

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 :
 SP-D

Quant Time: Nov 07 13:31:07 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

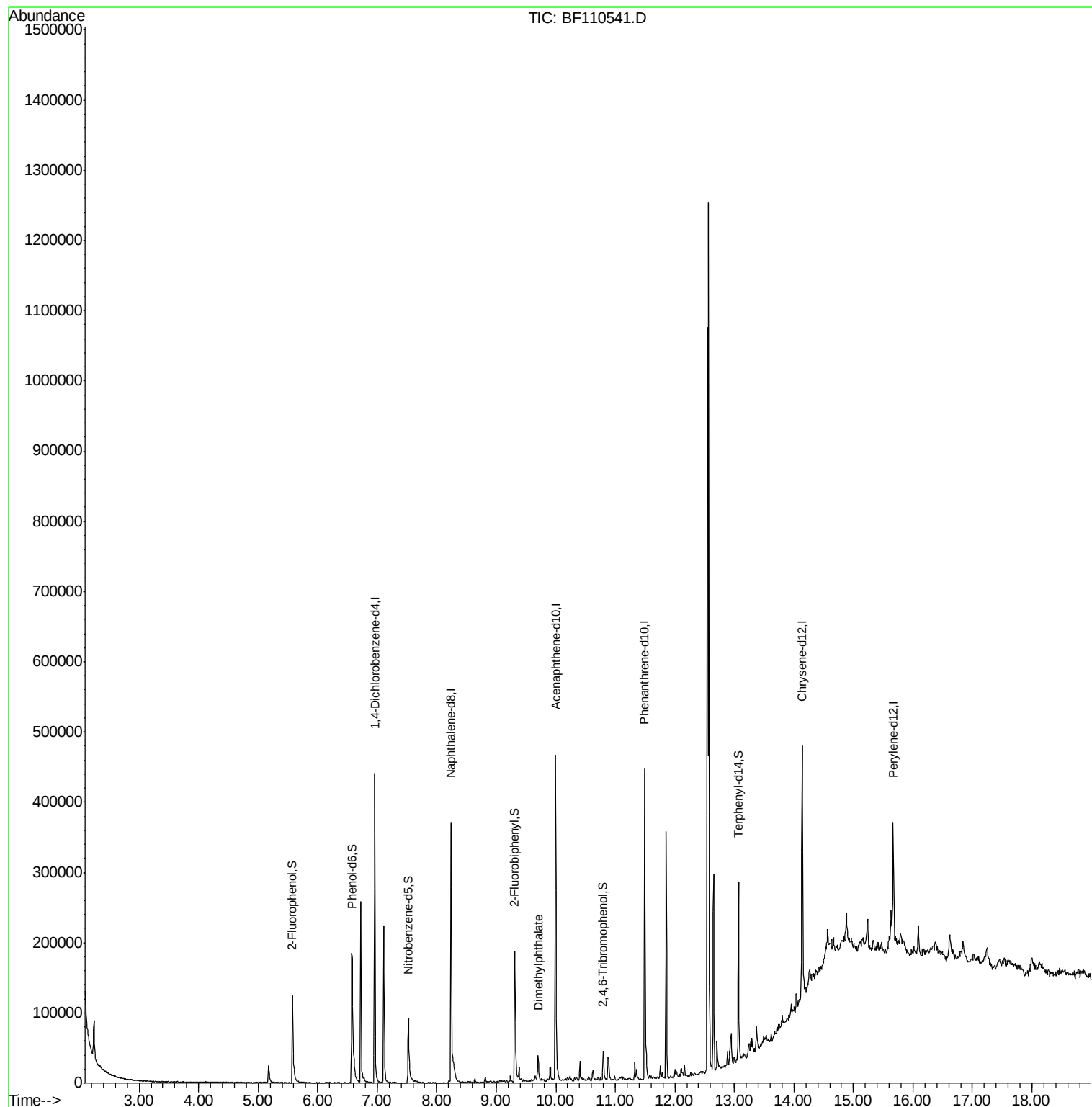
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	67536	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	246208	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	96629	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	180602	20.00	ng	0.00
76) Chrysene-d12	14.14	240	124253	20.00	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						
50) Dimethylphthalate	9.70	163	16249	2.278	ng	Qvalue # 94

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

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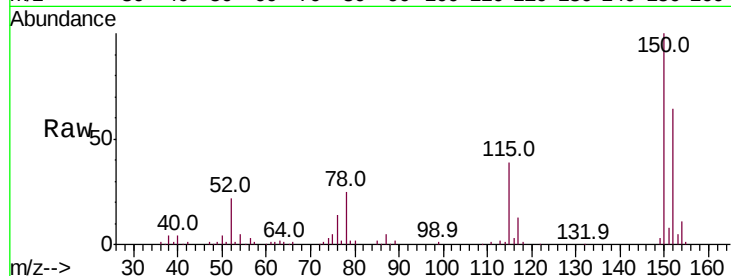


#1

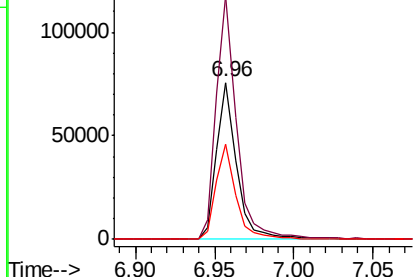
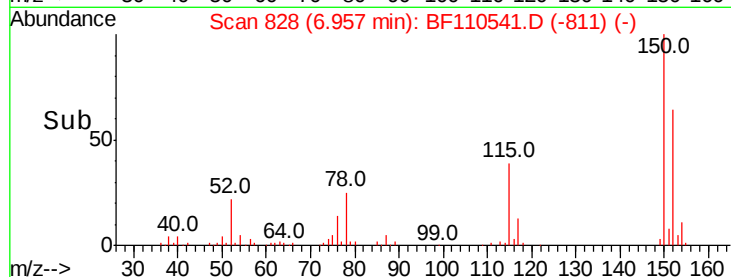
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :
SP-D

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



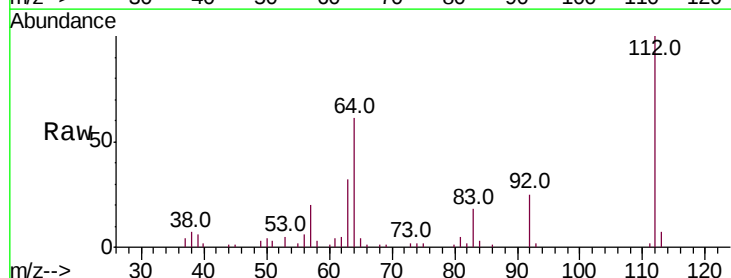
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



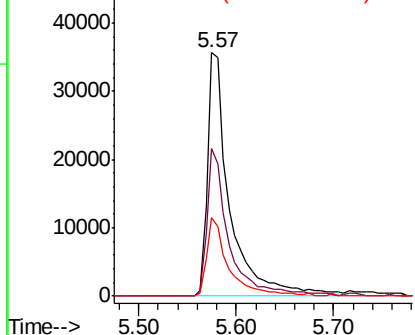
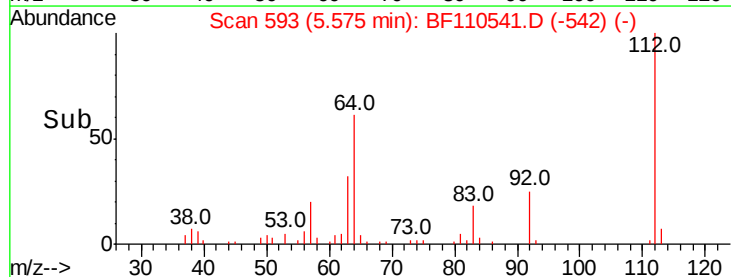
#5

2-Fluorophenol
Concen: 13.704 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: 18.625 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 :

SP-D

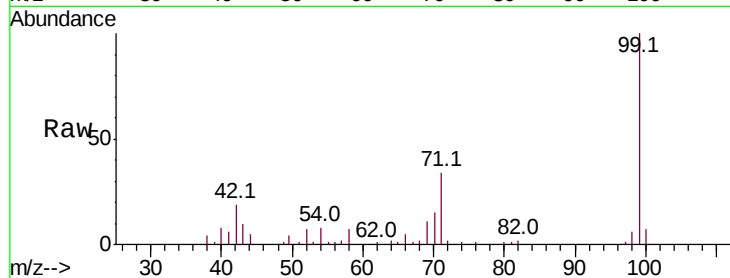
Tot Ion: 99 Resp: 98799

Ion Ratio Lower Upper

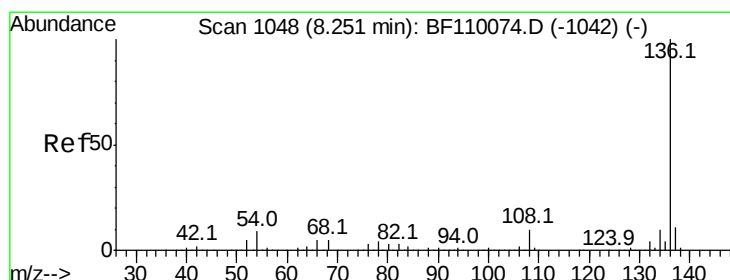
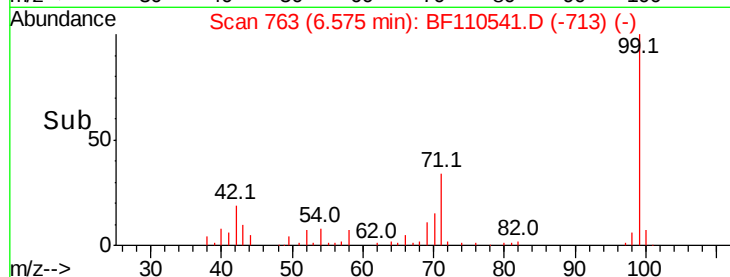
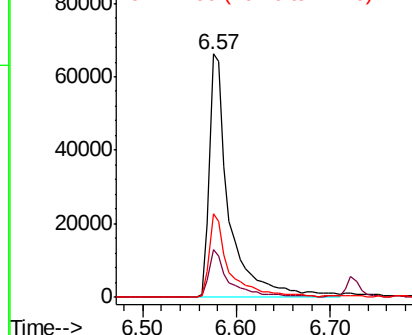
99 100

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: 20.000 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

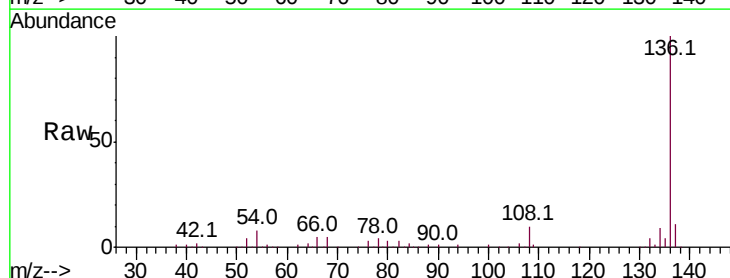
Ion Ratio Lower Upper

136 100

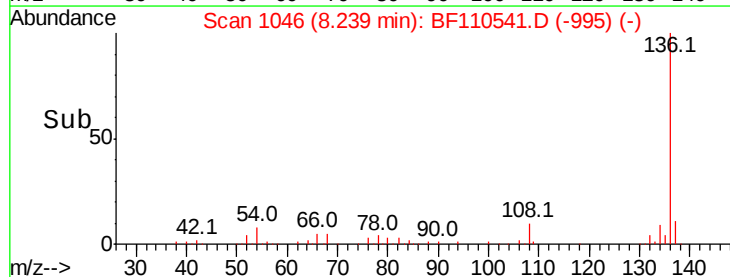
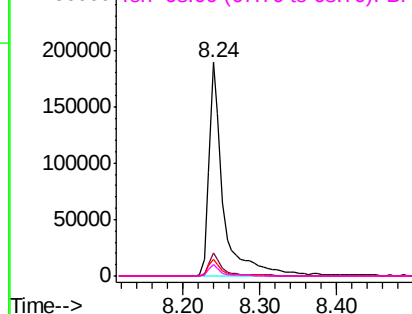
137 10.6 8.8 13.2

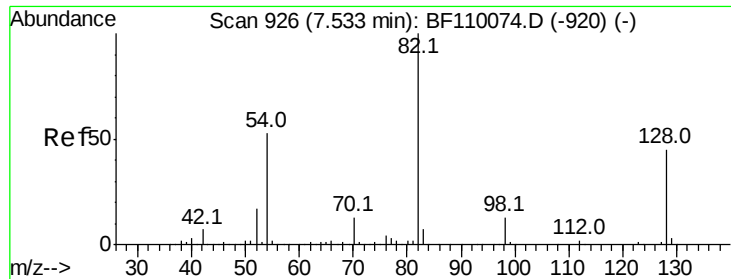
54 7.8 5.4 8.2

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

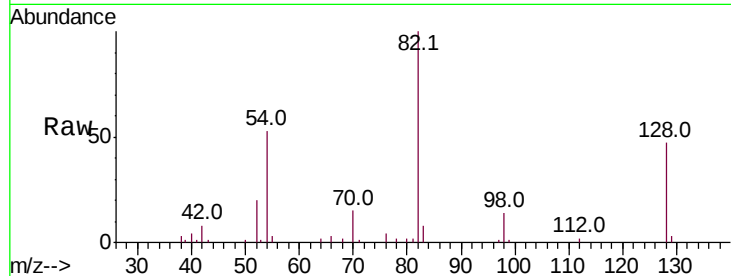




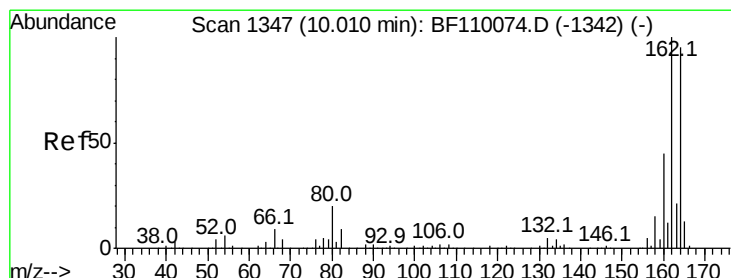
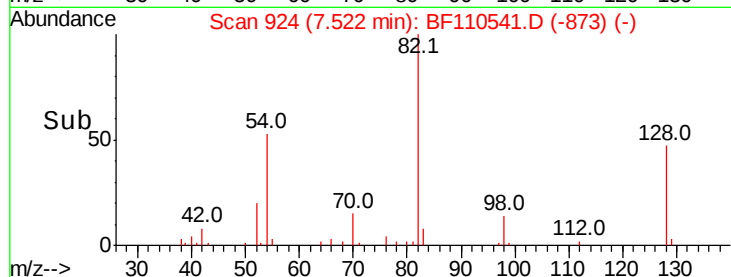
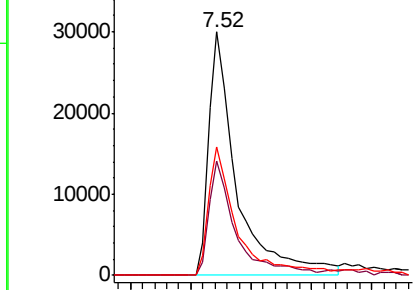
#23
Nitrobenzene-d5
Concen: 11.592 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Instrument :
BNA_F
ClientSampled :
SP-D

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

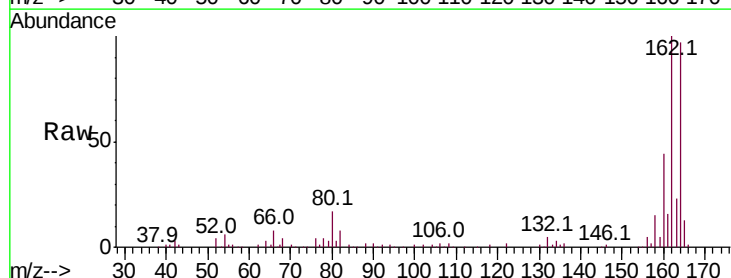


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

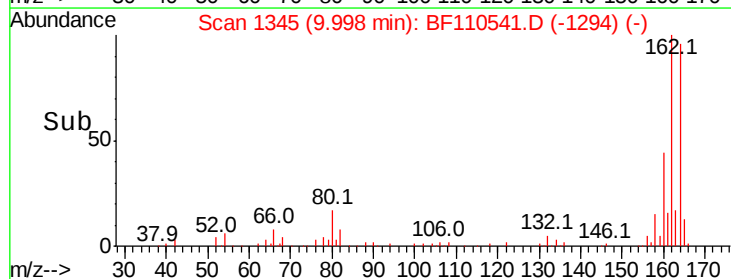
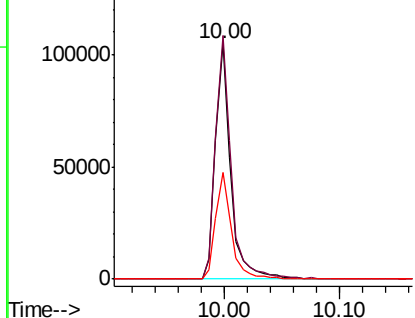


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Tgt 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

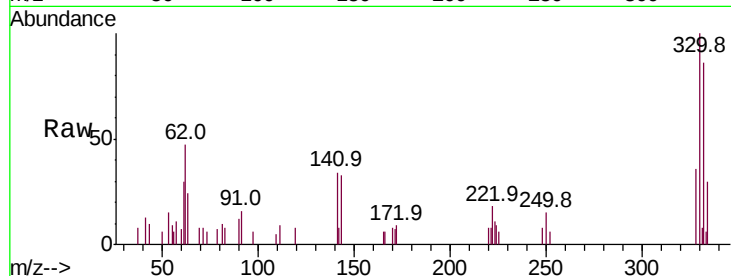




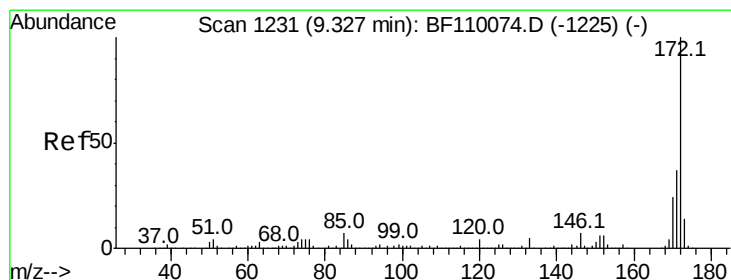
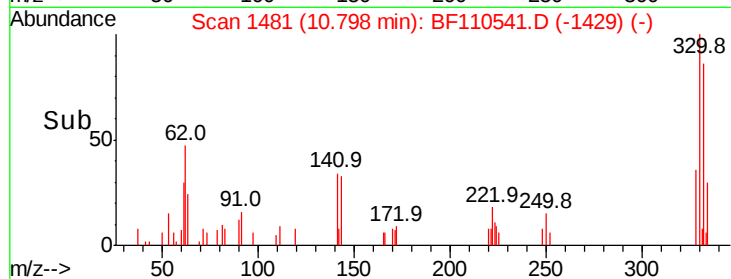
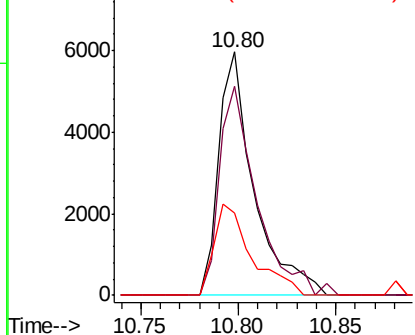
#42
 2,4,6-Tribromophenol
 Concen: 7.836 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF110541.D
 Acq: 7 Nov 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.8	77.1	115.7
141	39.8	27.0	40.4

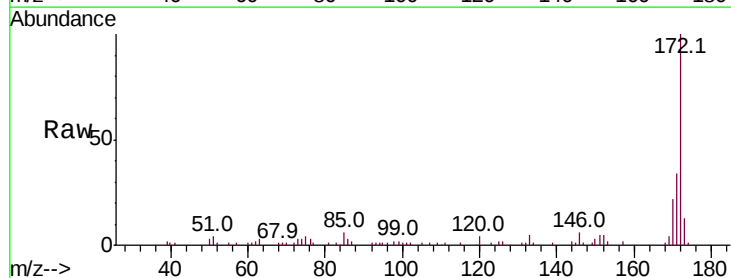


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

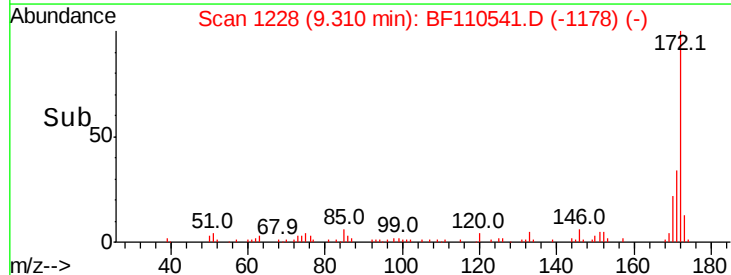
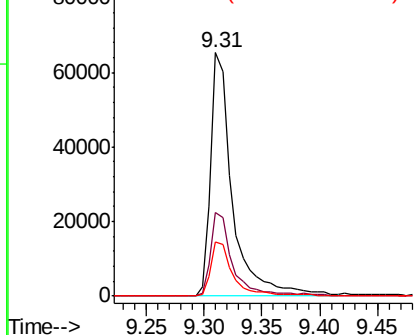


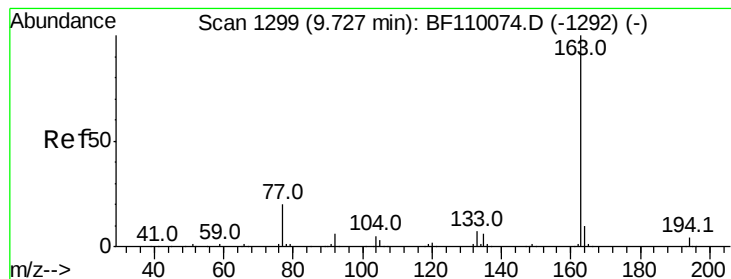
#45
 2-Fluorobiphenyl
 Concen: 14.046 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110541.D
 Acq: 7 Nov 2018 3:04

Tgt 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: 2.278 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

SP-D

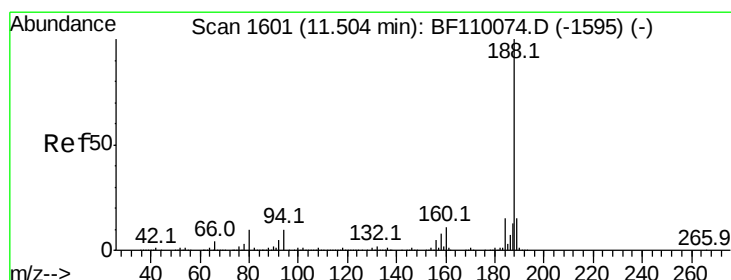
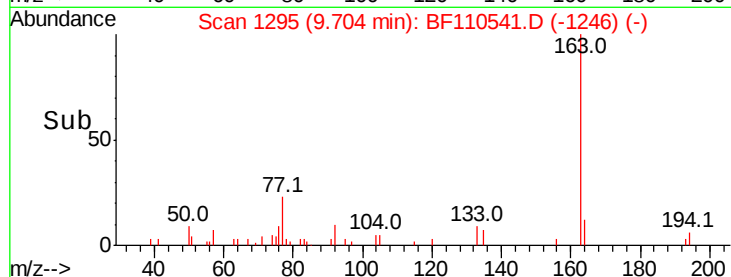
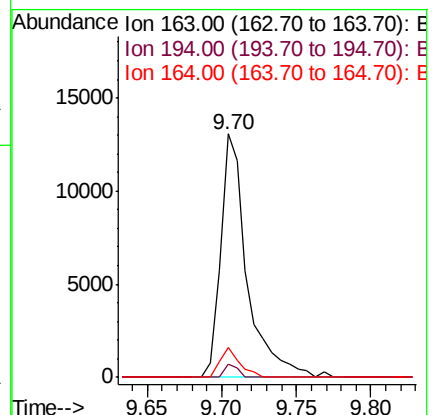
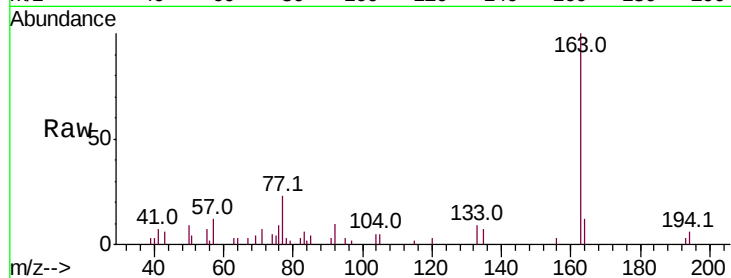
Tot Ion:163 Resp: 16249

Ion Ratio Lower Upper

163 100

194 5.6 3.2 4.8#

164 12.3 8.1 12.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

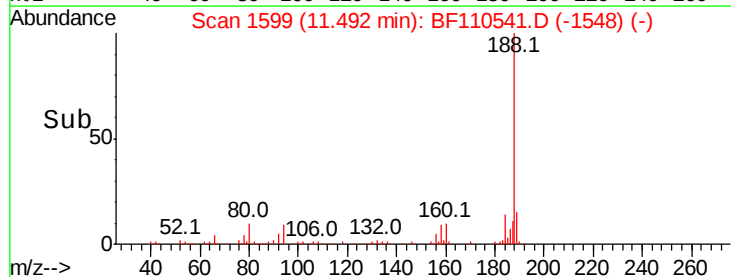
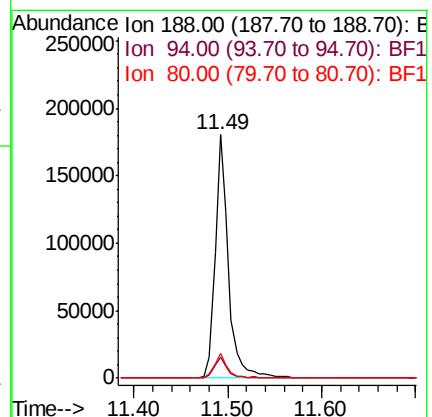
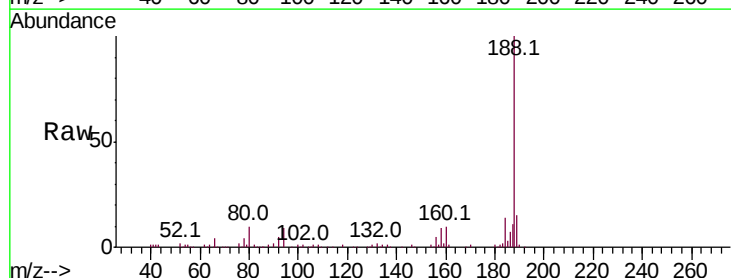
Tgt Ion:188 Resp: 180602

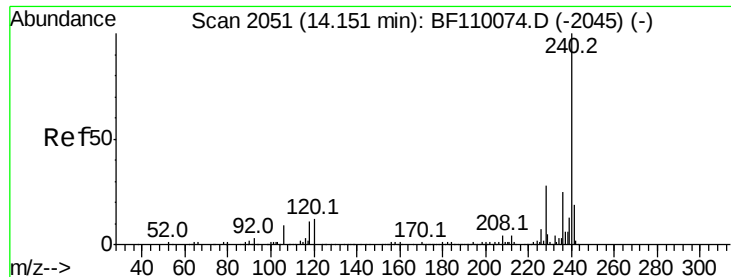
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.0 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

SP-D

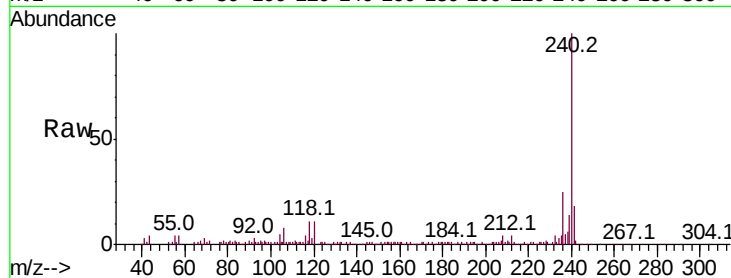
Tot Ion:240 Resp: 124253

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

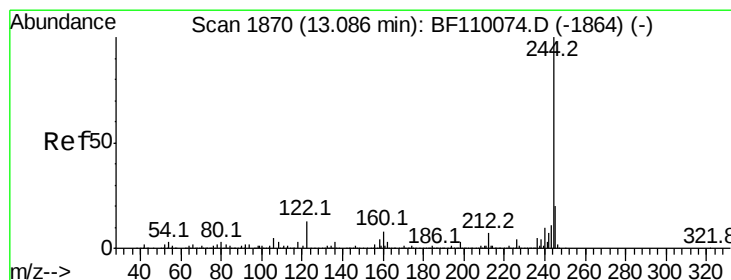
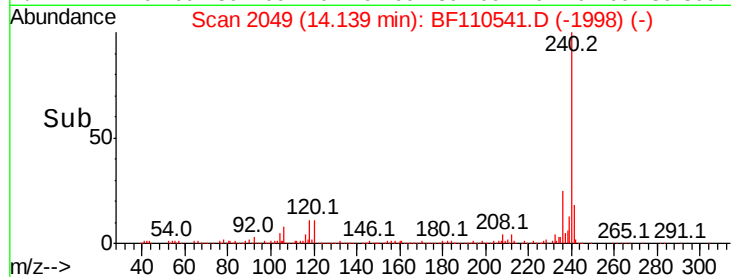
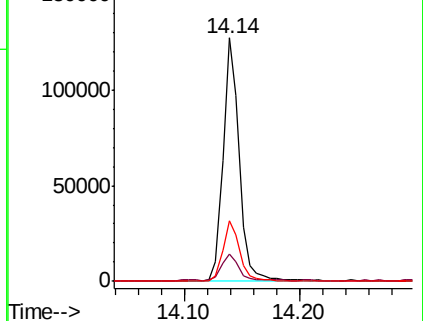
236 24.7 21.2 31.8



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: 13.413 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110541.D

Acq: 7 Nov 2018 3:04

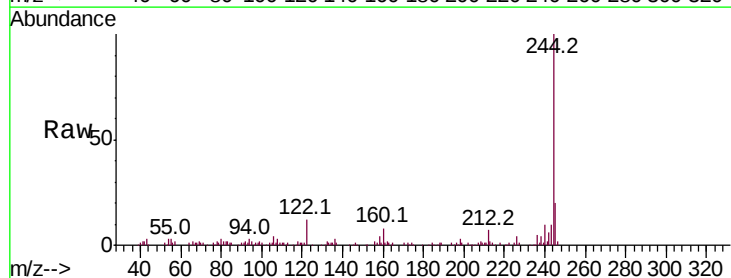
Tgt Ion:244 Resp: 80138

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

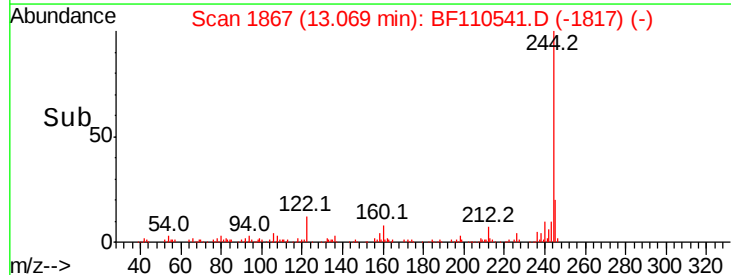
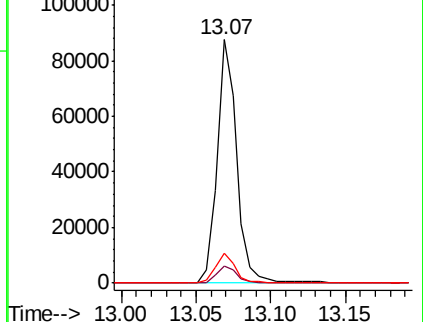
122 12.5 8.7 13.1

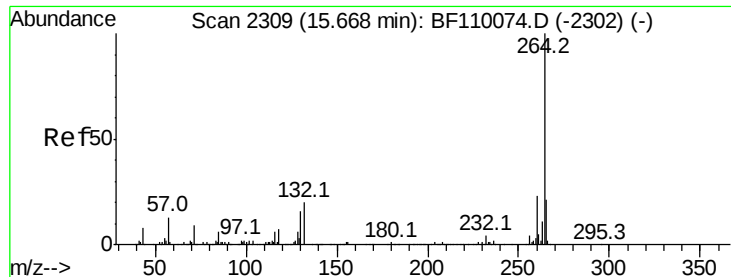


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



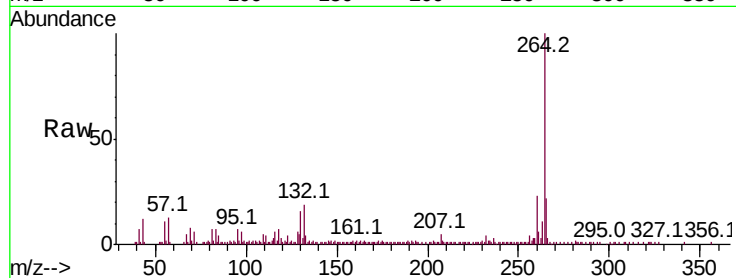


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110541.D
Acq: 7 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :
SP-D

Tot 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

