

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110486.D
 Acq On : 6 Nov 2018 1:46
 Operator : JU/SJ
 Sample : PB114474BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BL

Quant Time: Nov 06 03:49:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

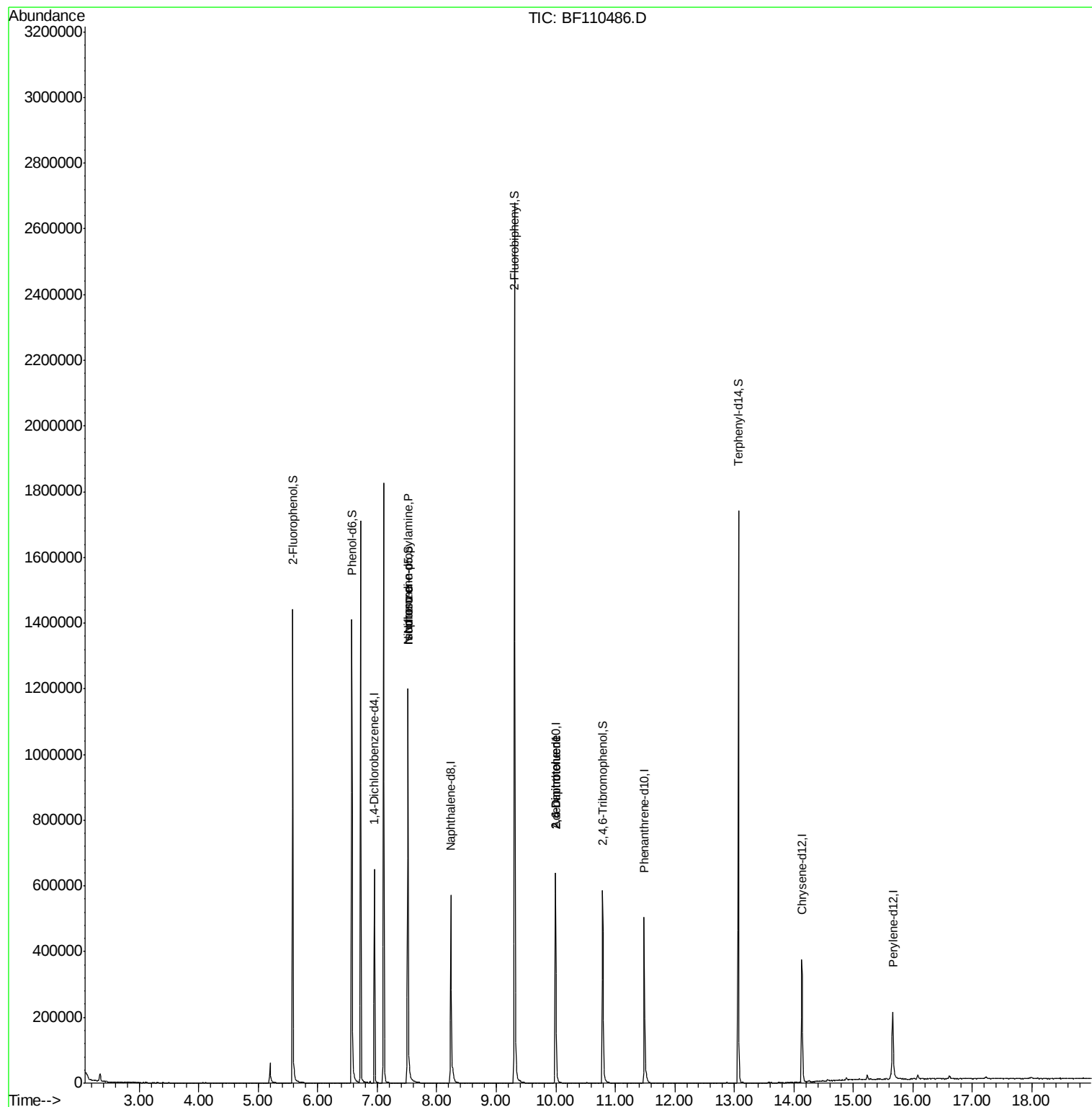
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92360	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	371737	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	162562	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	250134	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168075	20.00	ng	0.00
87) Perylene-d12	15.66	264	129732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	381784	67.31	ng	0.00
7) Phenol-d6	6.57	99	479848	66.15	ng	0.00
23) Nitrobenzene-d5	7.52	82	453256	72.32	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	83228	51.69	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	852546	82.35	ng	0.00
79) Terphenyl-d14	13.07	244	584132	72.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	536	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	58672	12.607 ng	#	79
25) Isophorone	7.52	82	453252	42.426 ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	20268	7.841 ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	20268	6.173 ng	#	17

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

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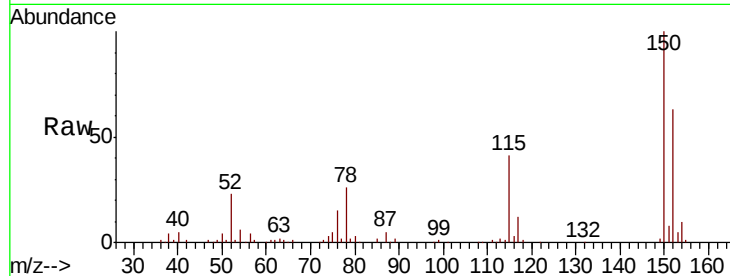


#1

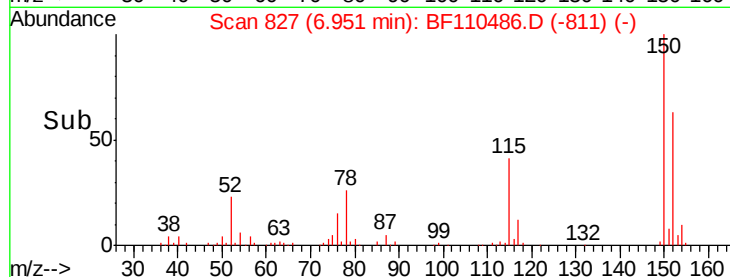
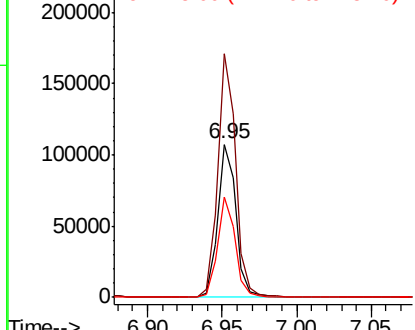
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

Instrument :
BNA_F
ClientSampleId :
PB114474BL

Tgt Ion:152 Resp: 92360
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 66.0 49.1 73.7



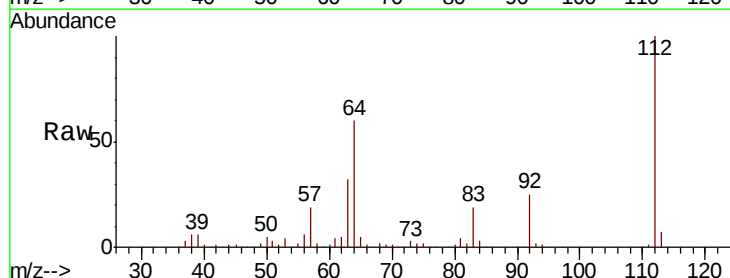
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



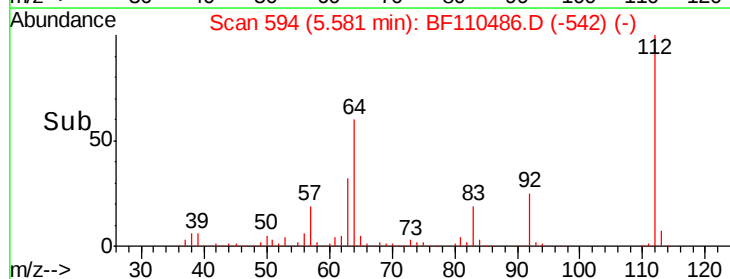
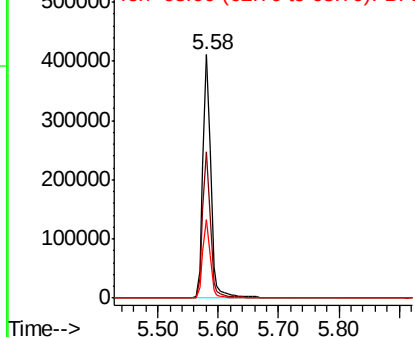
#5

2-Fluorophenol
Concen: 67.315 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

Tgt Ion:112 Resp: 381784
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 66.145 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

BNA_F

ClientSampleId :

PB114474BL

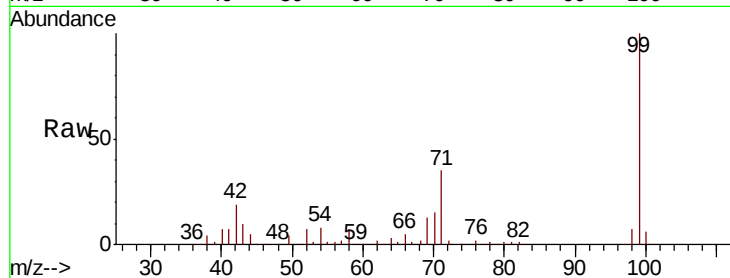
Tgt Ion: 99 Resp: 479848

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

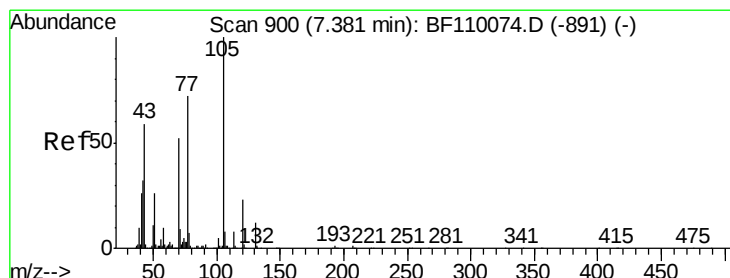
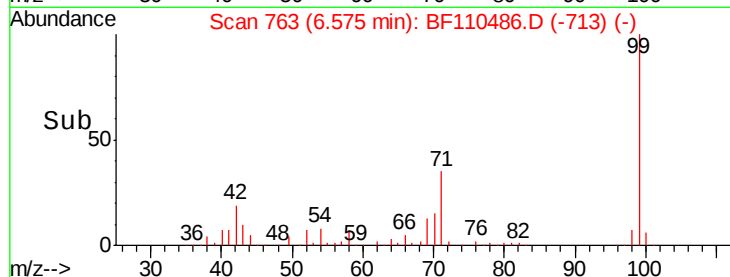
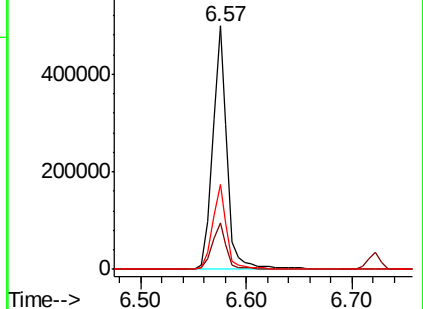
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.607 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Tgt Ion: 70 Resp: 58672

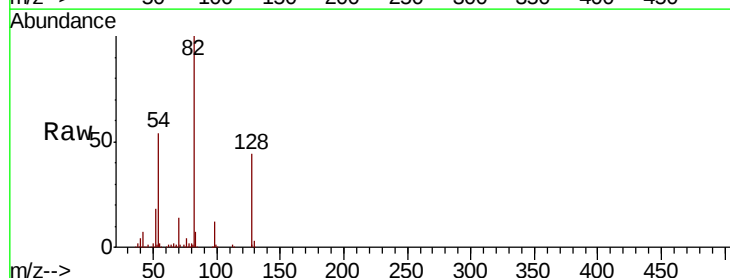
Ion Ratio Lower Upper

70 100

42 48.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

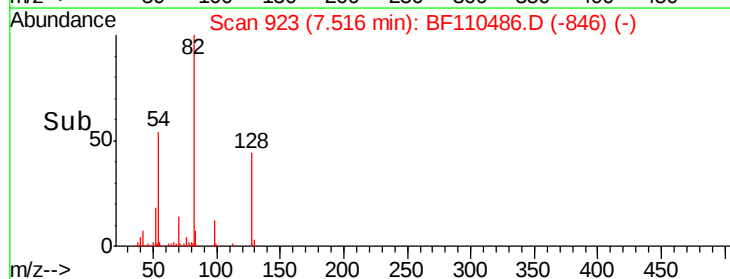
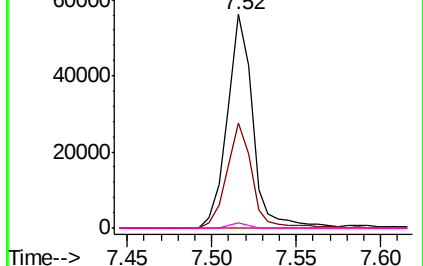


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

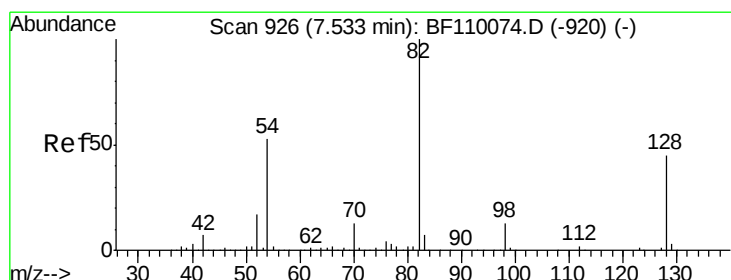
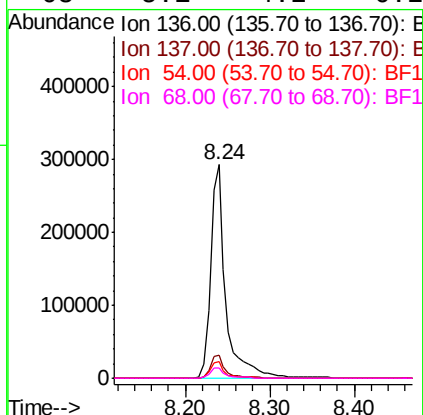
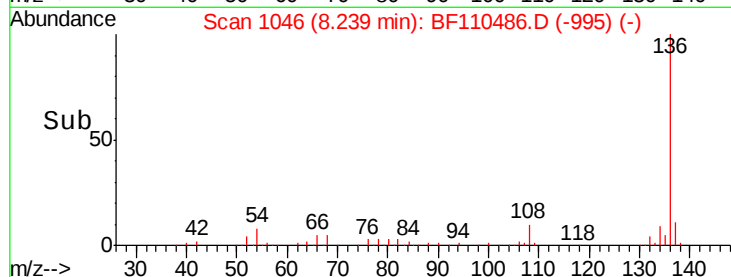
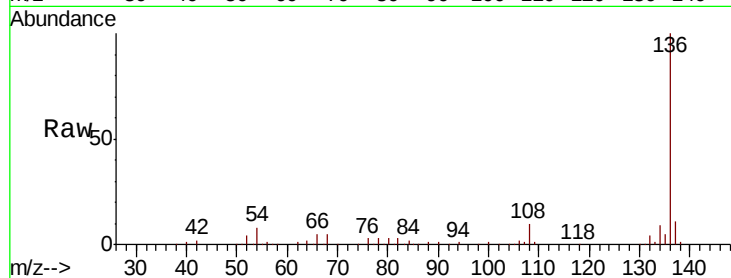




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

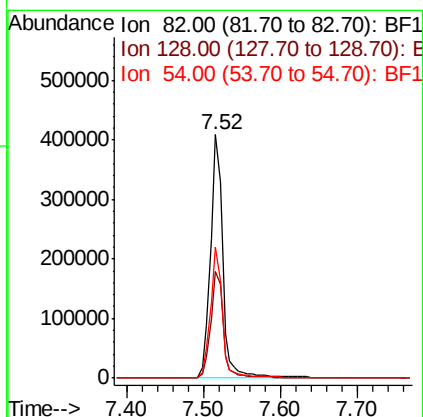
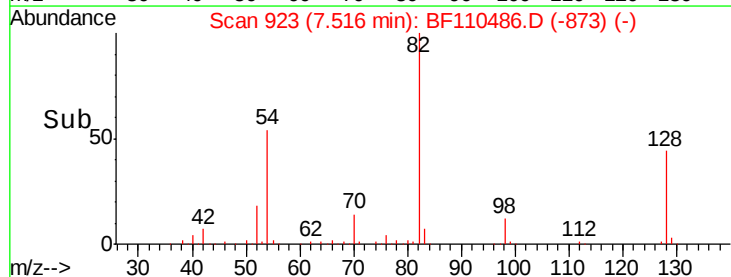
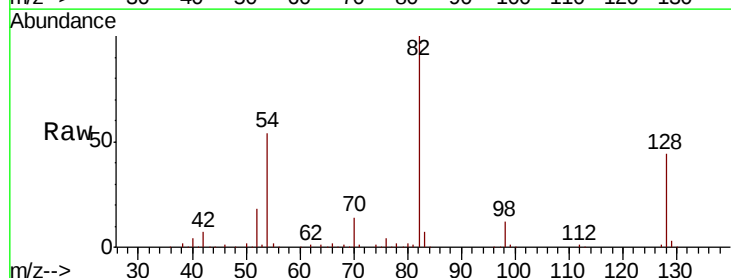
Instrument :
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PB114474BL

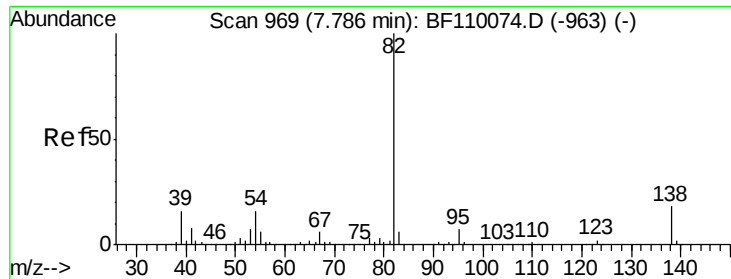
Tgt Ion:	136	Resp:	371737
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	5.4	8.2
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 72.320 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

Tgt Ion:	82	Resp:	453256
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.5	38.6	58.0





#25

Isophorone

Concen: 42.426 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

BNA_F

ClientSampleId :

PB114474BL

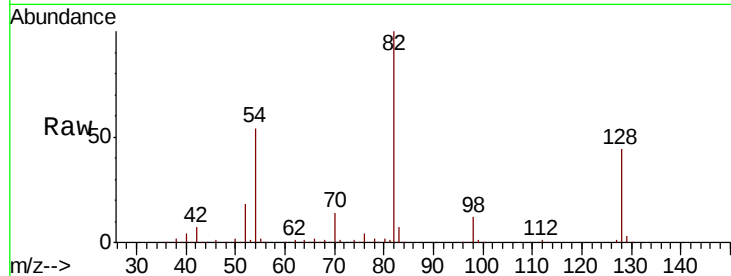
Tgt Ion: 82 Resp: 453252

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

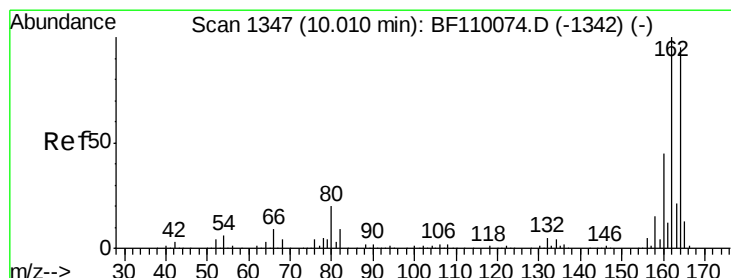
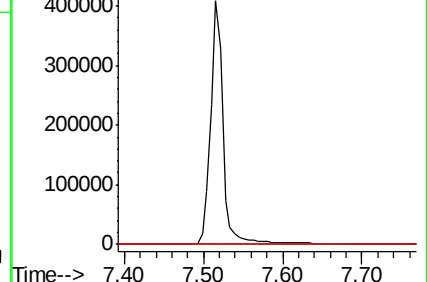
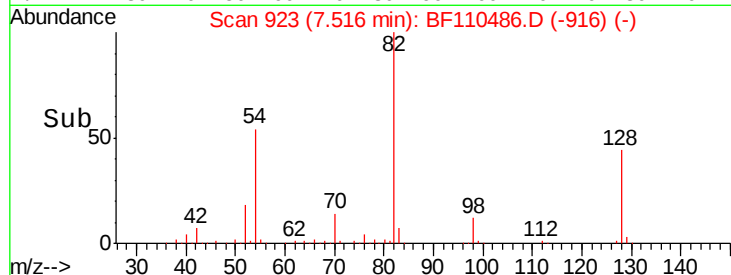
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

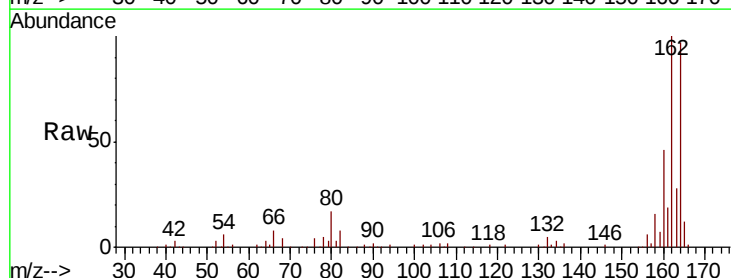
Tgt Ion: 164 Resp: 162562

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

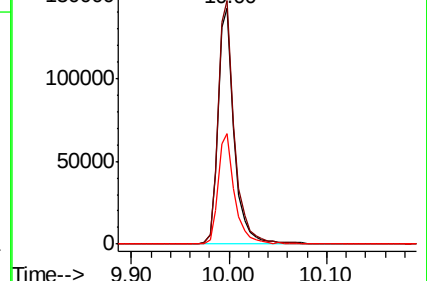
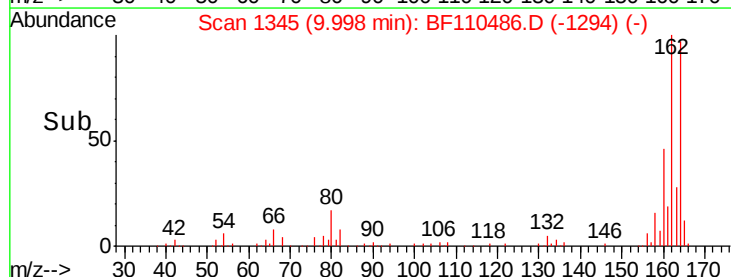
160 47.0 37.0 55.6

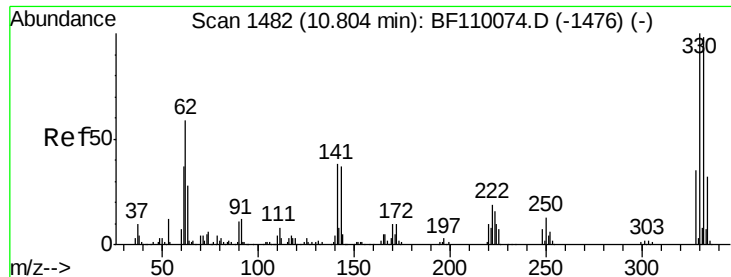


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 51.685 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

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ClientSampleId :

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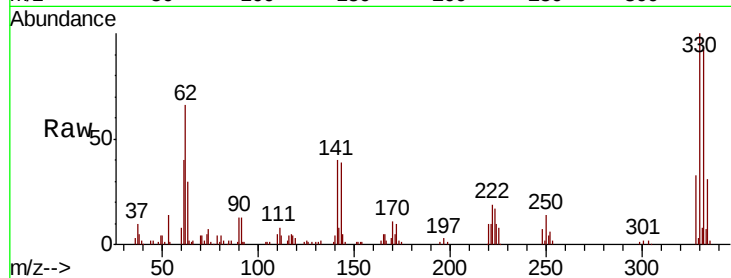
Tgt Ion:330 Resp: 83228

Ion Ratio Lower Upper

330 100

332 94.9 77.1 115.7

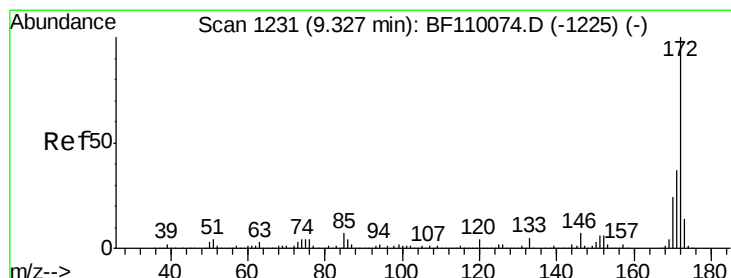
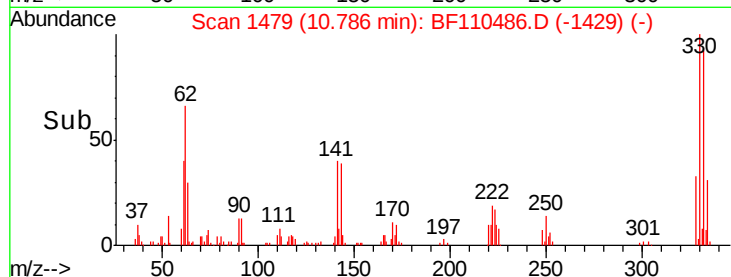
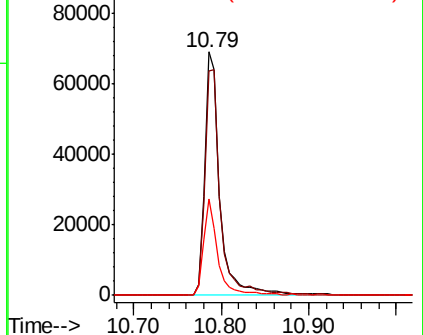
141 36.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 82.351 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

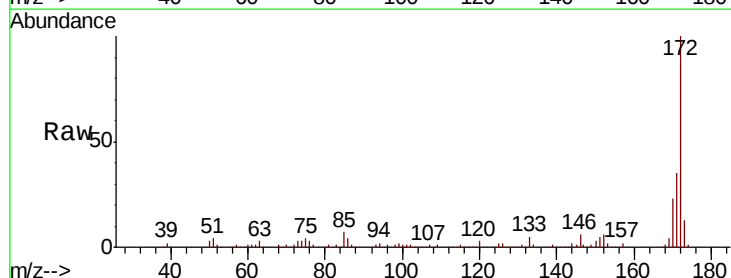
Tgt Ion:172 Resp: 852546

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

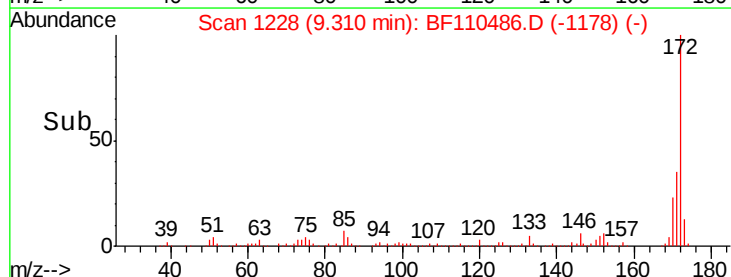
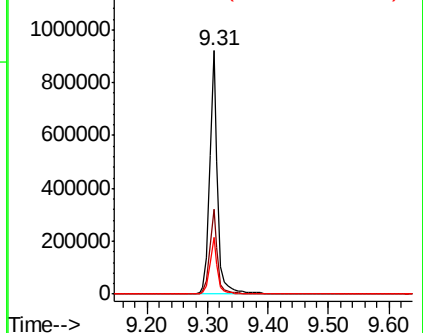
170 23.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.841 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

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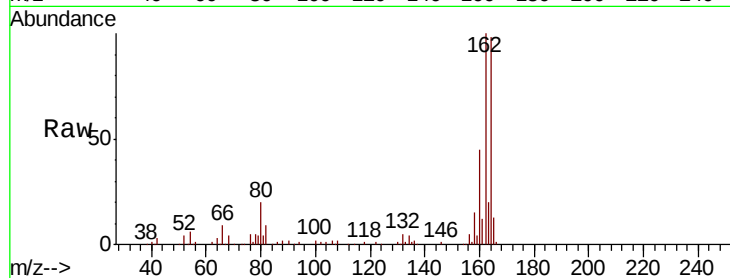
Tgt Ion:165 Resp: 20268

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

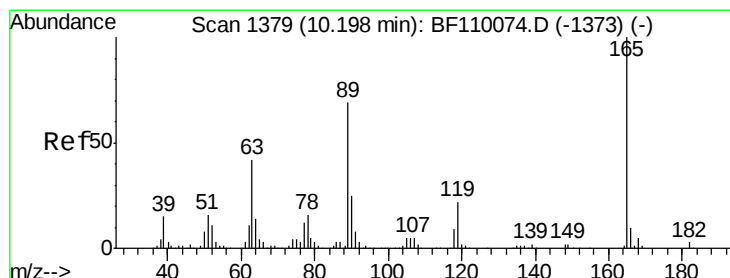
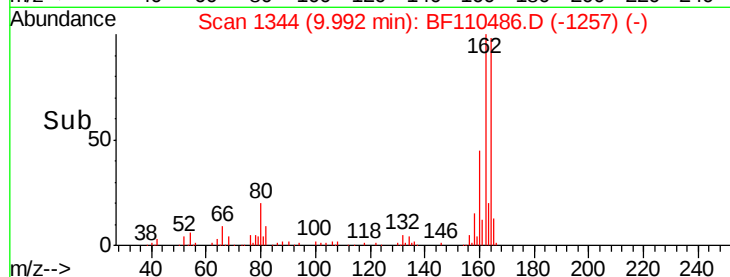
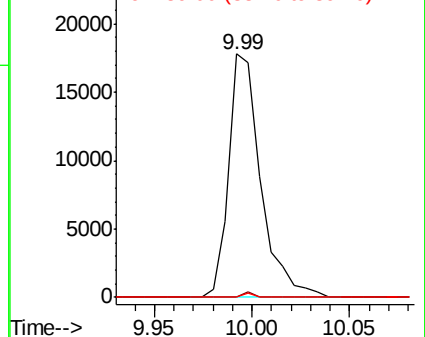
89 0.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.173 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Tgt Ion:165 Resp: 20268

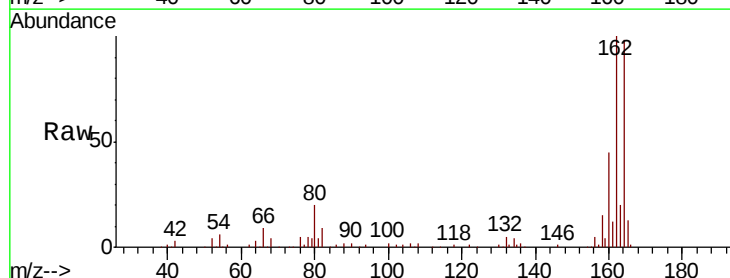
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

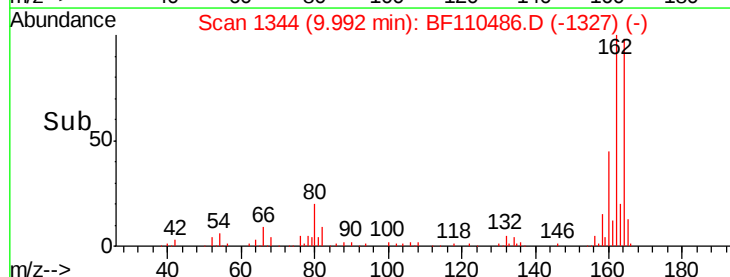
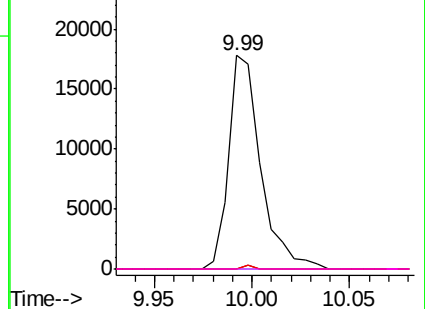


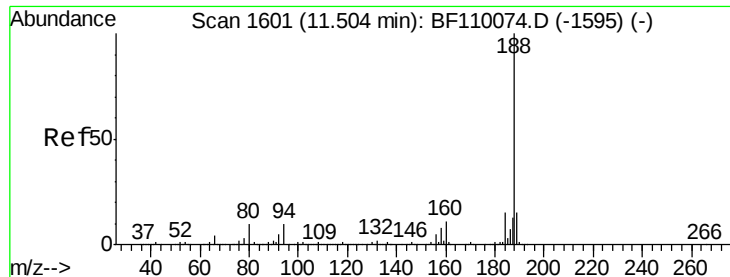
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

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PB114474BL

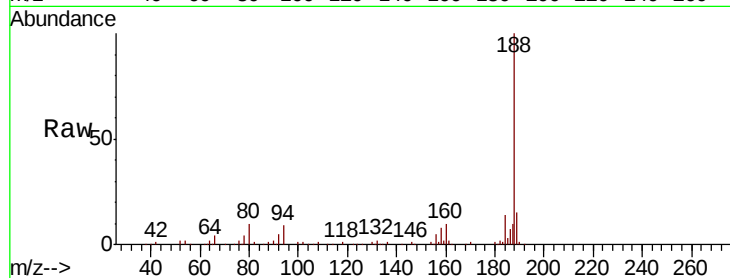
Tgt Ion:188 Resp: 250134

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

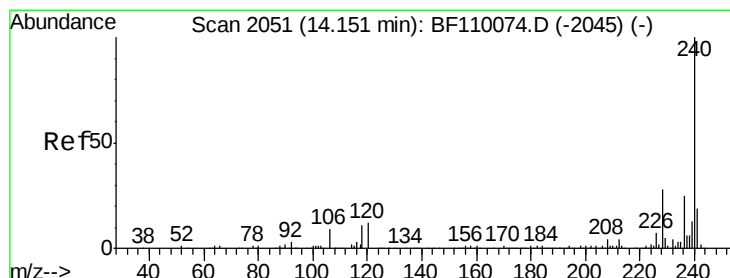
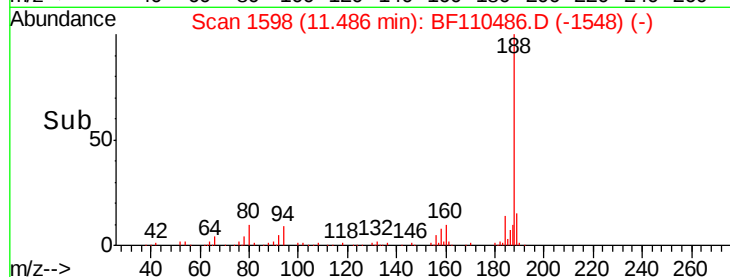
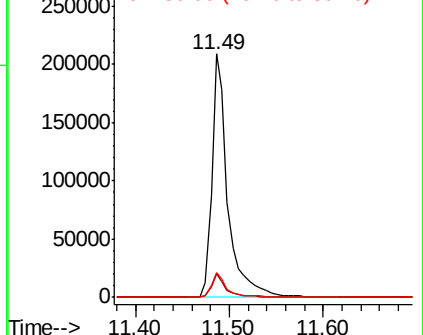
80 10.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

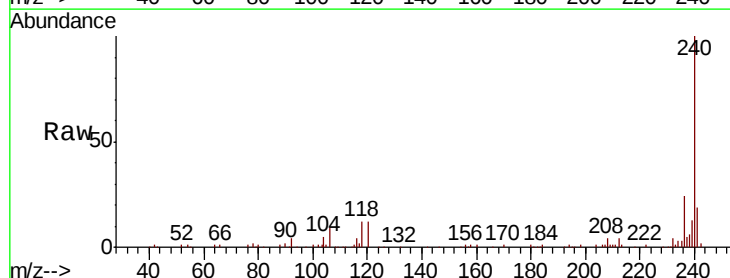
Tgt Ion:240 Resp: 168075

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

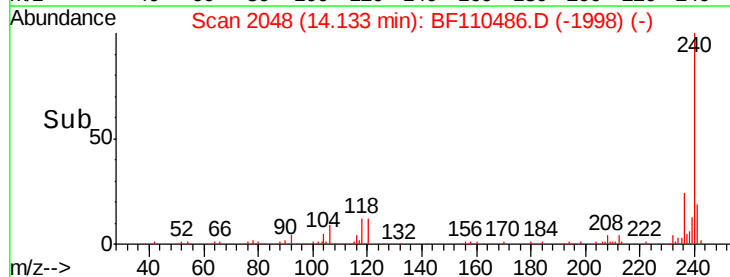
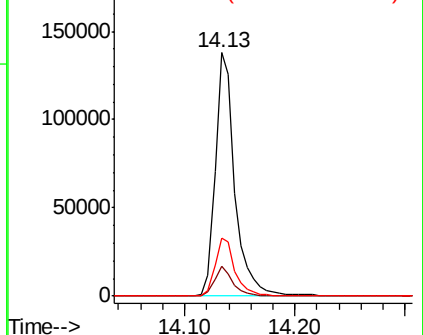
236 23.7 21.2 31.8

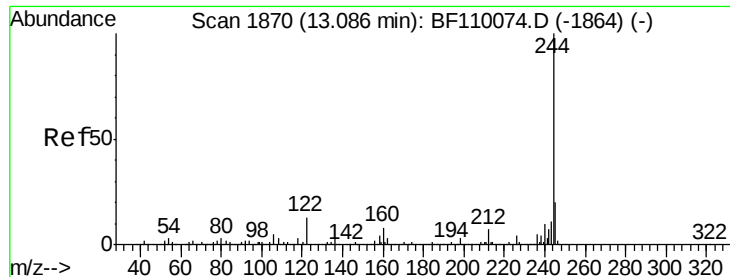


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.279 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

BNA_F

ClientSampleId :

PB114474BL

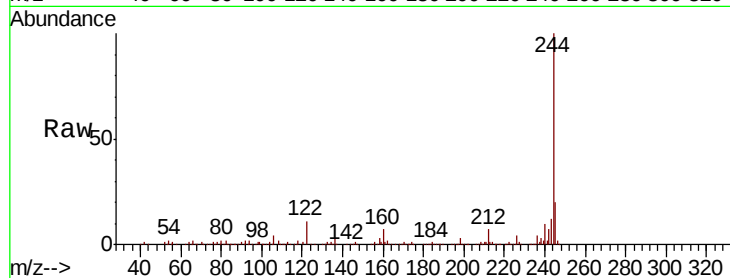
Tgt Ion:244 Resp: 584132

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

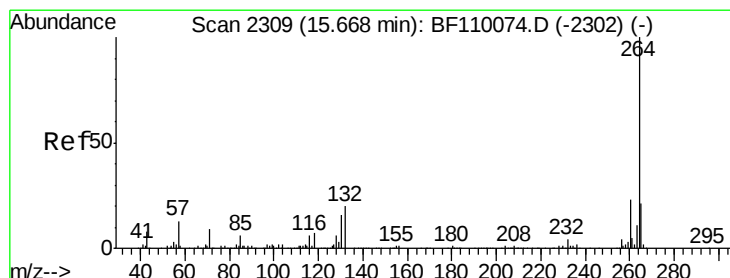
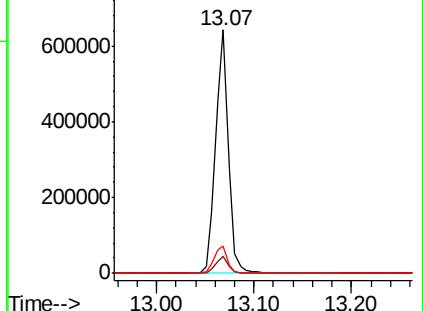
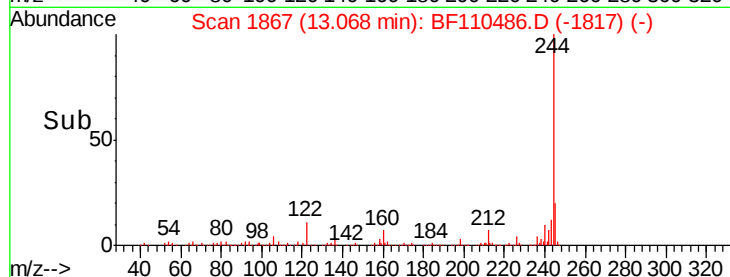
122 11.3 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

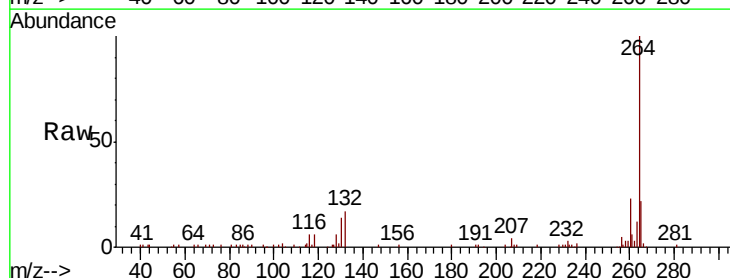
Tgt Ion:264 Resp: 129732

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

