

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122758.D
 Acq On : 17 Dec 2020 11:51
 Operator : JU/CG
 Sample : PB133640BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133640BL

Quant Time: Dec 17 17:52:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

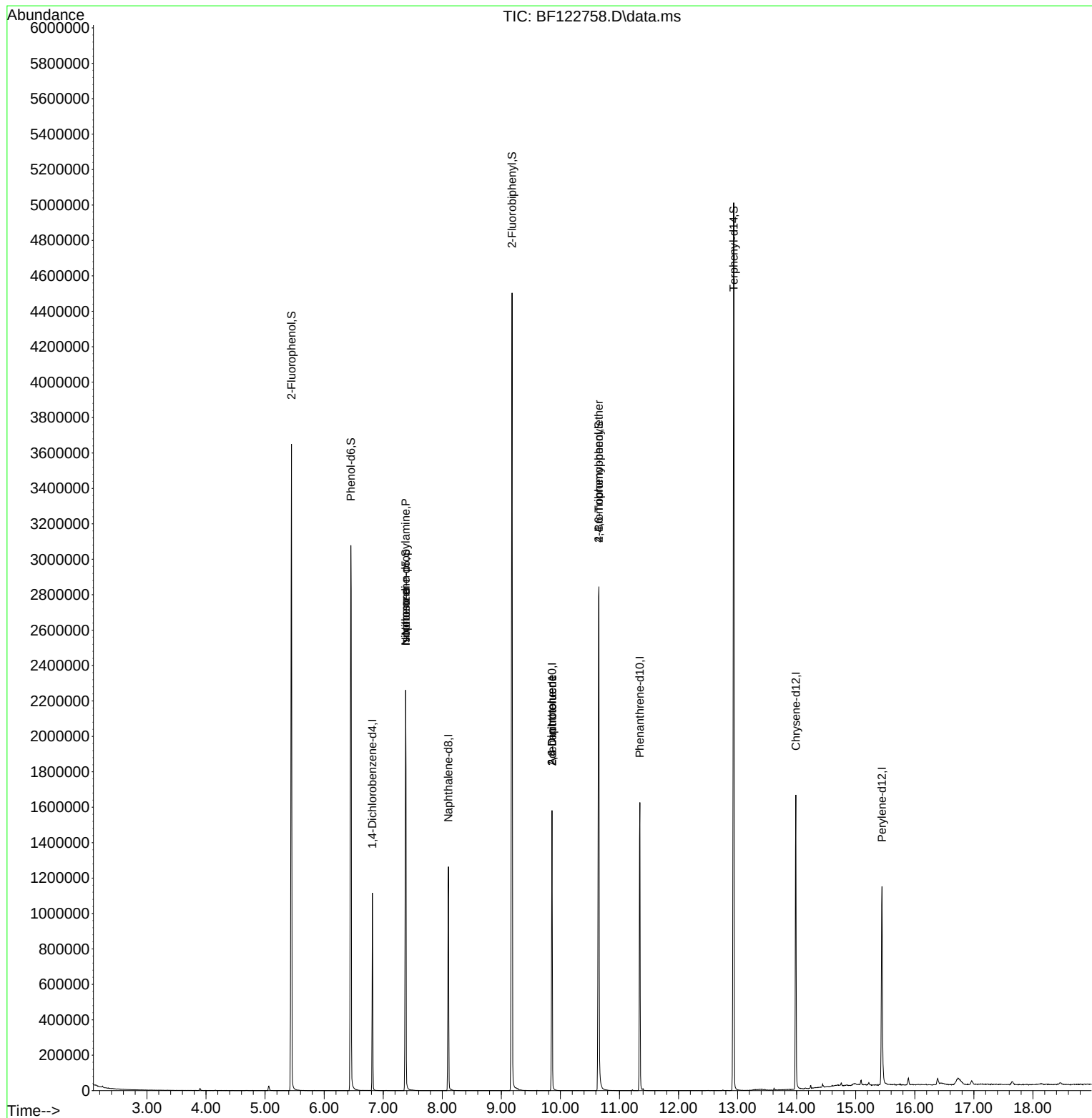
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	158905	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	634562	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	340570	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	638123	20.00	ng	0.00
76) Chrysene-d12	13.986	240	606874	20.00	ng	0.00
86) Perylene-d12	15.445	264	571918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1105881	110.18	ng	0.01
7) Phenol-d6	6.451	99	1384972	104.04	ng	0.00
23) Nitrobenzene-d5	7.381	82	883668	69.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	469081	105.22	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1657810	65.84	ng	0.00
79) Terphenyl-d14	12.933	244	1954397	56.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	116015	15.21	ng	Qvalue # 76
25) Isophorone	7.381	82	883663	40.51	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	43362	7.55	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	43362	5.67	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	29290	3.39	ng	# 1

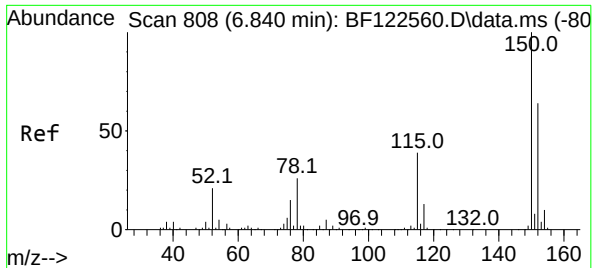
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

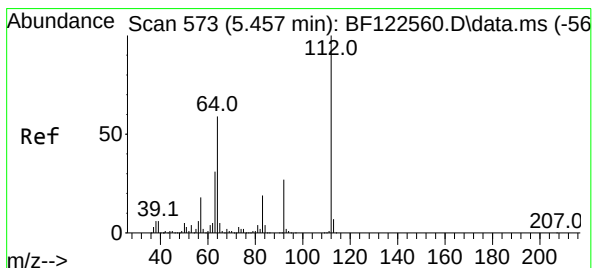
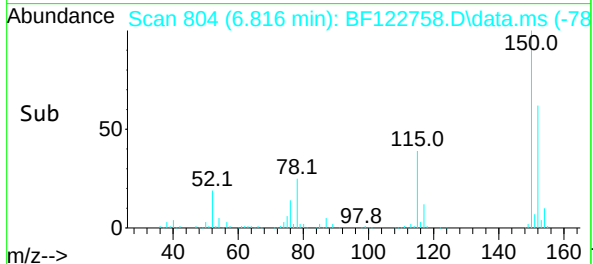
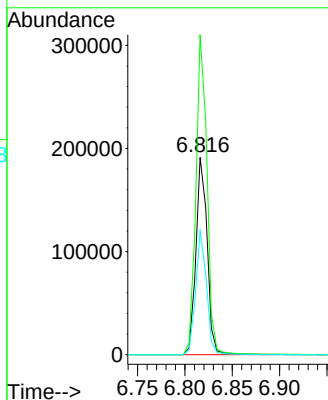
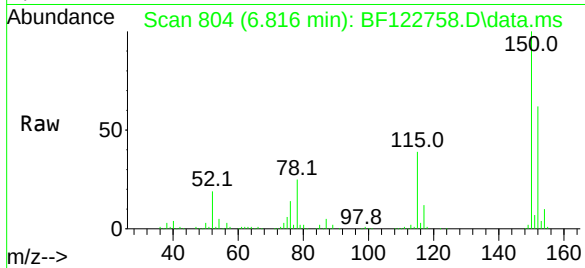




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

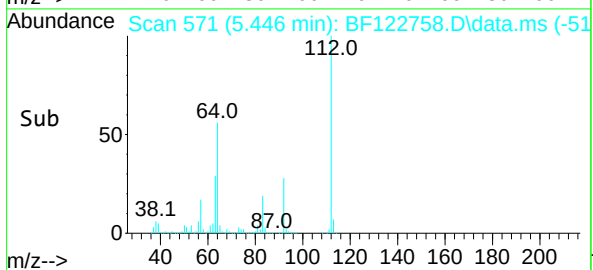
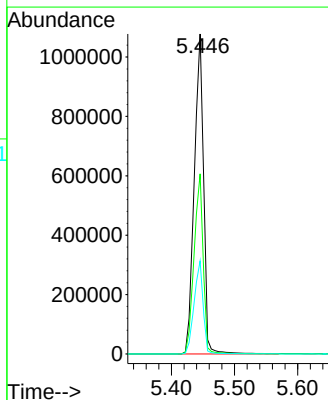
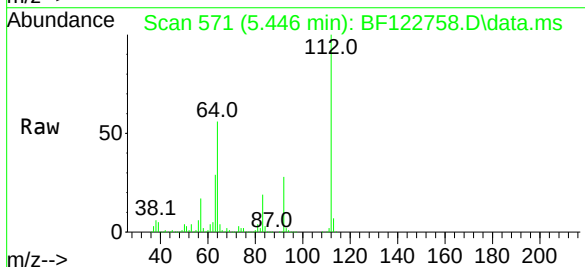
Instrument :
BNA_F
ClientSampleId :
PB133640BL

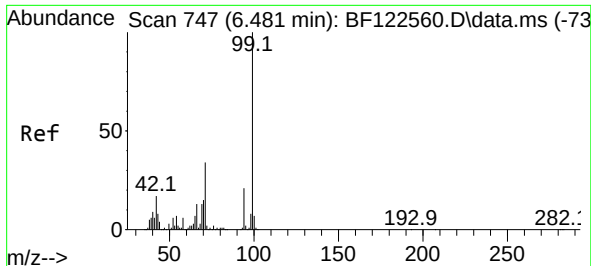
Tgt Ion:152 Resp: 158905
Ion Ratio Lower Upper
152 100
150 162.2 125.8 188.6
115 62.8 49.3 73.9



#5
2-Fluorophenol
Concen: 110.18 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Tgt Ion:112 Resp: 1105881
Ion Ratio Lower Upper
112 100
64 56.3 46.9 70.3
63 29.1 24.5 36.7

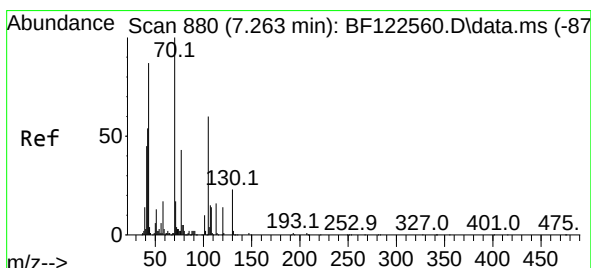
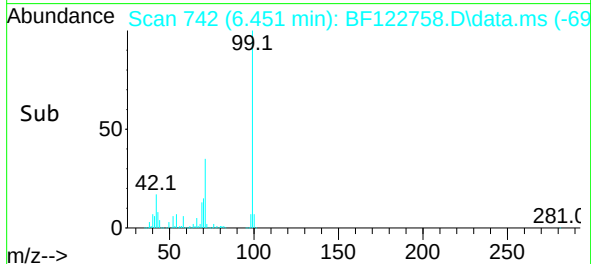
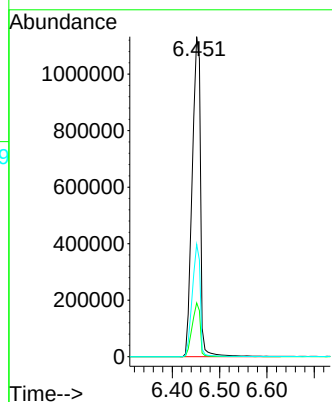
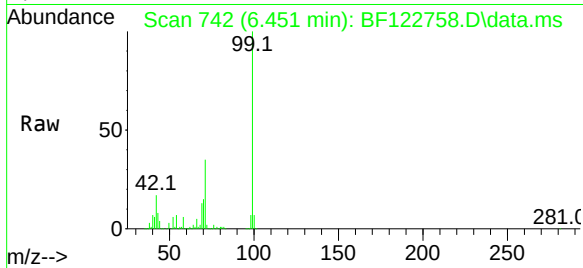




#7
Phenol-d6
Concen: 104.04 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

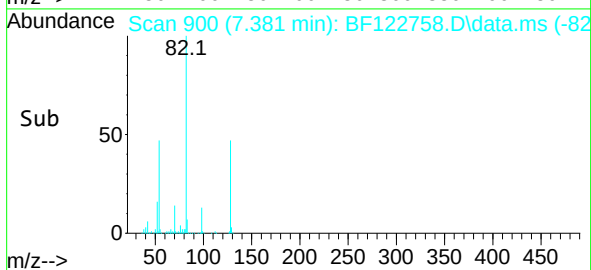
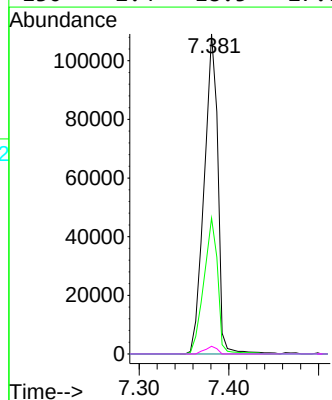
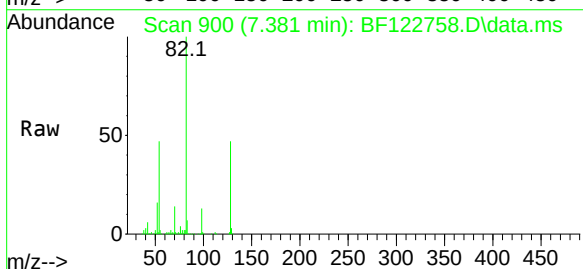
Instrument :
BNA_F
ClientSampleId :
PB133640BL

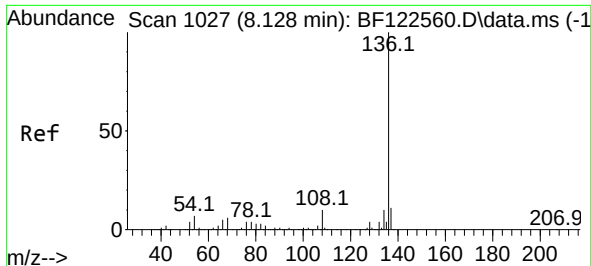
Tgt Ion: 99 Resp: 1384972
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.6
71 35.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.21 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

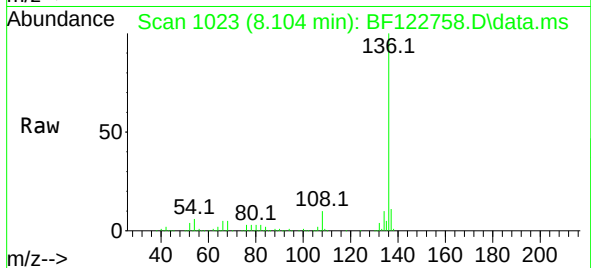
Tgt Ion: 70 Resp: 116015
Ion Ratio Lower Upper
70 100
42 42.4 43.0 64.4#
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



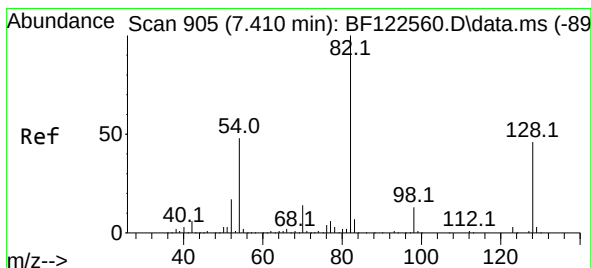
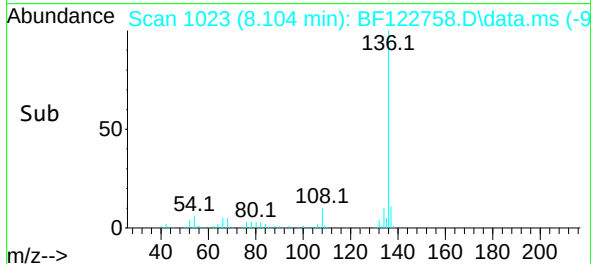
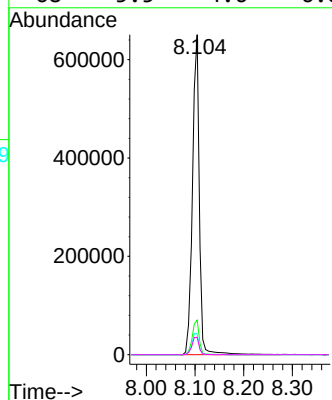


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Instrument :
BNA_F
ClientSampleId :
PB133640BL

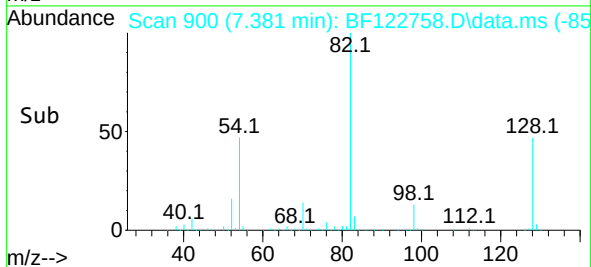
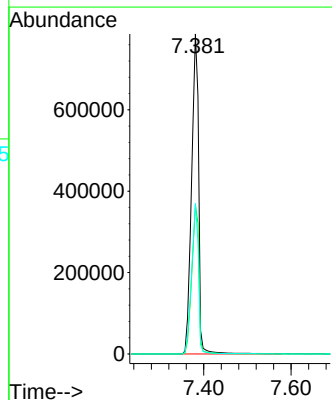
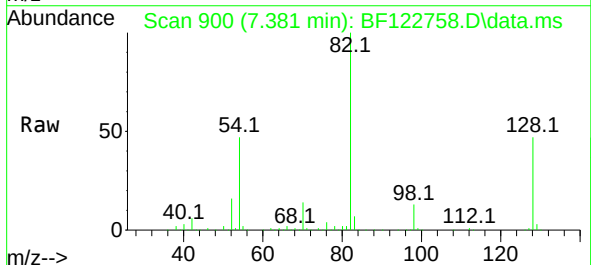


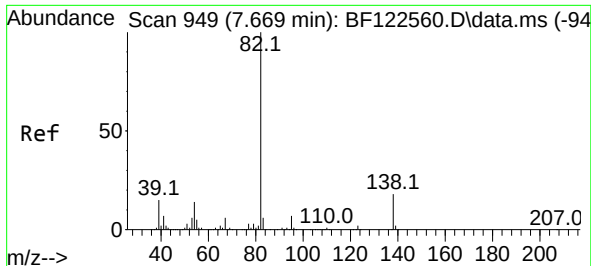
Tgt	Ion:136	Resp:	634562
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.5	8.3
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 69.77 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

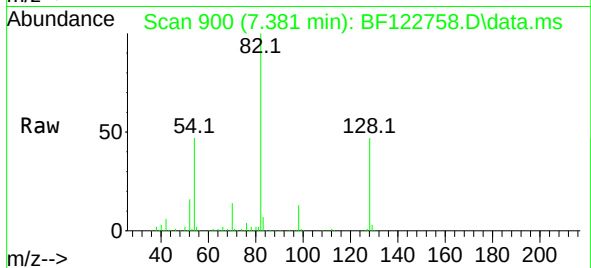
Tgt Ion: 82	Resp: 883668
Ion Ratio	Lower Upper
82 100	
128 46.5	37.0 55.4
54 47.1	38.4 57.6



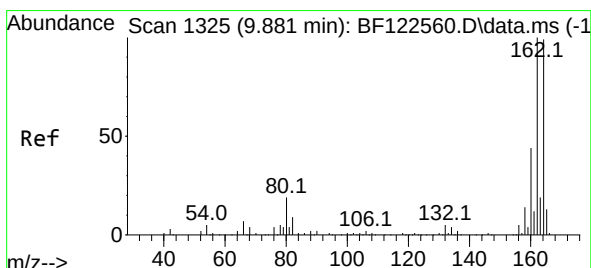
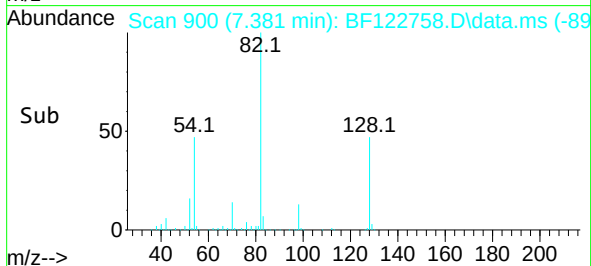
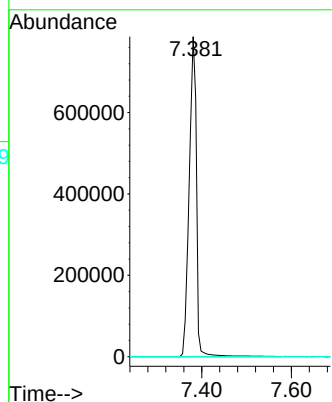


#25
Isophorone
Concen: 40.51 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Instrument :
BNA_F
ClientSampleId :
PB133640BL

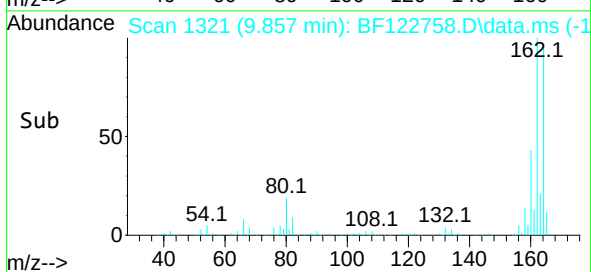
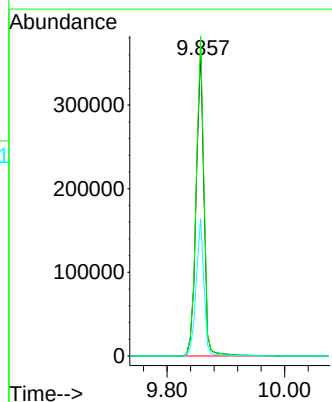
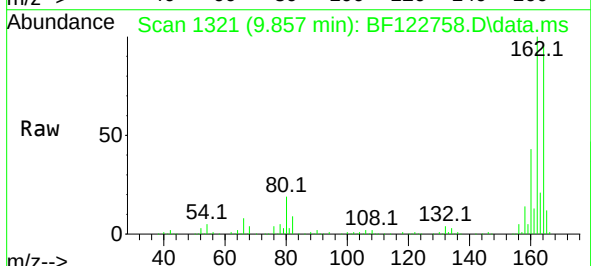


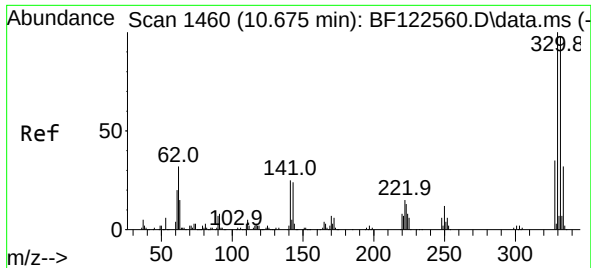
Tgt Ion: 82 Resp: 883663
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Tgt Ion: 164 Resp: 340570
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 44.6 35.4 53.0

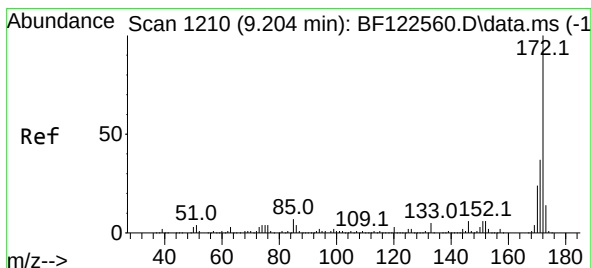
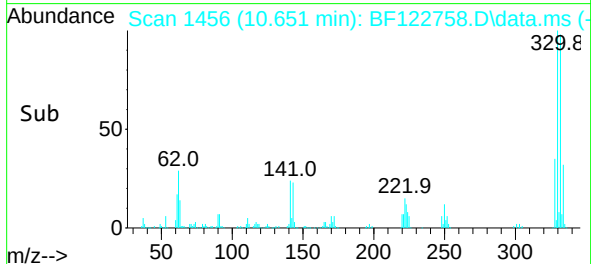
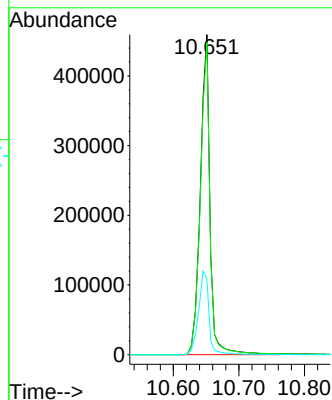
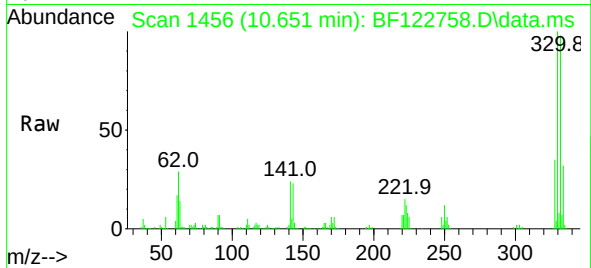




#42
 2,4,6-Tribromophenol
 Concen: 105.22 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BF122758.D
 Acq: 17 Dec 2020 11:51

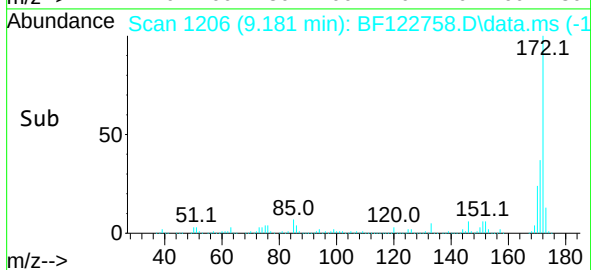
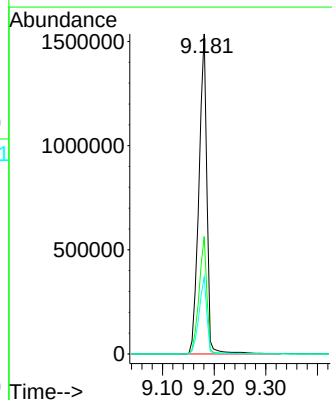
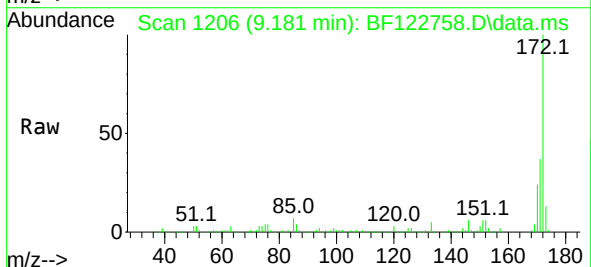
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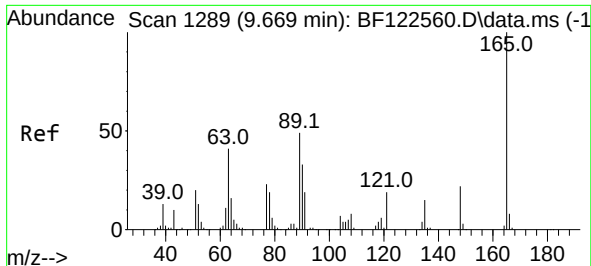
Tgt Ion: 330 Resp: 469081
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.5 116.3
 141 28.6 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 9.181 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF122758.D
 Acq: 17 Dec 2020 11:51

Tgt Ion: 172 Resp: 1657810
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.1 19.5 29.3

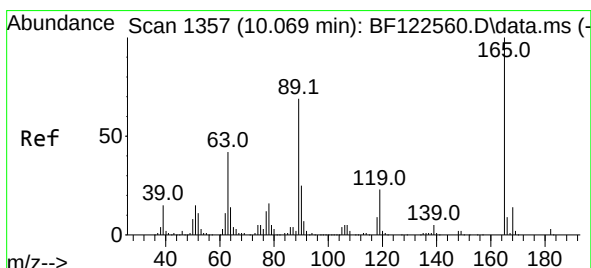
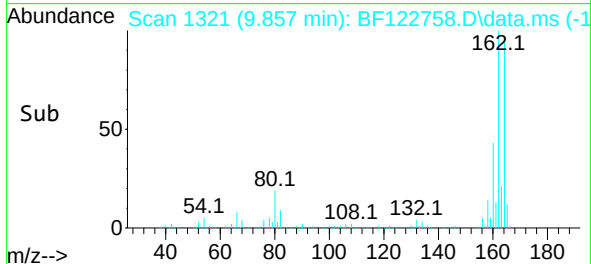
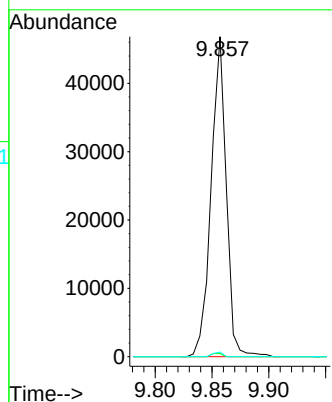
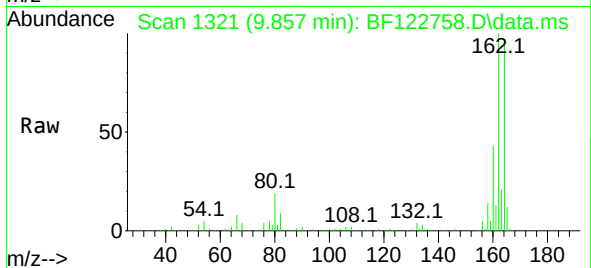




#51
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

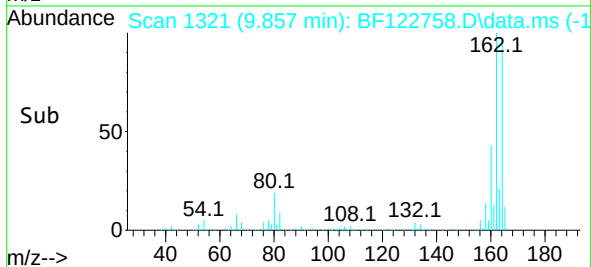
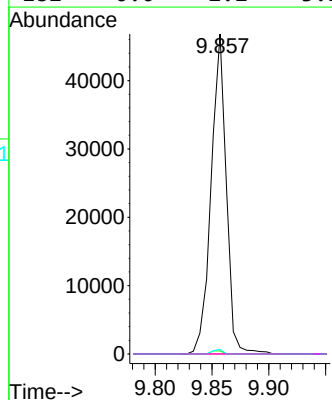
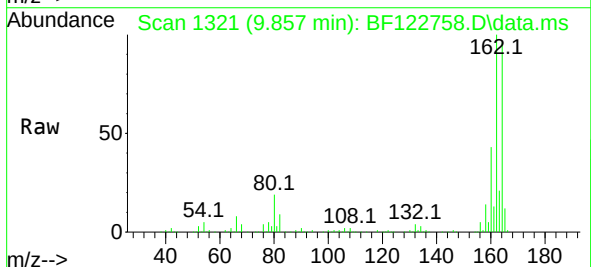
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ClientSampleId :
PB133640BL

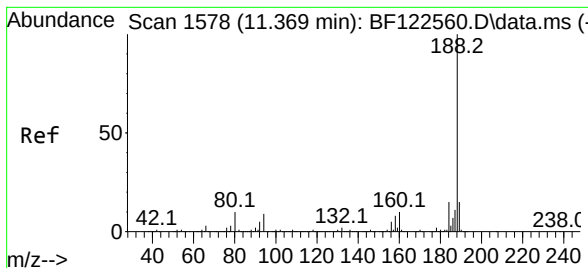
Tgt Ion:165 Resp: 43362
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Tgt Ion:165 Resp: 43362
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

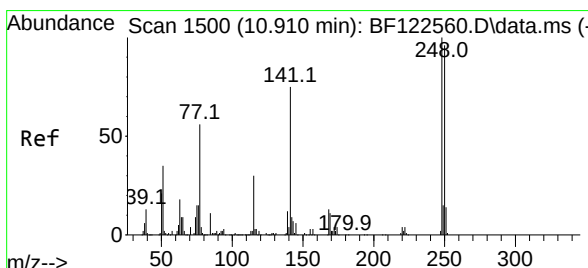
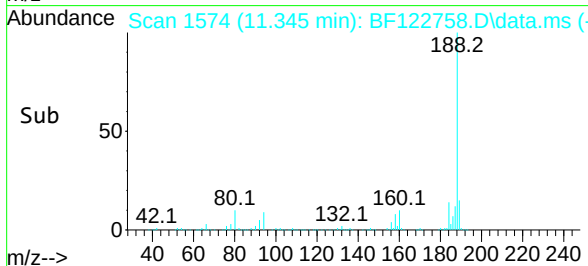
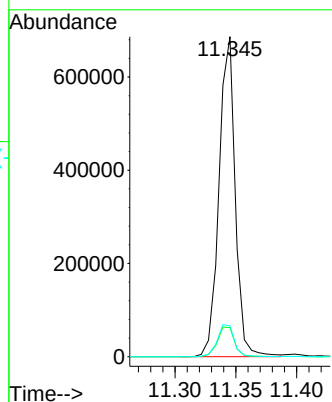
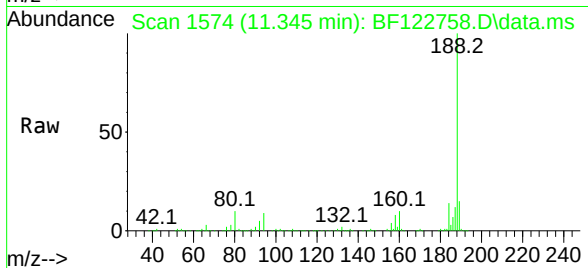




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

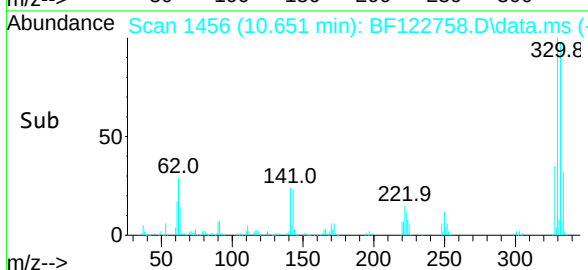
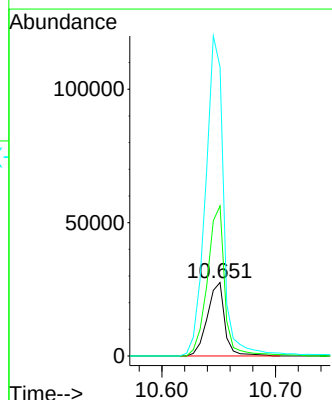
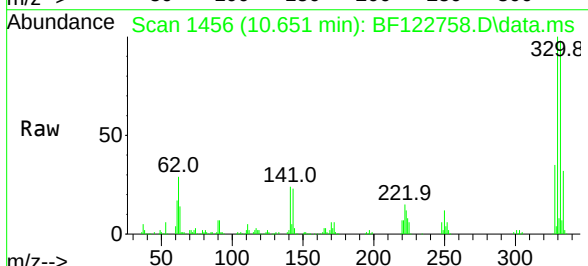
Instrument :
BNA_F
ClientSampleId :
PB133640BL

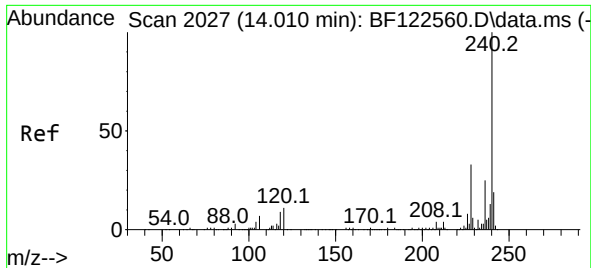
Tgt Ion:188 Resp: 638123
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Tgt Ion:248 Resp: 29290
Ion Ratio Lower Upper
248 100
250 204.4 76.8 115.2#
141 393.7 59.8 89.8#

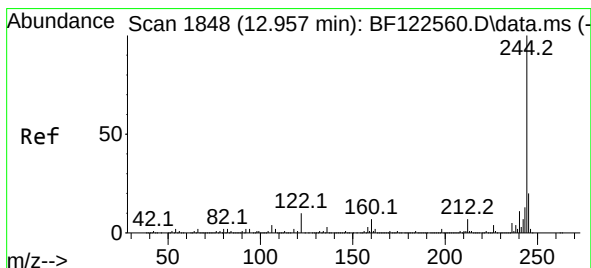
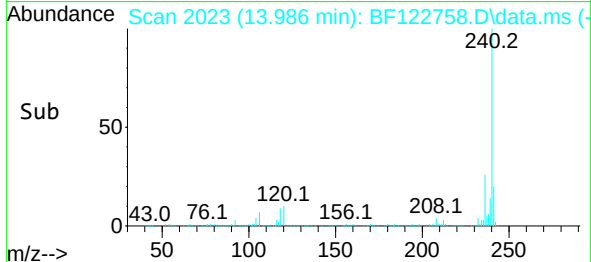
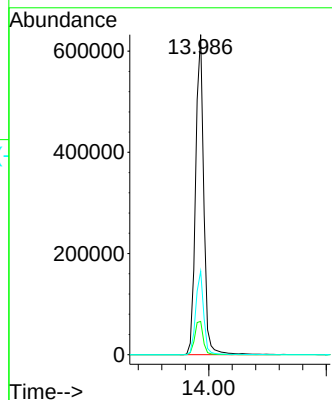
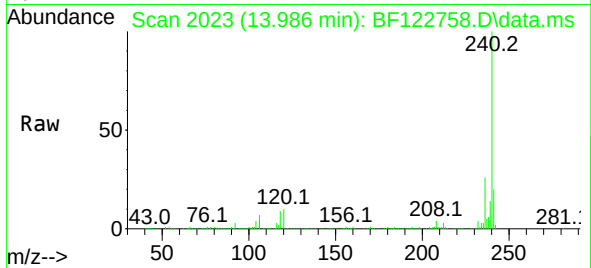




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

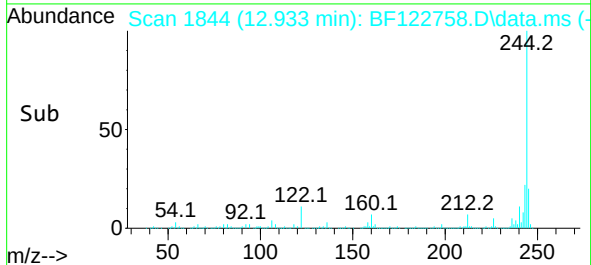
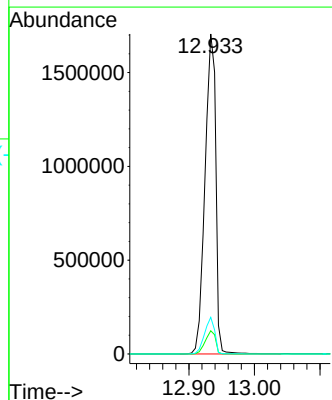
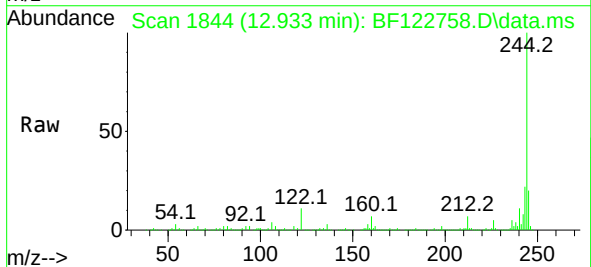
Instrument :
BNA_F
ClientSampleId :
PB133640BL

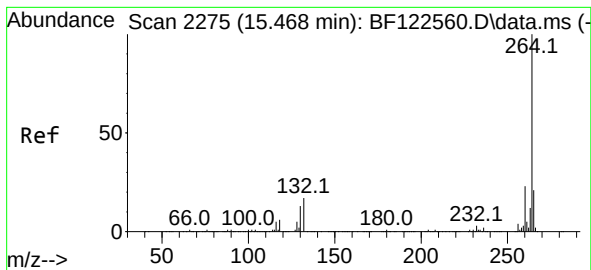
Tgt Ion:240 Resp: 606874
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 56.37 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122758.D
Acq: 17 Dec 2020 11:51

Tgt Ion:244 Resp: 1954397
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122758.D
 Acq: 17 Dec 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB133640BL

Tgt Ion:264 Resp: 571918
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.4 17.0 25.6

