

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
 Data File : BF122565.D
 Acq On : 5 Dec 2020 18:50
 Operator : JU/CG
 Sample : PB1333408TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB1333408TB

Quant Time: Dec 07 12:12:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

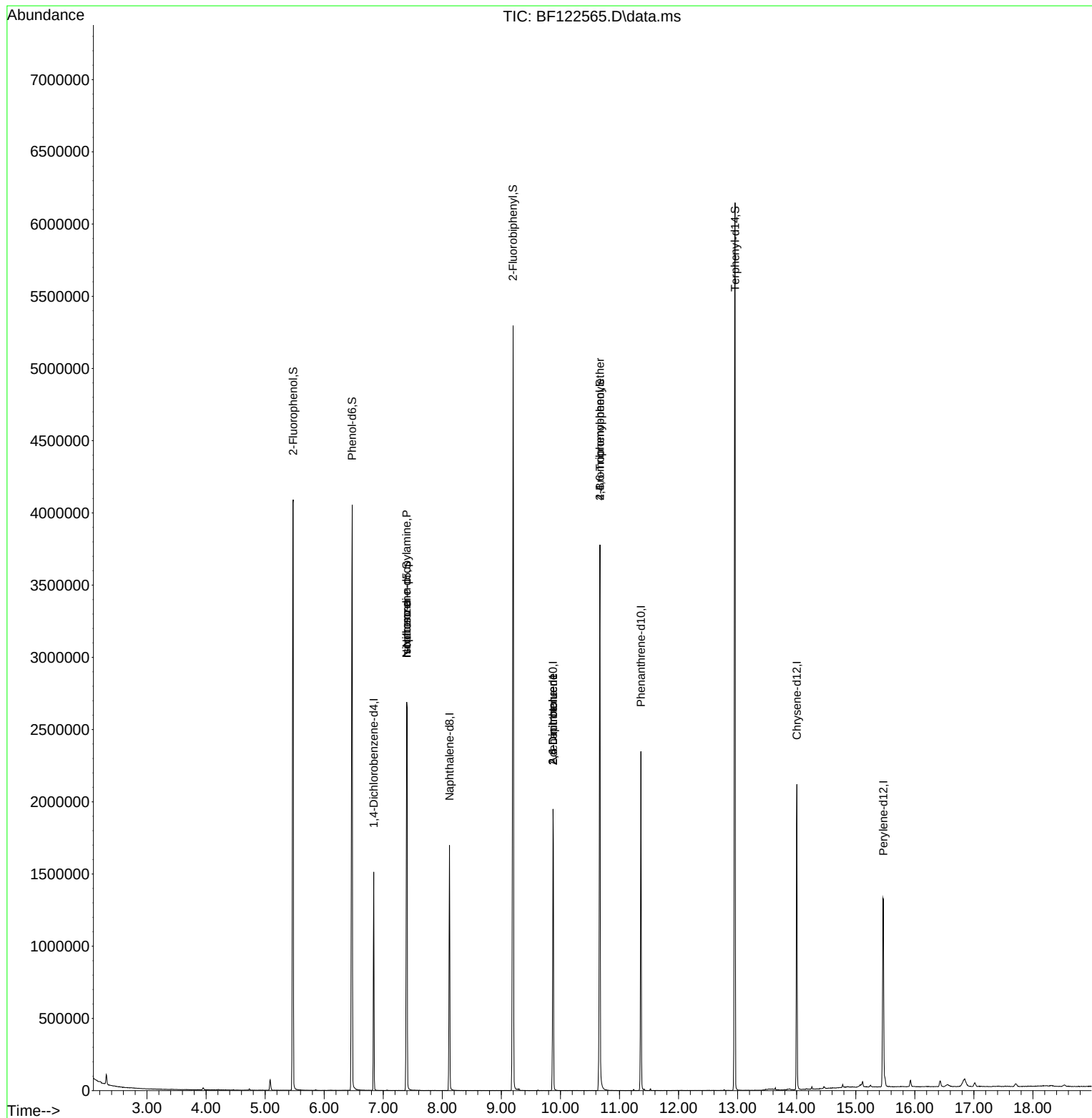
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	210031	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	825079	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	443981	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	838625	20.00	ng	0.00
76) Chrysene-d12	14.004	240	749778	20.00	ng	0.00
86) Perylene-d12	15.468	264	682573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1331843	100.39	ng	0.02
7) Phenol-d6	6.475	99	1656060	94.12	ng	0.00
23) Nitrobenzene-d5	7.398	82	1087140	66.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	565110	97.24	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2030172	61.85	ng	0.00
79) Terphenyl-d14	12.957	244	2270344	53.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	145771	14.46	ng	# 78
25) Isophorone	7.398	82	1076940	37.97	ng	# 65
51) 2,6-Dinitrotoluene	9.874	165	57190	7.64	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	57190	5.73	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	35234	3.10	ng	# 1

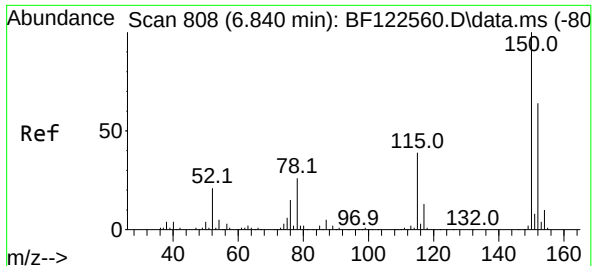
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
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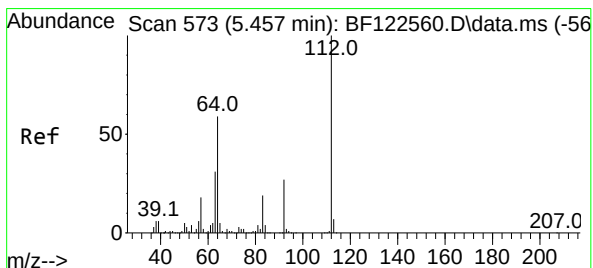
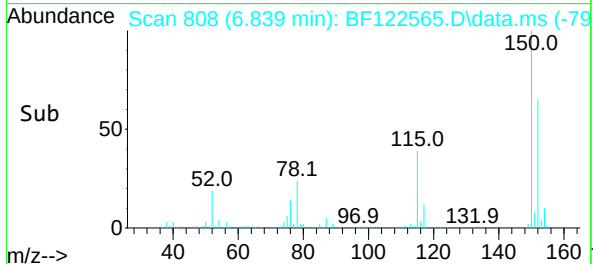
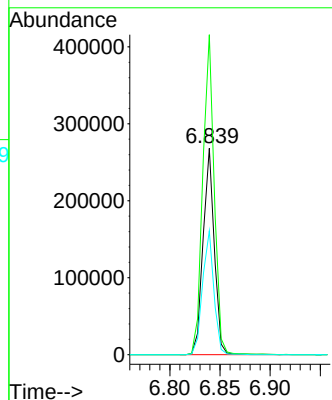
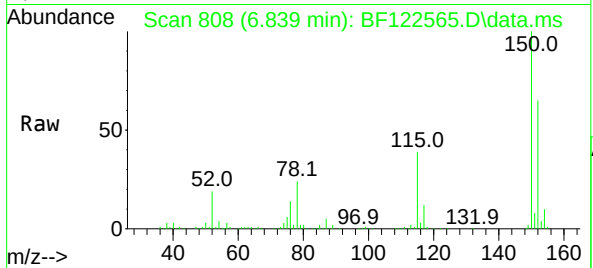




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

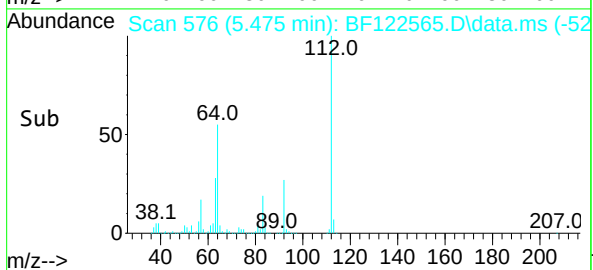
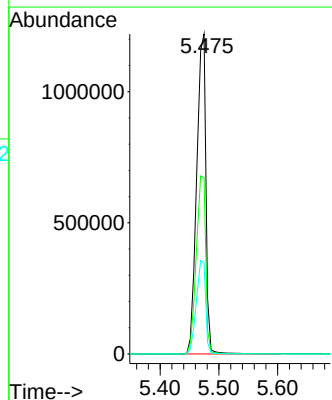
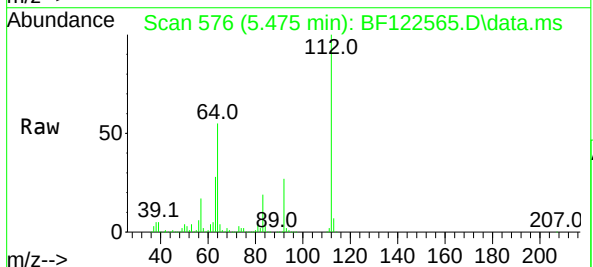
Instrument :
BNA_F
ClientSampleId :
PB1333408TB

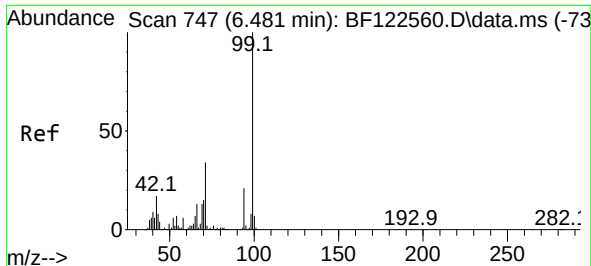
Tgt Ion:152 Resp: 210031
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.0 49.3 73.9



#5
2-Fluorophenol
Concen: 100.39 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Tgt Ion:112 Resp: 1331843
Ion Ratio Lower Upper
112 100
64 55.0 46.9 70.3
63 28.5 24.5 36.7

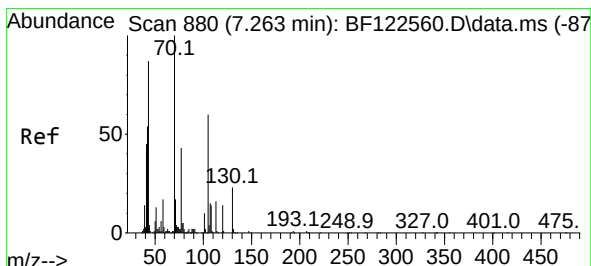
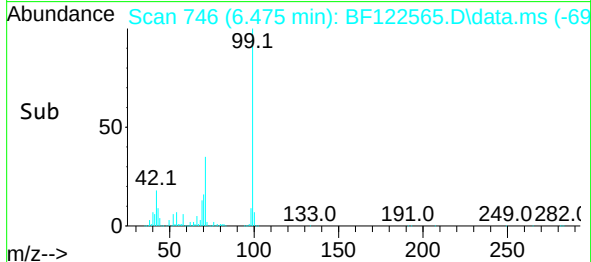
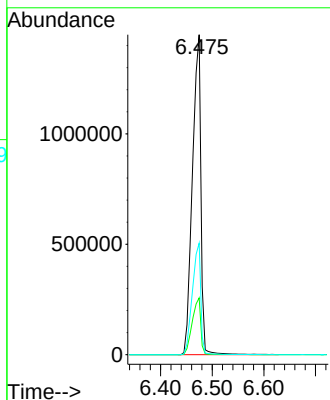
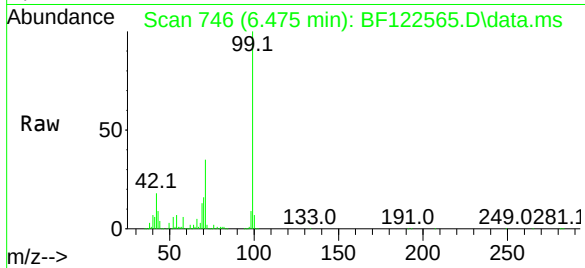




#7
Phenol-d6
Concen: 94.12 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

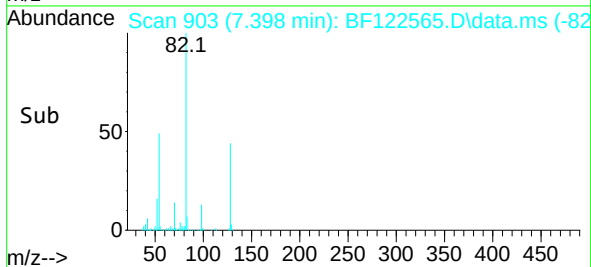
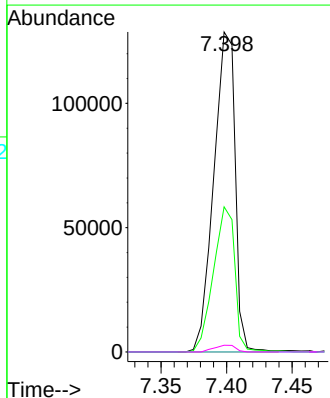
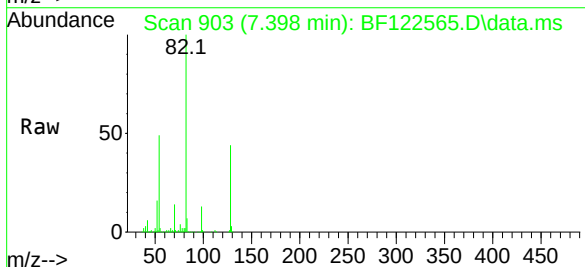
Instrument :
BNA_F
ClientSampleId :
PB1333408TB

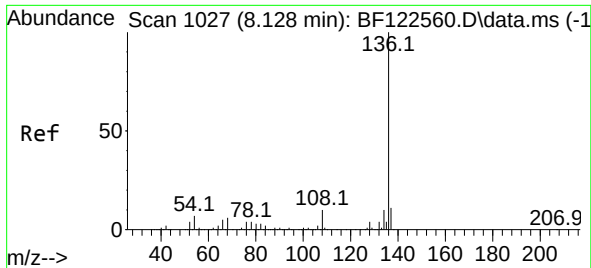
Tgt Ion: 99 Resp: 1656060
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.6
71 34.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.46 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

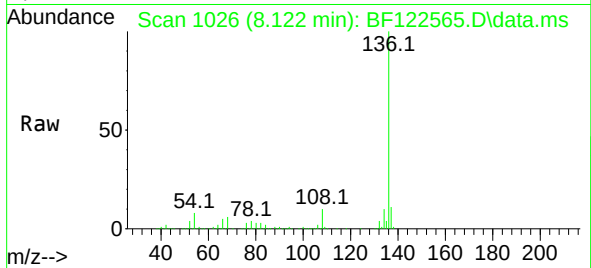
Tgt Ion: 70 Resp: 145771
Ion Ratio Lower Upper
70 100
42 45.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#





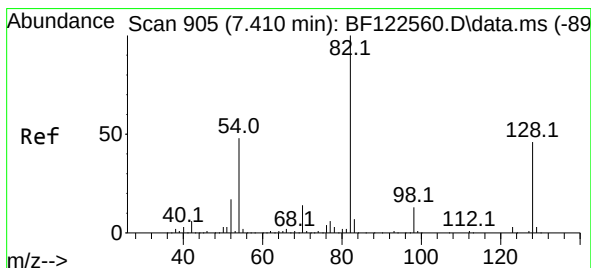
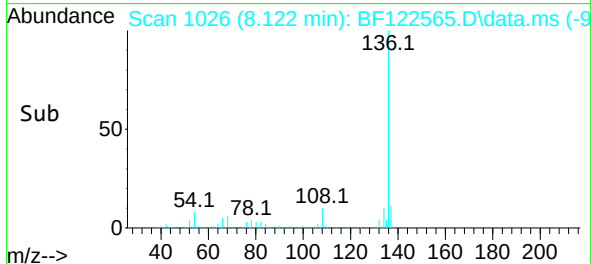
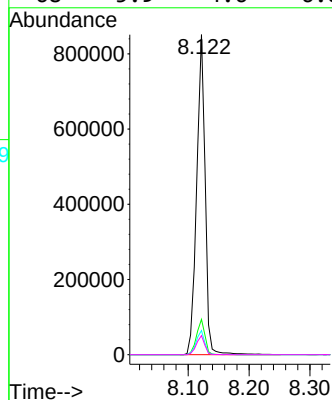
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB1333408TB



Tgt Ion:136 Resp: 825079

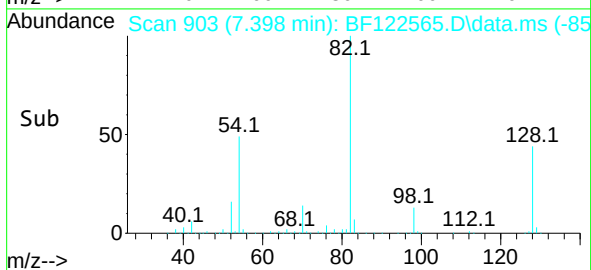
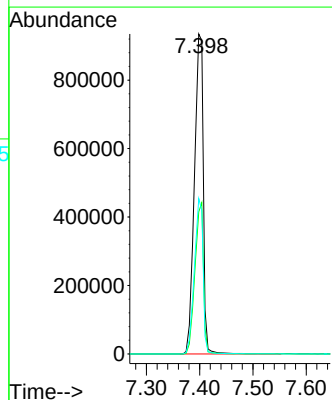
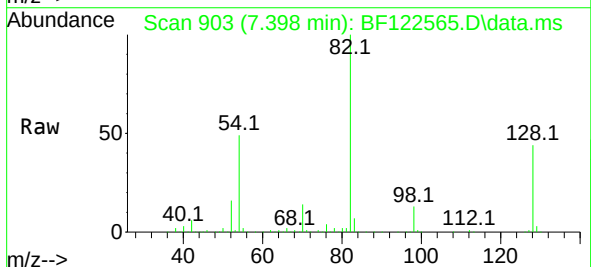
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	5.5	8.3
68	5.9	4.6	6.8

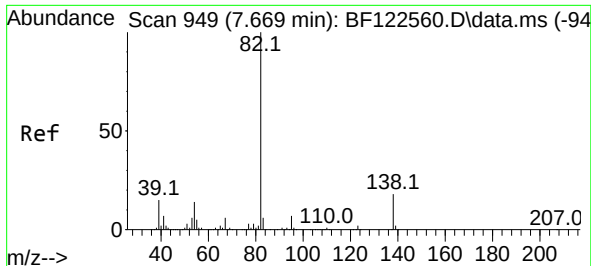


#23
Nitrobenzene-d5
Concen: 66.02 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Tgt Ion: 82 Resp: 1087140

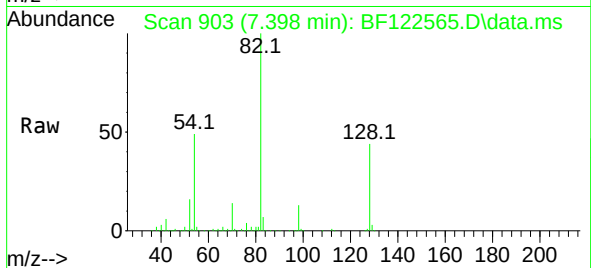
Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.4
54	48.5	38.4	57.6



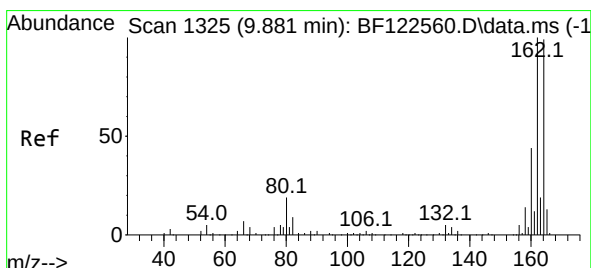
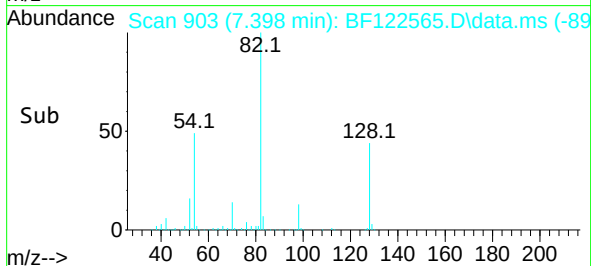
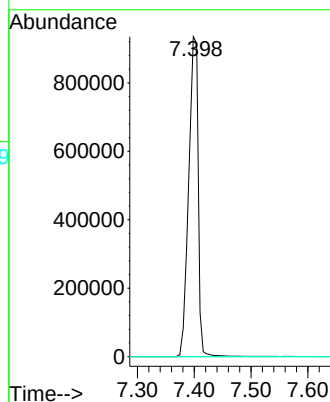


#25
Isophorone
Concen: 37.97 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB1333408TB

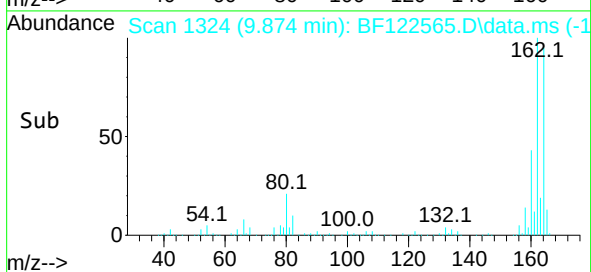
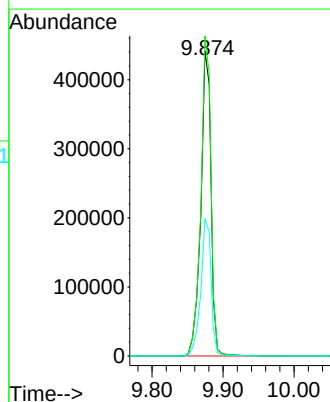
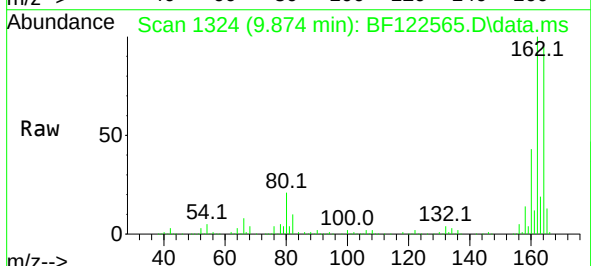


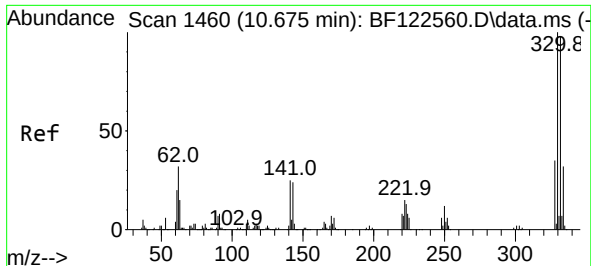
Tgt Ion: 82 Resp: 1076940
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Tgt Ion: 164 Resp: 443981
Ion Ratio Lower Upper
164 100
162 104.9 80.8 121.2
160 44.9 35.4 53.0

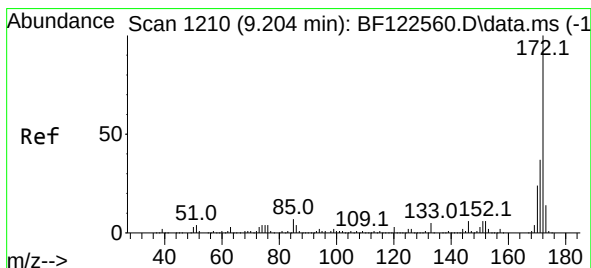
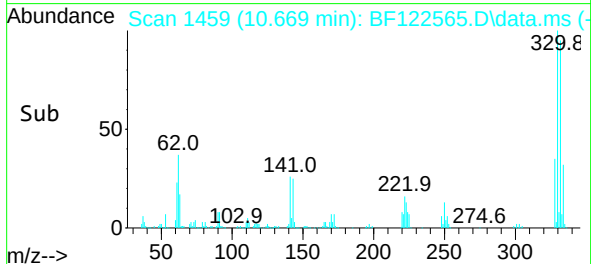
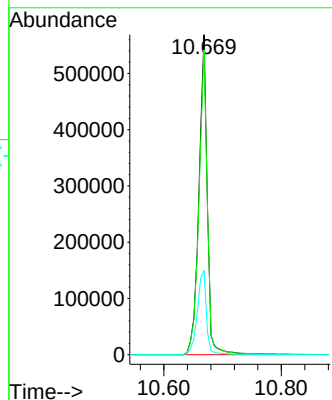
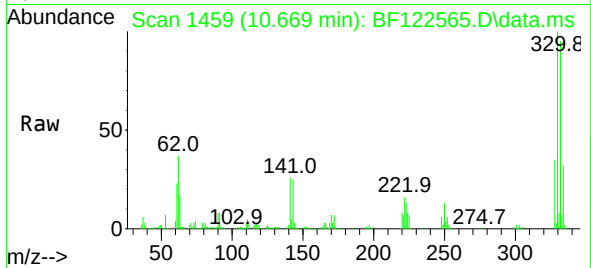




#42
2,4,6-Tribromophenol
Concen: 97.24 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

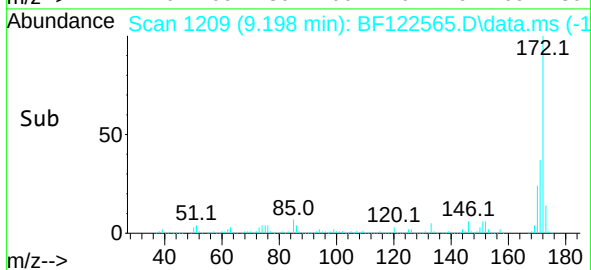
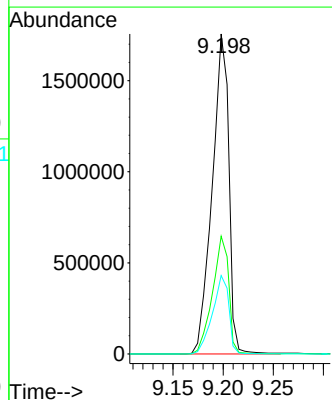
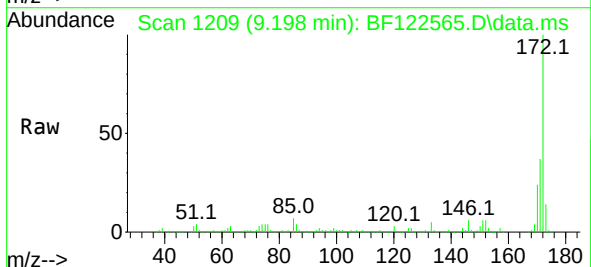
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ClientSampleId :
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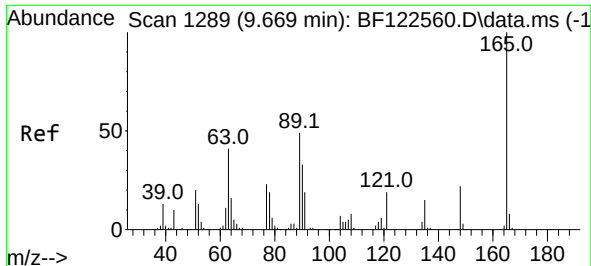
Tgt Ion: 330 Resp: 565110
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 28.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 61.85 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Tgt Ion: 172 Resp: 2030172
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.5 19.5 29.3

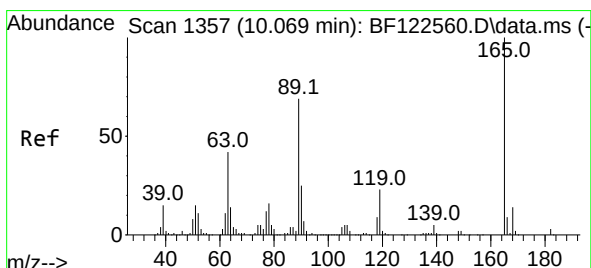
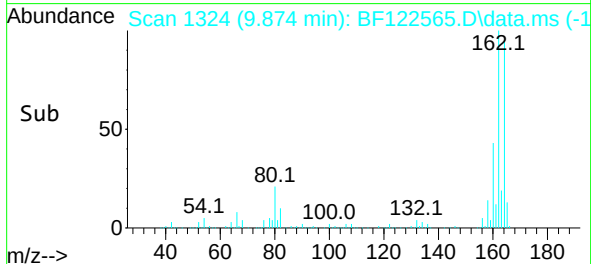
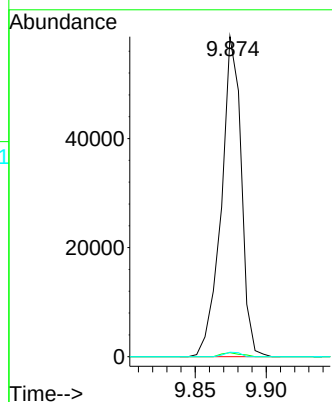
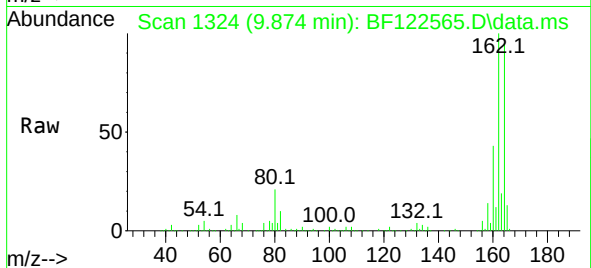




#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

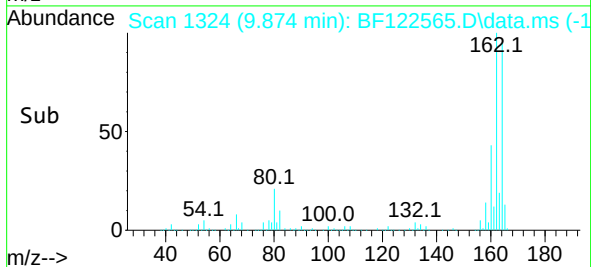
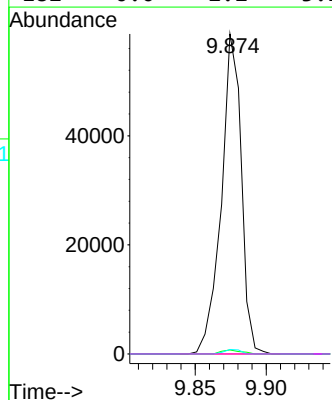
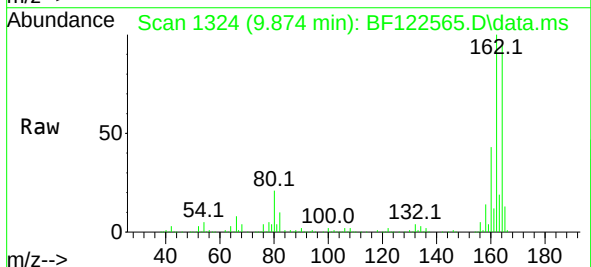
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ClientSampleId :
PB1333408TB

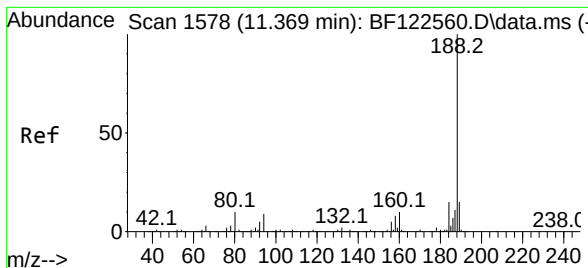
Tgt Ion:165 Resp: 57190
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Tgt Ion:165 Resp: 57190
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

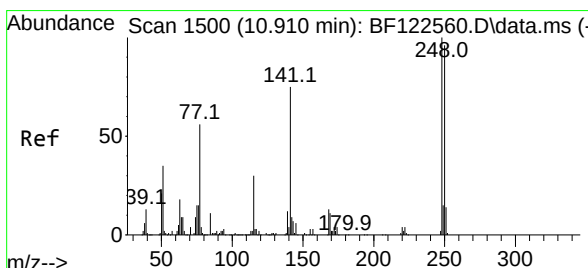
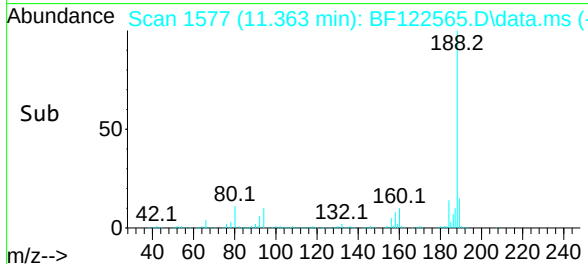
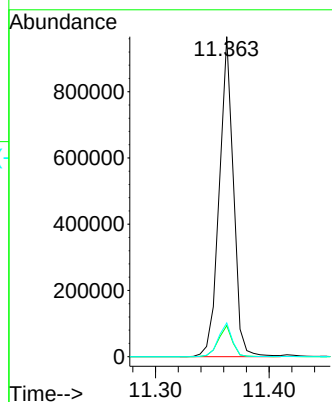
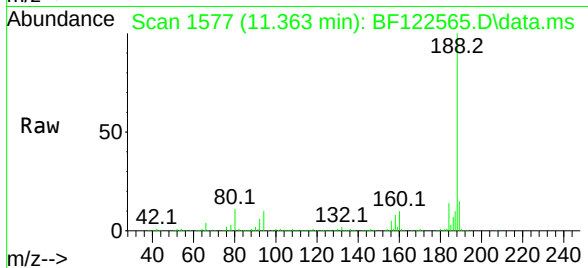




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

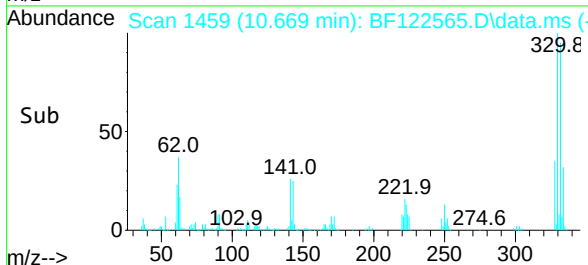
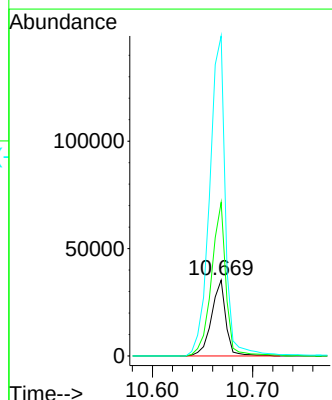
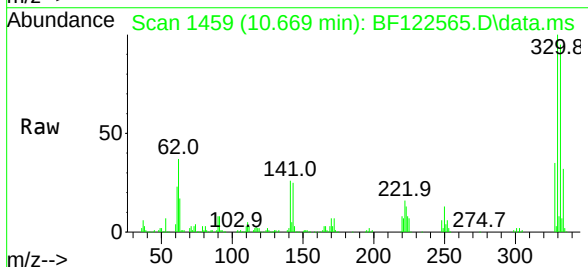
Instrument :
BNA_F
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PB1333408TB

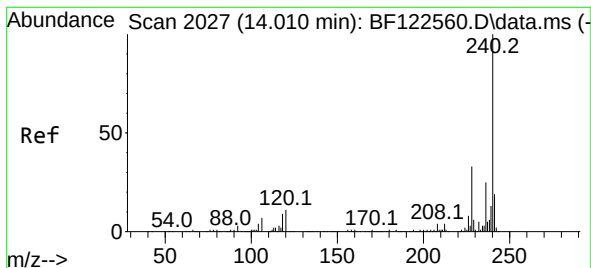
Tgt Ion:188 Resp: 838625
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

Tgt Ion:248 Resp: 35234
Ion Ratio Lower Upper
248 100
250 202.7 76.8 115.2#
141 422.2 59.8 89.8#

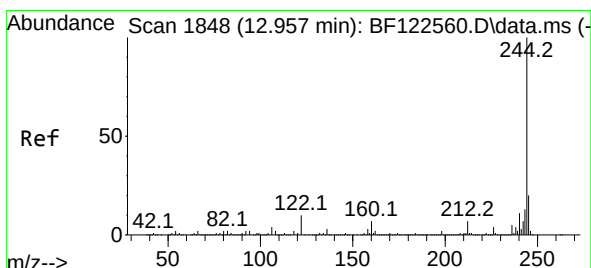
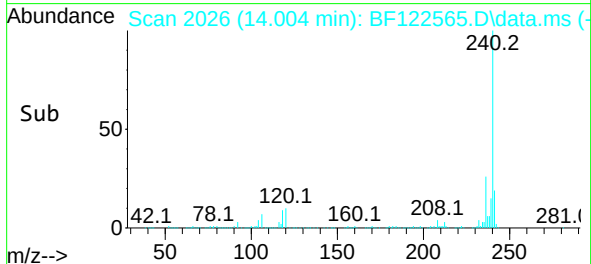
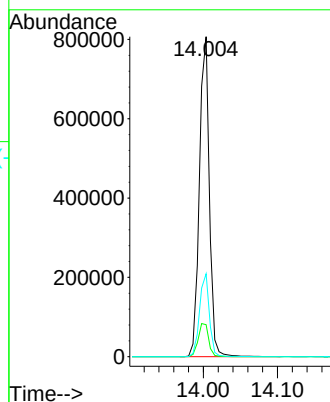
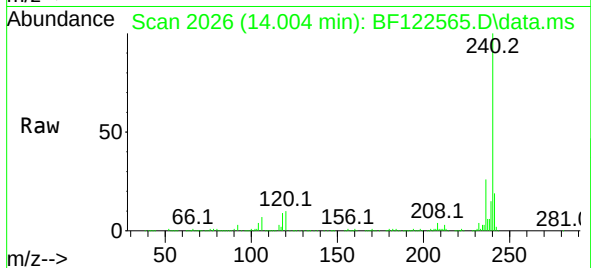




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

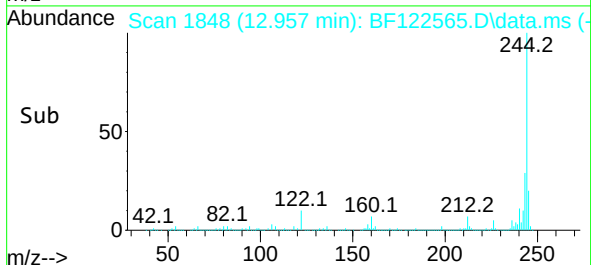
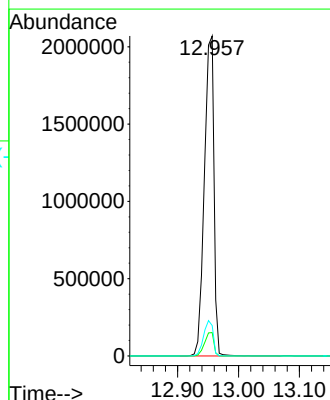
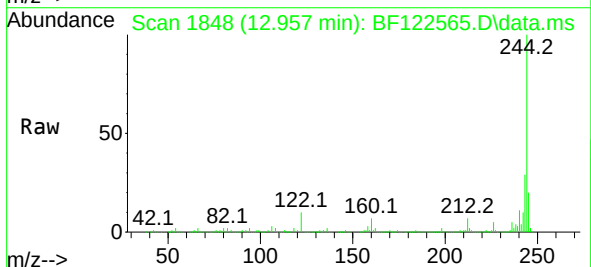
Instrument :
BNA_F
ClientSampleId :
PB1333408TB

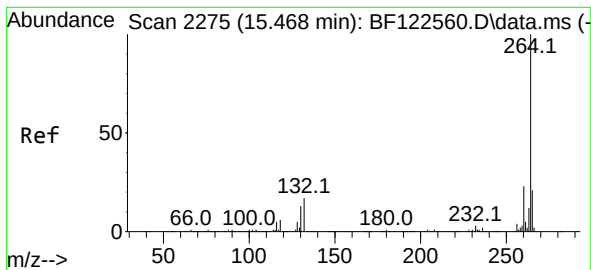
Tgt Ion:240 Resp: 749778
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 53.00 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF122565.D
Acq: 5 Dec 2020 18:50

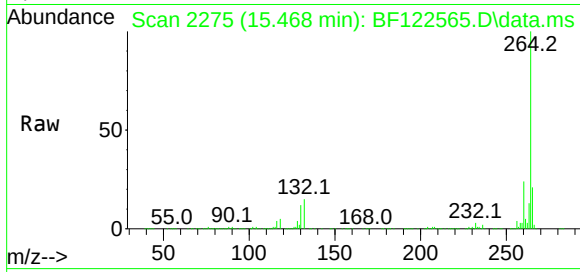
Tgt Ion:244 Resp: 2270344
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF122565.D
 Acq: 5 Dec 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB1333408TB



Tgt Ion:264 Resp: 682573

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.4	17.0	25.6

