

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126807.D
 Acq On : 04 Feb 2022 13:29
 Operator : CG/JU
 Sample : PB142439TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142439TB

Quant Time: Feb 04 23:53:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

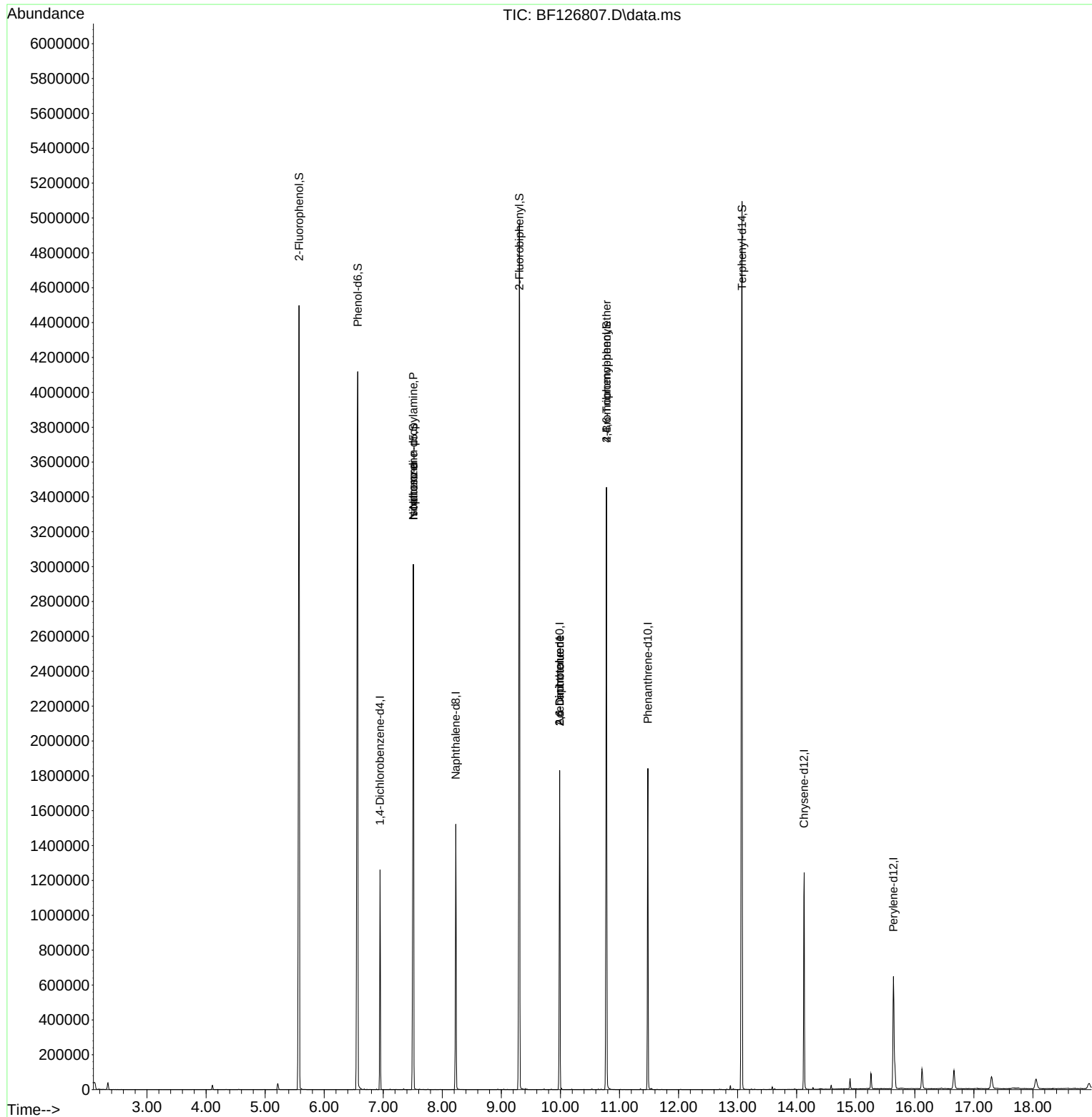
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	156887	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	621257	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	345377	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	599898	20.000	ng	0.00
76) Chrysene-d12	14.127	240	427591	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	280712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1365944	119.250	ng	0.01
7) Phenol-d6	6.569	99	1828786	115.421	ng	0.00
23) Nitrobenzene-d5	7.510	82	1328360	80.022	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	420042	117.185	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1681949	80.637	ng	0.00
79) Terphenyl-d14	13.074	244	2018476	78.968	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	175217	16.794	ng	# 68
25) Isophorone	7.510	82	1322816	46.432	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	43013	8.771	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	43013	6.471	ng	# 15
67) 4-Bromophenyl-phenylether	10.780	248	26118	3.804	ng	# 1

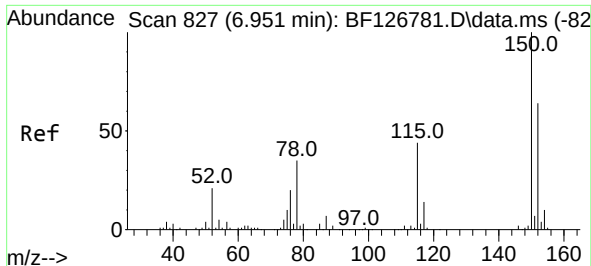
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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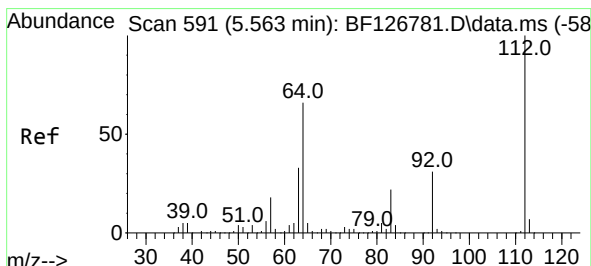
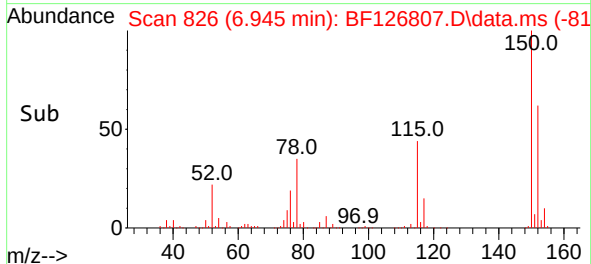
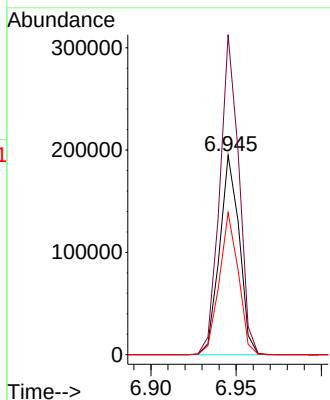
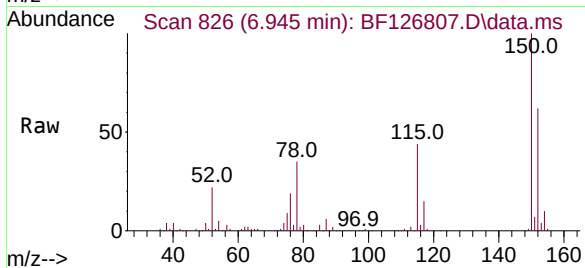




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

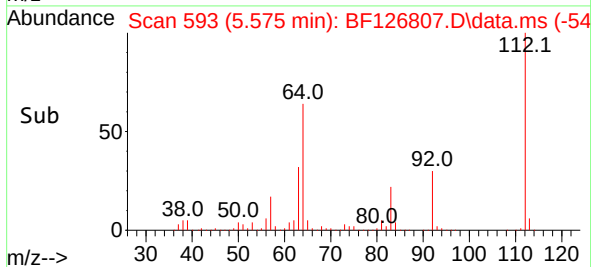
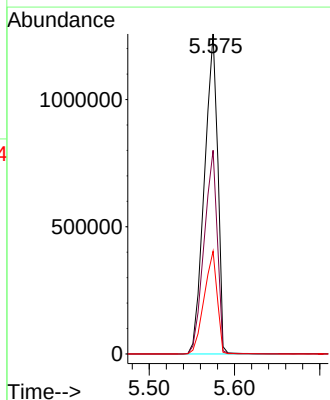
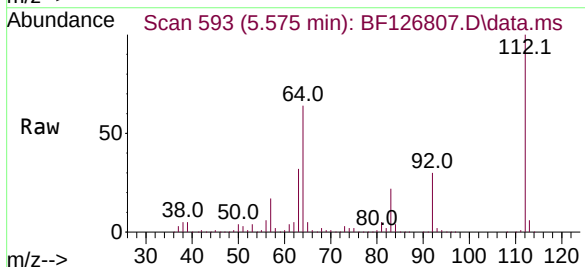
Instrument :
BNA_F
ClientSampleId :
PB142439TB

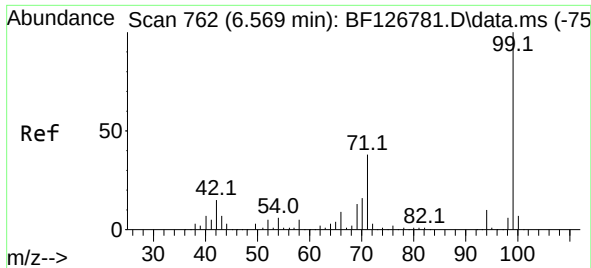
Tgt Ion:152 Resp: 156887
Ion Ratio Lower Upper
152 100
150 160.5 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 119.250 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion:112 Resp: 1365944
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 32.1 23.9 35.9

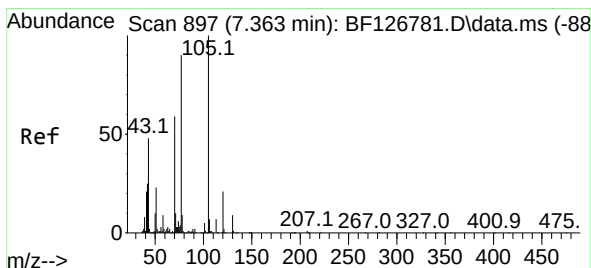
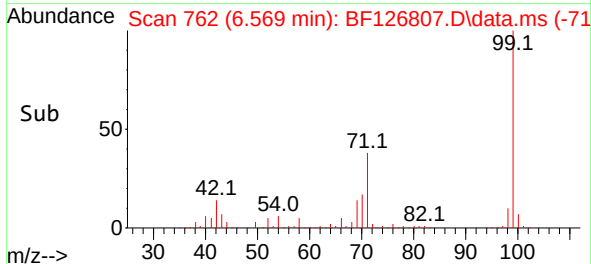
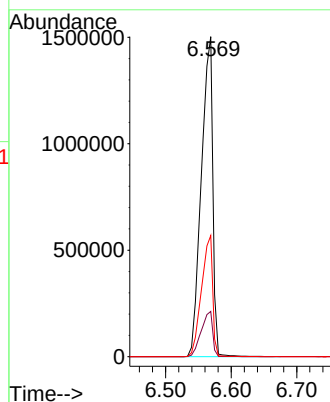
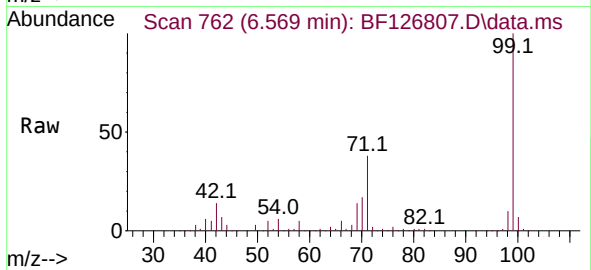




#7
Phenol-d6
Concen: 115.421 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

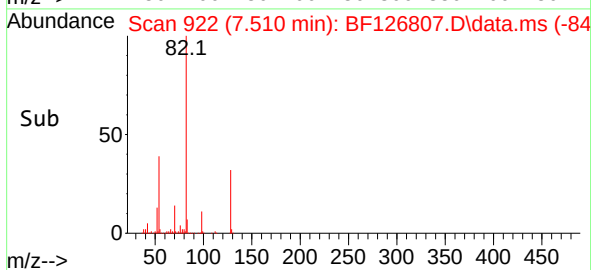
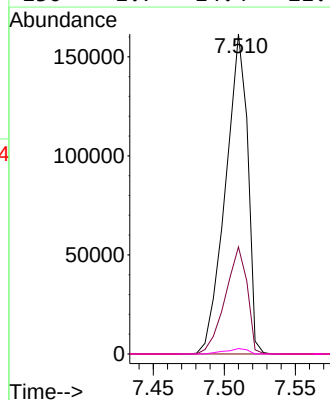
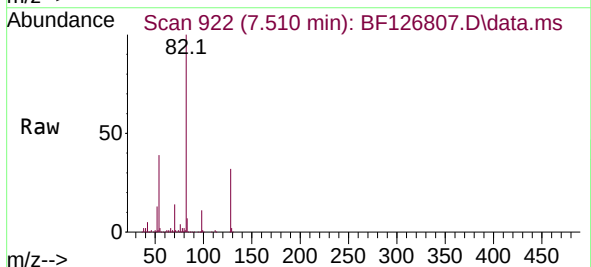
Instrument :
BNA_F
ClientSampleId :
PB142439TB

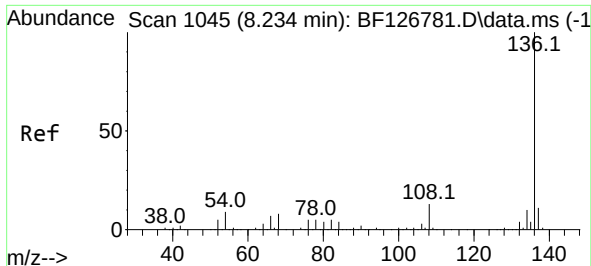
Tgt Ion: 99 Resp: 1828786
Ion Ratio Lower Upper
99 100
42 14.2 14.2 21.4#
71 37.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.794 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 70 Resp: 175217
Ion Ratio Lower Upper
70 100
42 33.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#





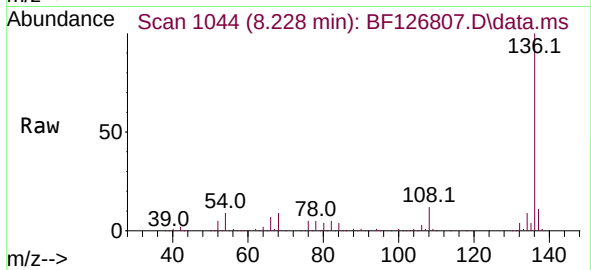
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Instrument :

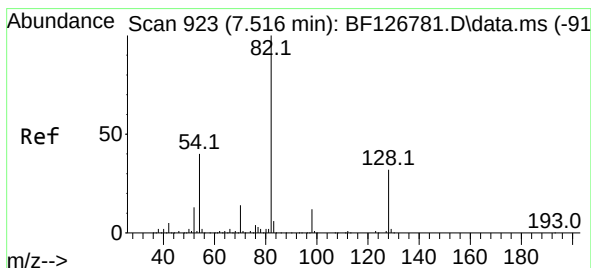
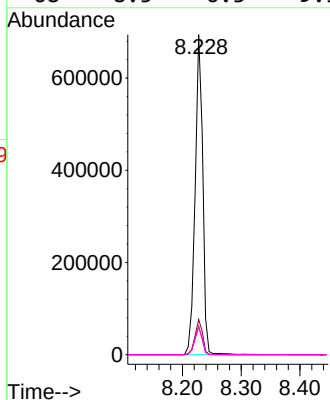
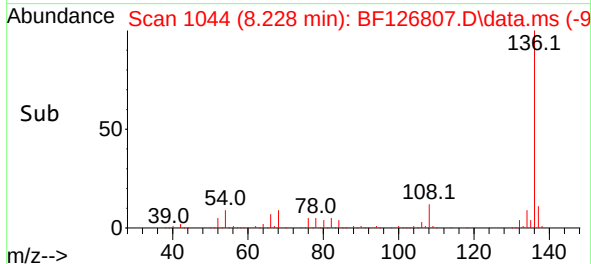
BNA_F

ClientSampleId :

PB142439TB

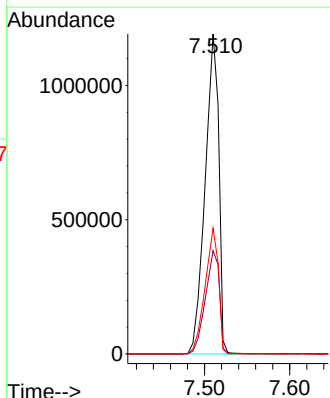
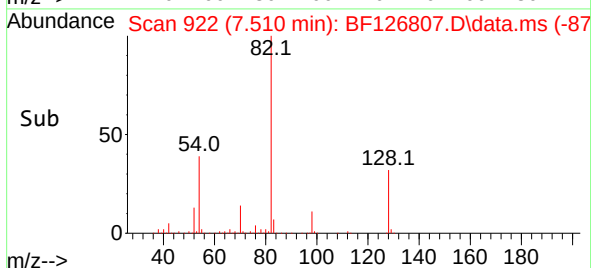
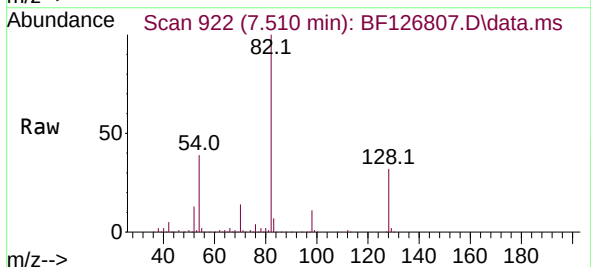


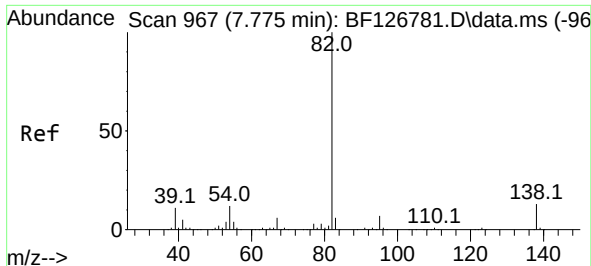
Tgt Ion:136 Resp: 621257
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.8 11.6
68 8.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 80.022 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 82 Resp: 1328360
Ion Ratio Lower Upper
82 100
128 32.3 32.7 49.1#
54 39.3 41.7 62.5#

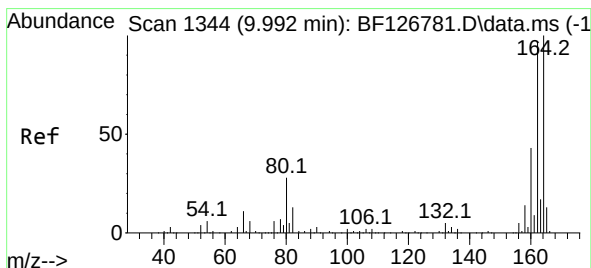
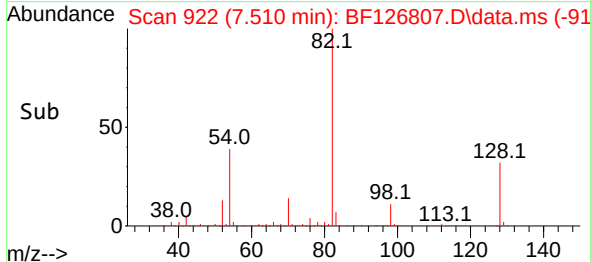
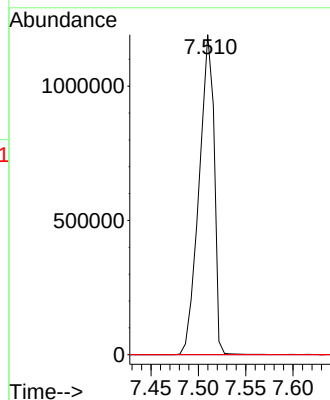
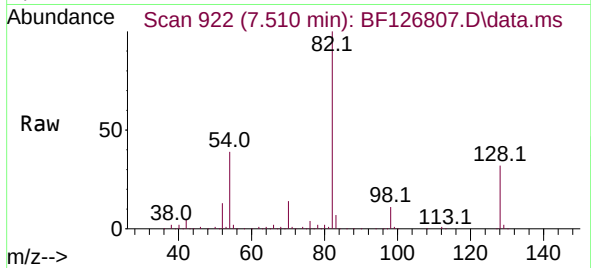




#25
Isophorone
Concen: 46.432 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

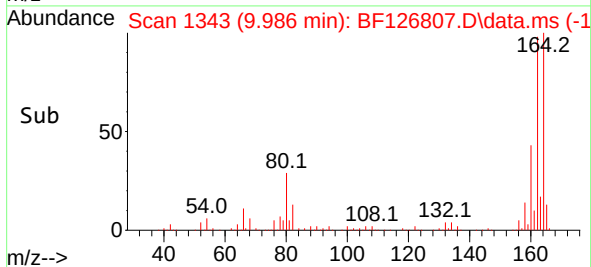
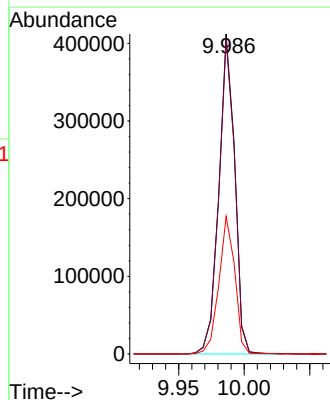
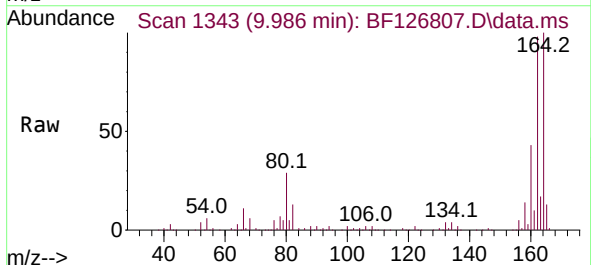
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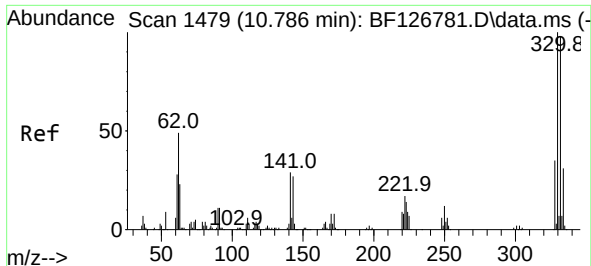
Tgt Ion: 82 Resp: 1322816
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion: 164 Resp: 345377
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 43.0 36.6 54.8

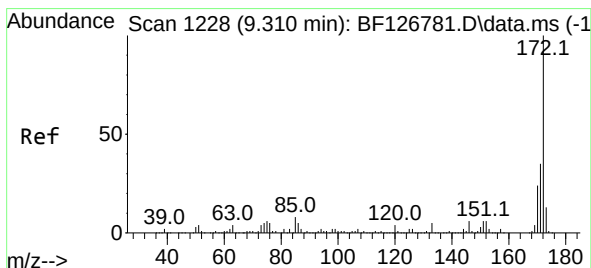
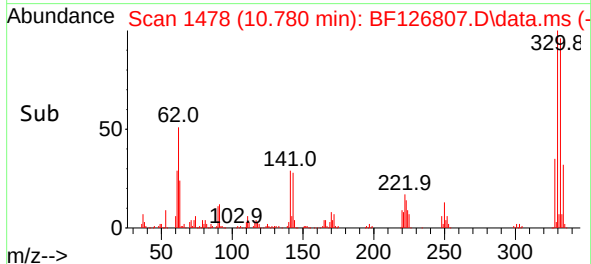
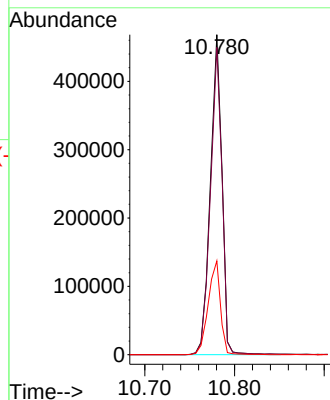
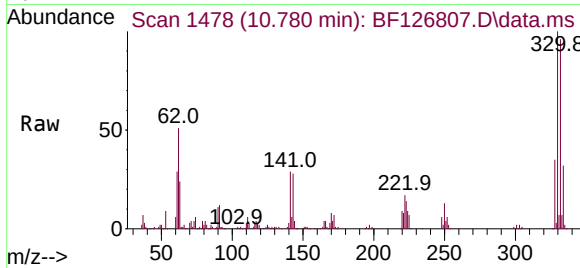




#42
2,4,6-Tribromophenol
Concen: 117.185 ng
RT: 10.780 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

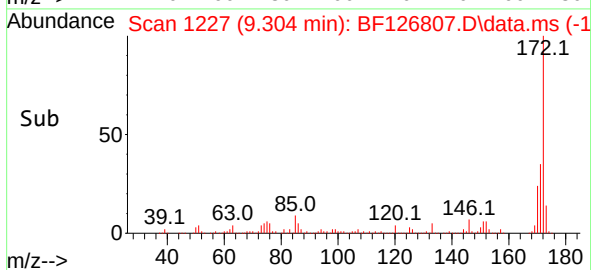
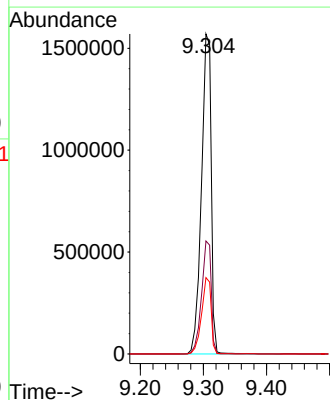
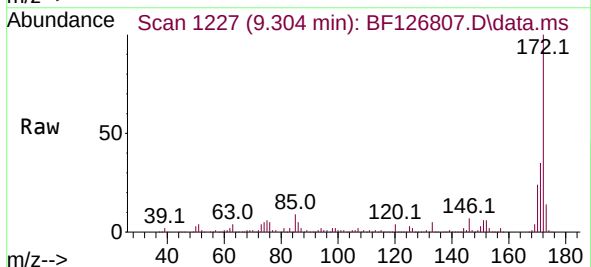
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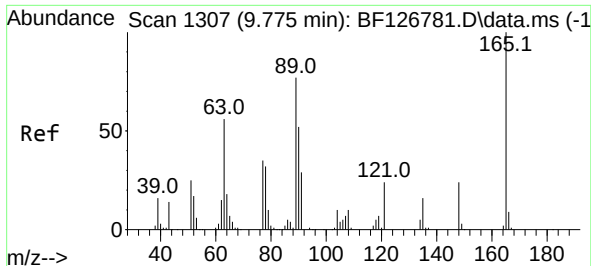
Tgt Ion:330 Resp: 420042
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 31.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 80.637 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion:172 Resp: 1681949
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 19.0 28.6

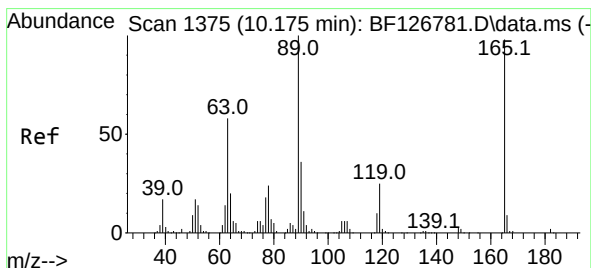
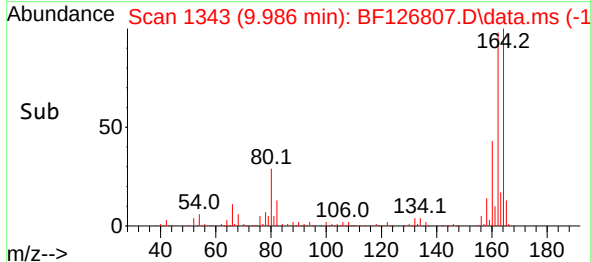
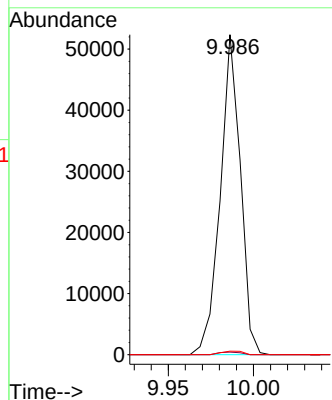
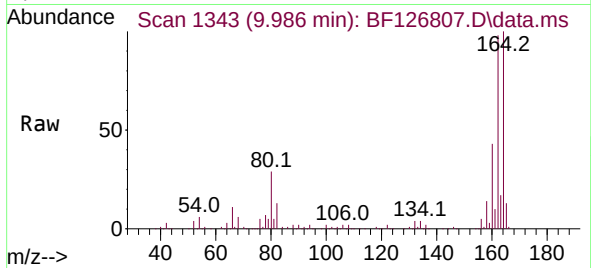




#51
2,6-Dinitrotoluene
Concen: 8.771 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

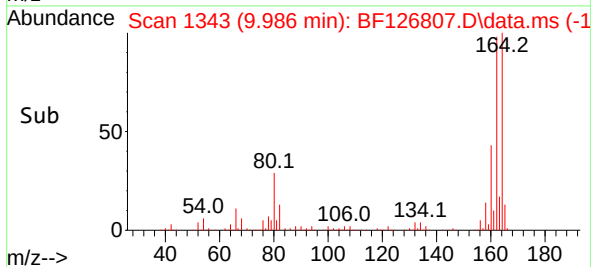
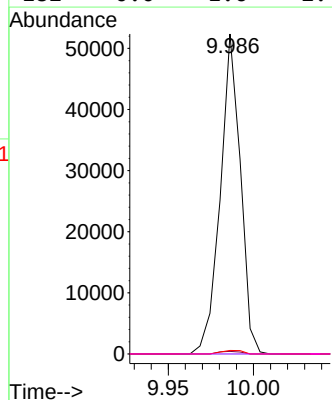
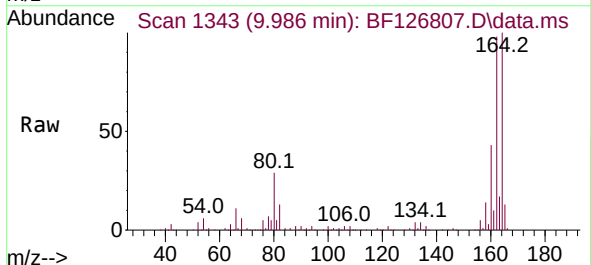
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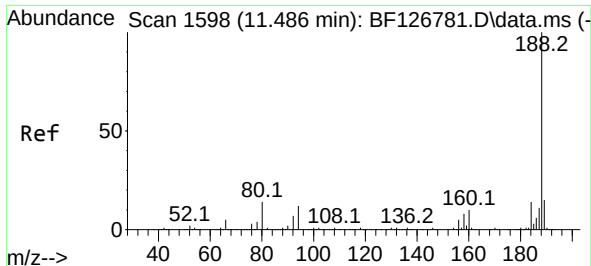
Tgt Ion:165 Resp: 43013
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.471 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion:165 Resp: 43013
Ion Ratio Lower Upper
165 100
63 0.8 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

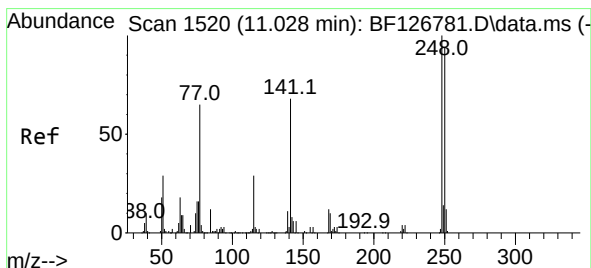
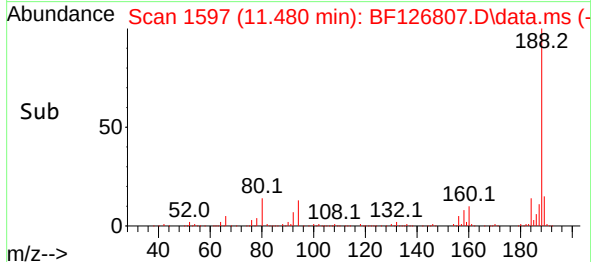
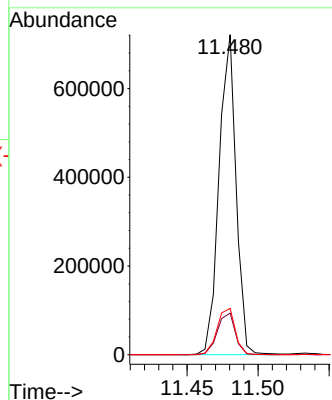
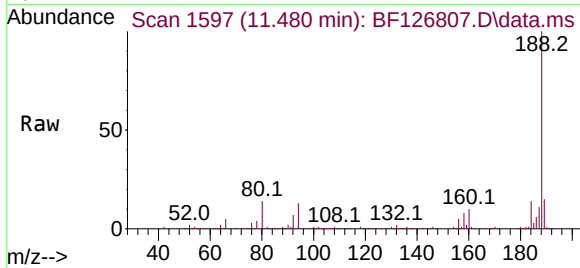




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

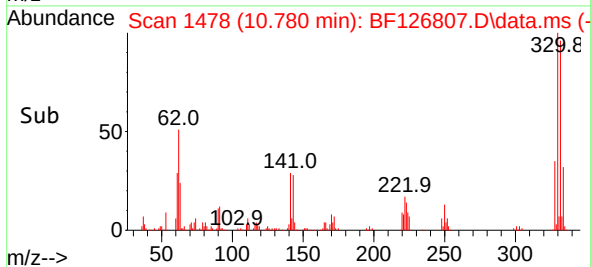
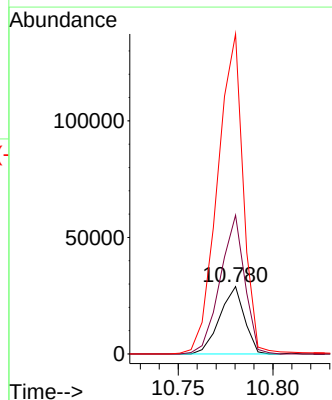
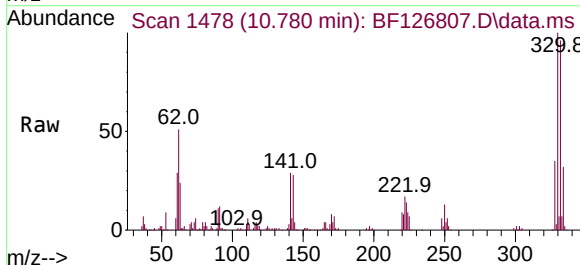
Instrument :
BNA_F
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PB142439TB

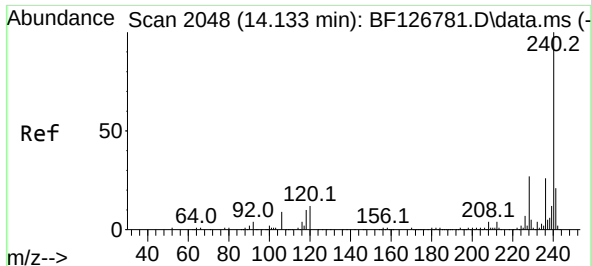
Tgt Ion:188 Resp: 599898
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 14.4 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.804 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion:248 Resp: 26118
Ion Ratio Lower Upper
248 100
250 205.7 76.2 114.4#
141 474.4 66.2 99.4#

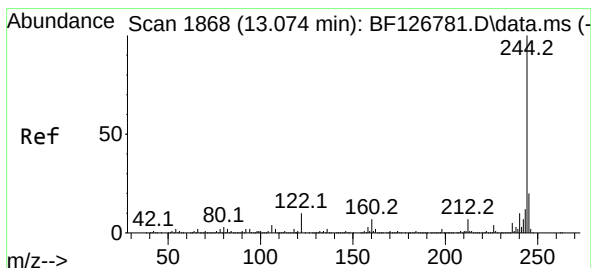
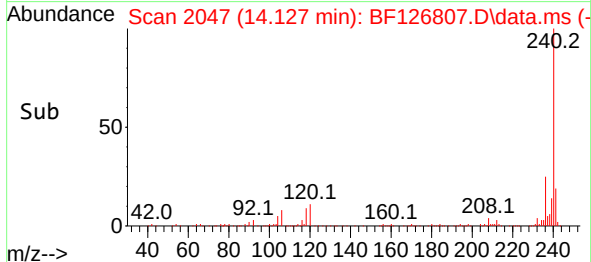
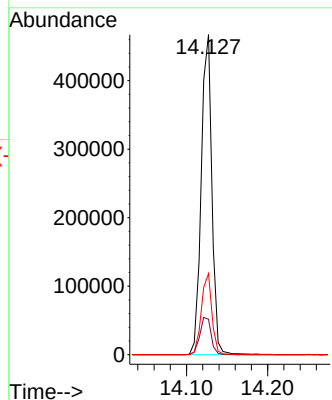
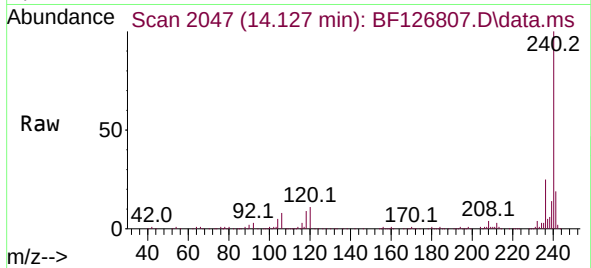




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

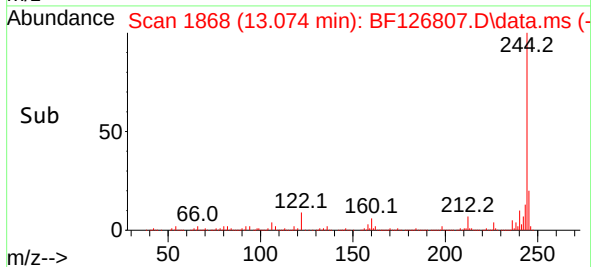
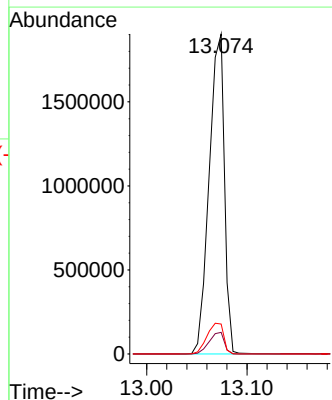
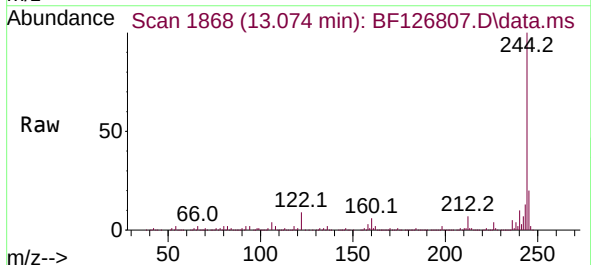
Instrument :
BNA_F
ClientSampleId :
PB142439TB

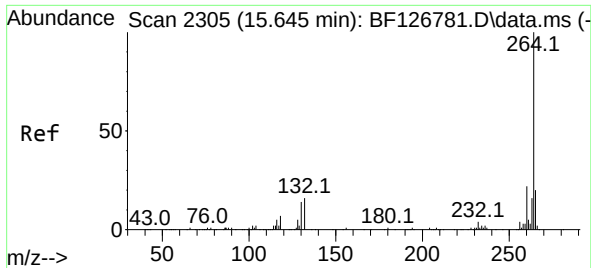
Tgt Ion:240 Resp: 427591
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 78.968 ng
RT: 13.074 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF126807.D
Acq: 04 Feb 2022 13:29

Tgt Ion:244 Resp: 2018476
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 9.4 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126807.D
 Acq: 04 Feb 2022 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB142439TB

Tgt Ion:264 Resp: 280712
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.0 17.4 26.2

