

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122568.D
 Acq On : 7 Dec 2020 12:08
 Operator : JU/CG
 Sample : PB133408BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133408BL

Quant Time: Dec 07 12:49:42 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)

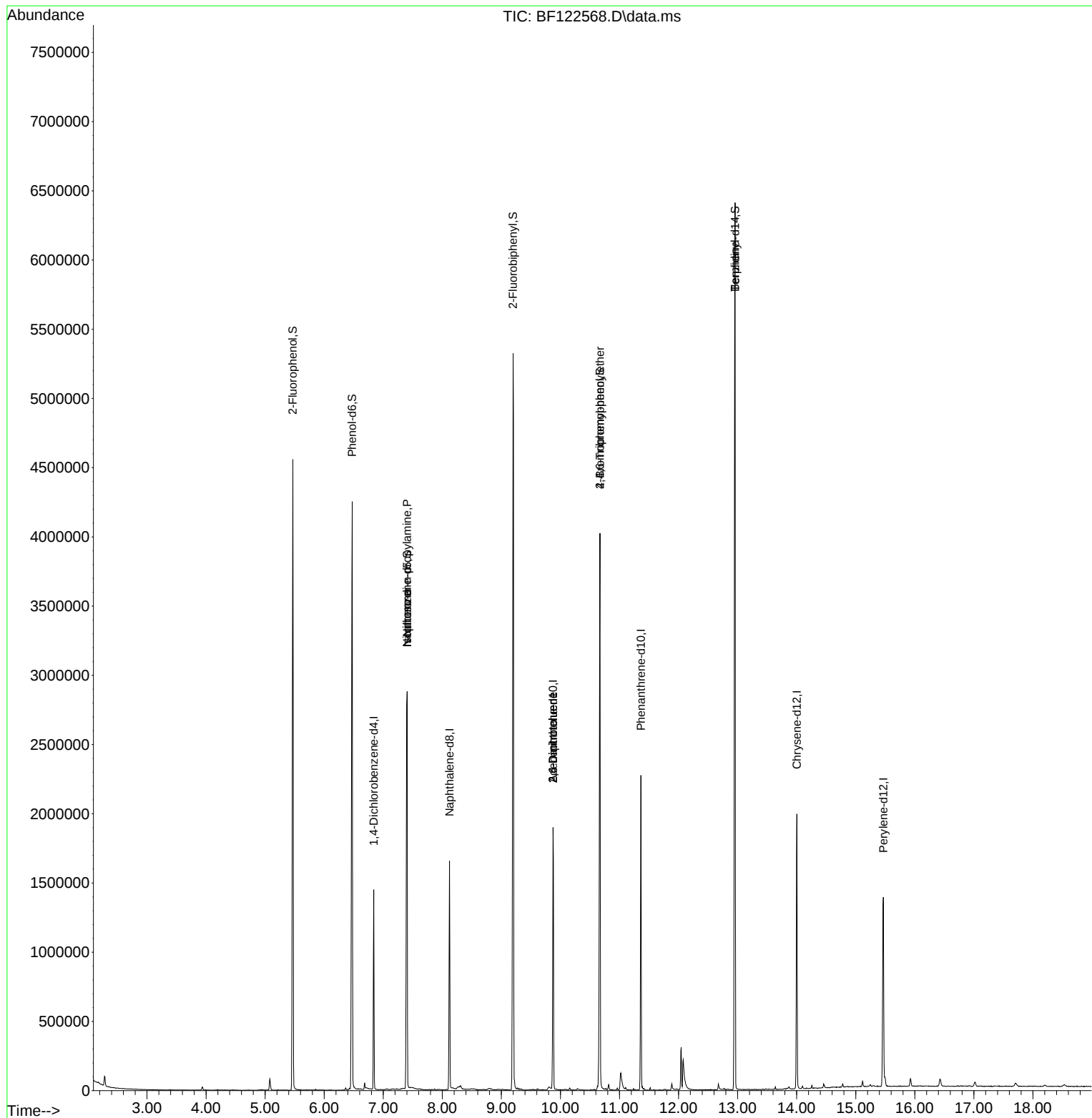
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	192505	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	761941	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	411323	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	771556	20.00	ng	0.00
76) Chrysene-d12	14.004	240	709468	20.00	ng	0.00
86) Perylene-d12	15.468	264	662152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1382118	113.66	ng	0.01
7) Phenol-d6	6.475	99	1719810	106.64	ng	0.00
23) Nitrobenzene-d5	7.404	82	1111030	73.06	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	585495	108.75	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2042914	67.18	ng	0.00
79) Terphenyl-d14	12.957	244	2364363	58.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	151292	16.38	ng	# 78
25) Isophorone	7.404	82	1104382	42.16	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	53565	7.72	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	53565	5.80	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	36127	3.46	ng	# 1
77) Benzydine	12.957	184	31025	2.02	ng	# 88

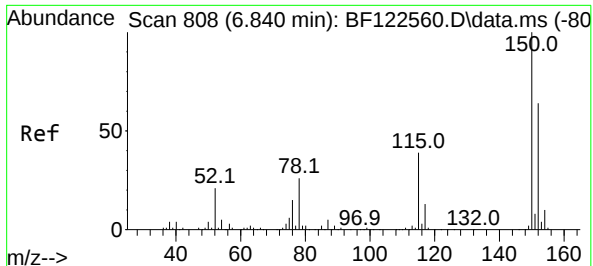
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

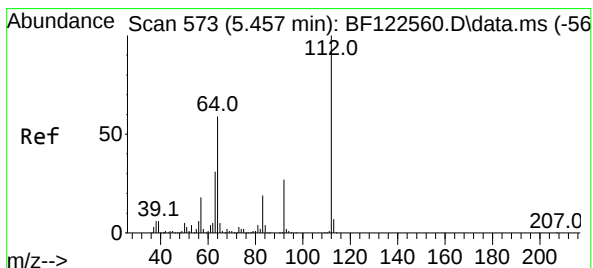
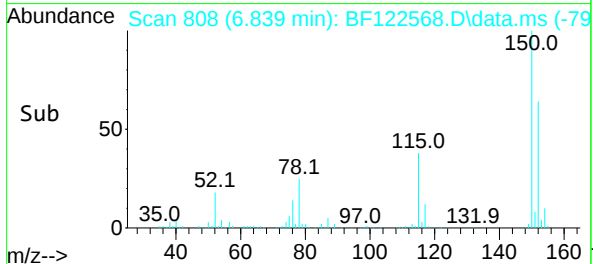
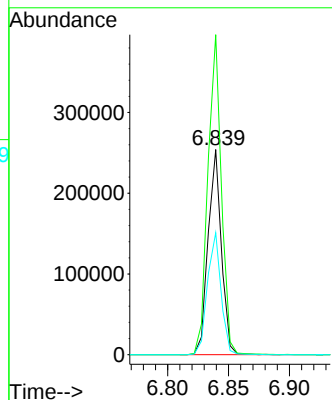
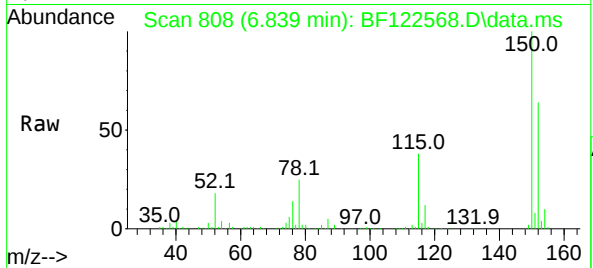




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.839 min Scan# 808
 Delta R.T. -0.001 min
 Lab File: BF122568.D
 Acq: 7 Dec 2020 12:08

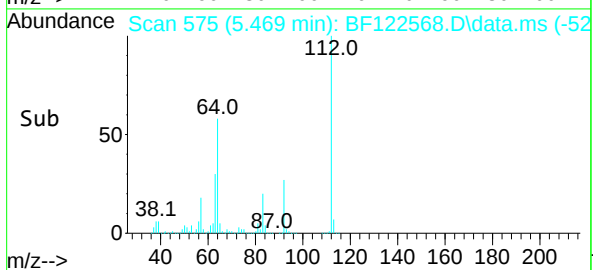
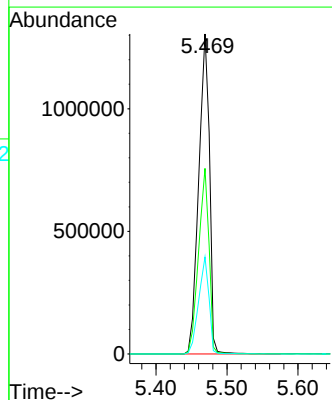
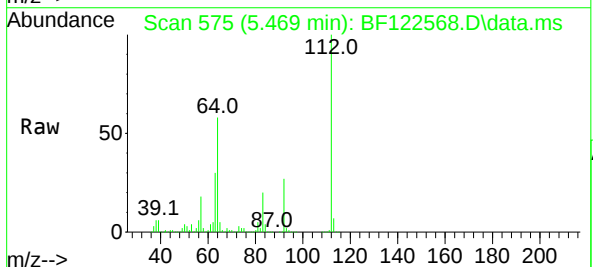
Instrument :
 BNA_F
 ClientSampleId :
 PB133408BL

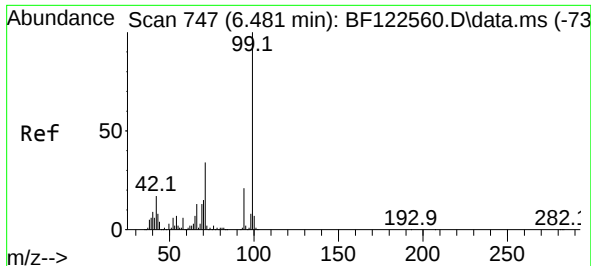
Tgt Ion:152 Resp: 192505
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.8 188.6
 115 59.4 49.3 73.9



#5
 2-Fluorophenol
 Concen: 113.66 ng
 RT: 5.469 min Scan# 575
 Delta R.T. 0.012 min
 Lab File: BF122568.D
 Acq: 7 Dec 2020 12:08

Tgt Ion:112 Resp: 1382118
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.9 70.3
 63 30.3 24.5 36.7



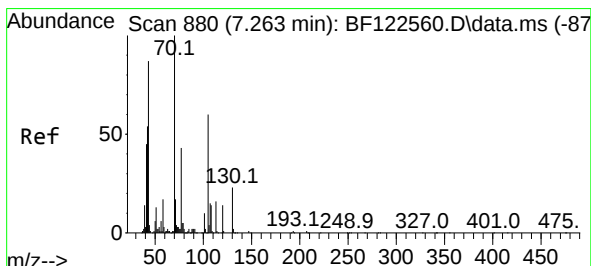
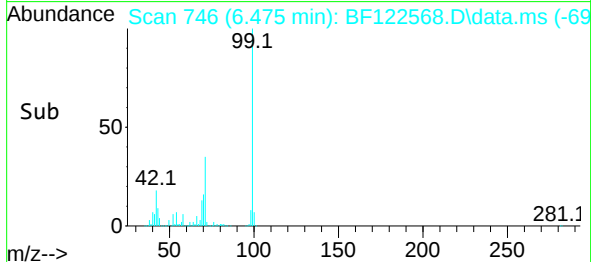
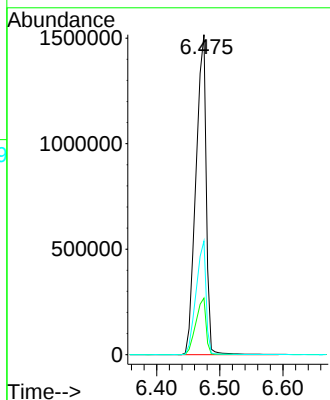
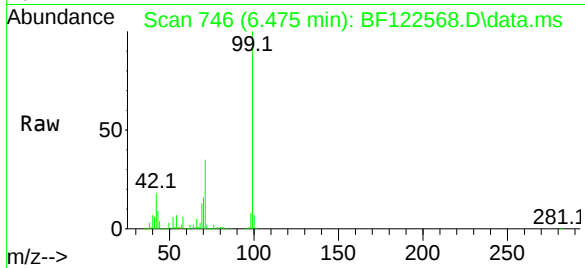


#7
Phenol-d6
Concen: 106.64 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Instrument :
BNA_F
ClientSampleId :
PB133408BL

Tgt Ion: 99 Resp: 1719810

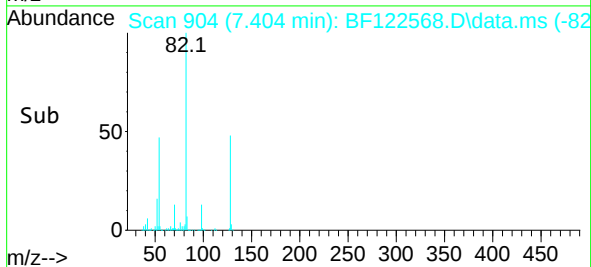
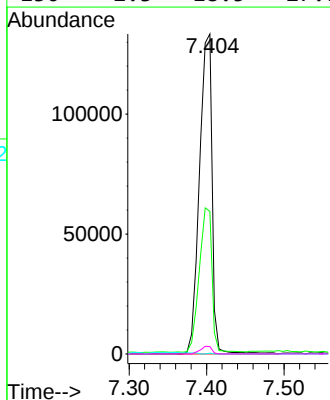
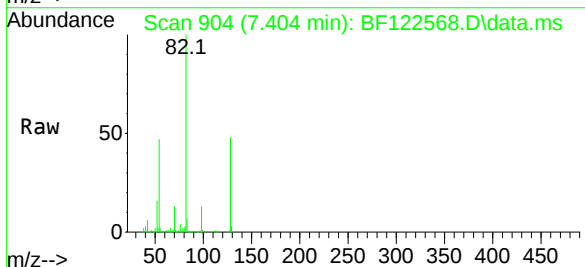
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	35.5	26.9	40.3

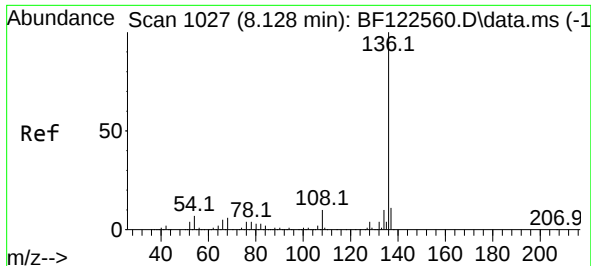


#19
n-Nitroso-di-n-propylamine
Concen: 16.38 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Tgt Ion: 70 Resp: 151292

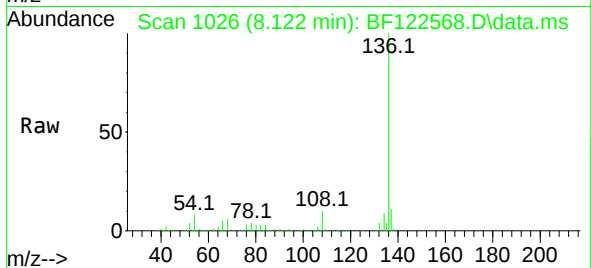
Ion	Ratio	Lower	Upper
70	100		
42	44.6	43.0	64.4
101	0.3	7.9	11.9#
130	2.3	18.5	27.7#



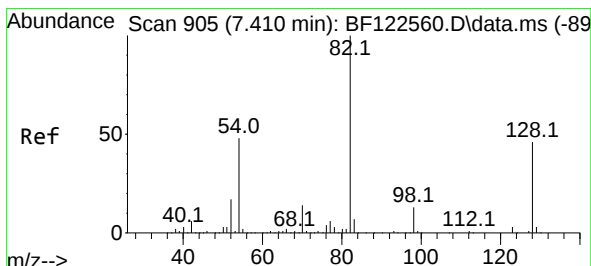
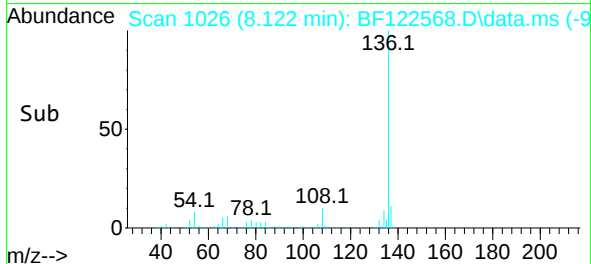
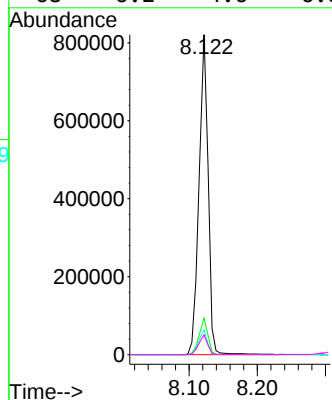


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Instrument :
BNA_F
ClientSampleId :
PB133408BL

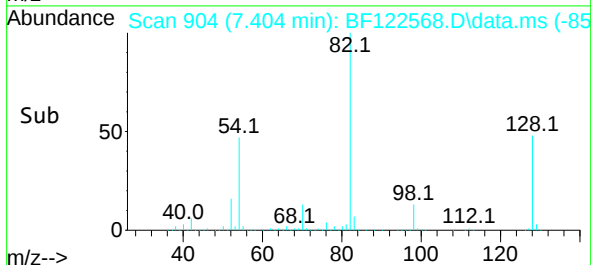
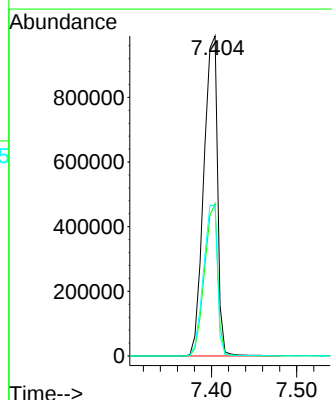
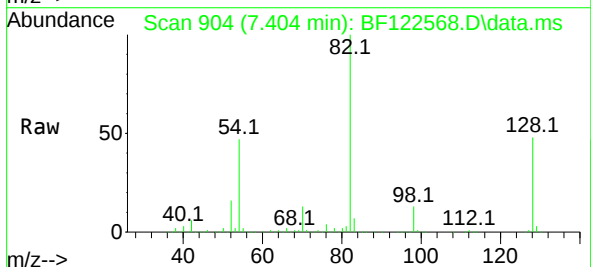


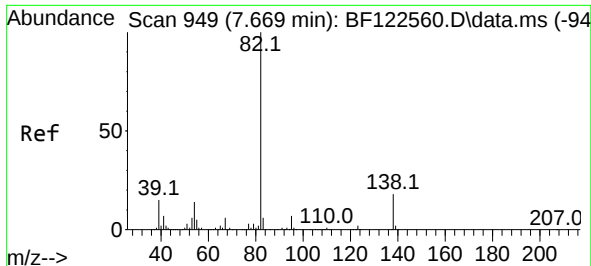
Tgt Ion:136 Resp: 761941
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.8 5.5 8.3
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 73.06 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

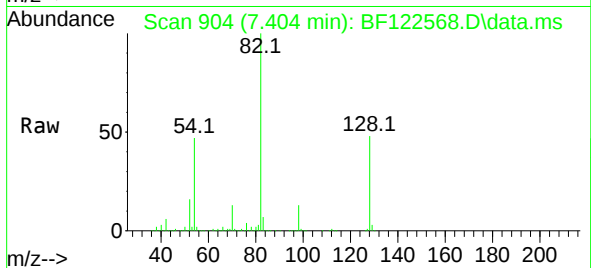
Tgt Ion: 82 Resp: 1111030
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 46.9 38.4 57.6



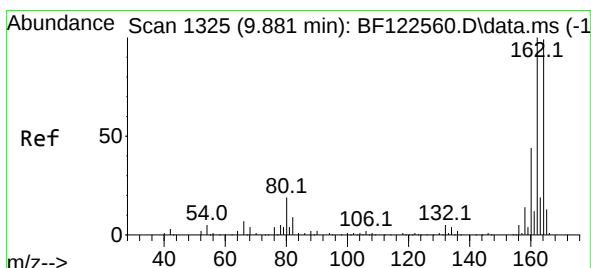
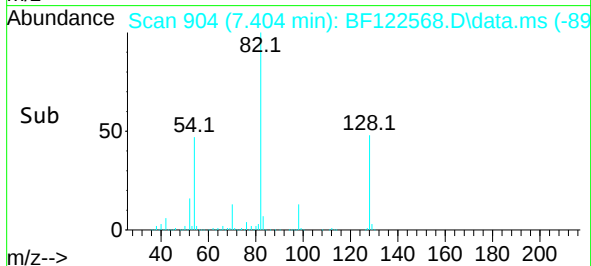
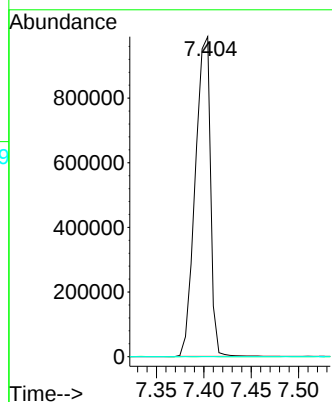


#25
Isophorone
Concen: 42.16 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Instrument :
BNA_F
ClientSampleId :
PB133408BL

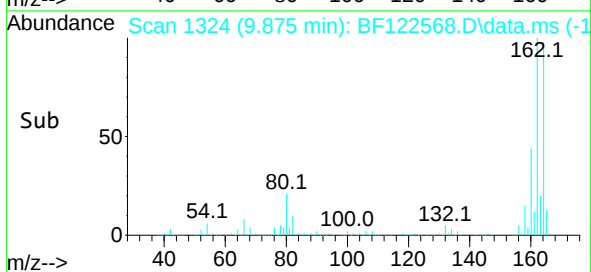
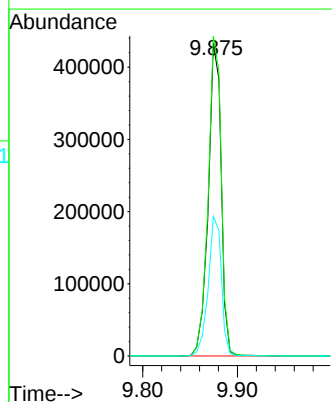
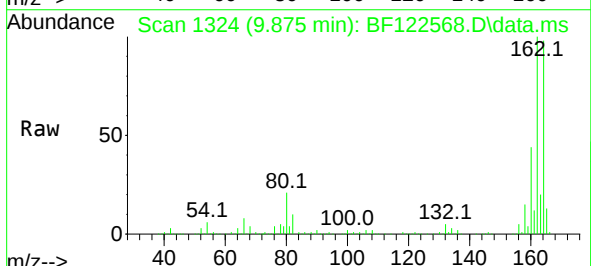


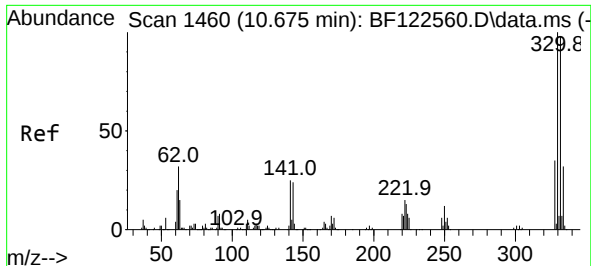
Tgt Ion: 82 Resp: 1104382
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

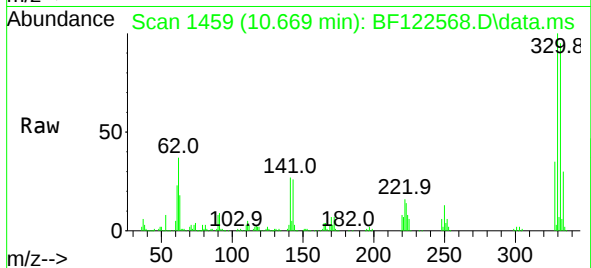
Tgt Ion: 164 Resp: 411323
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.7 35.4 53.0



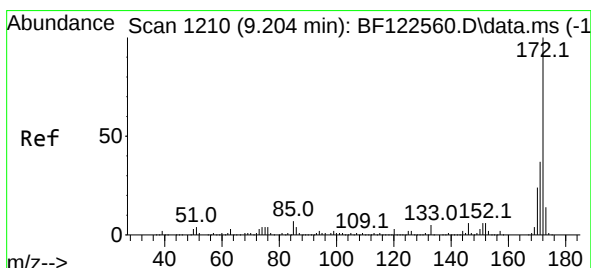
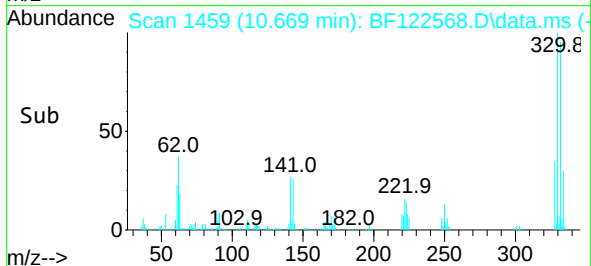
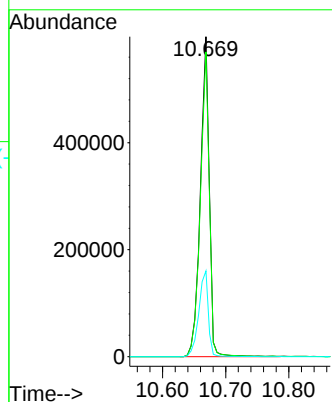


#42
2,4,6-Tribromophenol
Concen: 108.75 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Instrument :
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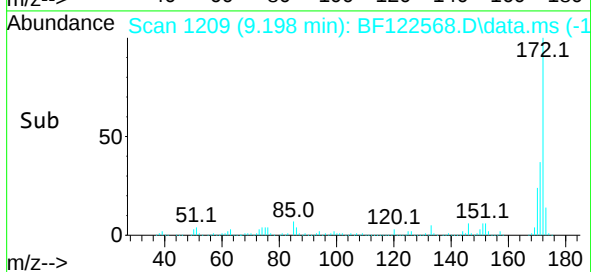
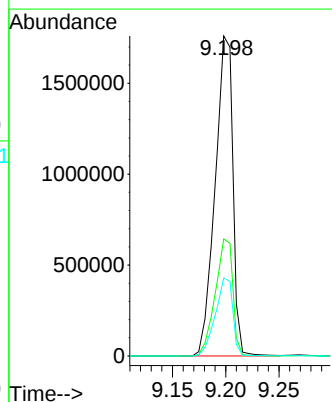
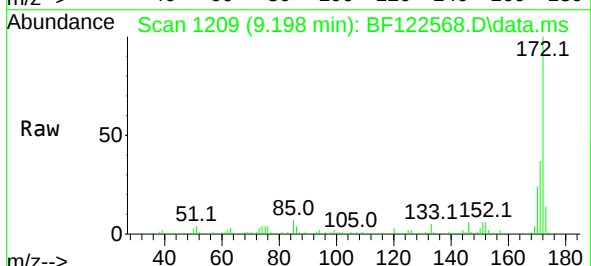


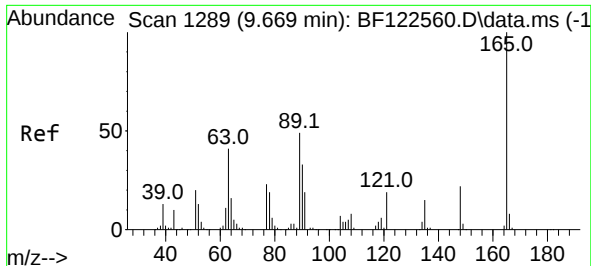
Tgt Ion:330 Resp: 585495
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 28.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 67.18 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Tgt Ion:172 Resp: 2042914
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.5 29.3

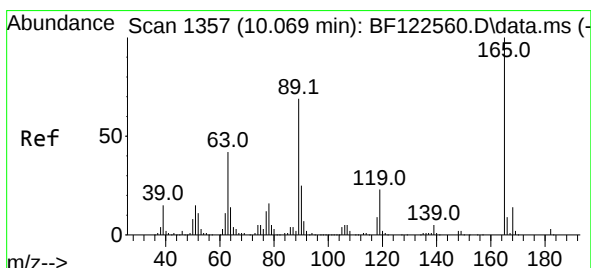
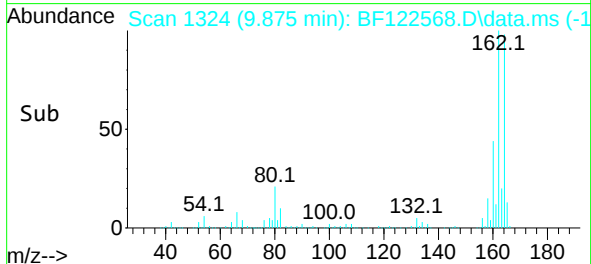
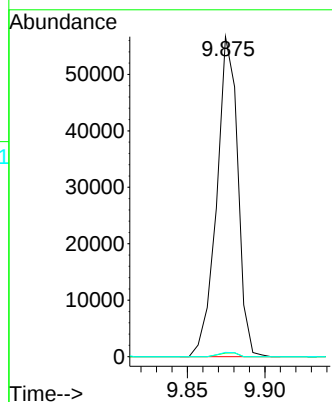
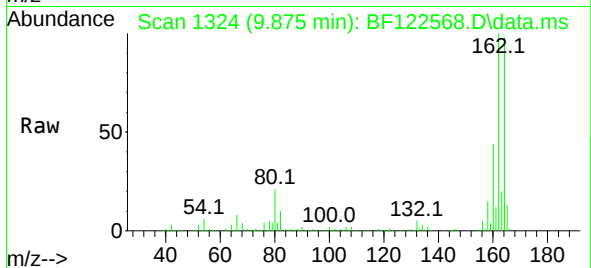




#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

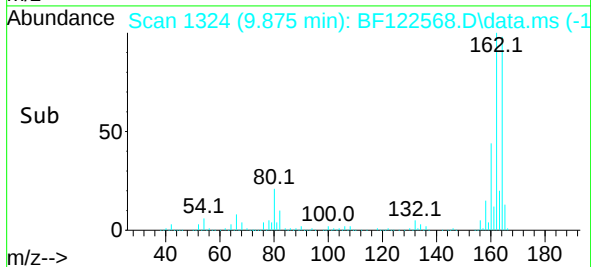
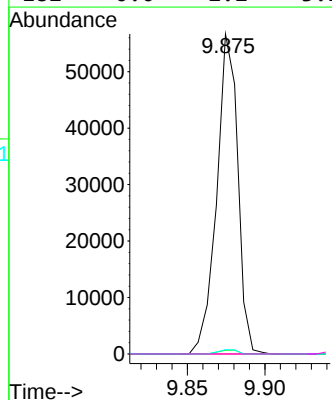
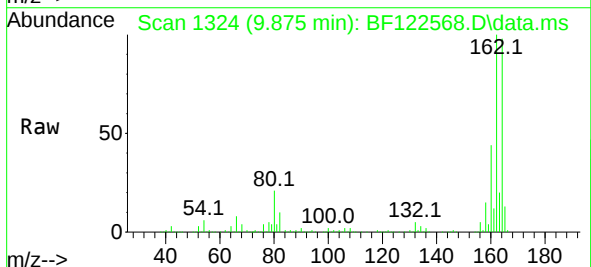
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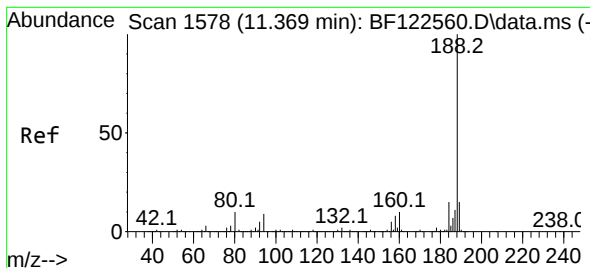
Tgt Ion:165 Resp: 53565
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Tgt Ion:165 Resp: 53565
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#

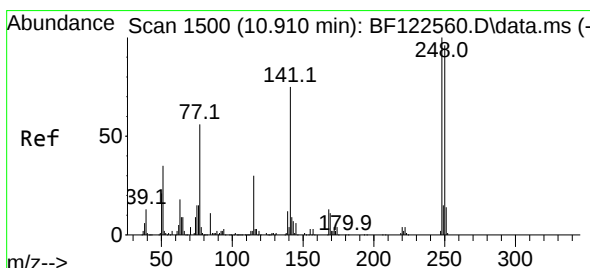
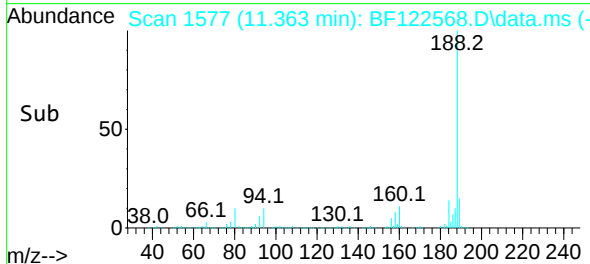
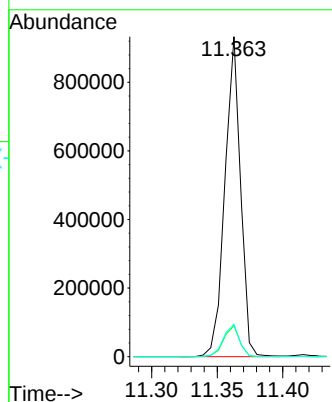
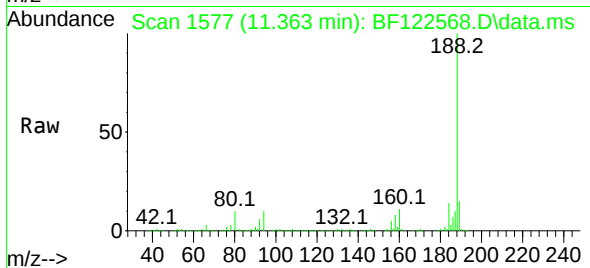




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

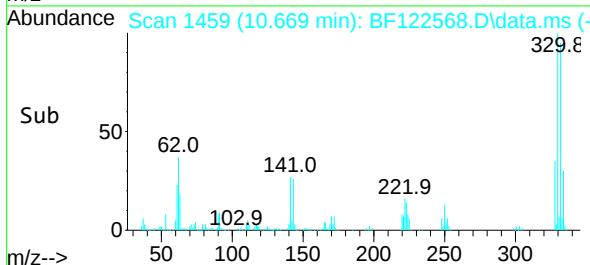
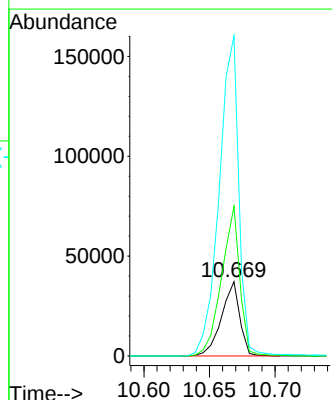
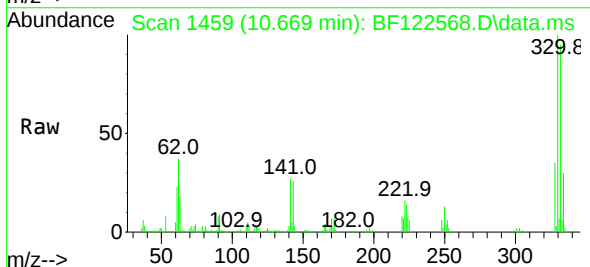
Instrument :
BNA_F
ClientSampleId :
PB133408BL

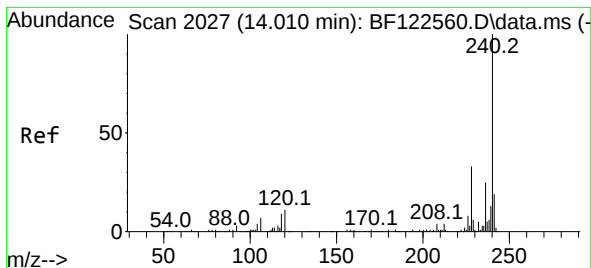
Tgt Ion:188 Resp: 771556
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Tgt Ion:248 Resp: 36127
Ion Ratio Lower Upper
248 100
250 201.4 76.8 115.2#
141 430.9 59.8 89.8#

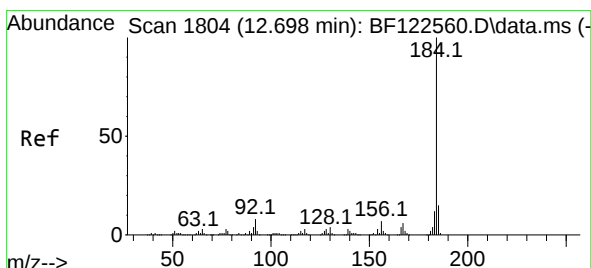
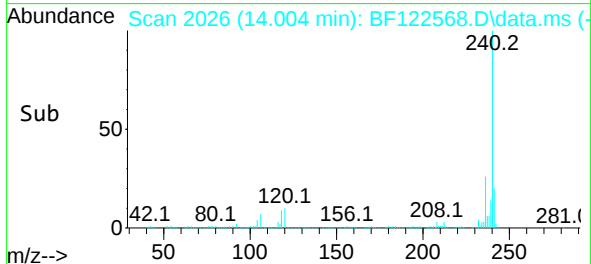
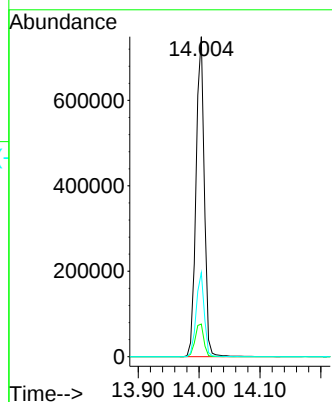
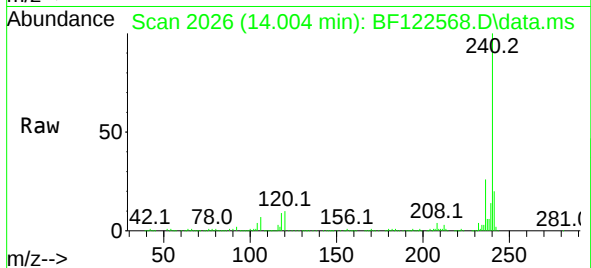




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

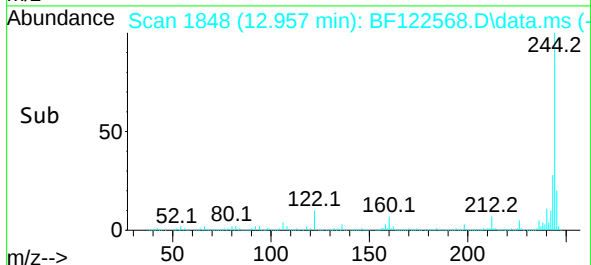
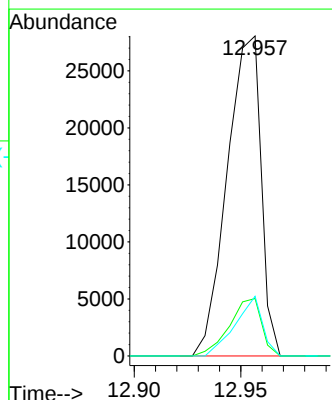
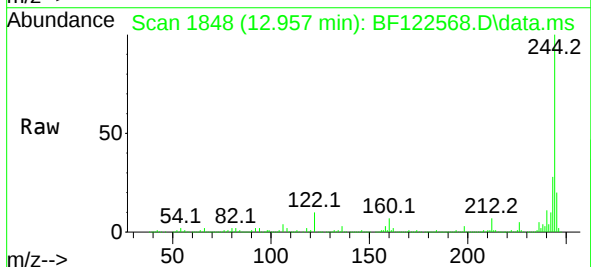
Instrument :
BNA_F
ClientSampleId :
PB133408BL

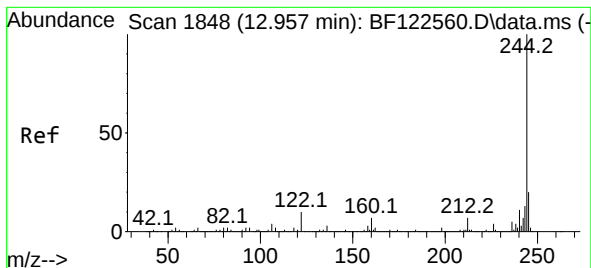
Tgt Ion:240 Resp: 709468
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.3 20.3 30.5



#77
Benzidine
Concen: 2.02 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF122568.D
Acq: 7 Dec 2020 12:08

Tgt Ion:184 Resp: 31025
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.6#
183 18.6 9.7 14.5#





#79

Terphenyl-d14

Concen: 58.33 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF122568.D

Acq: 7 Dec 2020 12:08

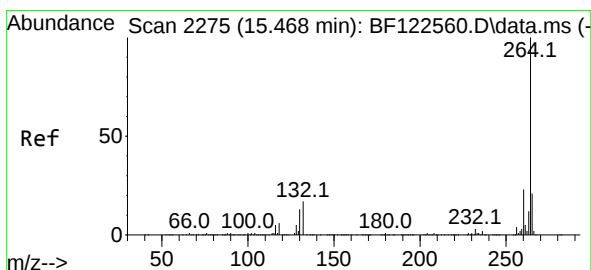
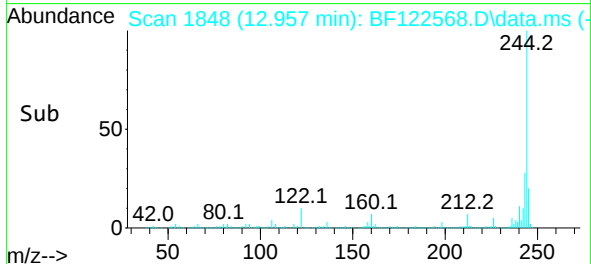
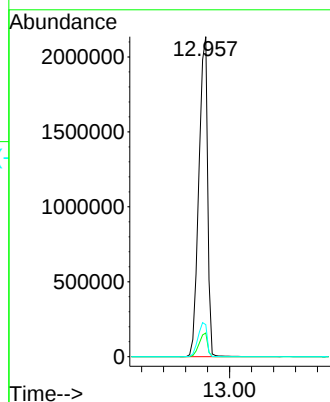
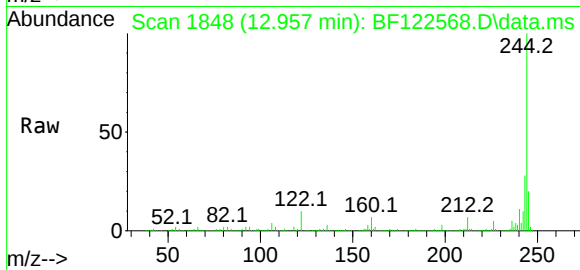
Tgt Ion:244 Resp: 2364363

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.0 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: BF122568.D

Acq: 7 Dec 2020 12:08

Tgt Ion:264 Resp: 662152

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.3 17.0 25.6

