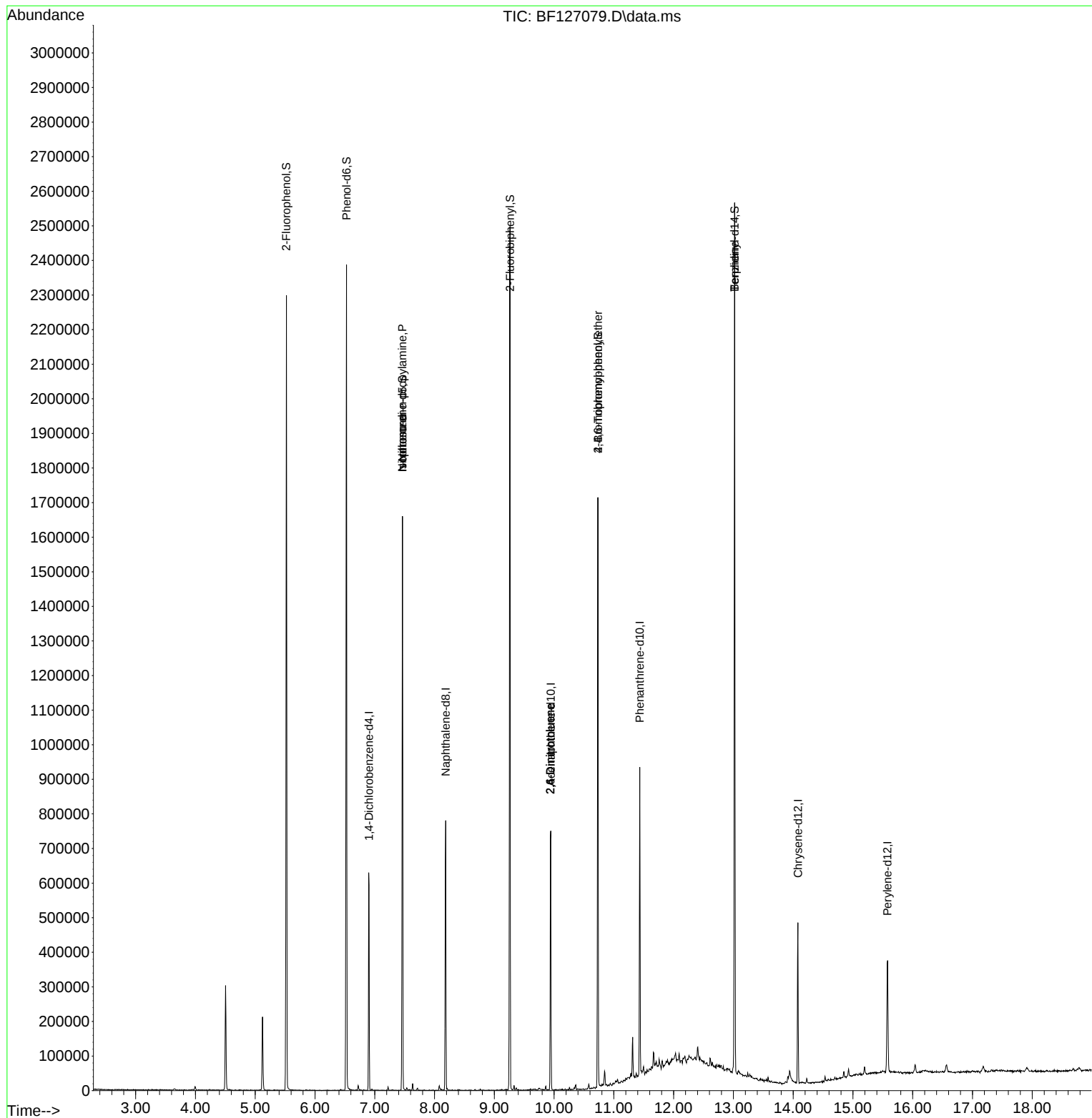
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	88182	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	313921	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	149636	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	271867	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	139021	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	139998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	521884	91.471	ng	0.00
7) Phenol-d6	6.528	99	707149	91.853	ng	-0.01
23) Nitrobenzene-d5	7.463	82	499917	71.881	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	170128	98.748	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	731448	71.962	ng	0.00
79) Terphenyl-d14	13.022	244	725398	76.705	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	68508	13.810	ng	# 78
25) Isophorone	7.463	82	498626	43.327	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	19016	8.739	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	19016	6.463	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	10406	3.426	ng	# 1
77) Benzidine	13.022	184	11470	3.036	ng	# 94

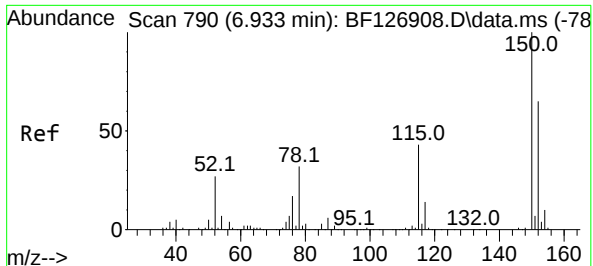
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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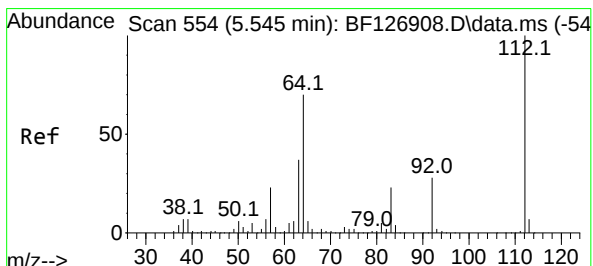
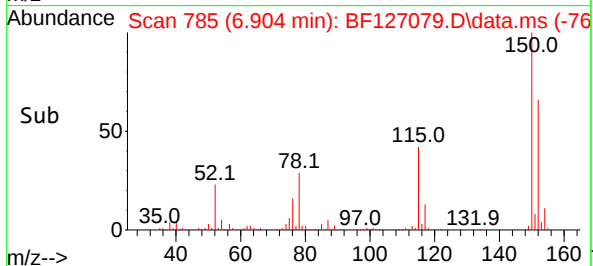
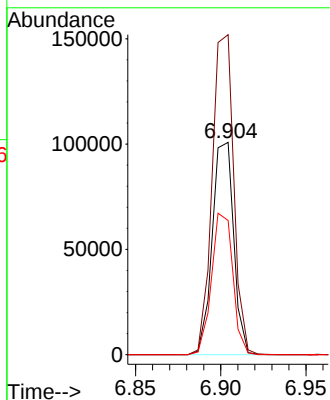
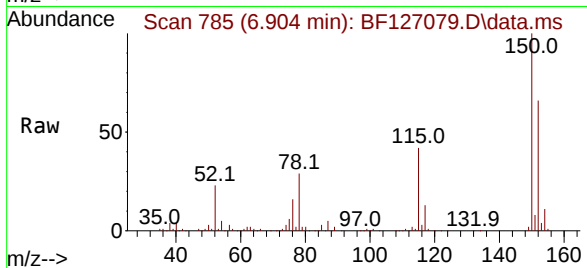




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

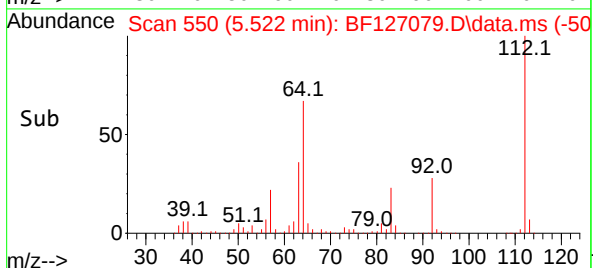
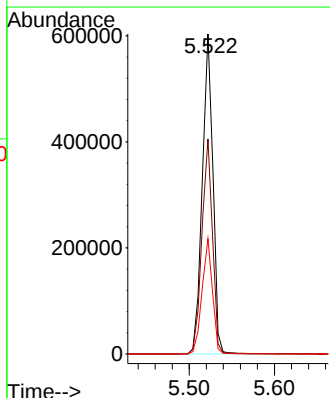
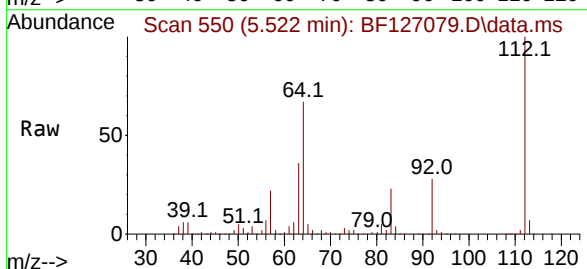
Instrument :
BNA_F
ClientSampleId :
T2-PAD

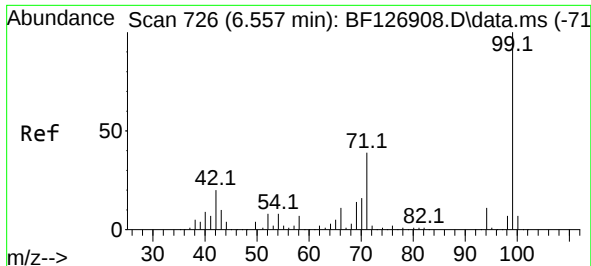
Tgt Ion:152 Resp: 88182
Ion Ratio Lower Upper
152 100
150 150.8 128.1 192.1
115 63.3 56.7 85.1



#5
2-Fluorophenol
Concen: 91.471 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion:112 Resp: 521884
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.0 23.9 35.9#

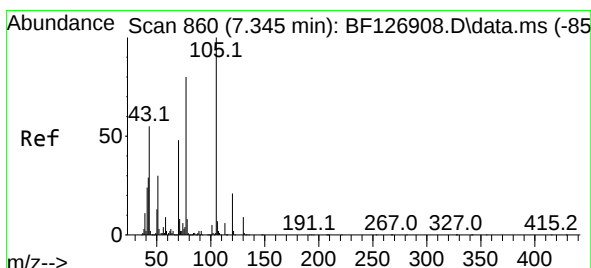
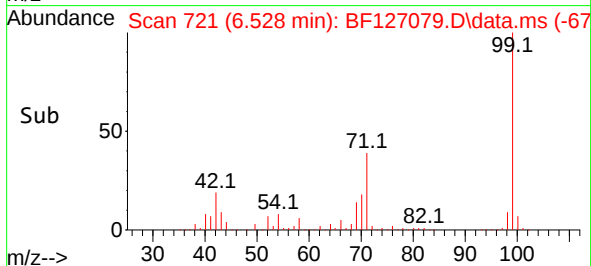
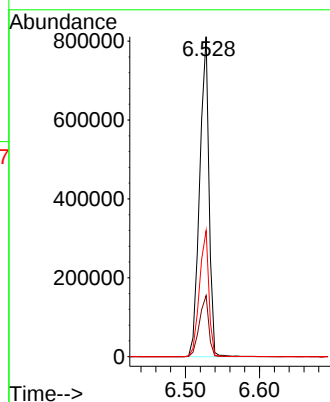
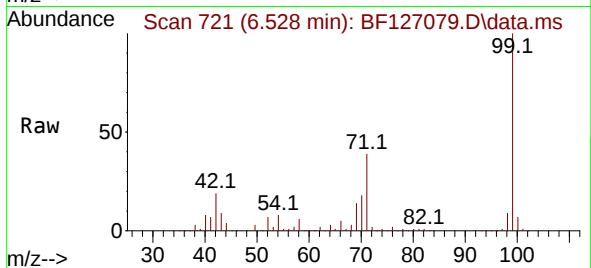




#7
Phenol-d6
Concen: 91.853 ng
RT: 6.528 min Scan# 707
Delta R.T. -0.012 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

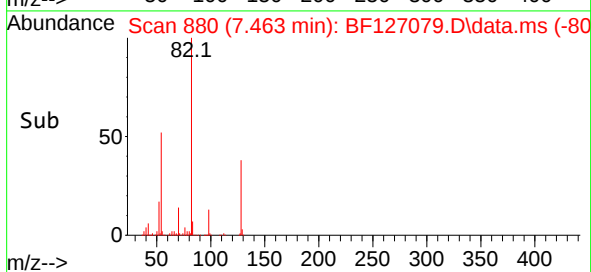
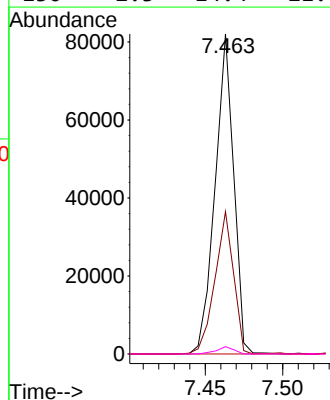
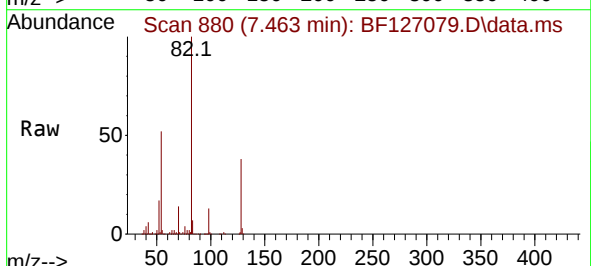
Instrument :
BNA_F
ClientSampleId :
T2-PAD

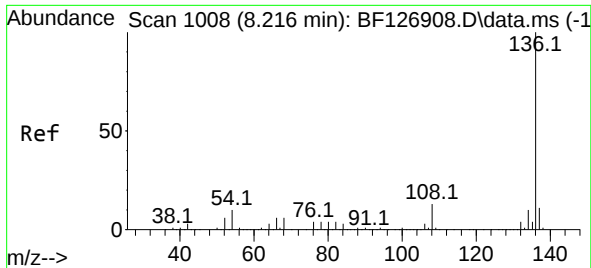
Tgt Ion: 99 Resp: 707149
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.810 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion: 70 Resp: 68508
Ion Ratio Lower Upper
70 100
42 44.5 45.8 68.8#
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

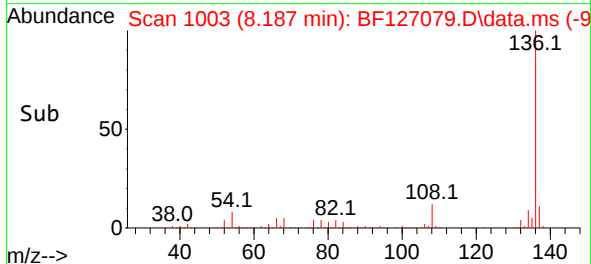
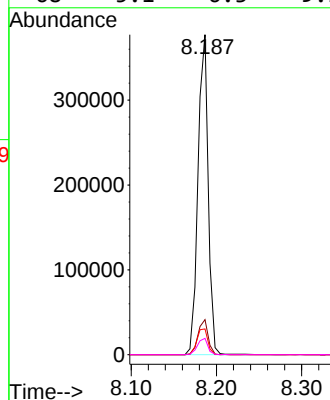
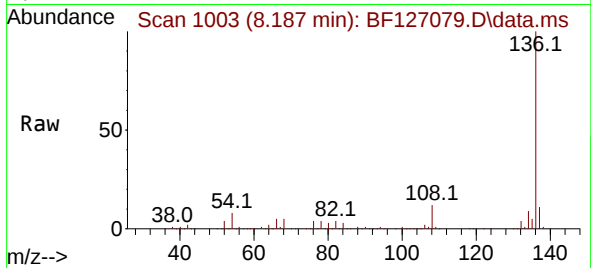




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

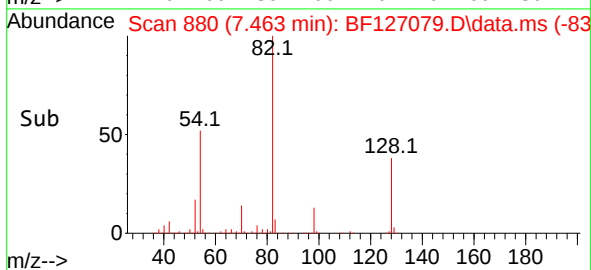
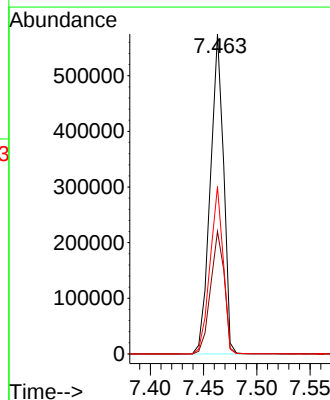
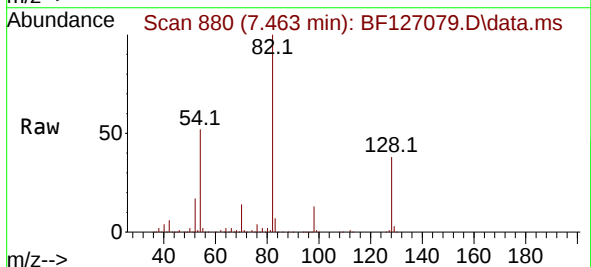
Instrument :
BNA_F
ClientSampleId :
T2-PAD

Tgt Ion:136 Resp: 313921
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.8 11.6
68 5.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 71.881 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion: 82 Resp: 499917
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 52.3 41.7 62.5

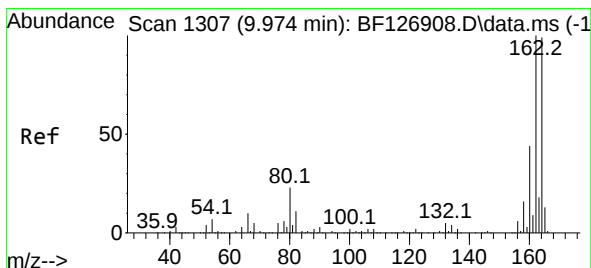
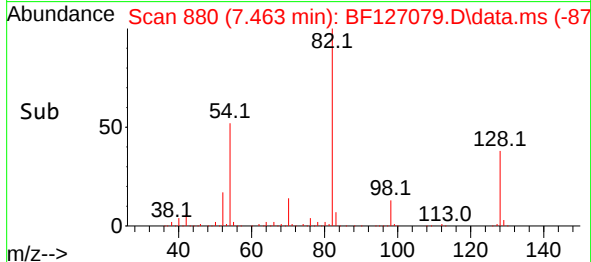
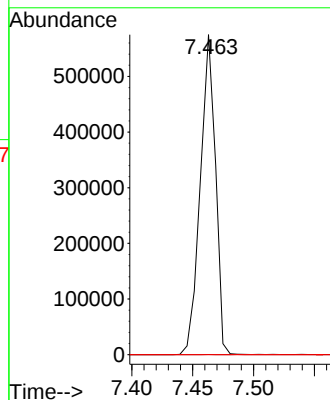
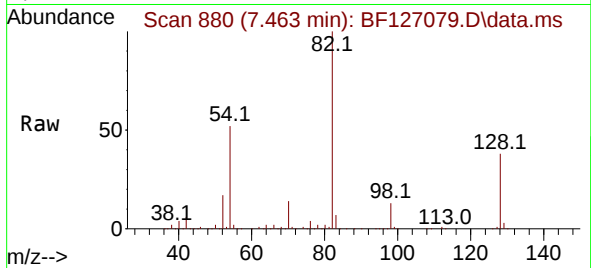




#25
Isophorone
Concen: 43.327 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

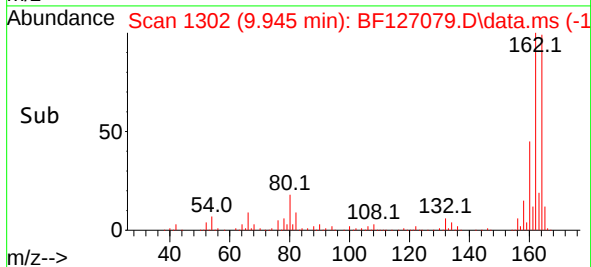
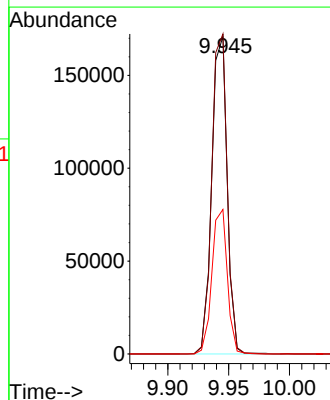
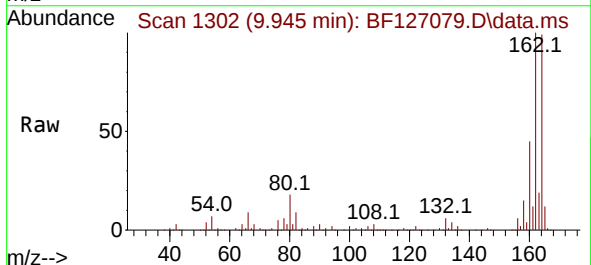
Instrument :
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ClientSampleId :
T2-PAD

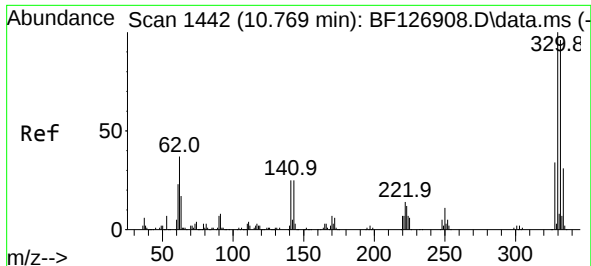
Tgt Ion: 82 Resp: 498626
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion: 164 Resp: 149636
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.5 36.6 54.8

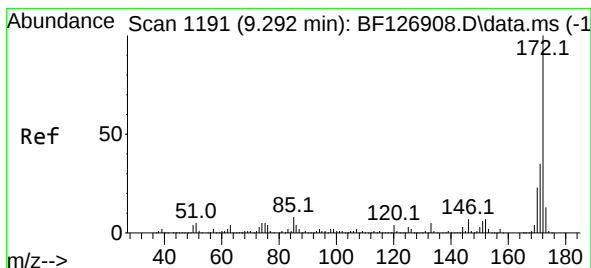
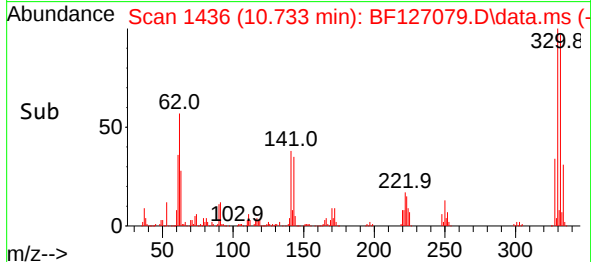
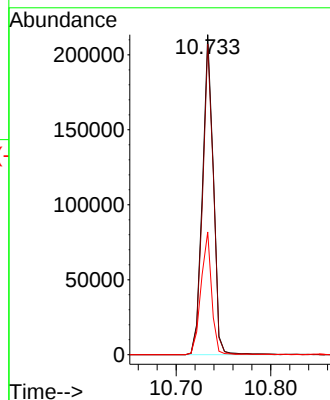
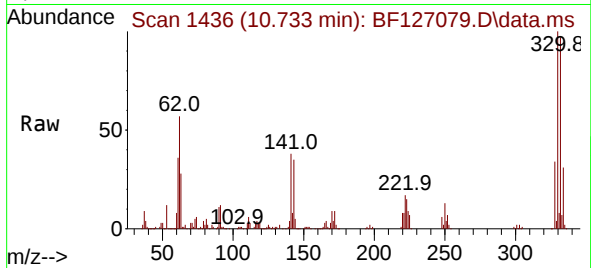




#42
2,4,6-Tribromophenol
Concen: 98.748 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

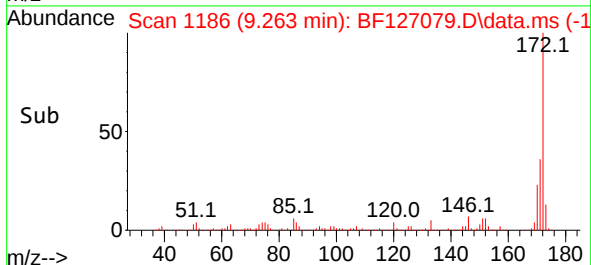
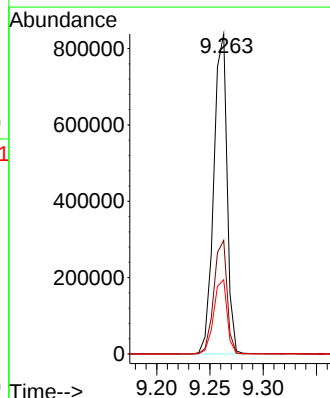
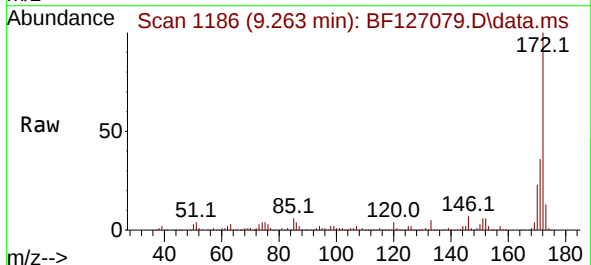
Instrument :
BNA_F
ClientSampleId :
T2-PAD

Tgt Ion: 330 Resp: 170128
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 37.4 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 71.962 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion: 172 Resp: 731448
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 19.0 28.6

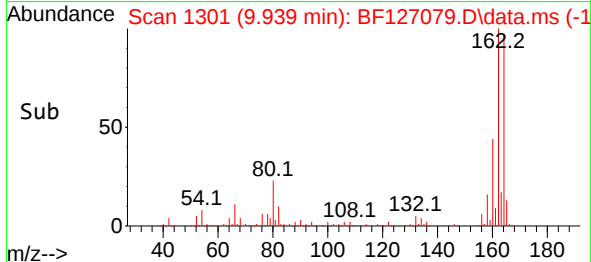
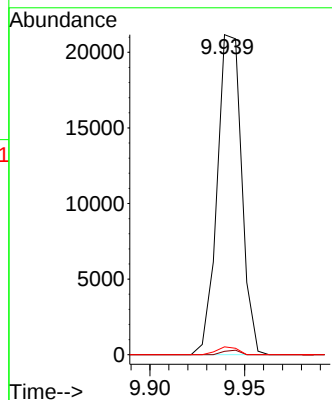
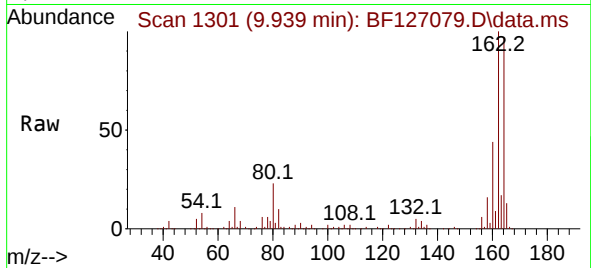




#51
2,6-Dinitrotoluene
Concen: 8.739 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

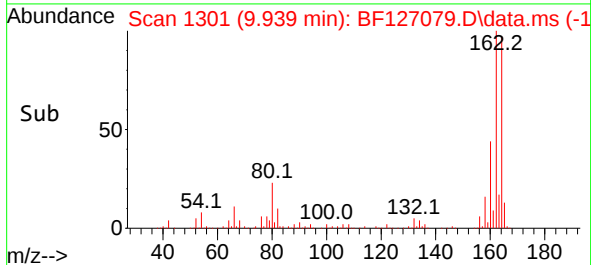
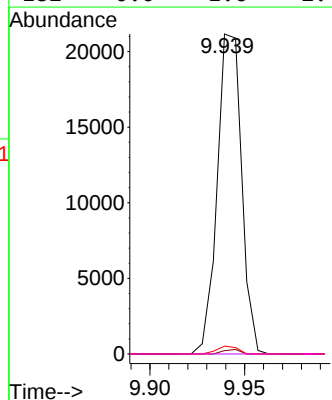
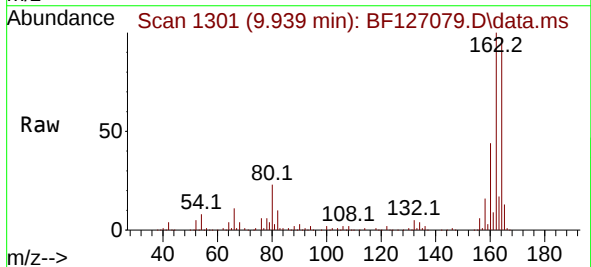
Instrument :
BNA_F
ClientSampleId :
T2-PAD

Tgt Ion:165 Resp: 19016
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 2.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.463 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion:165 Resp: 19016
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 2.4 71.0 106.4#
182 0.0 1.6 2.4#

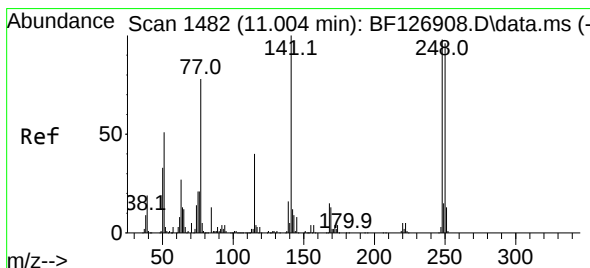
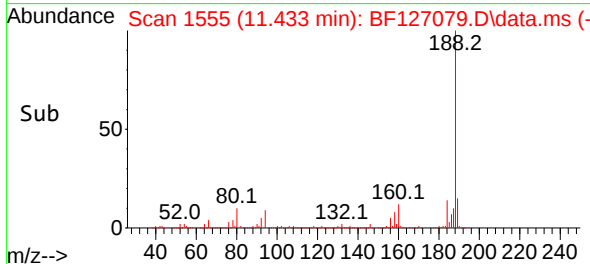
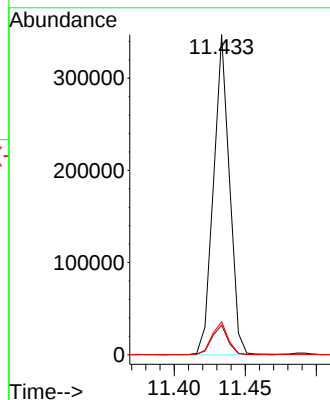
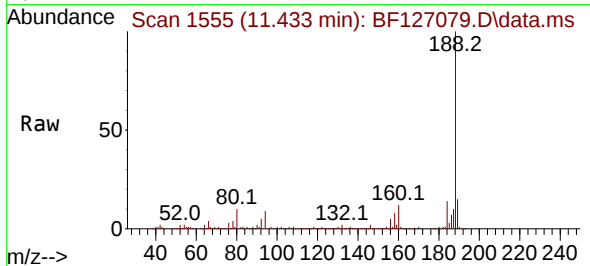




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

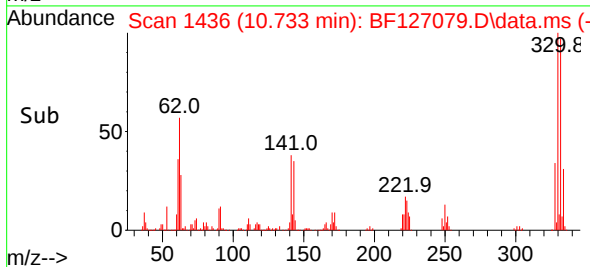
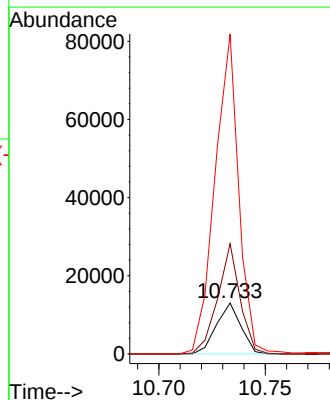
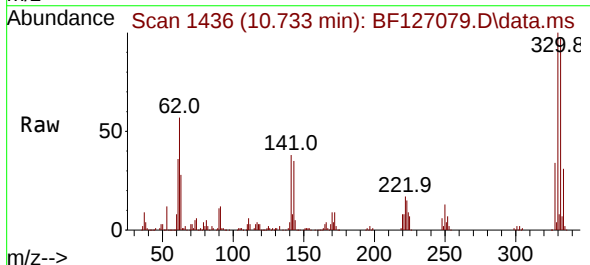
Instrument :
BNA_F
ClientSampleId :
T2-PAD

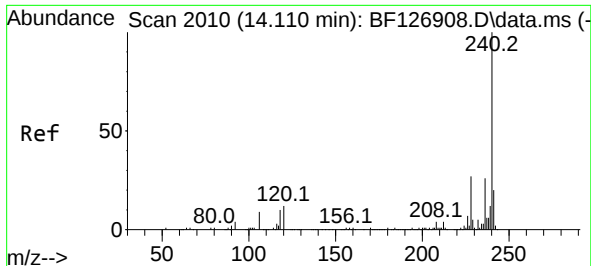
Tgt Ion:188 Resp: 271867
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.426 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.253 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion:248 Resp: 10406
Ion Ratio Lower Upper
248 100
250 217.0 76.2 114.4#
141 629.7 66.2 99.4#

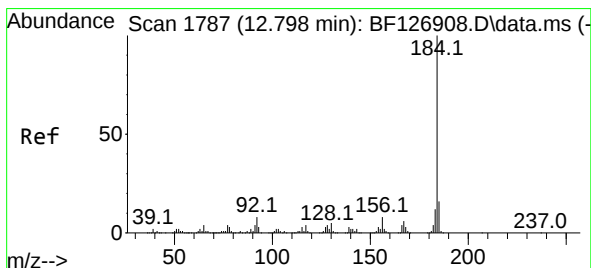
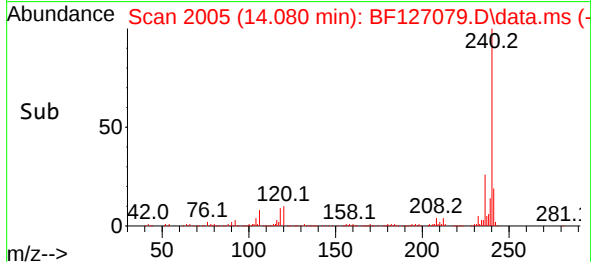
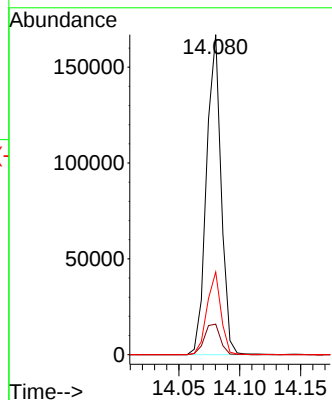
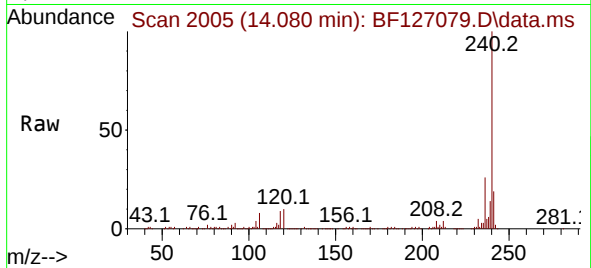




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

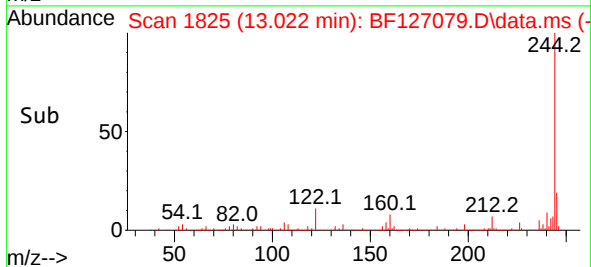
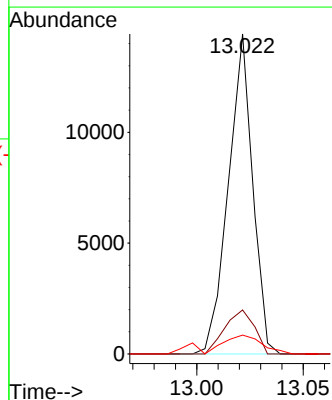
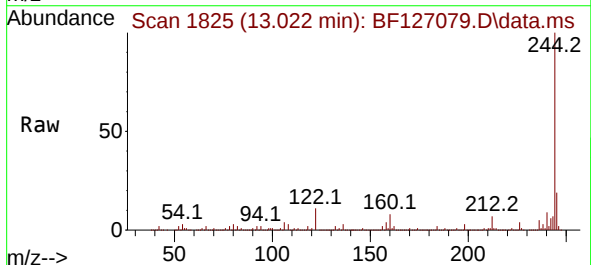
Instrument :
BNA_F
ClientSampleId :
T2-PAD

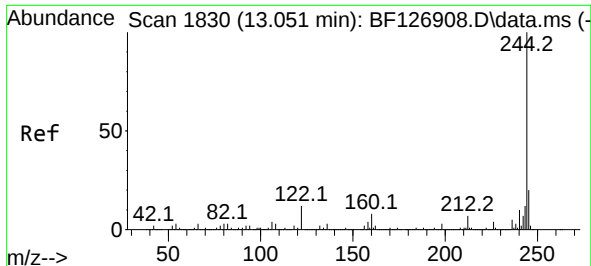
Tgt Ion:240 Resp: 139021
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 3.036 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127079.D
Acq: 25 Feb 2022 19:09

Tgt Ion:184 Resp: 11470
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 5.9 8.2 12.2#

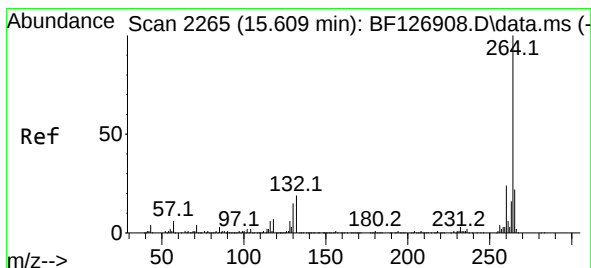
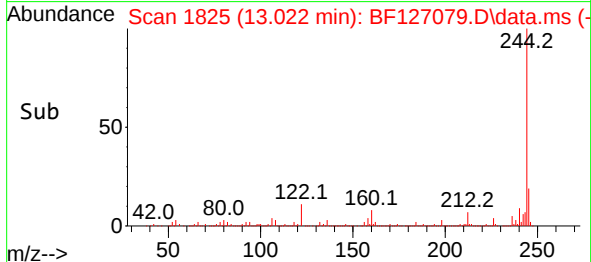
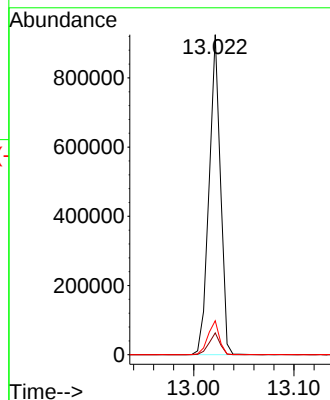
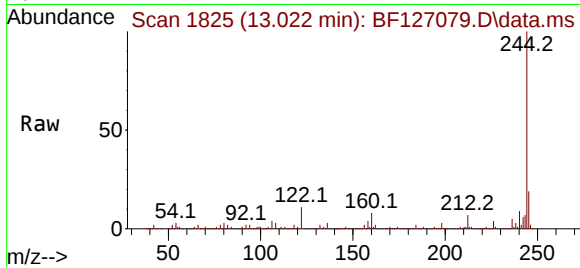




#79
 Terphenyl-d14
 Concen: 76.705 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127079.D
 Acq: 25 Feb 2022 19:09

Instrument :
 BNA_F
 ClientSampleId :
 T2-PAD

Tgt Ion:244 Resp: 725398
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 10.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF127079.D
 Acq: 25 Feb 2022 19:09

Tgt Ion:264 Resp: 139998
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 17.4 26.2

