

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122638.D
 Acq On : 10 Dec 2020 9:44
 Operator : JU/CG
 Sample : PB133474BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133474BL

Quant Time: Dec 10 11:57:21 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)

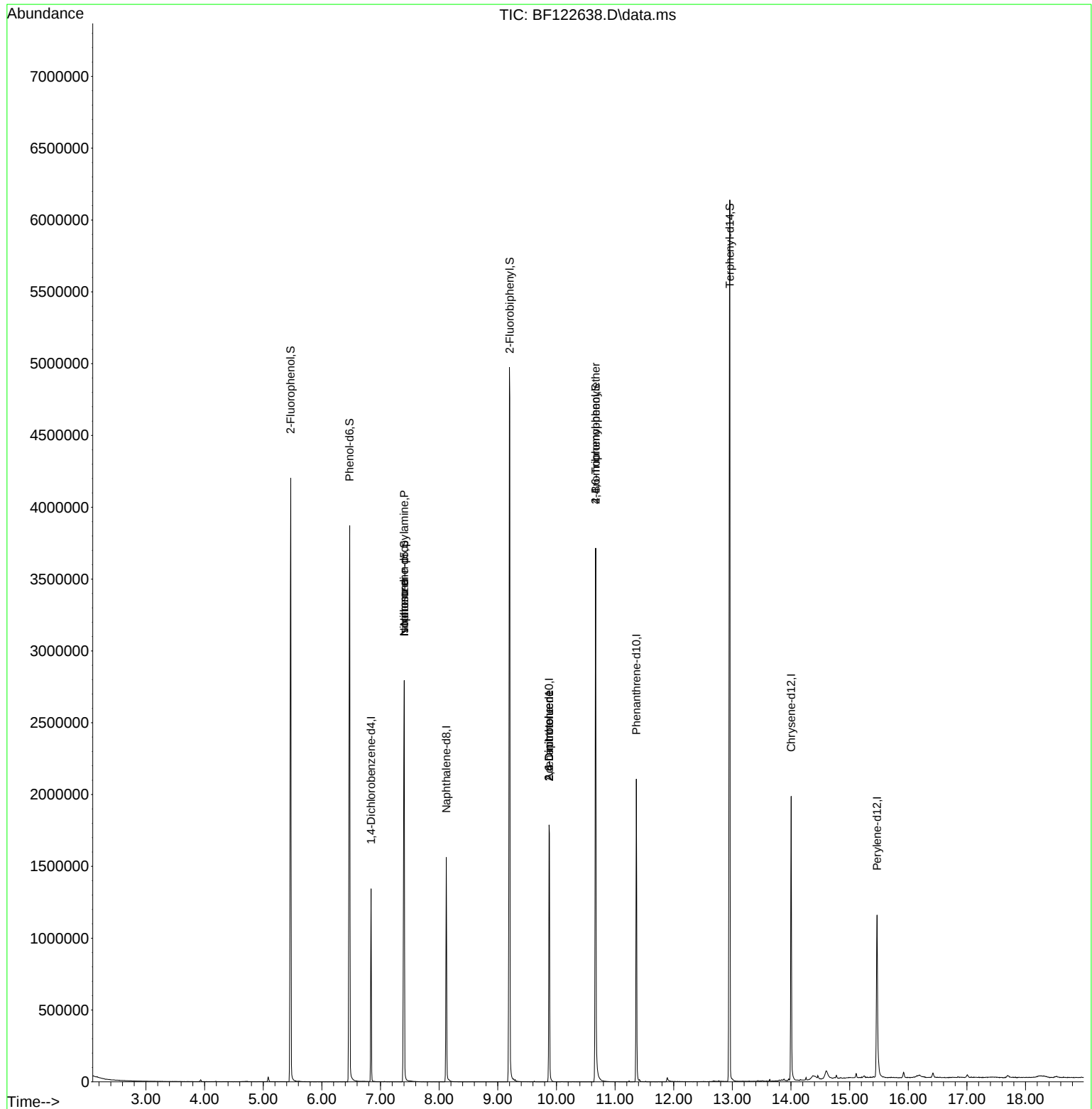
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	188330	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	750911	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	419826	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	799774	20.00	ng	0.00
76) Chrysene-d12	14.004	240	700730	20.00	ng	0.00
86) Perylene-d12	15.468	264	616958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1306038	109.79	ng	0.01
7) Phenol-d6	6.475	99	1625819	103.05	ng	0.00
23) Nitrobenzene-d5	7.404	82	1027024	68.52	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	580395	105.62	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1965104	63.31	ng	0.00
79) Terphenyl-d14	12.957	244	2300985	57.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	137691	15.24	ng	Qvalue
25) Isophorone	7.404	82	1010620	39.15	ng	# 78
51) 2,6-Dinitrotoluene	9.875	165	53515	7.56	ng	# 65
57) 2,4-Dinitrotoluene	9.875	165	53515	5.67	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	35552	3.28	ng	# 25
						# 1

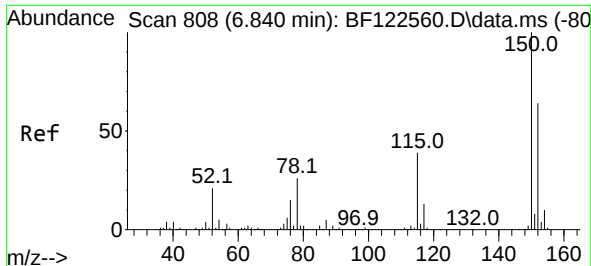
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

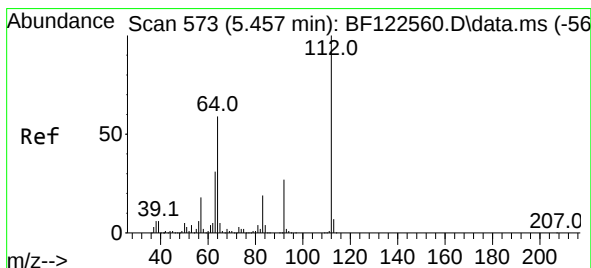
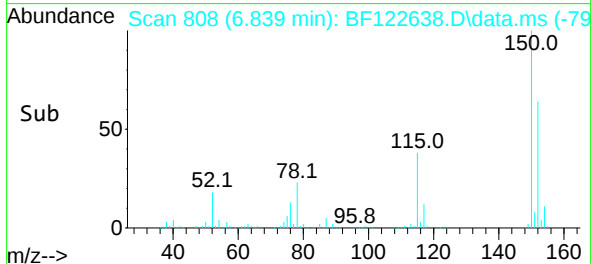
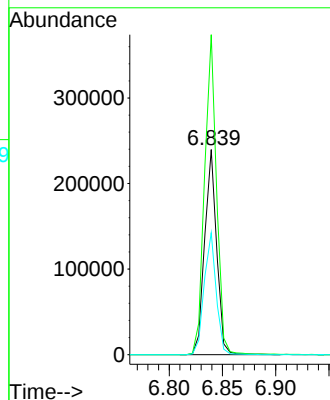
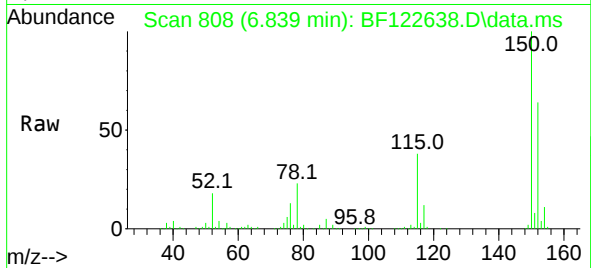




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

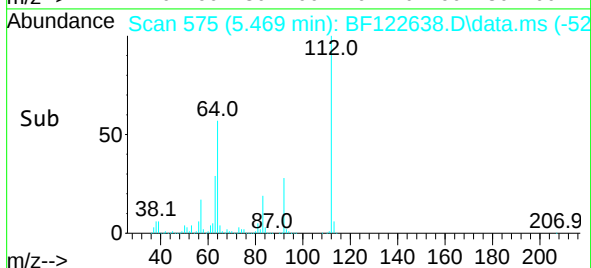
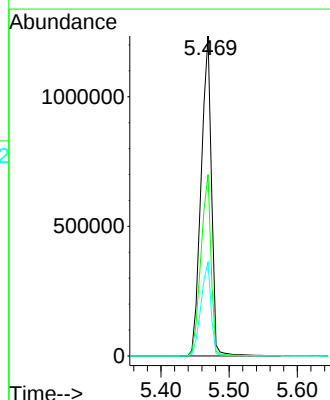
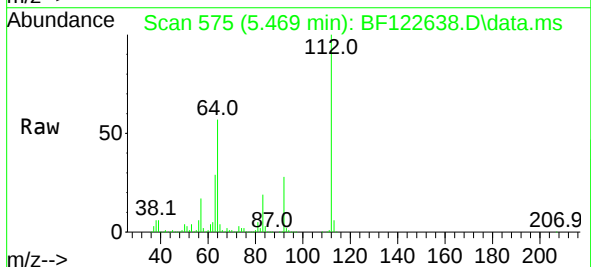
Instrument :
BNA_F
ClientSampleId :
PB133474BL

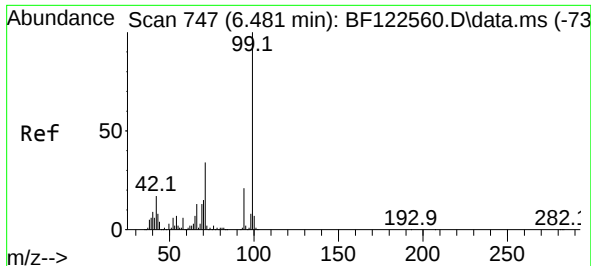
Tgt Ion:152 Resp: 188330
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 59.4 49.3 73.9



#5
2-Fluorophenol
Concen: 109.79 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

Tgt Ion:112 Resp: 1306038
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 29.2 24.5 36.7

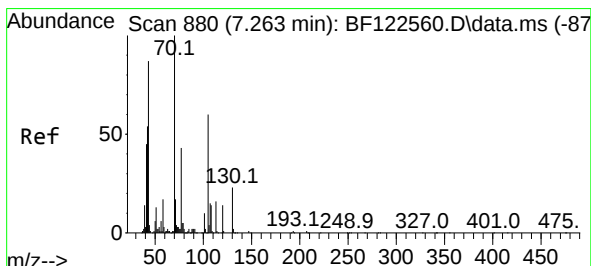
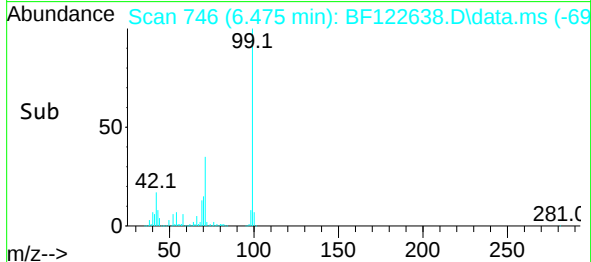
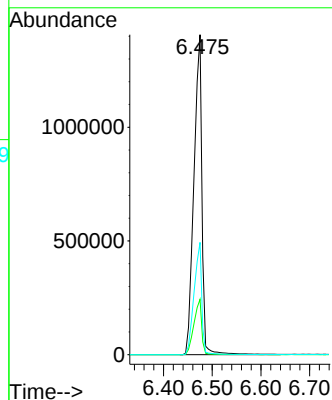
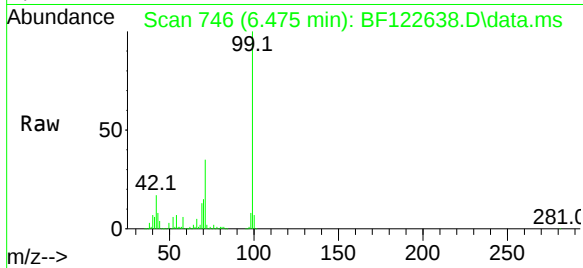




#7
Phenol-d6
Concen: 103.05 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

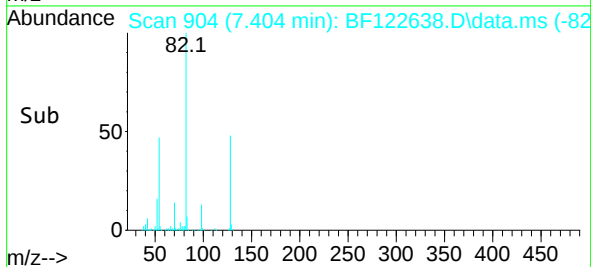
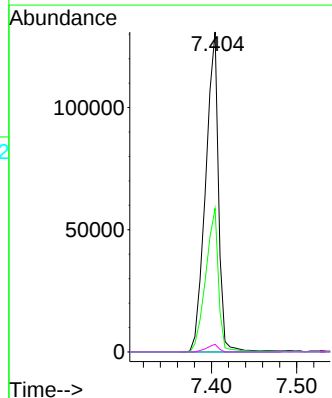
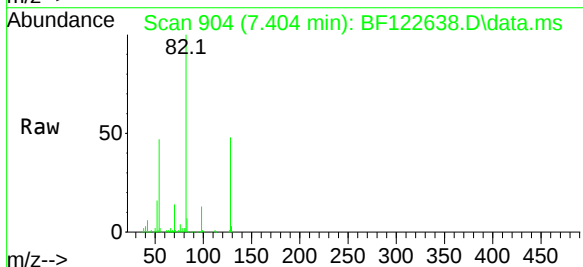
Instrument :
BNA_F
ClientSampleId :
PB133474BL

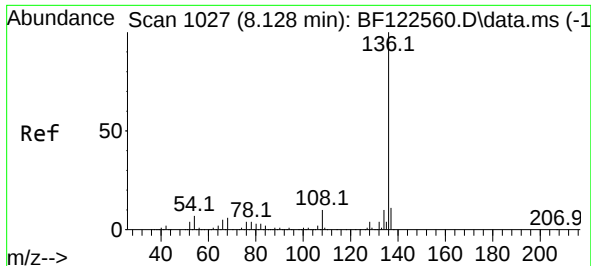
Tgt Ion: 99 Resp: 1625819
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 35.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.24 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

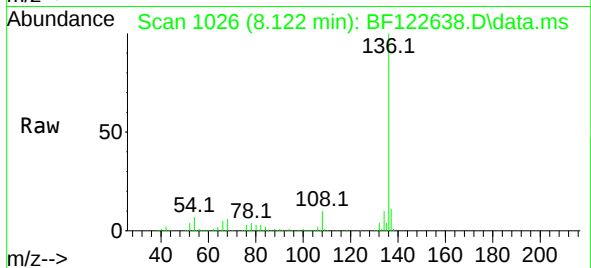
Tgt Ion: 70 Resp: 137691
Ion Ratio Lower Upper
70 100
42 44.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



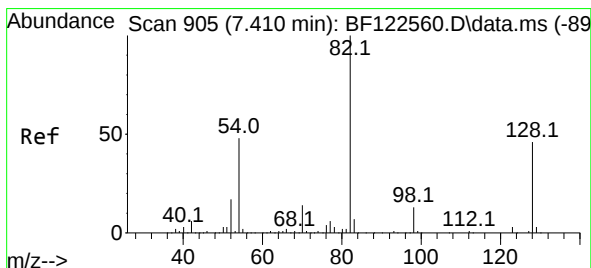
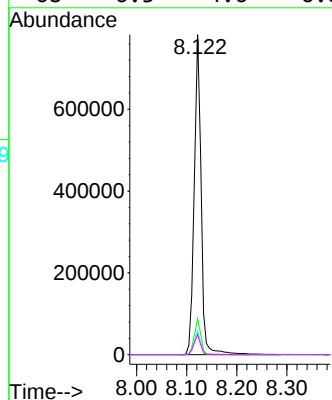


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

Instrument :
BNA_F
ClientSampleId :
PB133474BL

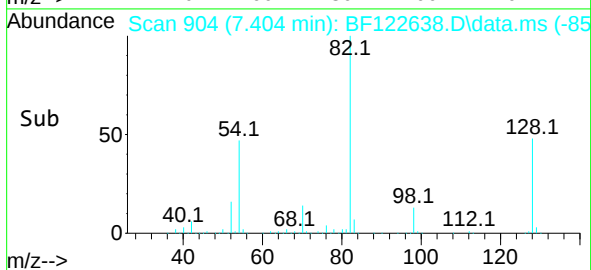
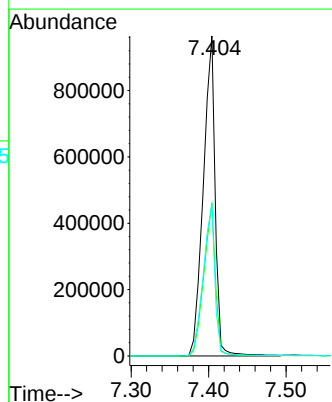
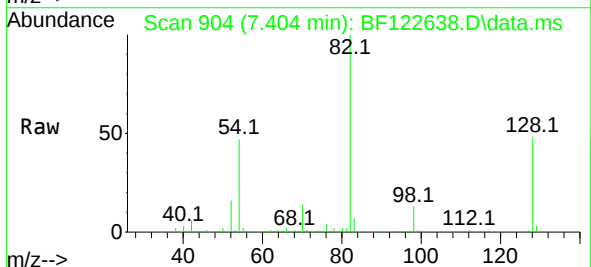


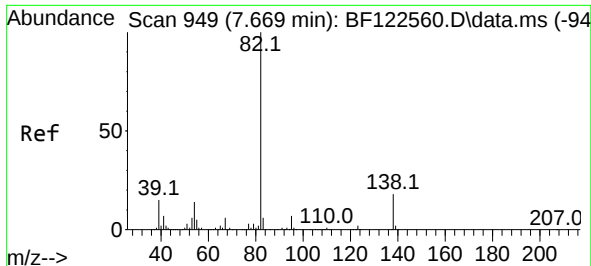
Tgt	Ion:136	Resp:	750911
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.4	5.5	8.3
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 68.52 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

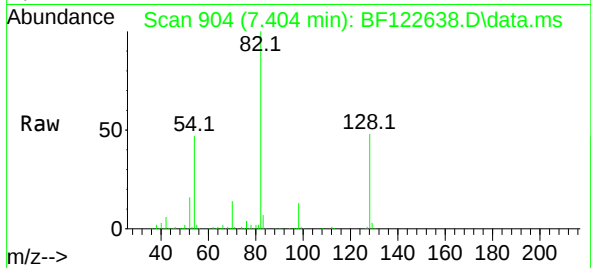
Tgt Ion: 82		Resp: 1027024	
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	47.5	38.4	57.6



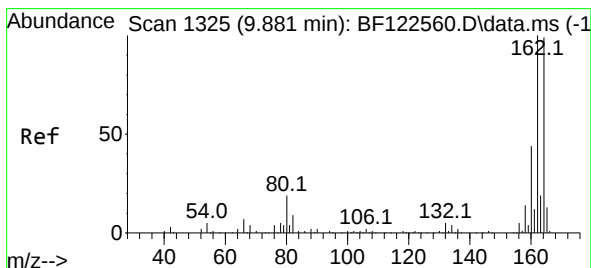
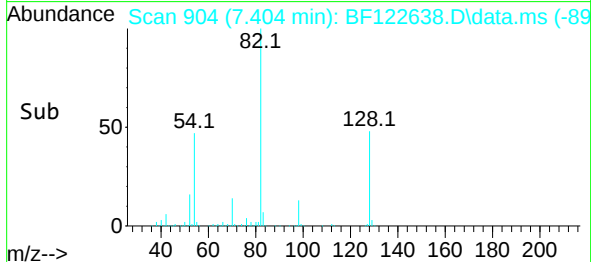
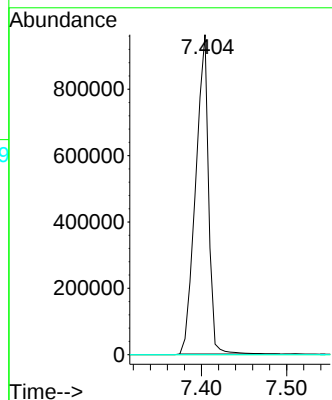


#25
Isophorone
Concen: 39.15 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

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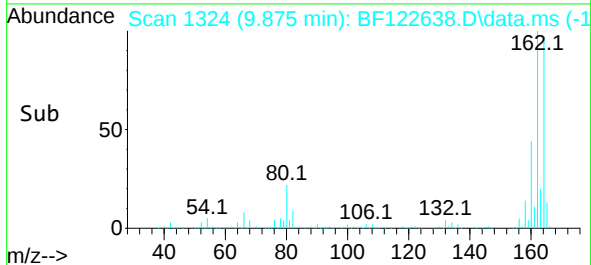
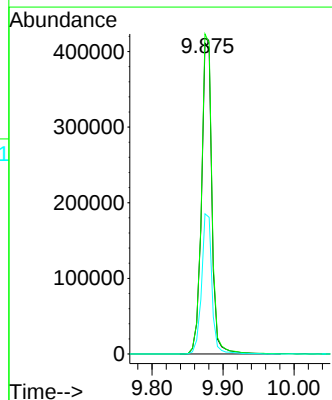
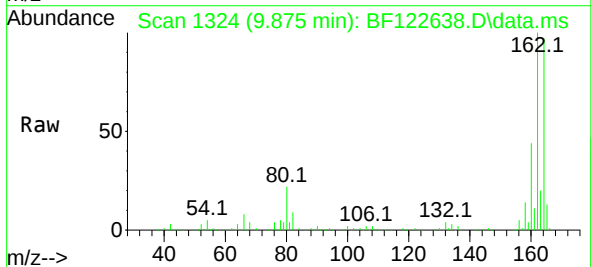


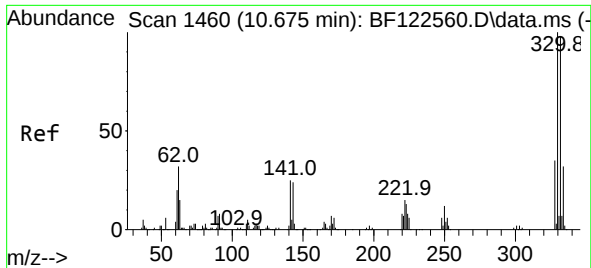
Tgt Ion: 82 Resp: 1010620
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

Tgt Ion: 164 Resp: 419826
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.1 35.4 53.0

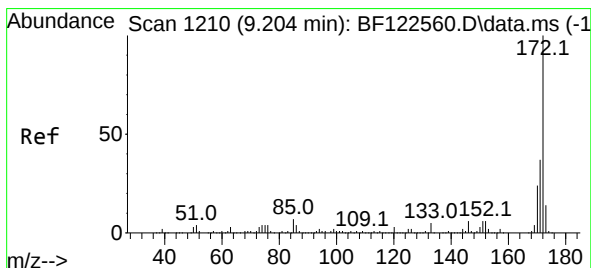
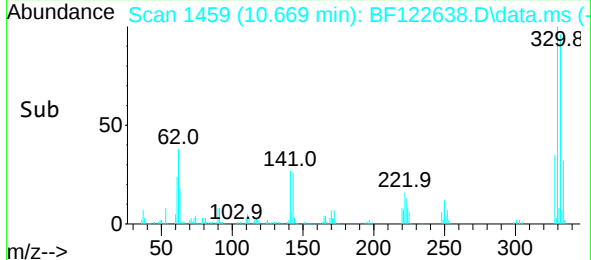
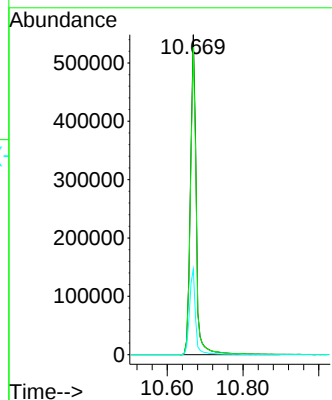
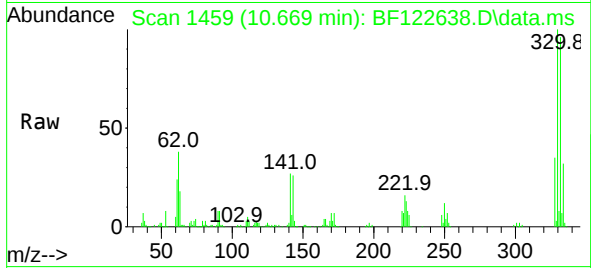




#42
2,4,6-Tribromophenol
Concen: 105.62 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

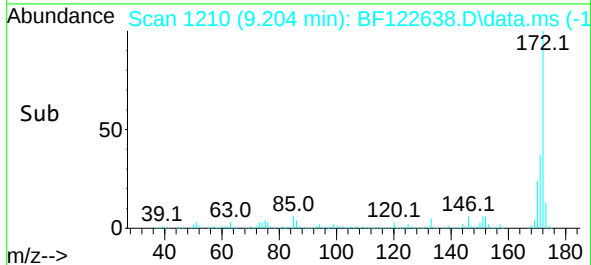
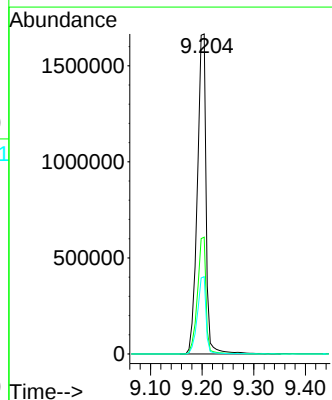
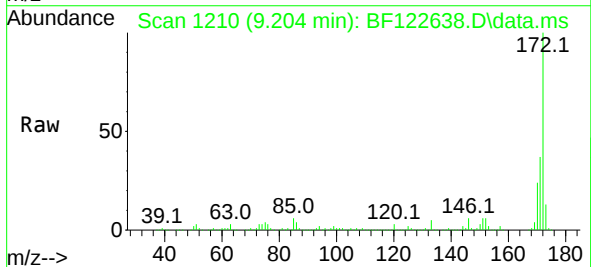
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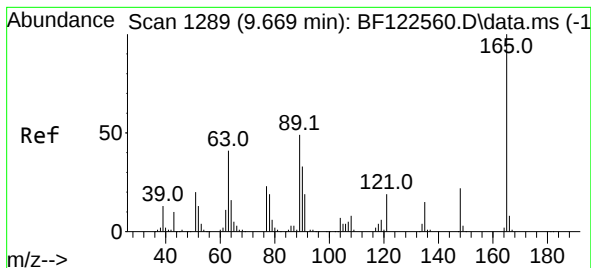
Tgt Ion: 330 Resp: 580395
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 27.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 63.31 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

Tgt Ion: 172 Resp: 1965104
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.5 29.3

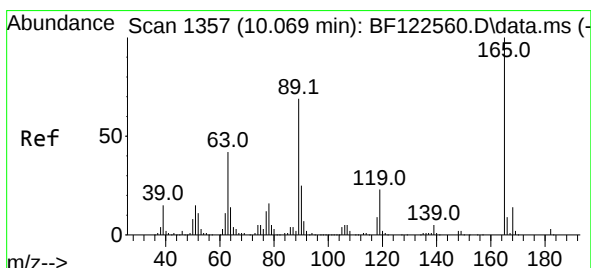
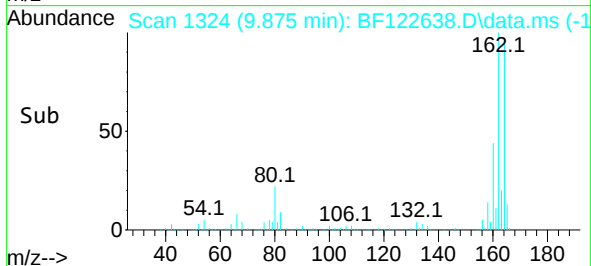
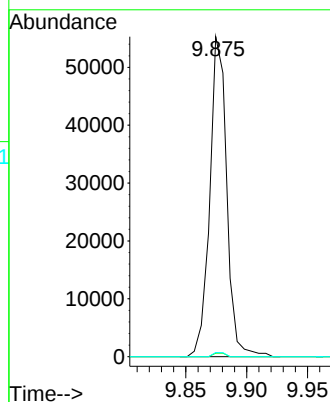
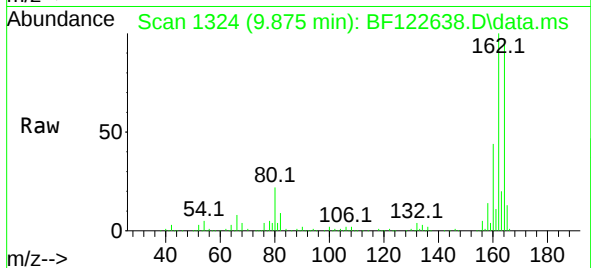




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

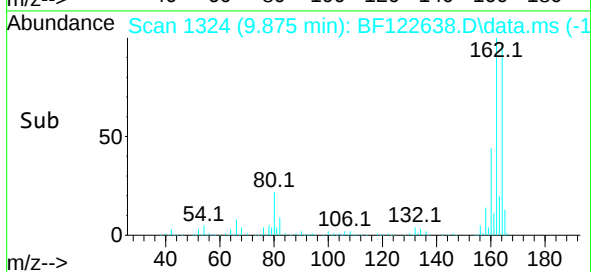
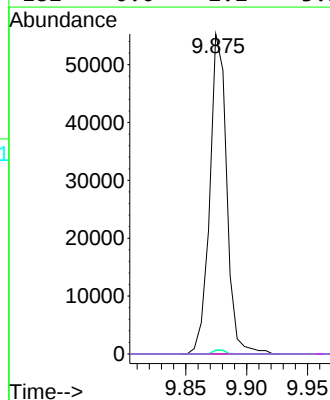
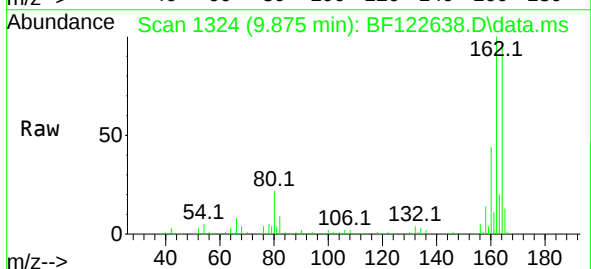
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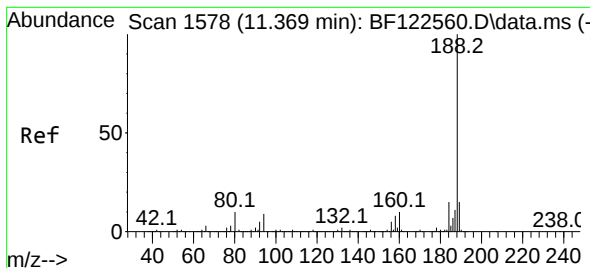
Tgt Ion:165 Resp: 53515
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

Tgt Ion:165 Resp: 53515
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

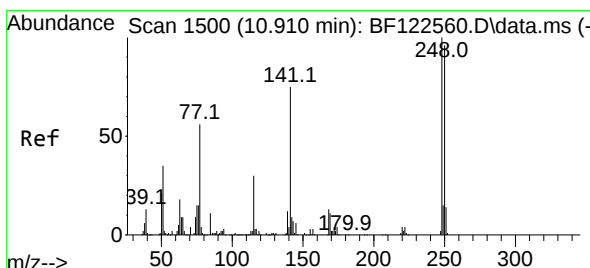
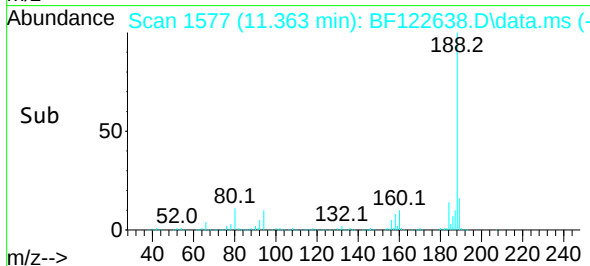
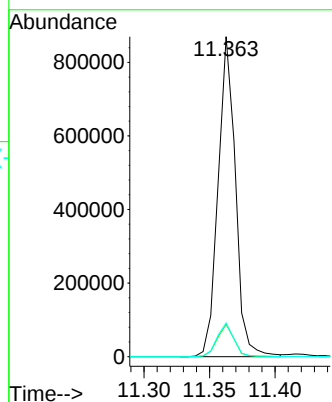
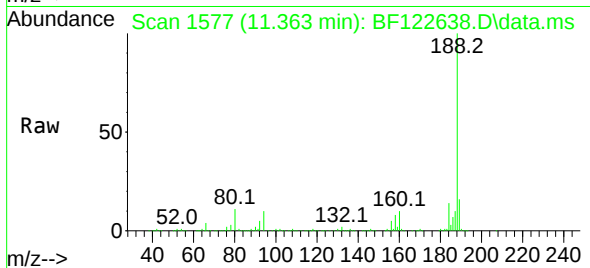




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

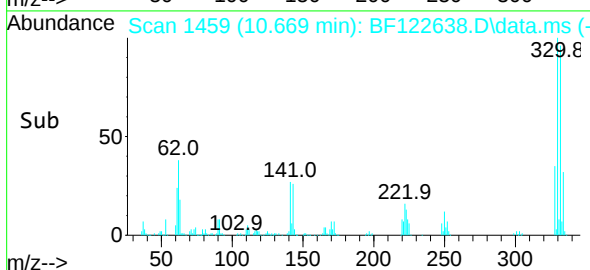
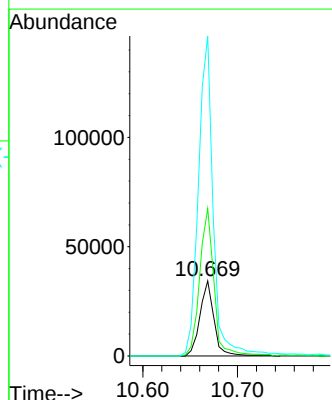
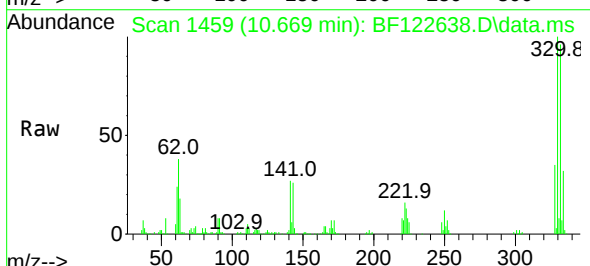
Instrument :
BNA_F
ClientSampleId :
PB133474BL

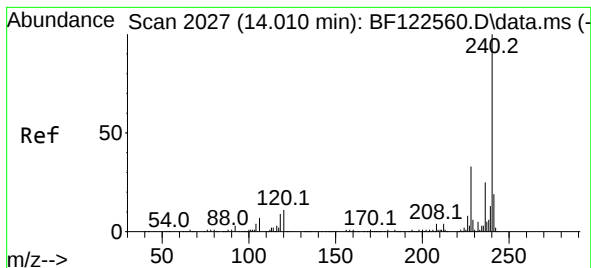
Tgt Ion:188 Resp: 799774
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122638.D
Acq: 10 Dec 2020 9:44

Tgt Ion:248 Resp: 35552
Ion Ratio Lower Upper
248 100
250 196.3 76.8 115.2#
141 426.2 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: BF122638.D

Acq: 10 Dec 2020 9:44

Tgt Ion:240 Resp: 700730

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

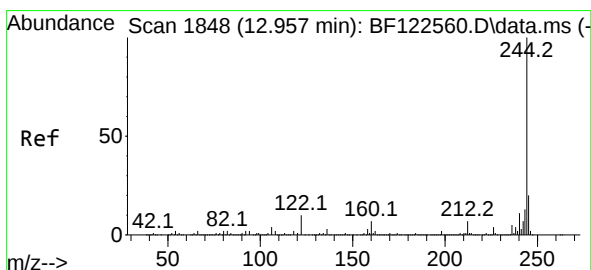
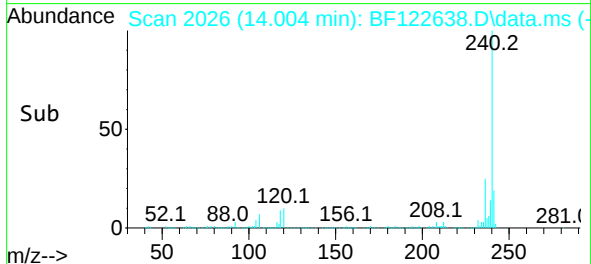
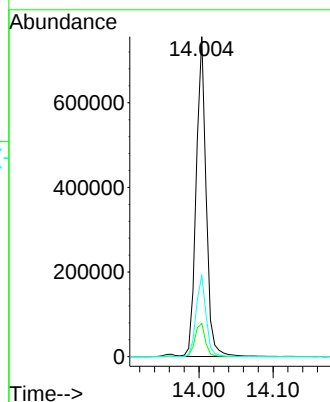
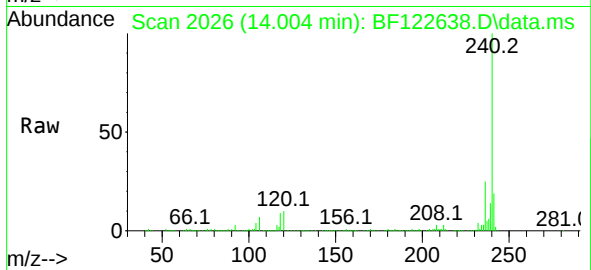
236 25.3 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

PB133474BL



#79

Terphenyl-d14

Concen: 57.48 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF122638.D

Acq: 10 Dec 2020 9:44

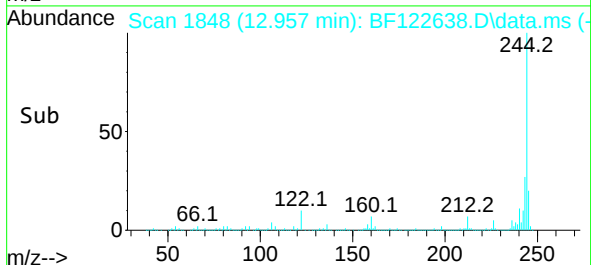
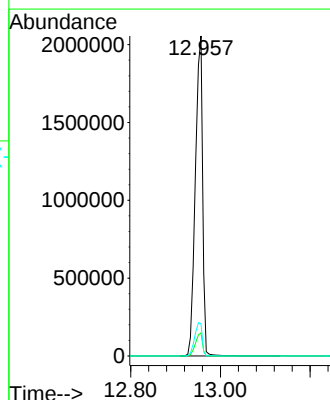
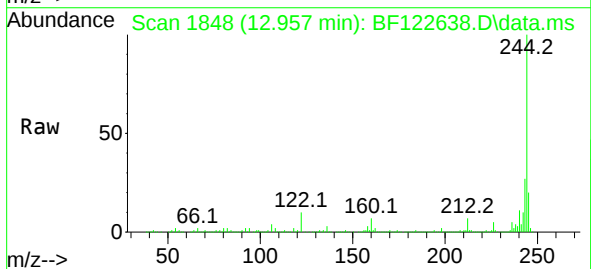
Tgt Ion:244 Resp: 2300985

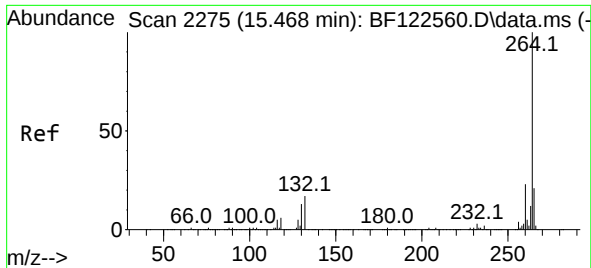
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.1 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: BF122638.D
 Acq: 10 Dec 2020 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB133474BL

Tgt Ion:264 Resp: 616958
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.8 17.0 25.6

