

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122835.D
 Acq On : 23 Dec 2020 16:41
 Operator : JU/CG
 Sample : PB133783BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133783BL

Quant Time: Dec 23 17:16:17 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)

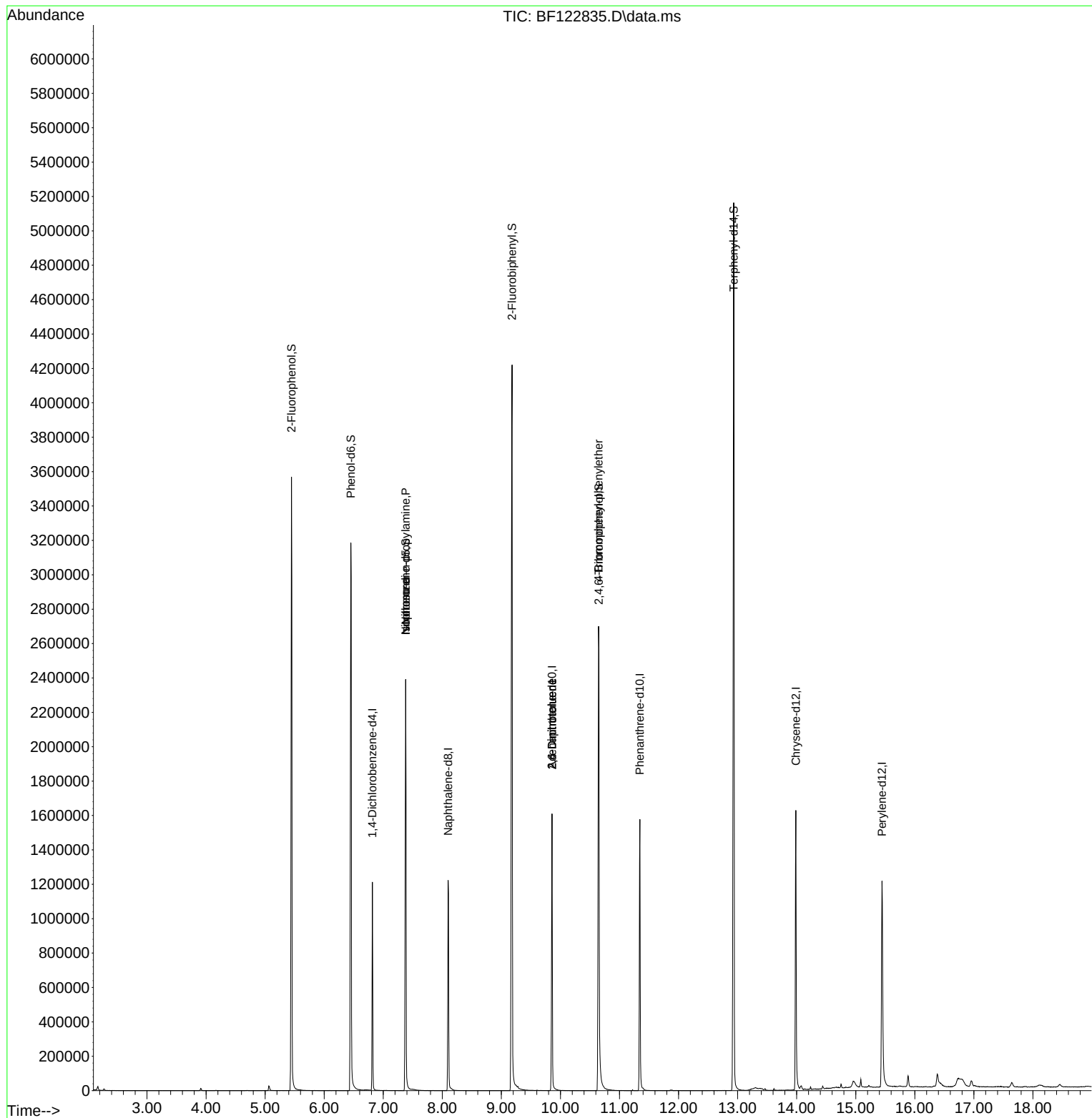
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	174963	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	677216	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	361495	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	677826	20.00	ng	0.00
76) Chrysene-d12	13.986	240	665104	20.00	ng	0.00
86) Perylene-d12	15.445	264	687469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1151205	104.17	ng	0.01
7) Phenol-d6	6.451	99	1425601	97.26	ng	0.00
23) Nitrobenzene-d5	7.380	82	918252	67.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	501801	106.05	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1752109	65.56	ng	0.00
79) Terphenyl-d14	12.933	244	2045234	53.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	121502	14.47	ng	# 78
25) Isophorone	7.380	82	918242	39.44	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	46648	7.65	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	46648	5.74	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	31431	3.42	ng	# 1

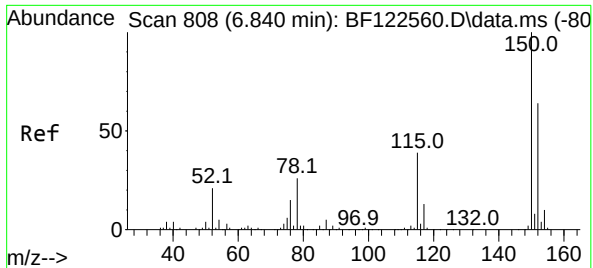
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 23 17:16:17 2020
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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

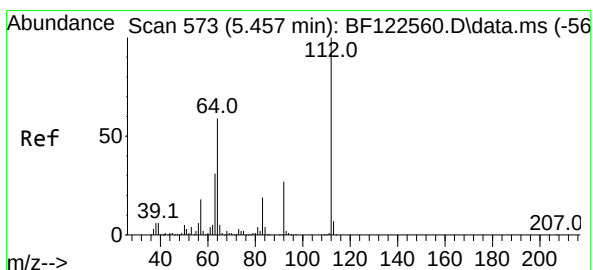
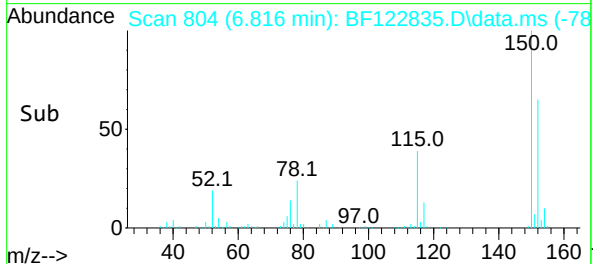
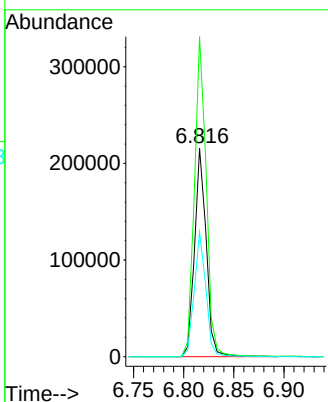
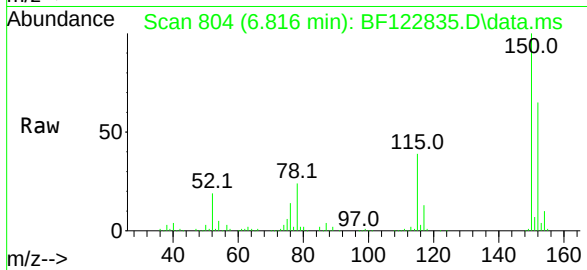




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

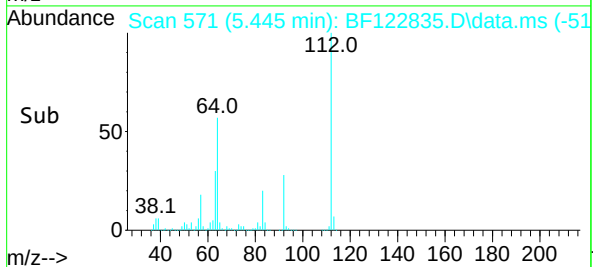
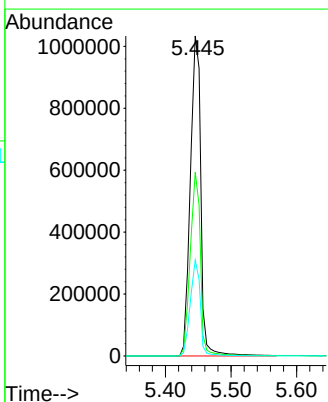
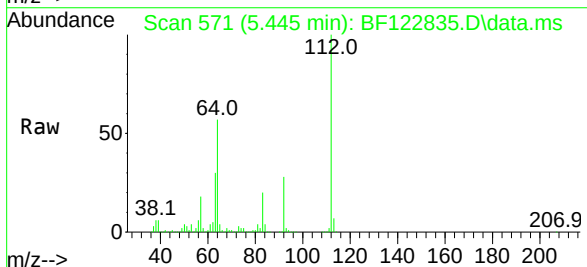
Instrument :
BNA_F
ClientSampleId :
PB133783BL

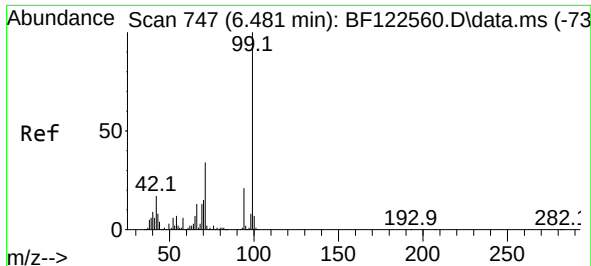
Tgt Ion:152 Resp: 174963
Ion Ratio Lower Upper
152 100
150 153.5 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 104.17 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.011 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Tgt Ion:112 Resp: 1151205
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 29.9 24.5 36.7

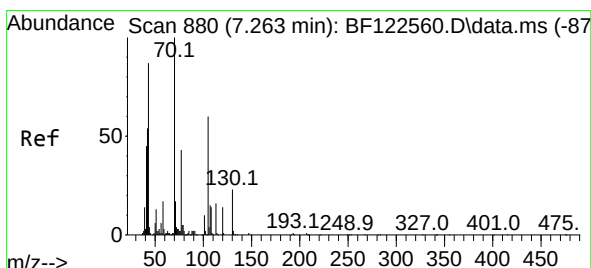
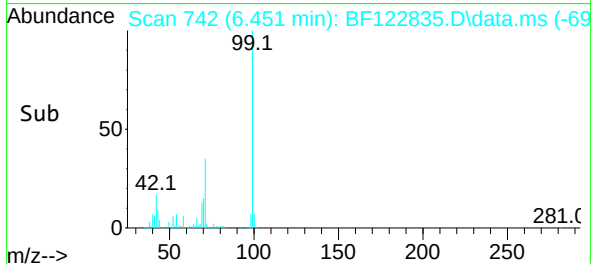
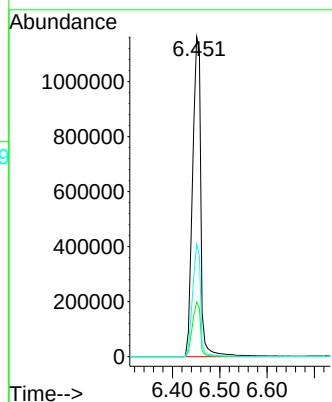
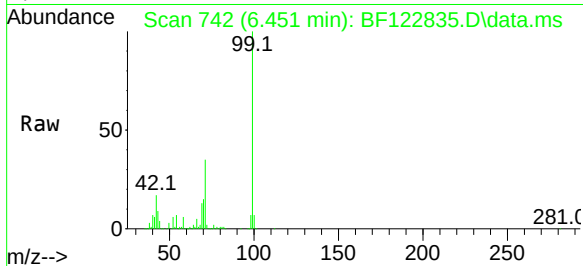




#7
Phenol-d6
Concen: 97.26 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

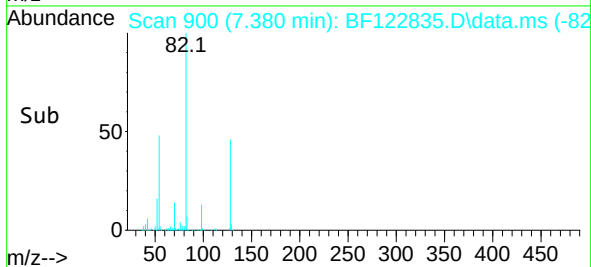
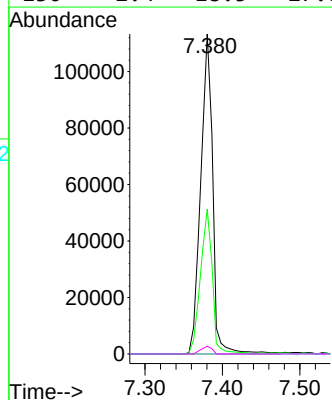
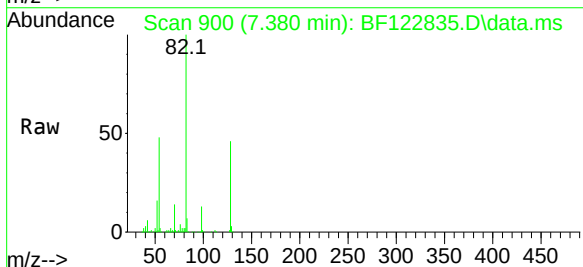
Instrument :
BNA_F
ClientSampleId :
PB133783BL

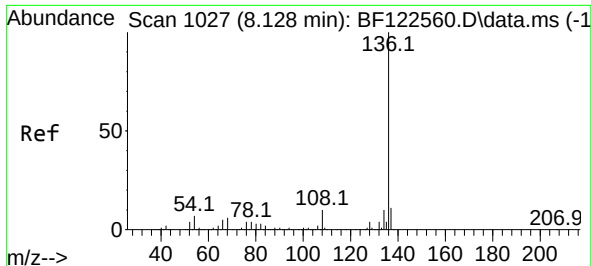
Tgt Ion: 99 Resp: 1425601
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.6
71 35.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.47 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

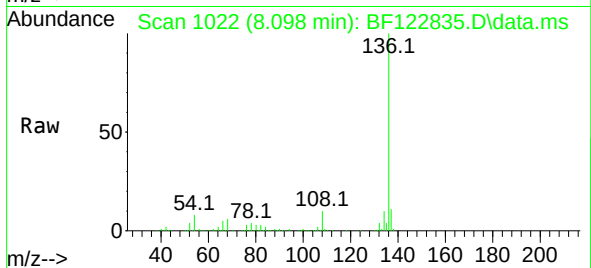
Tgt Ion: 70 Resp: 121502
Ion Ratio Lower Upper
70 100
42 45.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



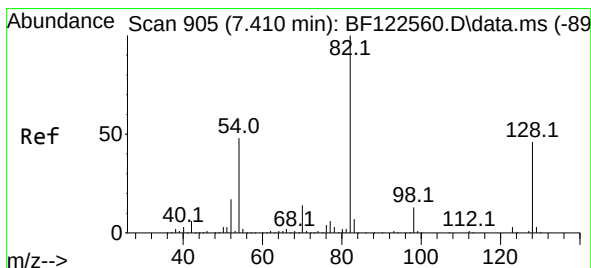
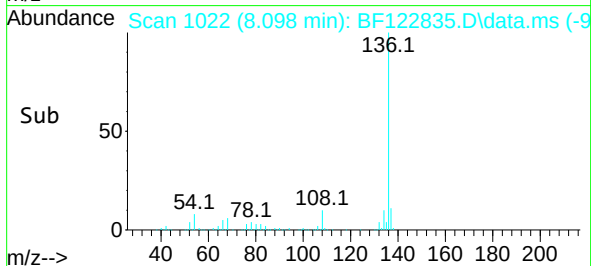
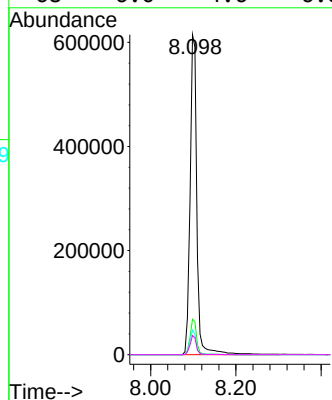


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
PB133783BL

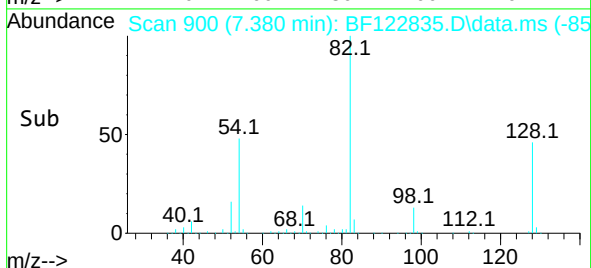
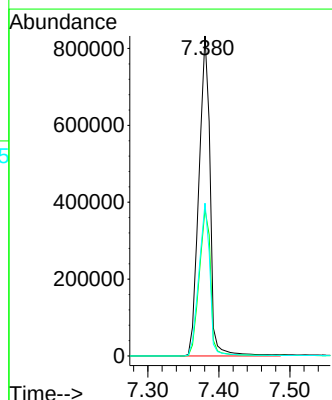
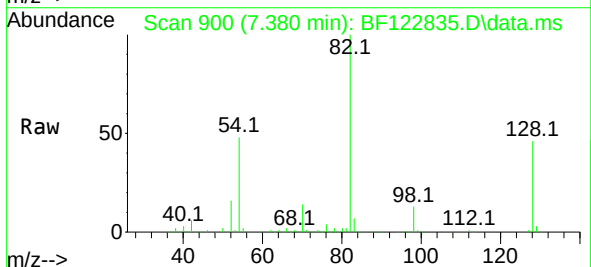


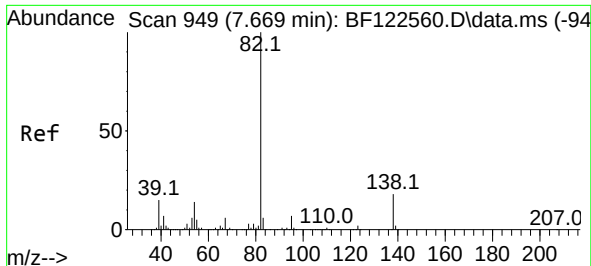
Tgt Ion:136	Resp: 677216
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	7.7 5.5 8.3
68	6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 67.93 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Tgt Ion: 82	Resp: 918252
Ion Ratio	Lower Upper
82	100
128	45.8 37.0 55.4
54	47.7 38.4 57.6

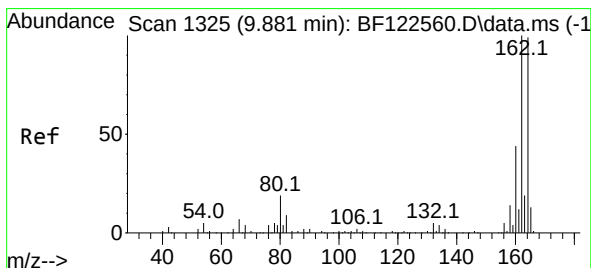
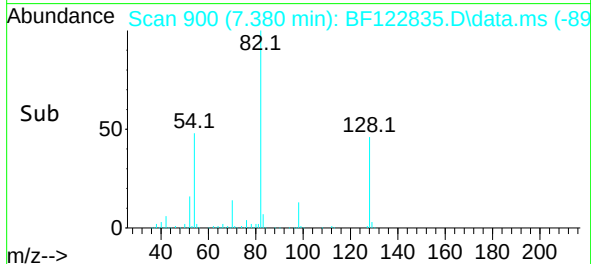
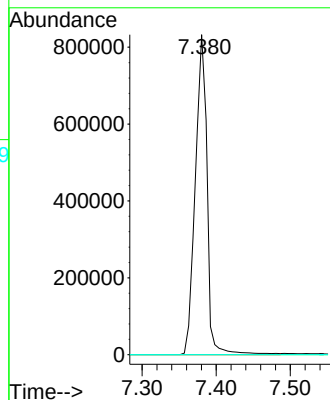
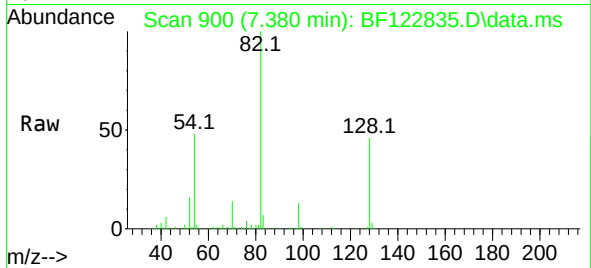




#25
Isophorone
Concen: 39.44 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

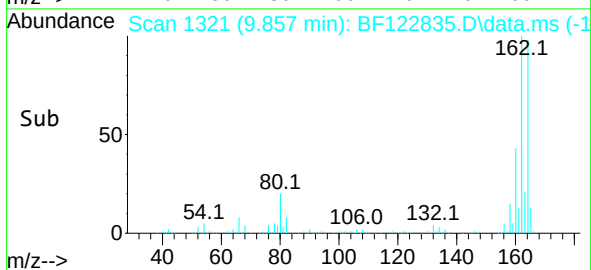
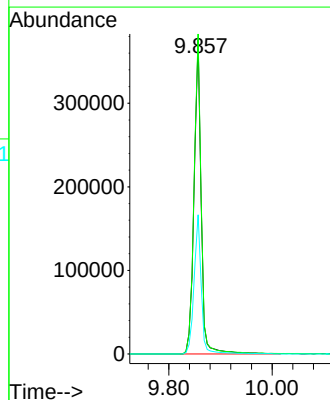
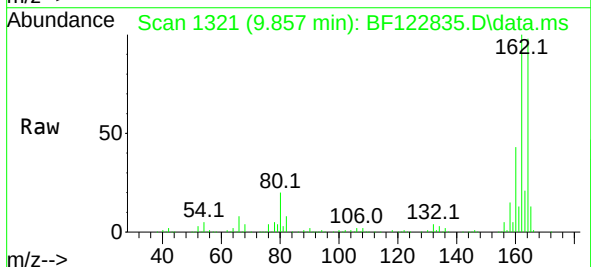
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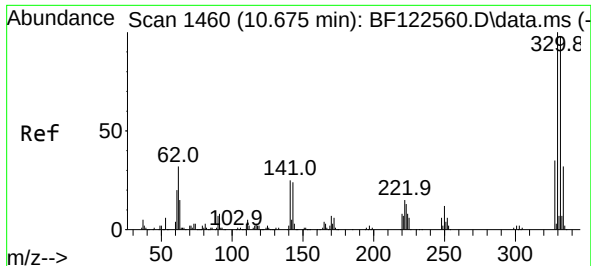
Tgt Ion: 82 Resp: 918242
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

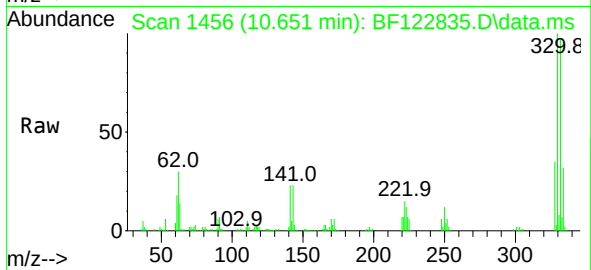
Tgt Ion:164 Resp: 361495
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 44.3 35.4 53.0



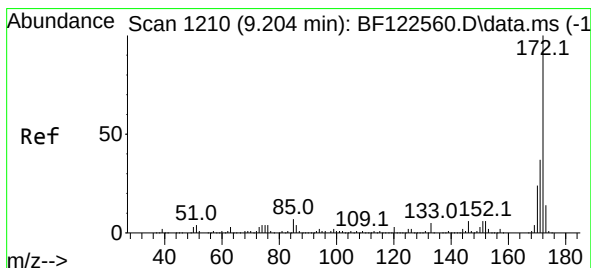
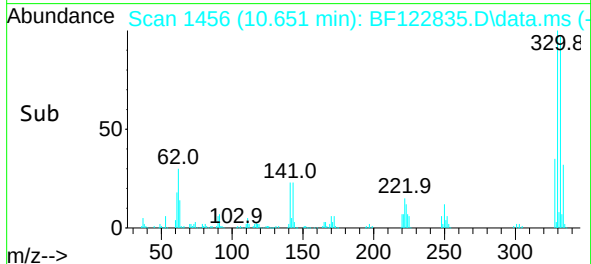
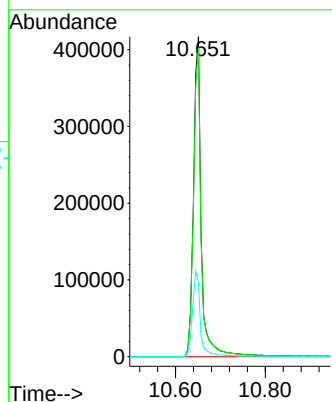


#42
2,4,6-Tribromophenol
Concen: 106.05 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
PB133783BL

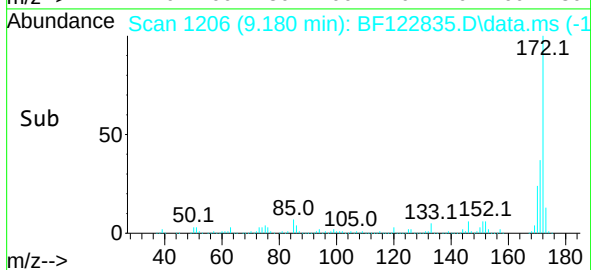
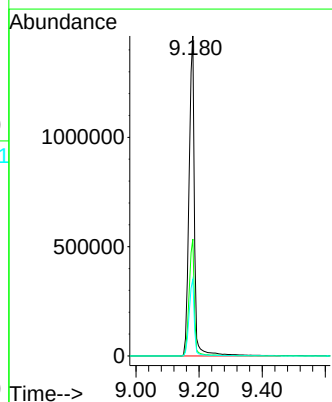
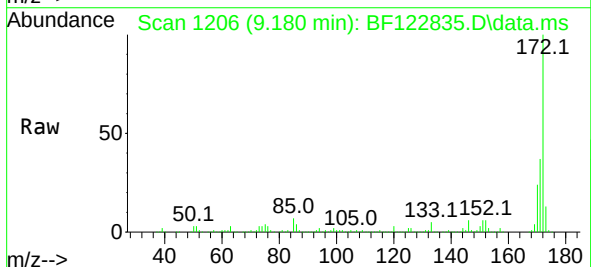


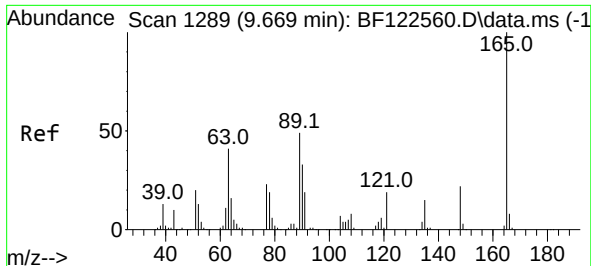
Tgt Ion: 330 Resp: 501801
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 27.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.56 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Tgt Ion: 172 Resp: 1752109
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.0 19.5 29.3

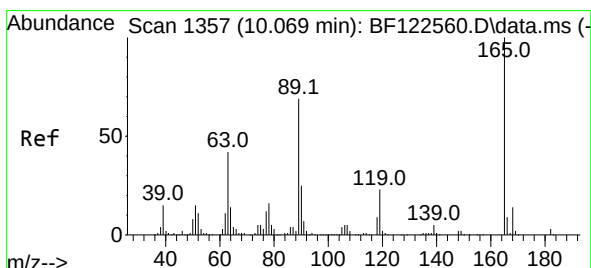
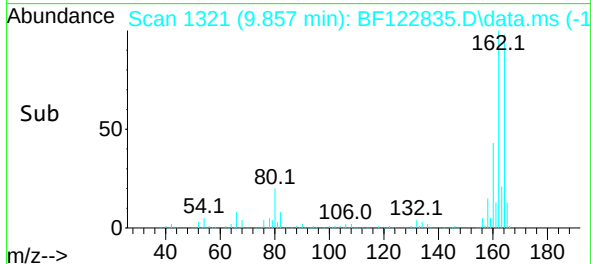
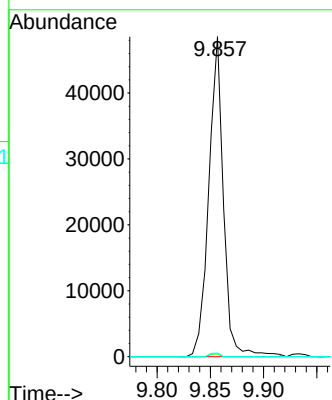
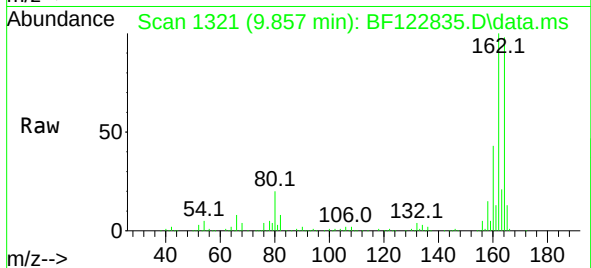




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

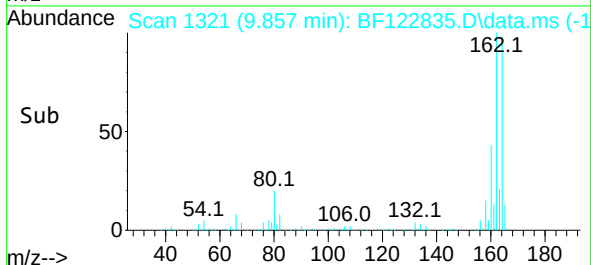
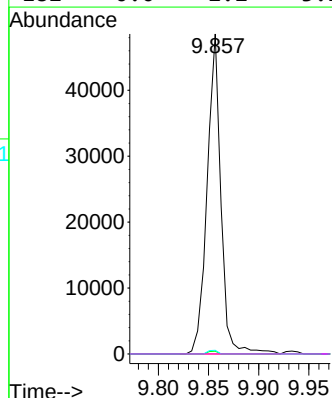
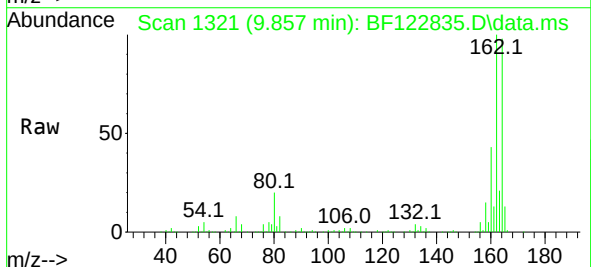
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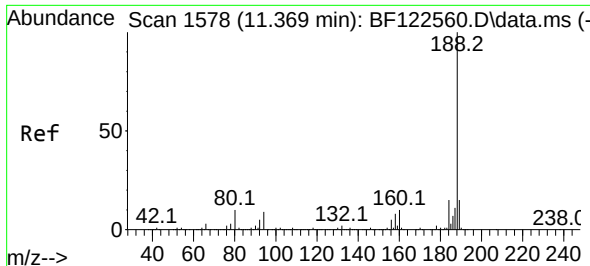
Tgt Ion:165 Resp: 46648
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Tgt Ion:165 Resp: 46648
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

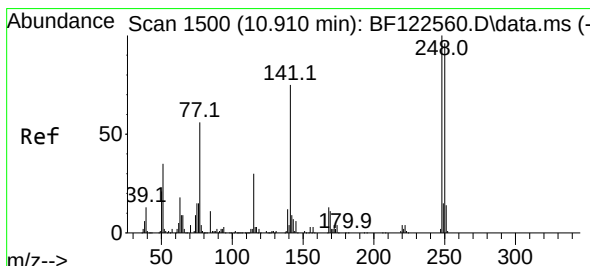
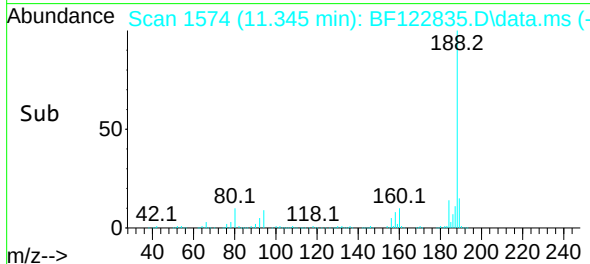
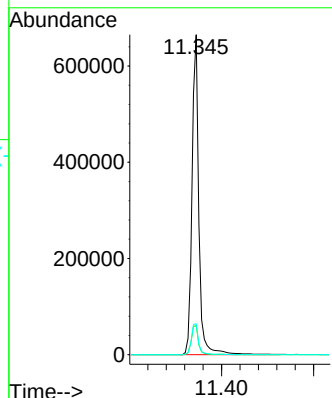
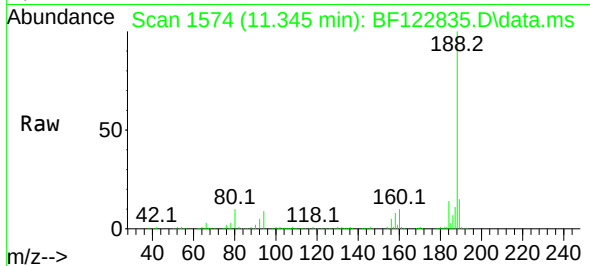




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

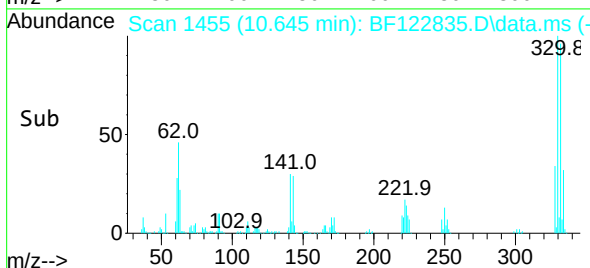
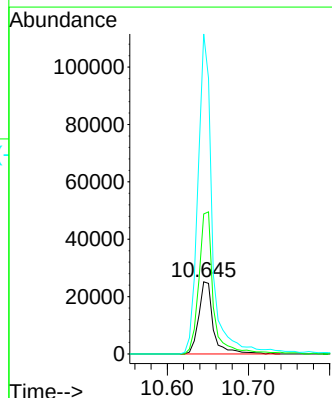
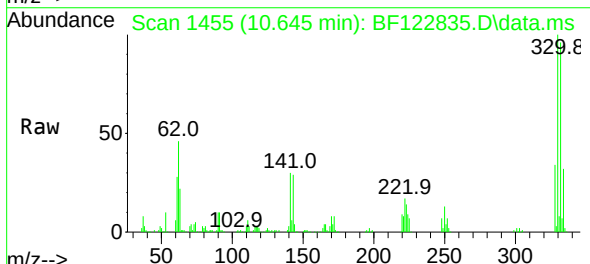
Instrument :
BNA_F
ClientSampleId :
PB133783BL

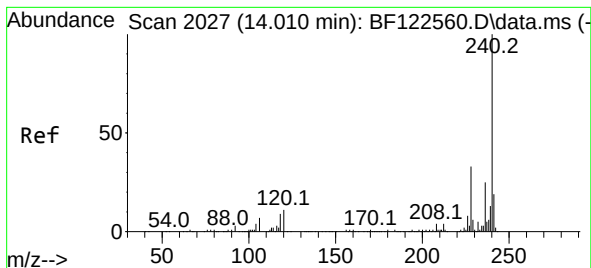
Tgt Ion:188 Resp: 677826
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Tgt Ion:248 Resp: 31431
Ion Ratio Lower Upper
248 100
250 194.0 76.8 115.2#
141 443.3 59.8 89.8#

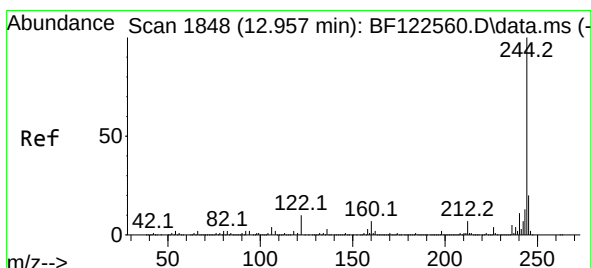
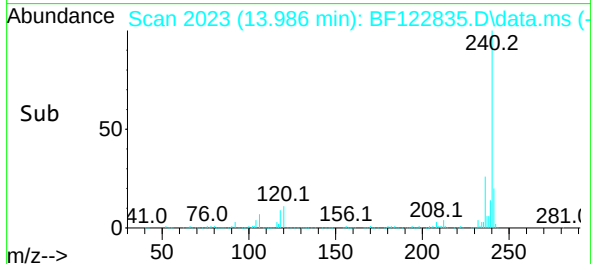
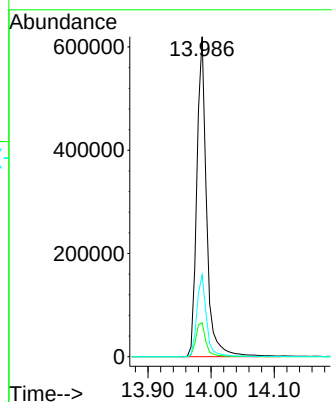
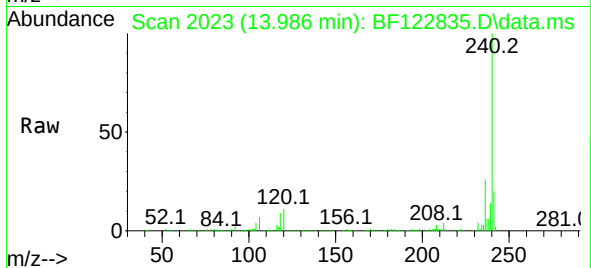




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

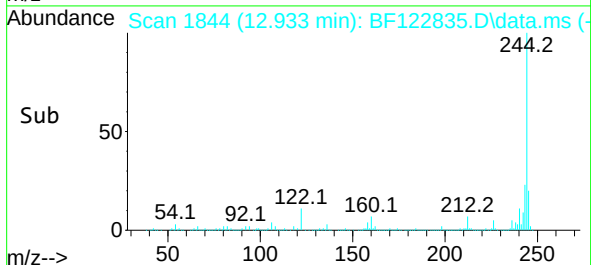
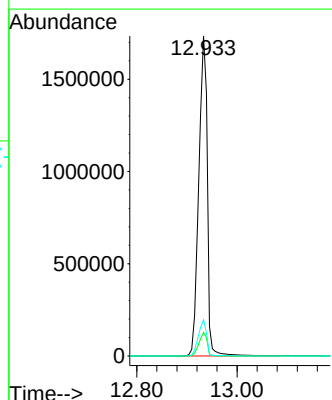
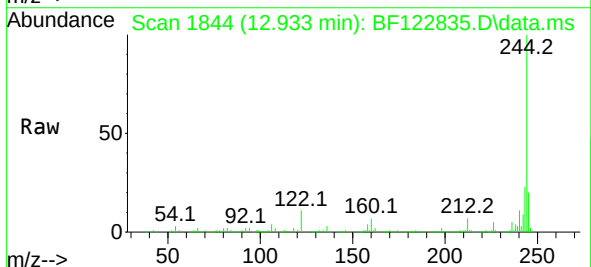
Instrument :
BNA_F
ClientSampleId :
PB133783BL

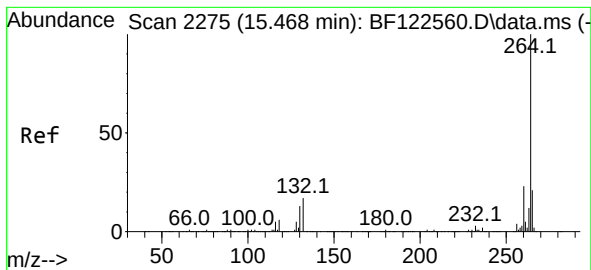
Tgt Ion:240 Resp: 665104
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 53.83 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122835.D
Acq: 23 Dec 2020 16:41

Tgt Ion:244 Resp: 2045234
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.3 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: BF122835.D
Acq: 23 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
PB133783BL

Tgt Ion:264 Resp: 687469

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.0	25.6

