

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110541.D
 Acq On : 7 Nov 2018 3:04
 Operator : JU/SJ
 Sample : J5827-31 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:48:05 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

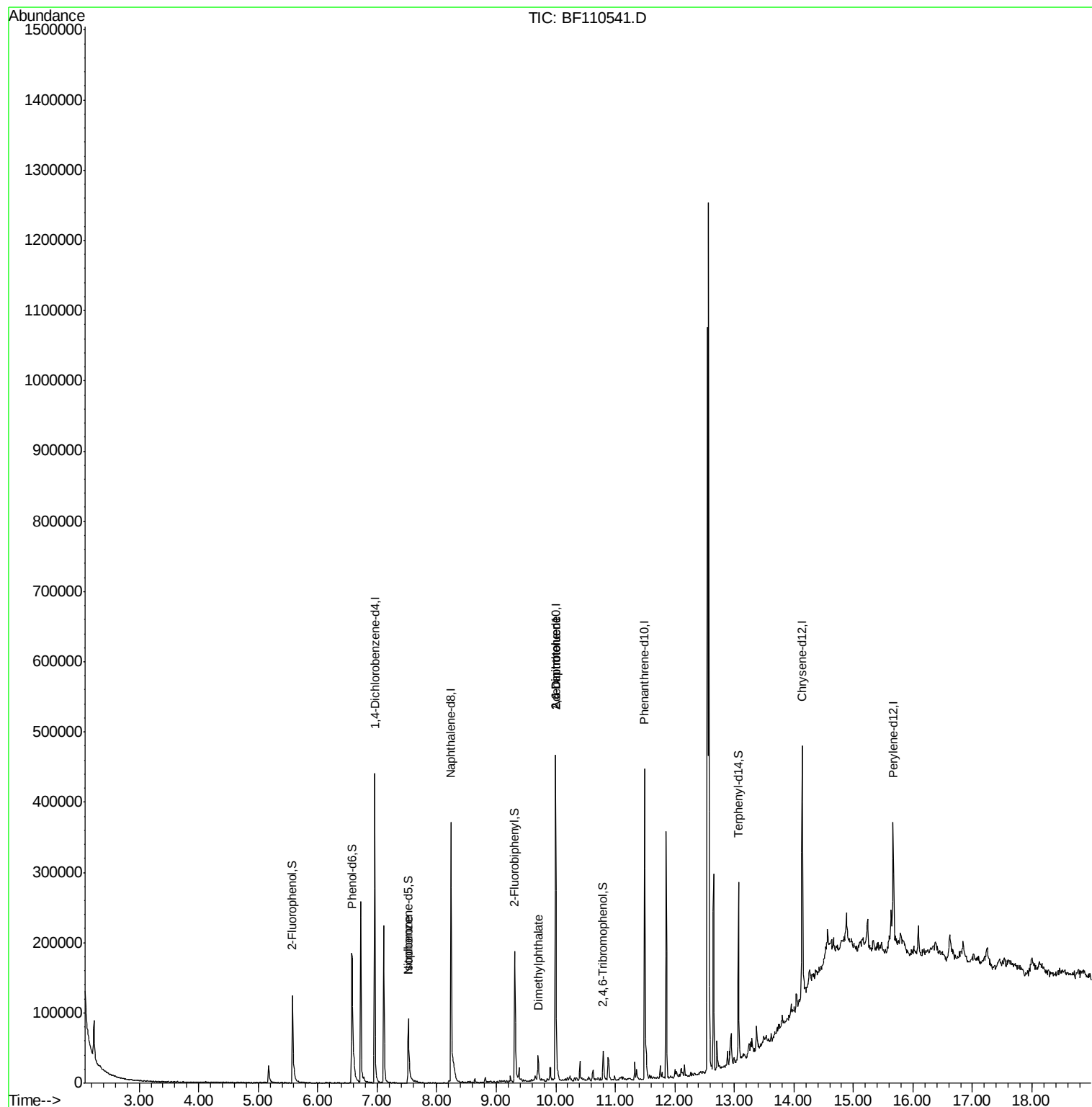
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	67536	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	246208	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	96629	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	180602	20.00	ng	0.00
76) Chrysene-d12	14.14	240	124253	20.00	ng	0.00
87) Perylene-d12	15.67	264	94089	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	56832	13.70	ng	0.00
7) Phenol-d6	6.57	99	98799	18.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	48120	11.59	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	7500	7.84	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	86433	14.05	ng	0.00
79) Terphenyl-d14	13.07	244	80138	13.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	1481	Below Cal	#	71
25) Isophorone	7.52	82	48120	6.80	ng	# 67
50) Dimethylphthalate	9.70	163	16249	2.28	ng	# 94
51) 2,6-Dinitrotoluene	10.00	165	12342	8.03	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	12342	6.32	ng	# 17
77) Benzidine	13.07	184	1038	Below Cal	#	71

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

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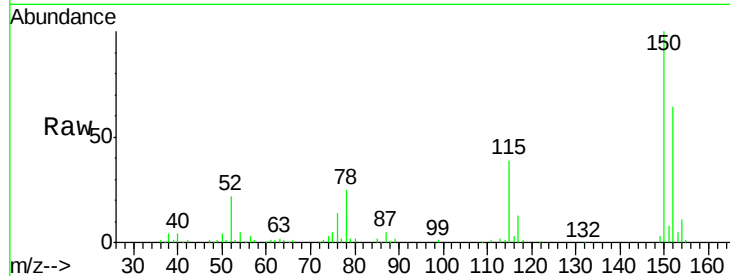


#1

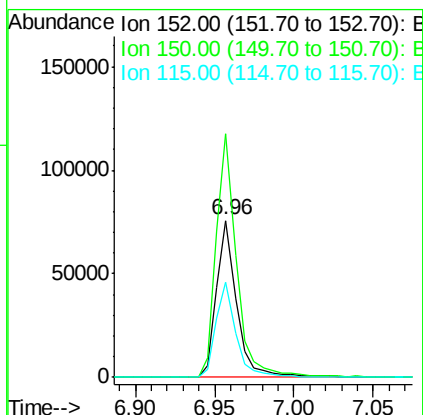
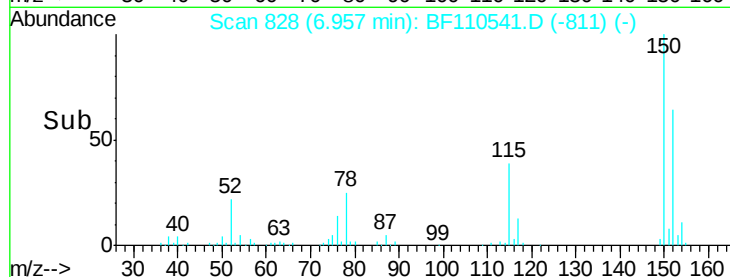
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67536
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 60.7 49.1 73.7



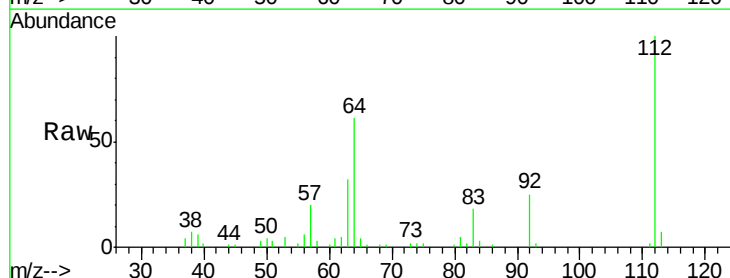
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



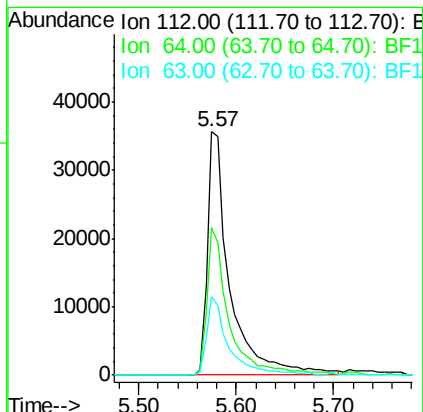
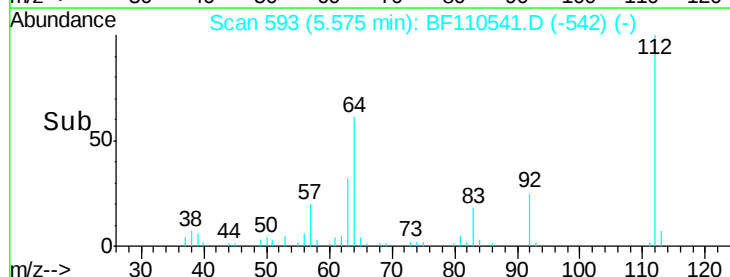
#5

2-Fluorophenol
Concen: 13.70 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Tgt Ion:112 Resp: 56832
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 32.4 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: 18.62 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

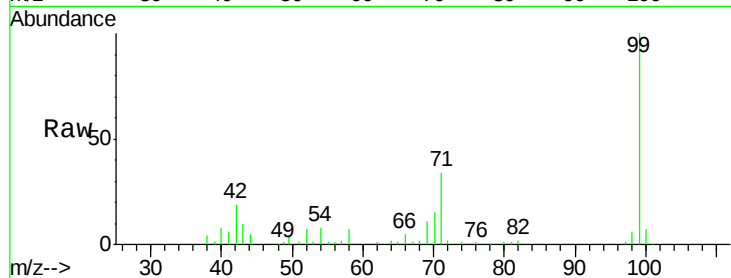
Tot Ion: 99 Resp: 98799

Ion Ratio Lower Upper

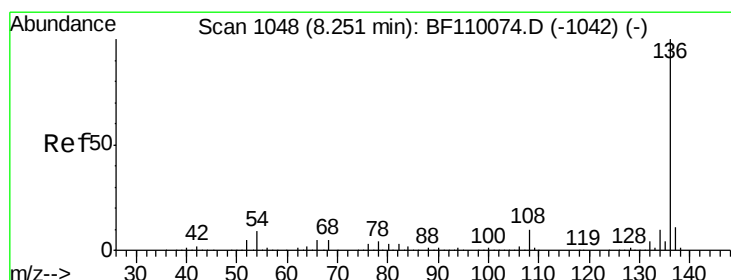
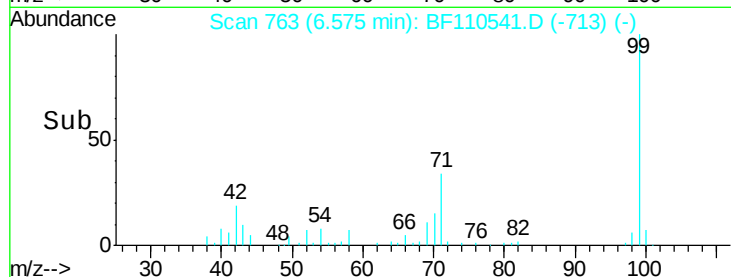
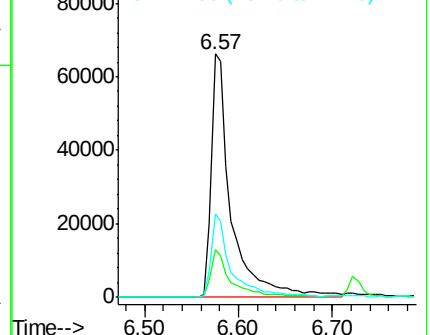
99 100

42 19.4 15.8 23.6

71 34.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

Tgt Ion: 136 Resp: 246208

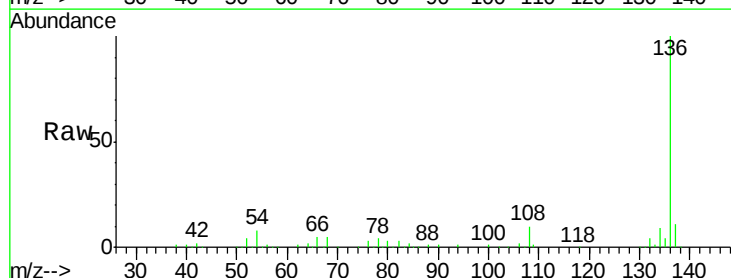
Ion Ratio Lower Upper

136 100

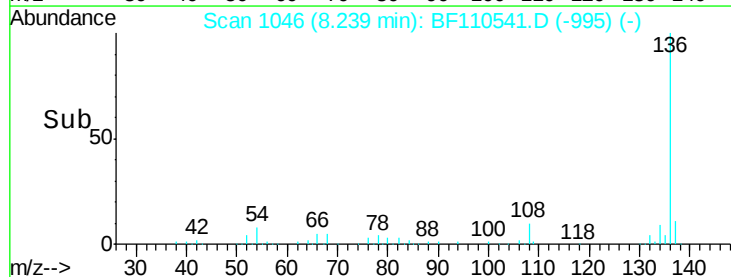
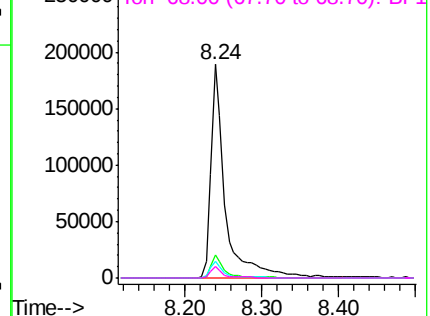
137 10.6 8.8 13.2

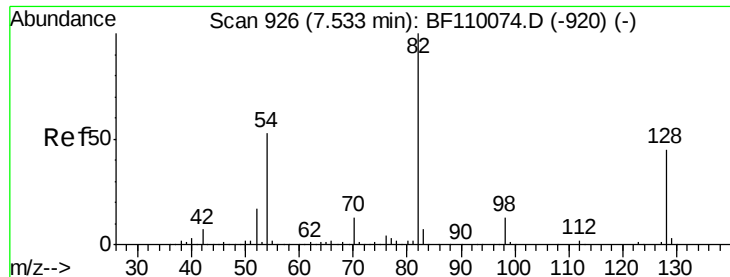
54 7.8 5.4 8.2

68 5.4 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

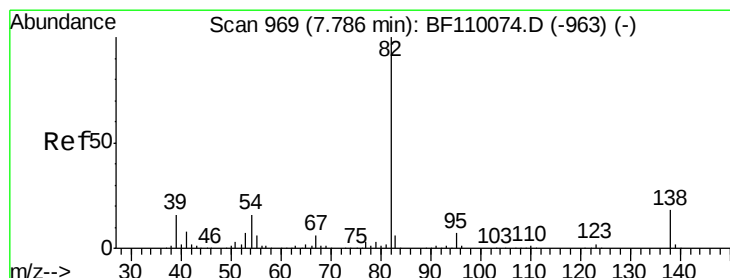
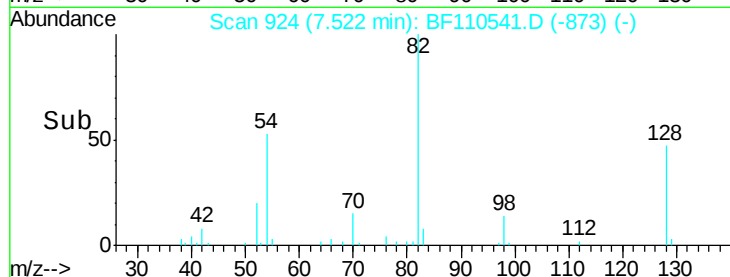
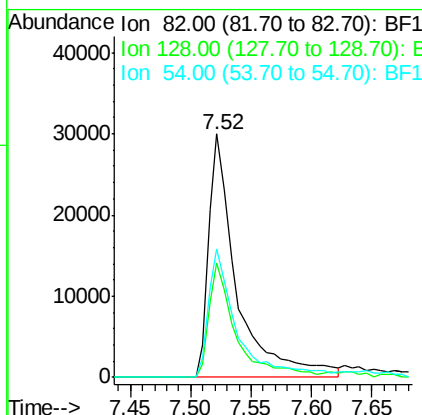
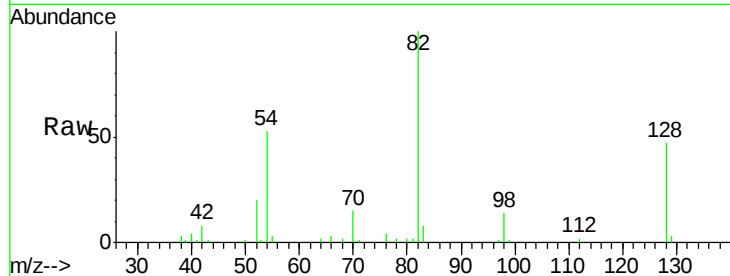




#23
 Nitrobenzene-d5
 Concen: 11.59 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110541.D
 Acq: 7 Nov 2018 3:04

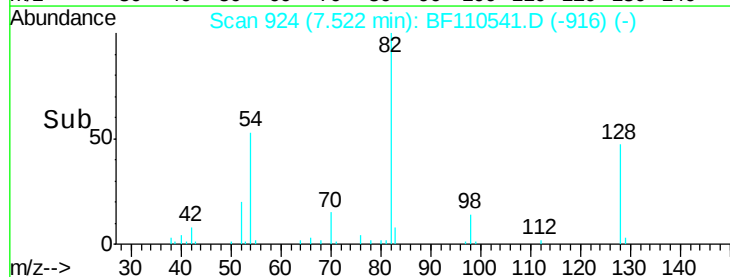
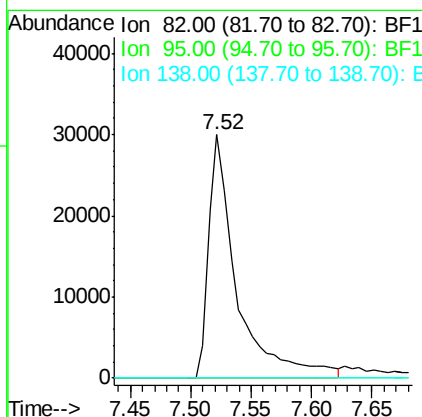
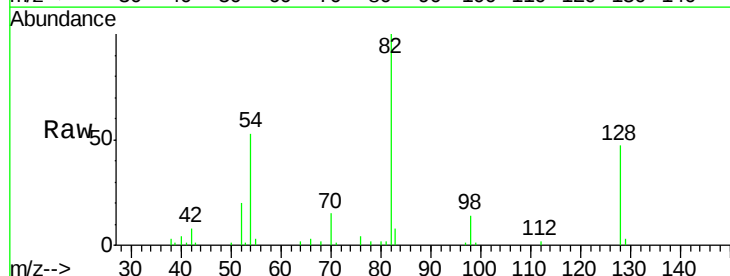
Instrument :
 BNA_F
 ClientSampleId :

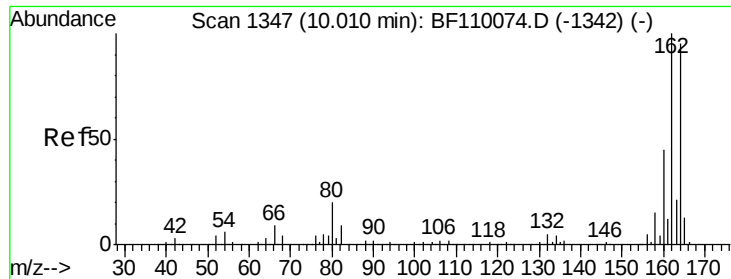
Tot Ion	82	Resp	48120
Ion Ratio	Lower	Upper	
82	100		
128	47.0	34.2	51.2
54	52.9	38.6	58.0



#25
 Isophorone
 Concen: 6.80 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110541.D
 Acq: 7 Nov 2018 3:04

Tgt Ion	82	Resp	48120
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

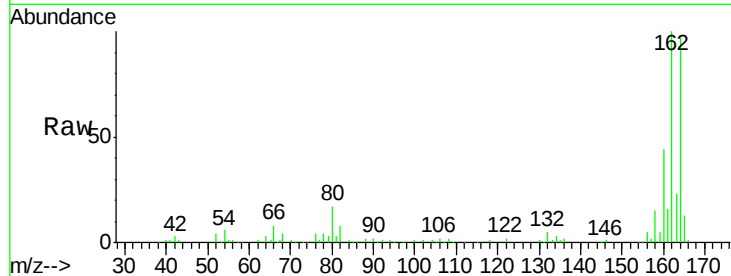
Tot Ion:164 Resp: 96629

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

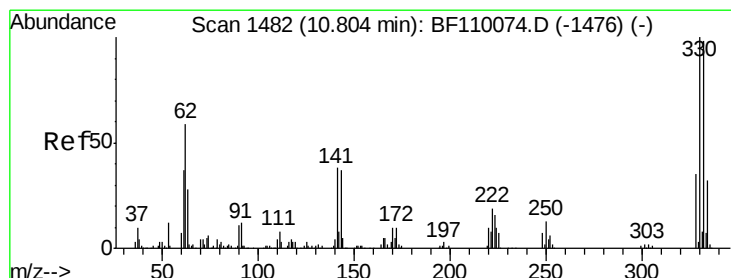
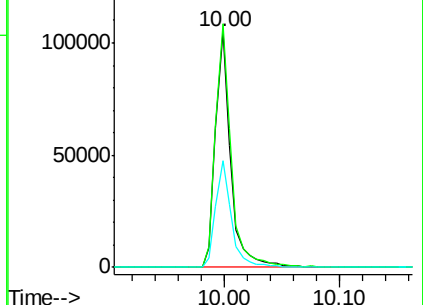
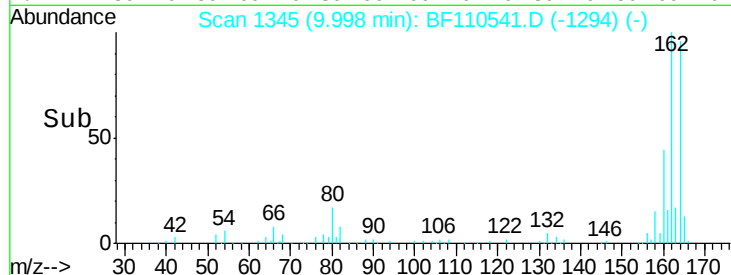
160 45.3 37.0 55.6



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: 7.84 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

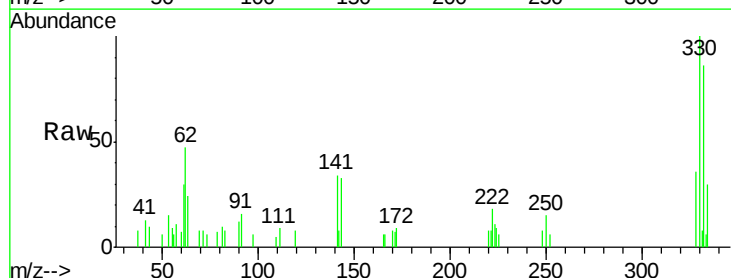
Tgt Ion:330 Resp: 7500

Ion Ratio Lower Upper

330 100

332 90.8 77.1 115.7

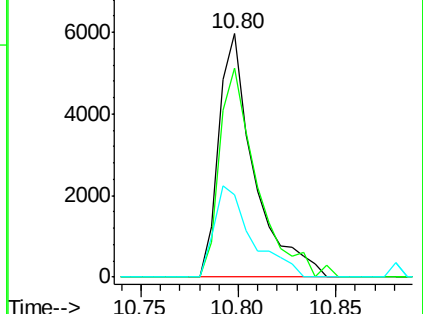
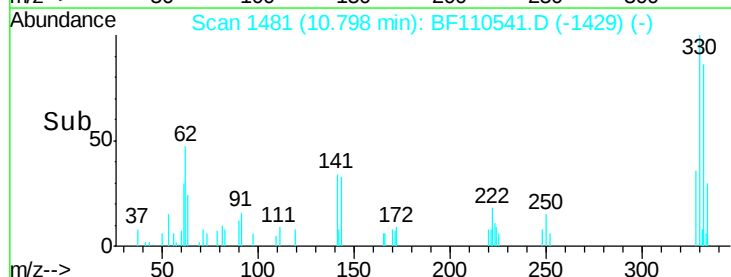
141 39.8 27.0 40.4

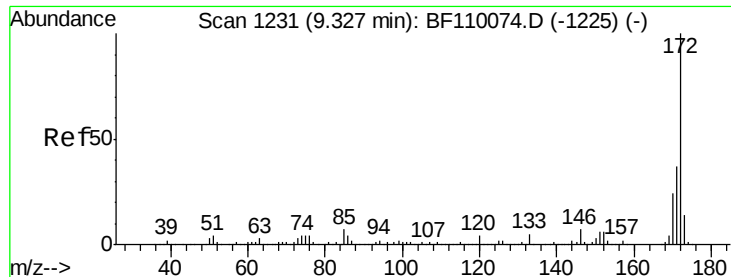


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

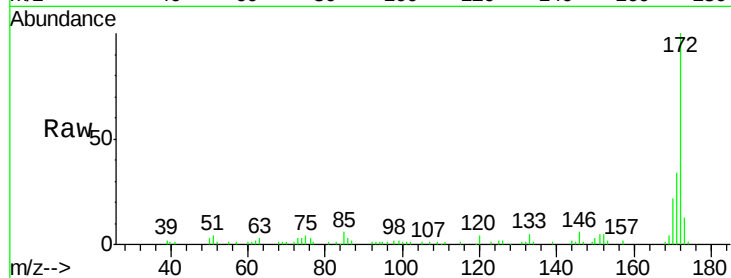




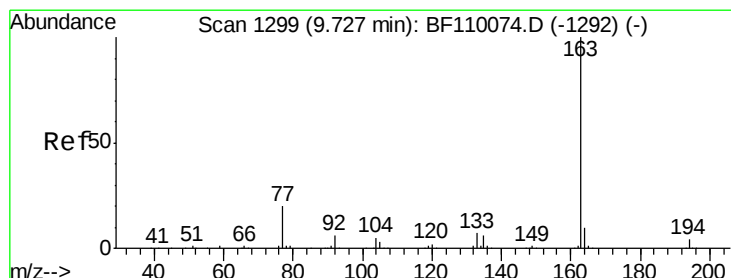
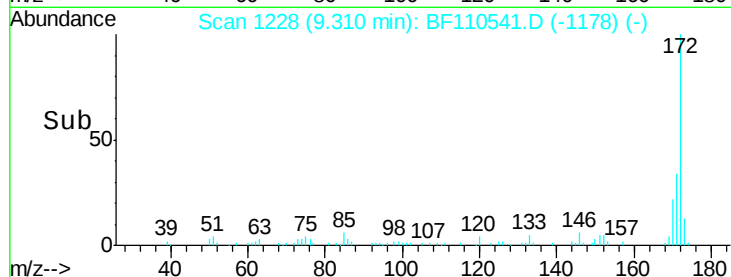
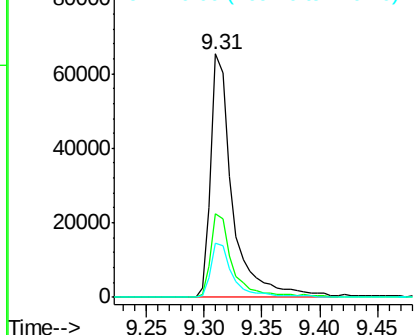
#45
2-Fluorobiphenyl
Concen: 14.05 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 86433
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 22.5 19.7 29.5

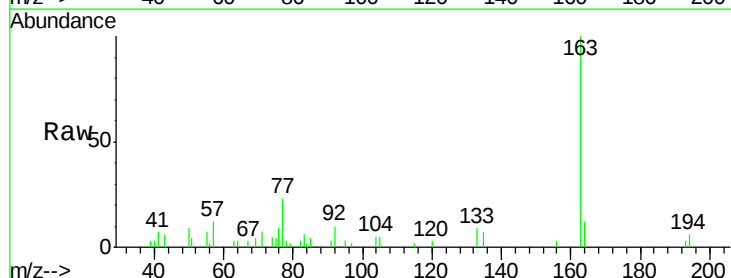


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

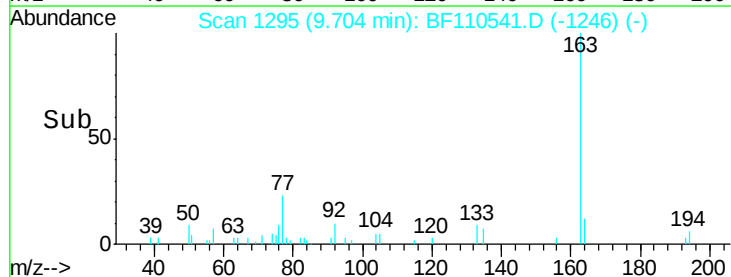
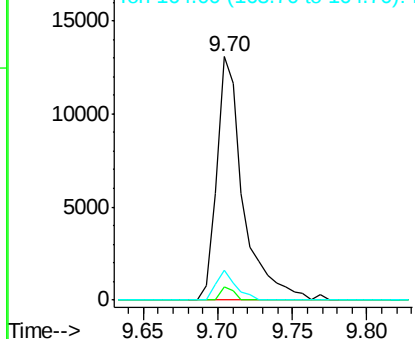


#50
Dimethylphthalate
Concen: 2.28 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Tgt Ion:163 Resp: 16249
Ion Ratio Lower Upper
163 100
194 5.6 3.2 4.8#
164 12.3 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

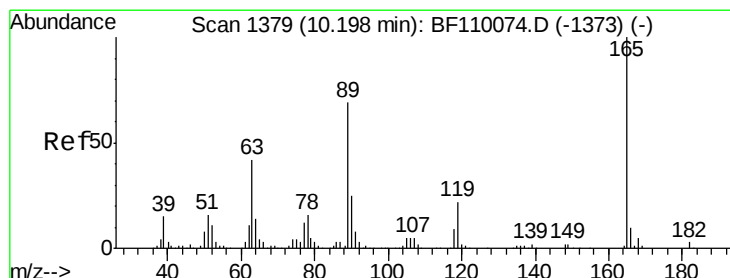
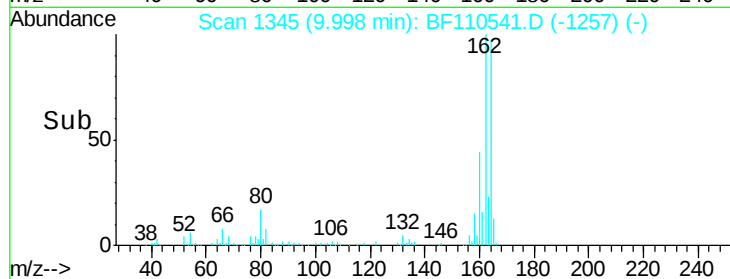
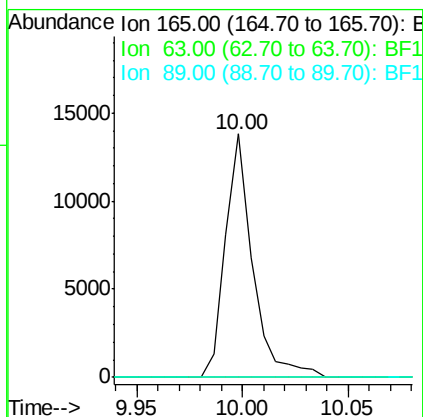
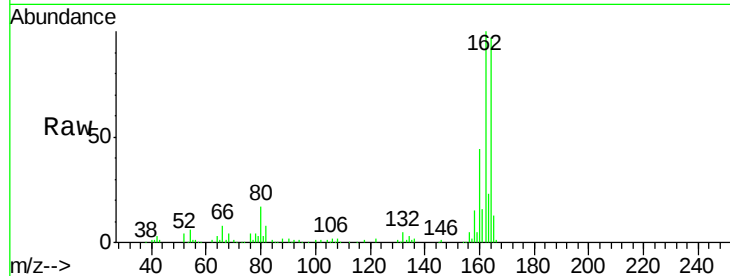




#51
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110541.D
 Acq: 7 Nov 2018 3:04

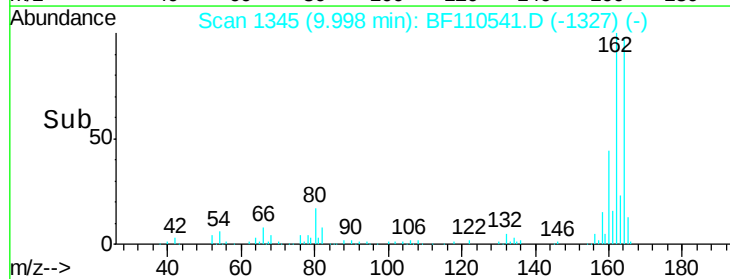
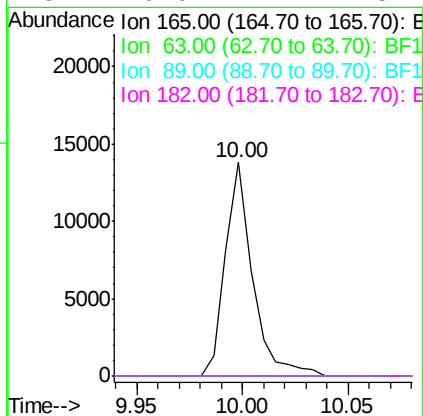
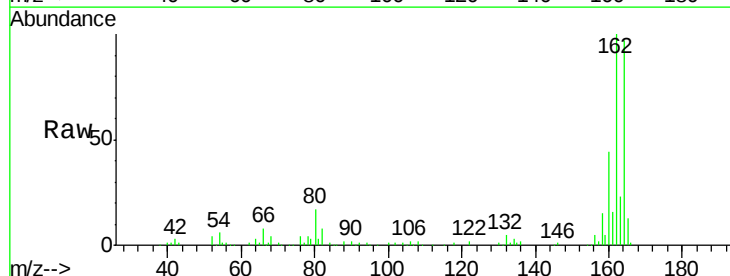
Instrument :
 BNA_F
 ClientSampleId :

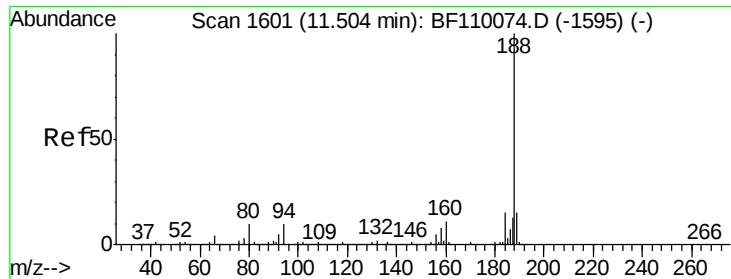
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110541.D
 Acq: 7 Nov 2018 3:04

Tgt 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#

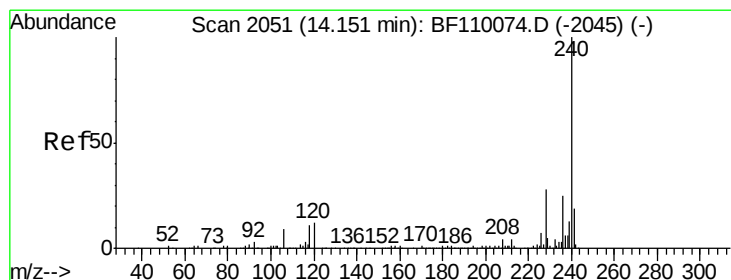
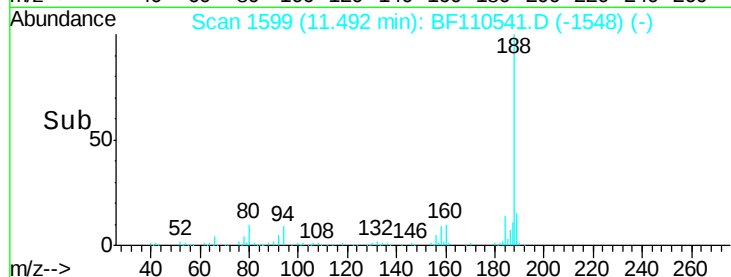
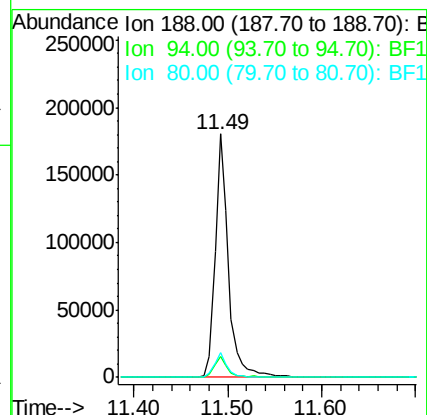
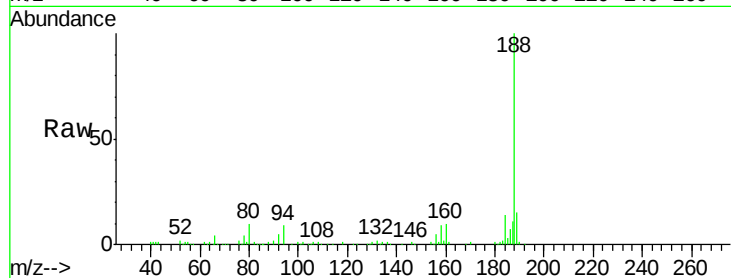




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

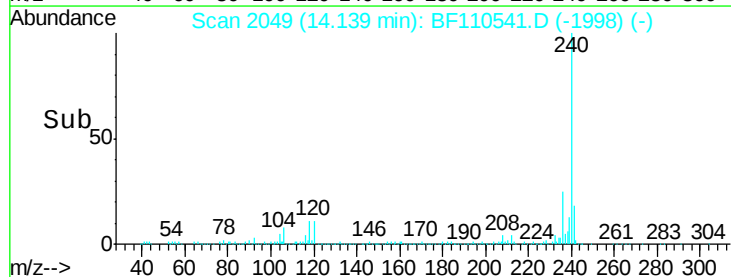
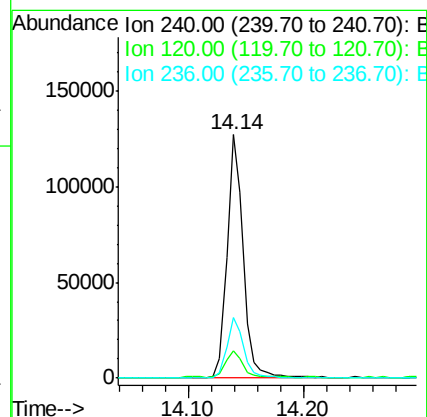
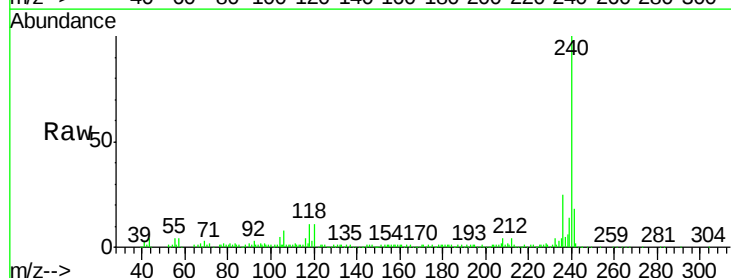
Instrument :
BNA_F
ClientSampled :

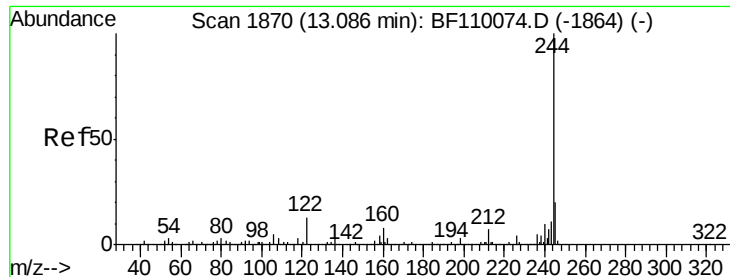
Tot Ion:188 Resp: 180602
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Tgt Ion:240 Resp: 124253
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.7 21.2 31.8





#79

Terphenyl-d14

Concen: 13.41 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

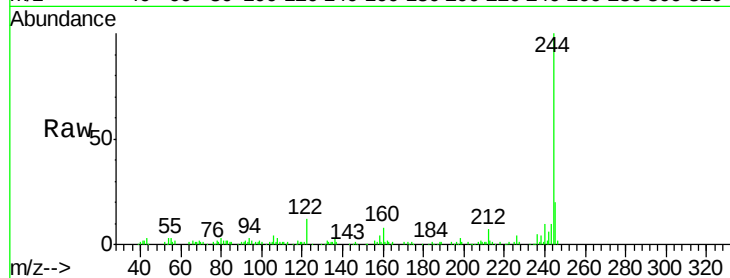
Tot Ion:244 Resp: 80138

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

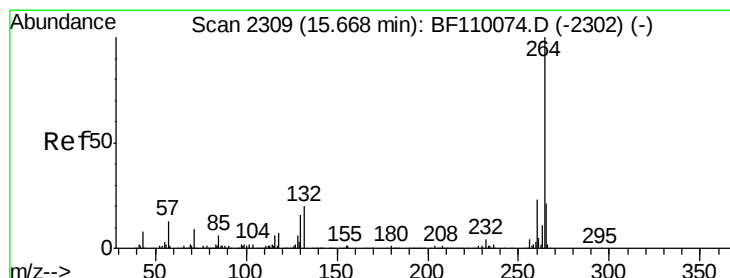
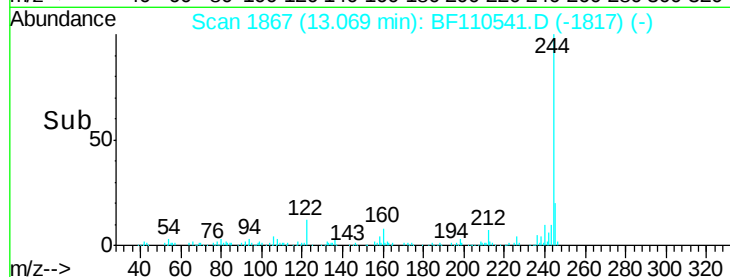
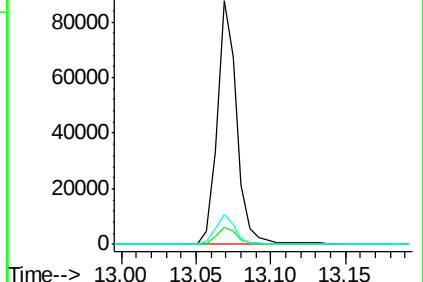
122 12.5 8.7 13.1



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: 20.00 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

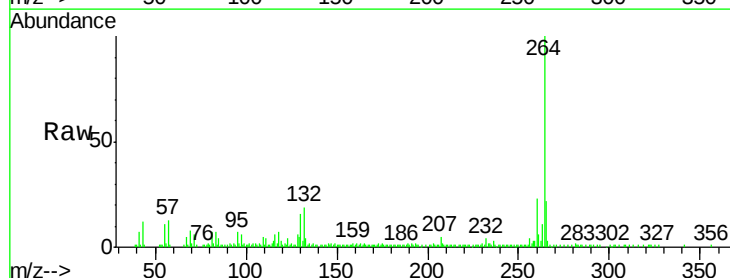
Tgt Ion:264 Resp: 94089

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.1 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

