

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126539.D
 Acq On : 7 Jan 2022 13:55
 Operator : JU/CG
 Sample : PB141830TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141830TB

Quant Time: Jan 07 15:24:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

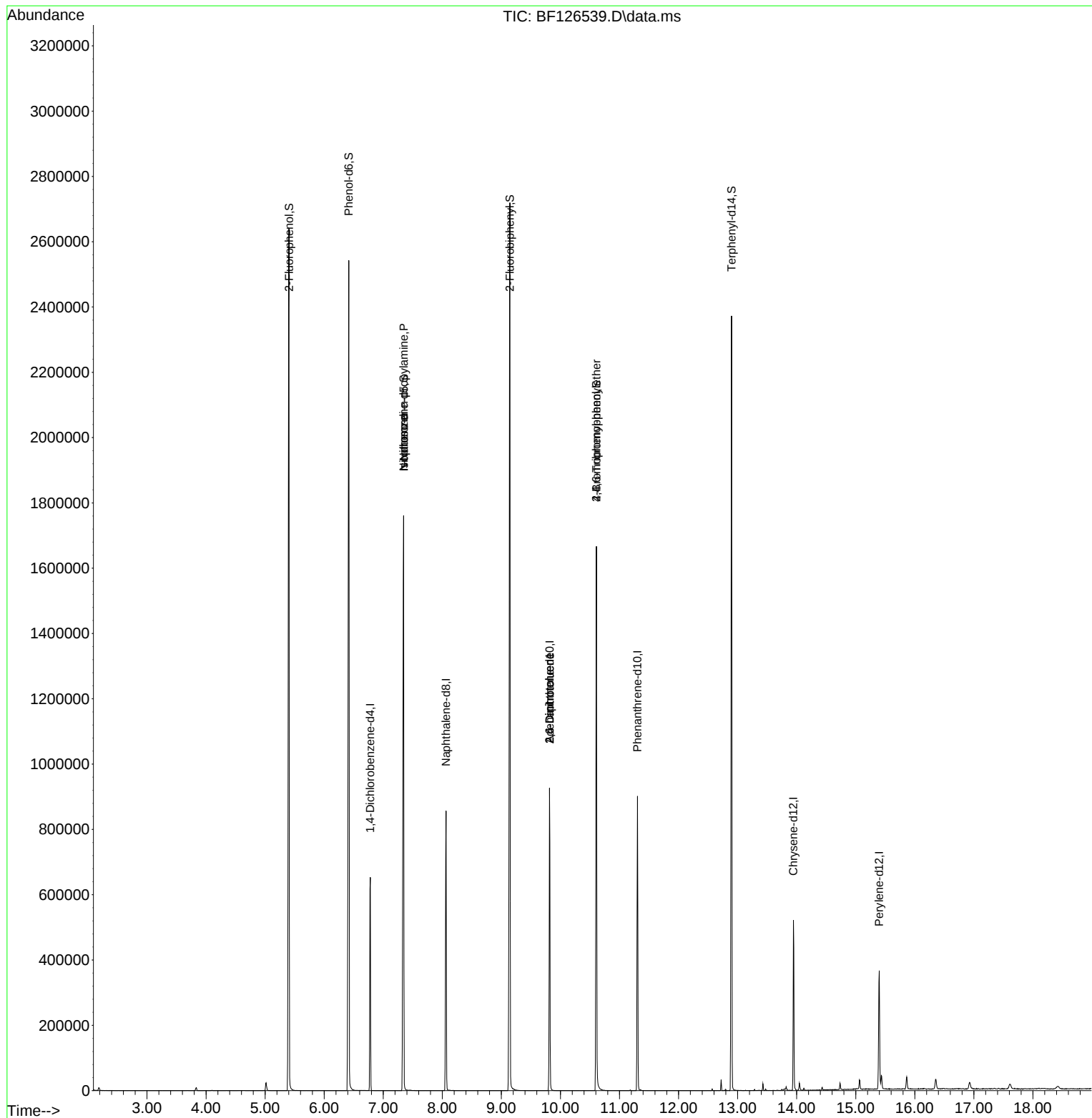
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	100260	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	418575	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	198662	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	308189	20.000	ng	0.00
76) Chrysene-d12	13.945	240	181891	20.000	ng	0.00
86) Perylene-d12	15.398	264	166790	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	833108	119.329	ng	0.01
7) Phenol-d6	6.416	99	1059682	117.187	ng	0.00
23) Nitrobenzene-d5	7.345	82	684333	83.946	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	208537	135.841	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	985280	87.275	ng	0.00
79) Terphenyl-d14	12.898	244	816198	87.185	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	85562	16.582	ng	# 83
25) Isophorone	7.345	82	680086	46.603	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	24838	9.274	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	24838	7.188	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	11185	4.089	ng	# 1
77) Benzidine	12.898	184	10621	Below Cal		# 96

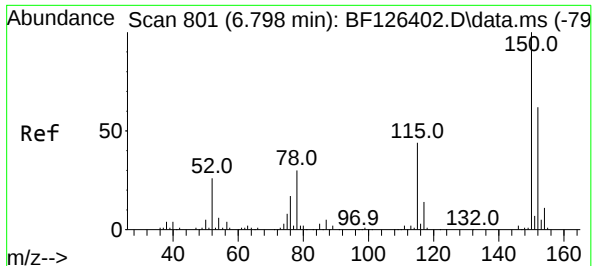
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jan 07 15:24:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

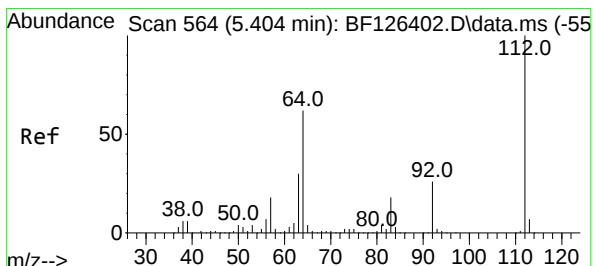
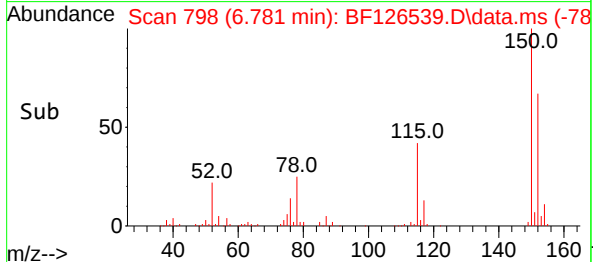
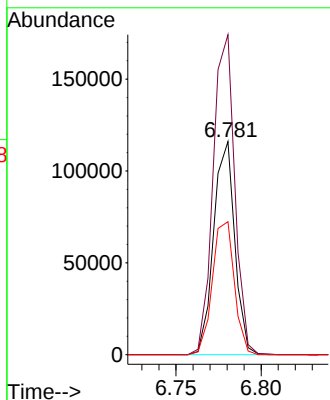
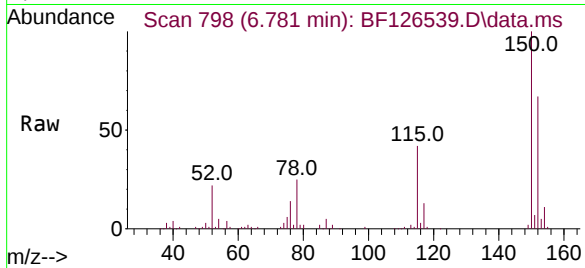




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF126539.D
 Acq: 7 Jan 2022 13:55

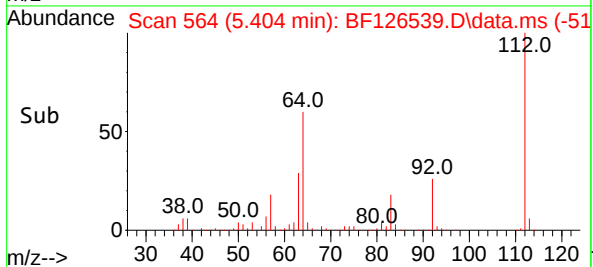
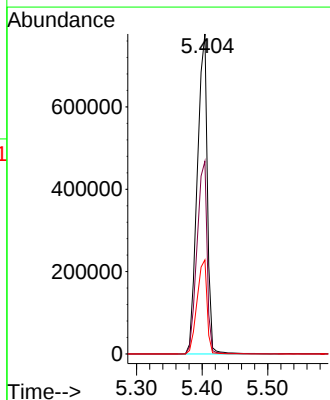
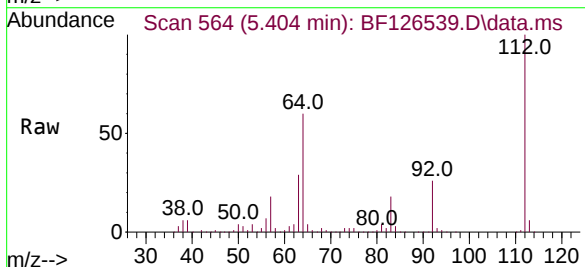
Instrument :
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 ClientSampleId :
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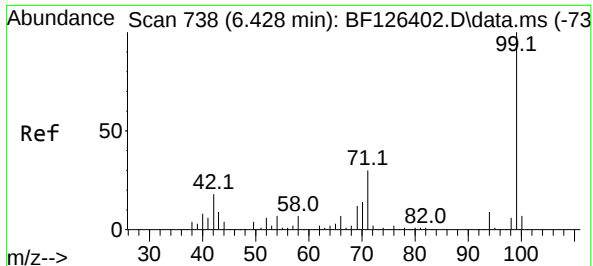
Tgt Ion:152 Resp: 100260
 Ion Ratio Lower Upper
 152 100
 150 150.2 128.1 192.1
 115 62.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 119.329 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF126539.D
 Acq: 7 Jan 2022 13:55

Tgt Ion:112 Resp: 833108
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.5 74.3
 63 29.4 23.9 35.9

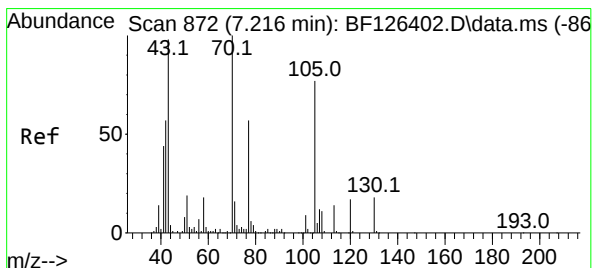
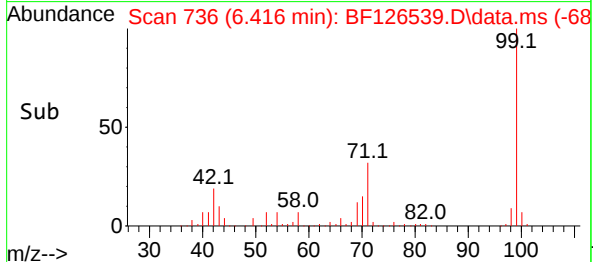
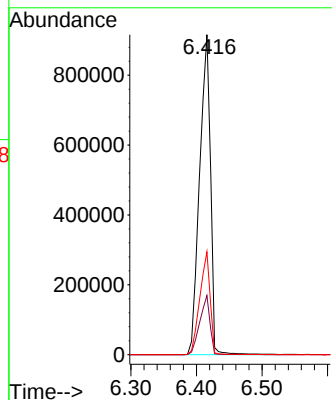
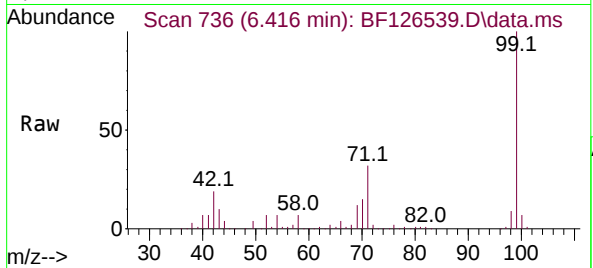




#7
Phenol-d6
Concen: 117.187 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

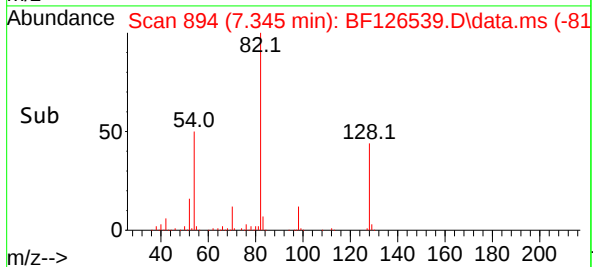
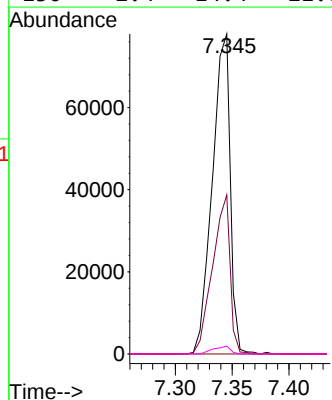
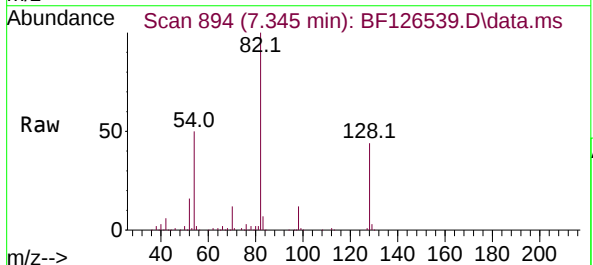
Instrument :
BNA_F
ClientSampleId :
PB141830TB

Tgt Ion: 99 Resp: 1059682
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 32.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.582 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion: 70 Resp: 85562
Ion Ratio Lower Upper
70 100
42 49.7 45.8 68.8
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#

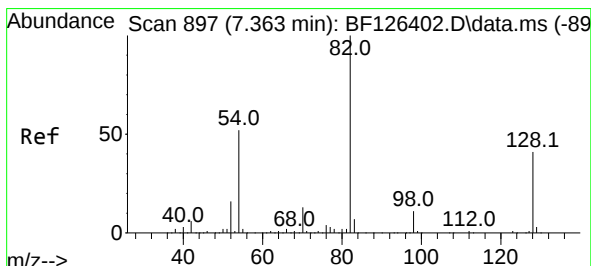
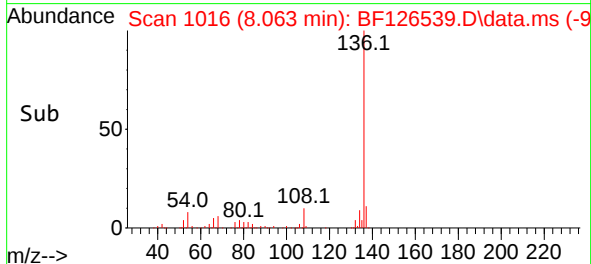
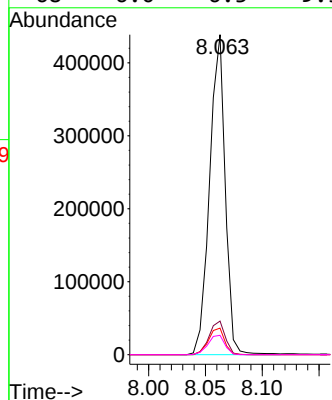
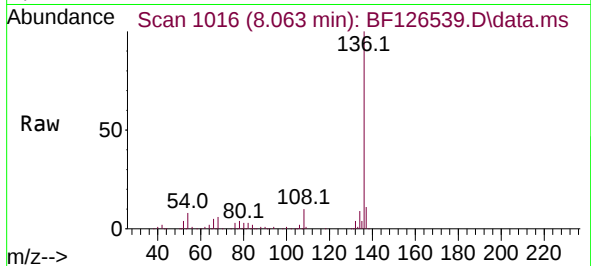




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

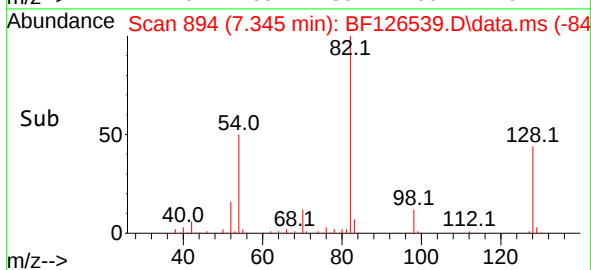
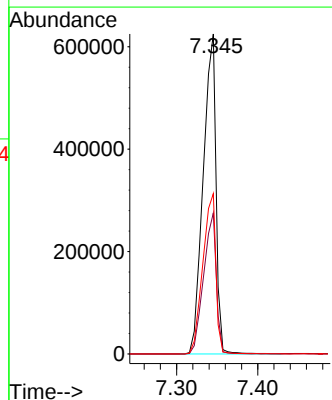
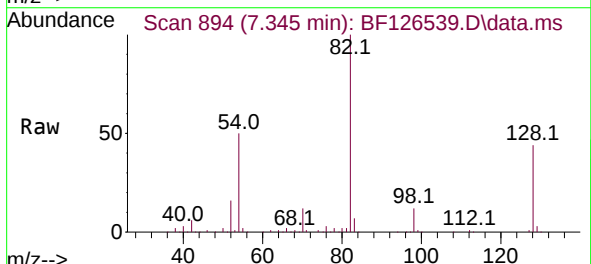
Instrument :
BNA_F
ClientSampleId :
PB141830TB

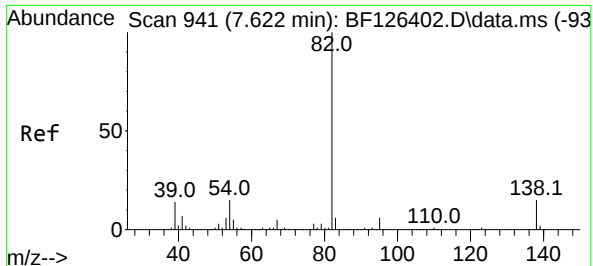
Tgt Ion:136 Resp: 418575
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.946 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion: 82 Resp: 684333
Ion Ratio Lower Upper
82 100
128 44.1 32.7 49.1
54 50.1 41.7 62.5

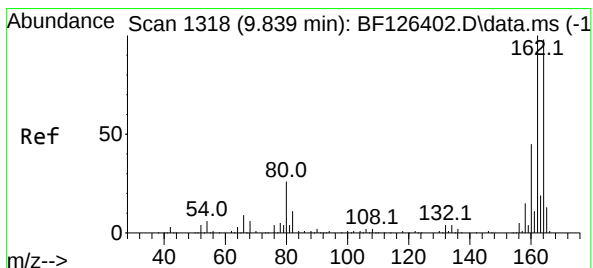
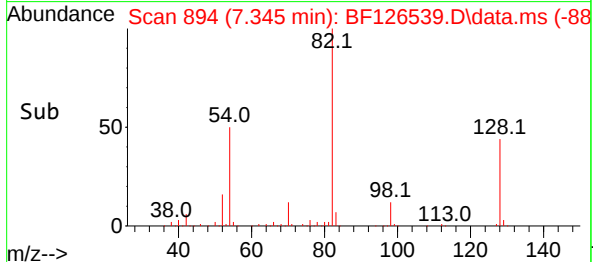
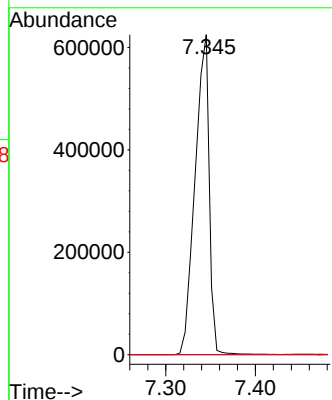
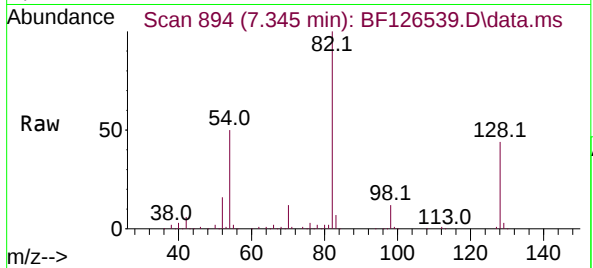




#25
Isophorone
Concen: 46.603 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

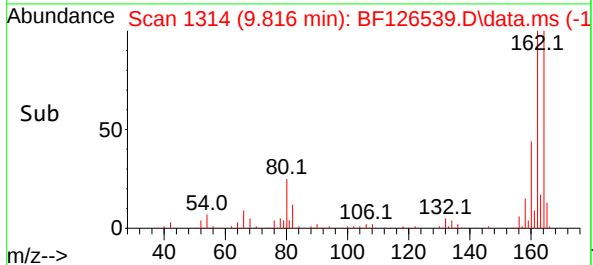
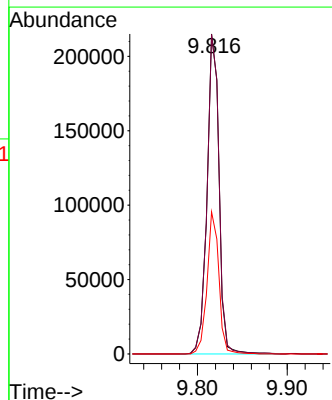
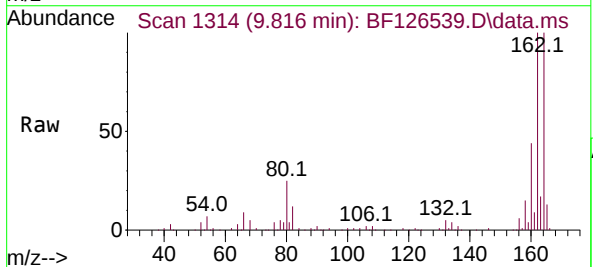
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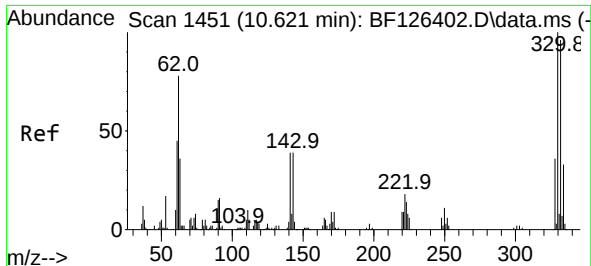
Tgt Ion: 82 Resp: 680086
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion:164 Resp: 198662
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.4 36.6 54.8

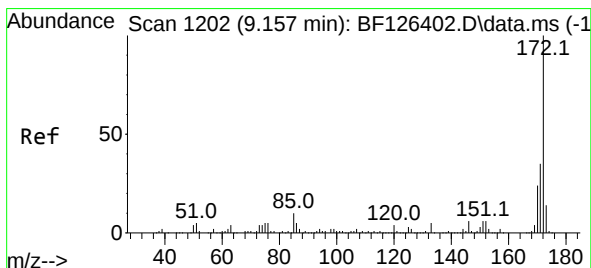
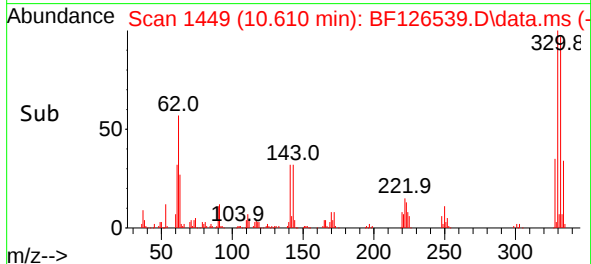
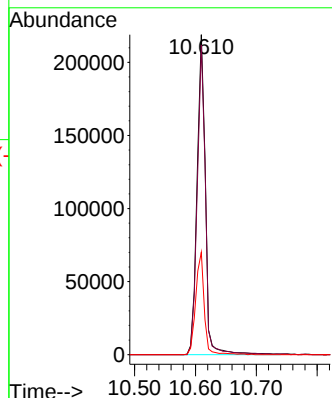
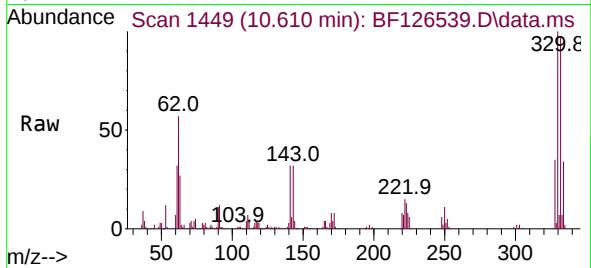




#42
2,4,6-Tribromophenol
Concen: 135.841 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

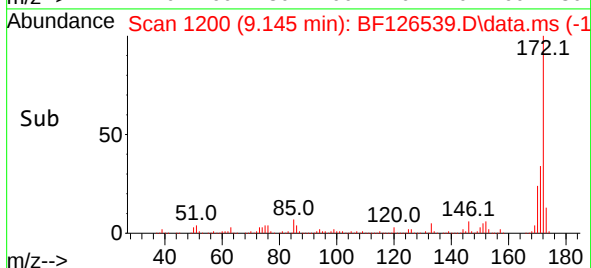
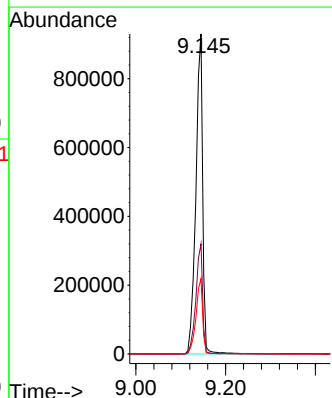
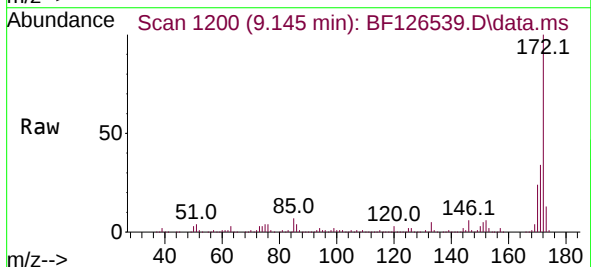
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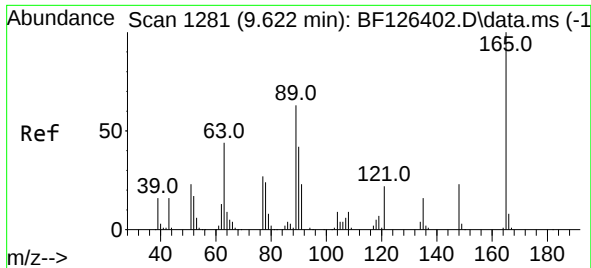
Tgt Ion:330 Resp: 208537
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 32.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 87.275 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion:172 Resp: 985280
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.6 19.0 28.6

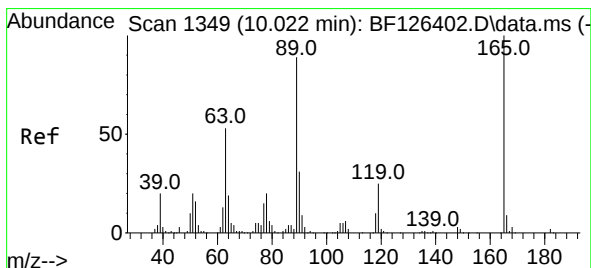
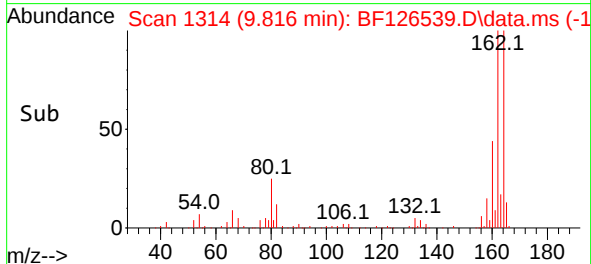
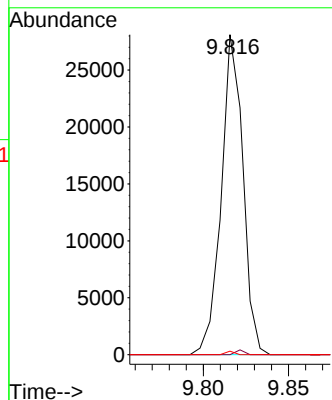
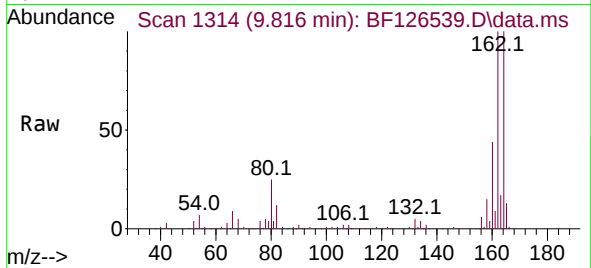




#51
2,6-Dinitrotoluene
Concen: 9.274 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

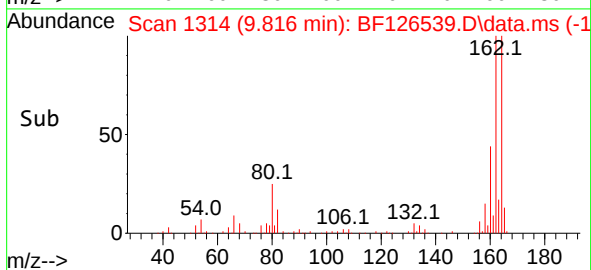
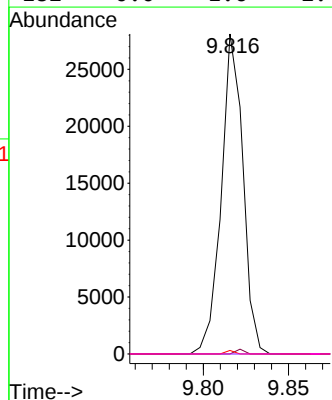
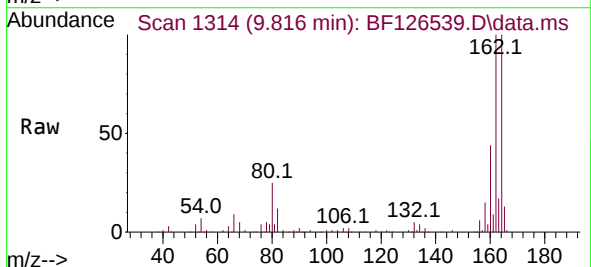
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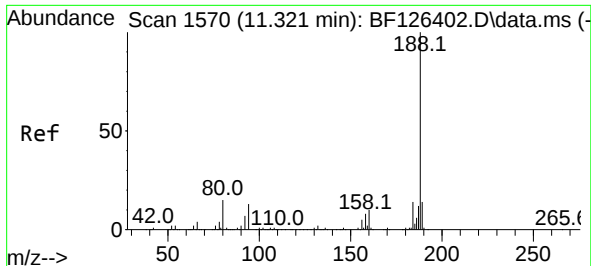
Tgt Ion:165 Resp: 24838
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.188 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion:165 Resp: 24838
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

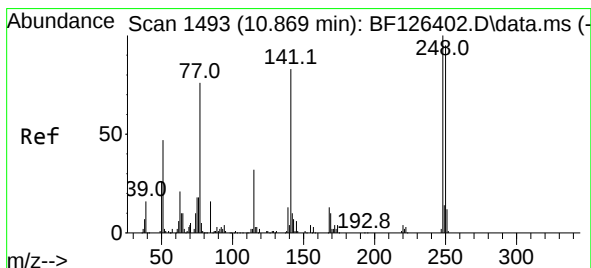
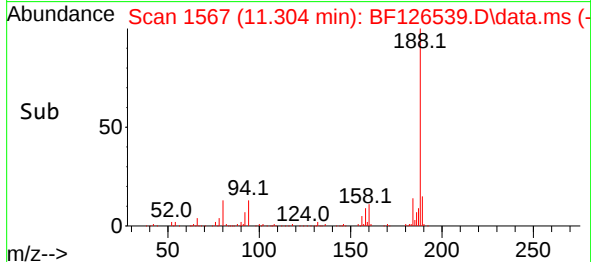
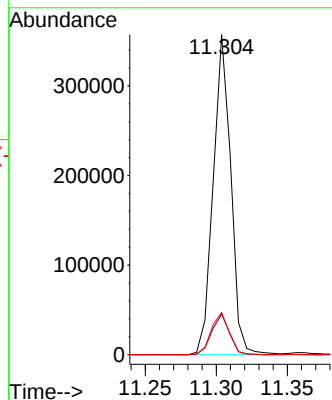
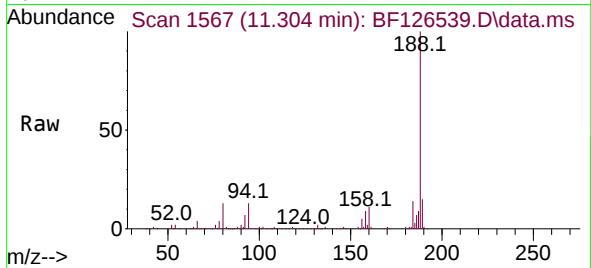




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

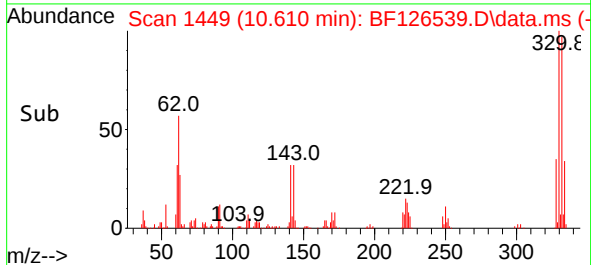
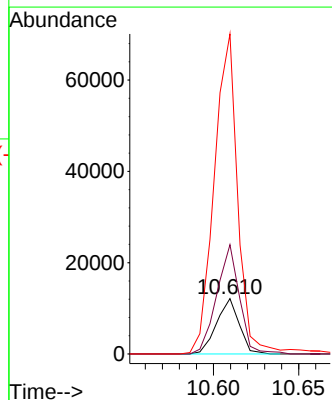
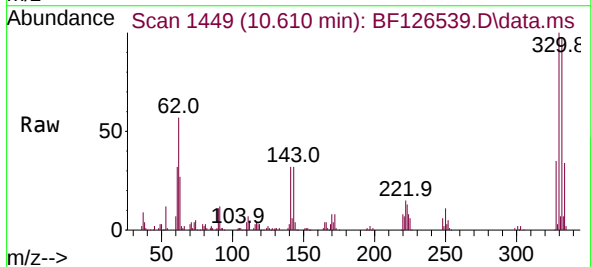
Instrument :
BNA_F
ClientSampleId :
PB141830TB

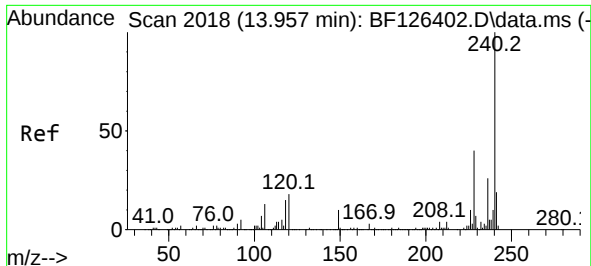
Tgt Ion:188 Resp: 308189
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.089 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion:248 Resp: 11185
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.4#
141 578.4 66.2 99.4#

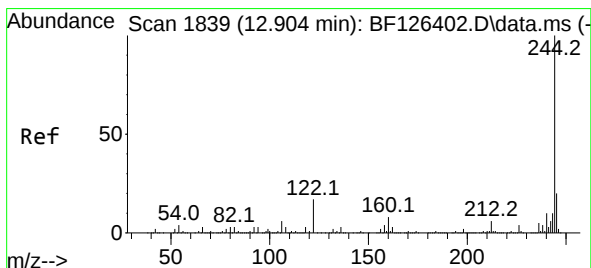
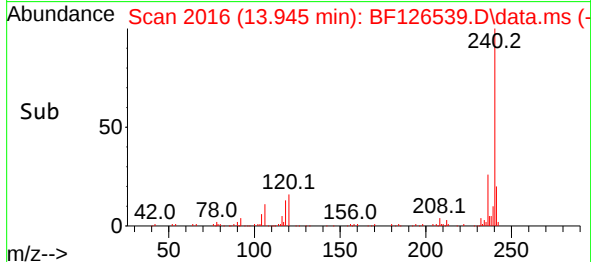
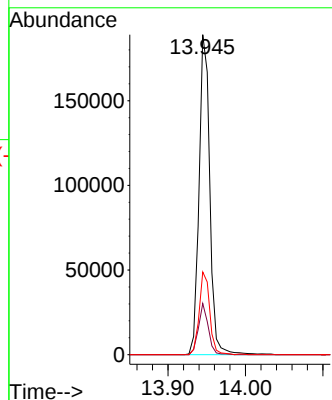
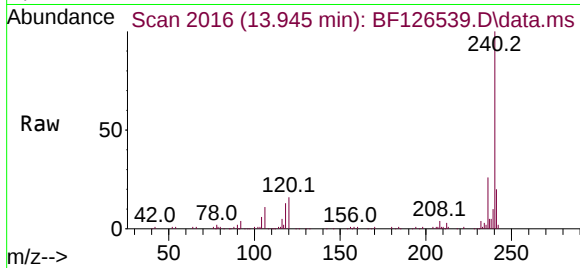




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

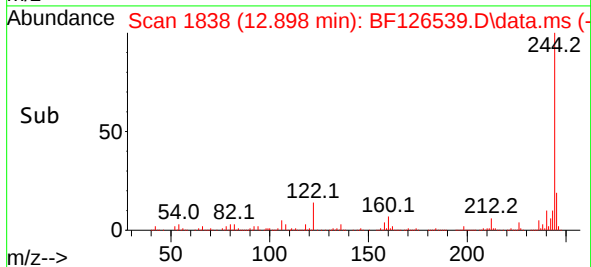
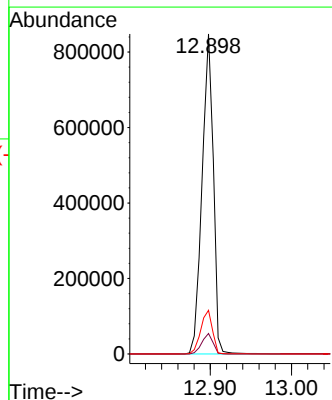
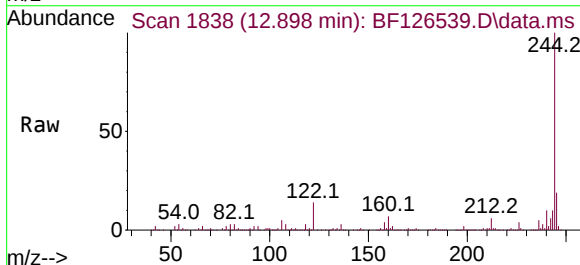
Instrument :
BNA_F
ClientSampleId :
PB141830TB

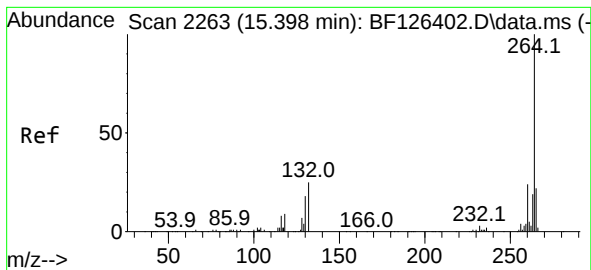
Tgt Ion:240 Resp: 181891
Ion Ratio Lower Upper
240 100
120 16.0 14.4 21.6
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 87.185 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

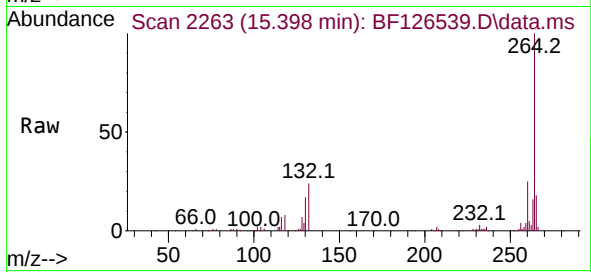
Tgt Ion:244 Resp: 816198
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 13.6 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126539.D
 Acq: 7 Jan 2022 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB141830TB



Tgt Ion:264 Resp: 166790
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 18.5 17.4 26.2

