

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110829.D
 Acq On : 16 Nov 2018 20:55
 Operator : JU/SJ
 Sample : J5975-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Quant Time: Nov 16 23:28:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

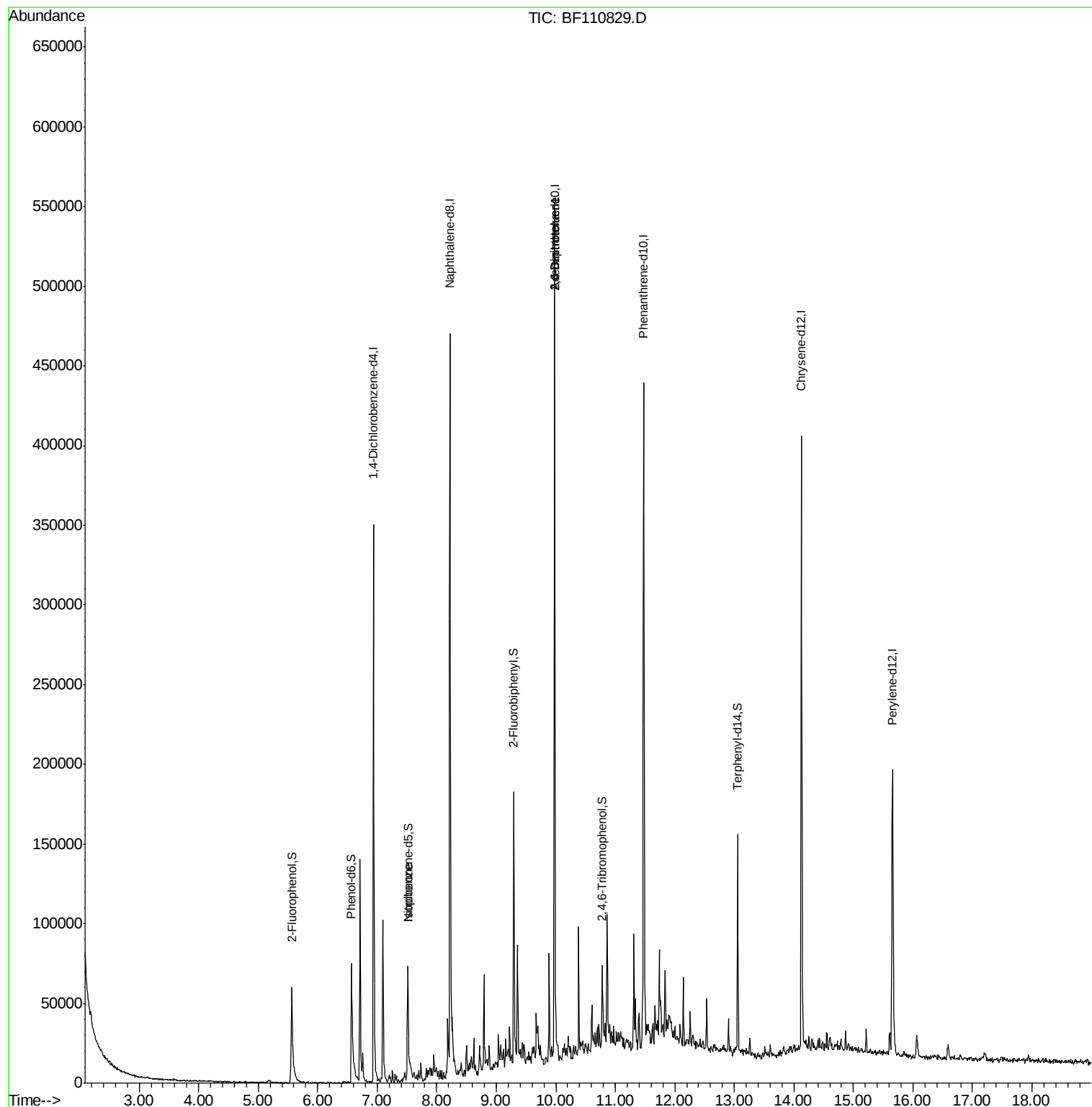
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57836	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	241933	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	109749	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	174009	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	142954	20.00	ng	-0.01
87) Perylene-d12	15.66	264	106684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	38737	10.88	ng	0.00
7) Phenol-d6	6.57	99	50562	11.10	ng	0.00
23) Nitrobenzene-d5	7.51	82	30908	7.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	7601	6.87	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	67353	8.76	ng	-0.01
79) Terphenyl-d14	13.06	244	50979	6.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.71	77	924	Below Cal	Qvalue #	79
25) Isophorone	7.51	82	30908	4.489 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	13806	7.664 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	13806	5.894 ng	#	17

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

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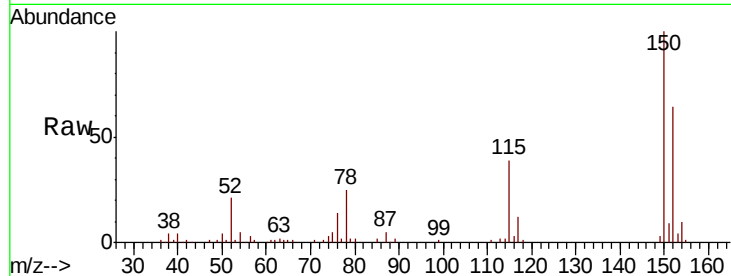




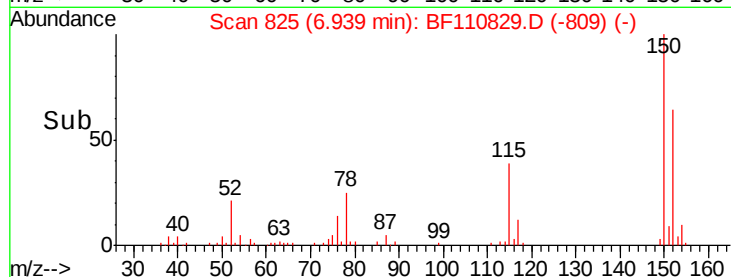
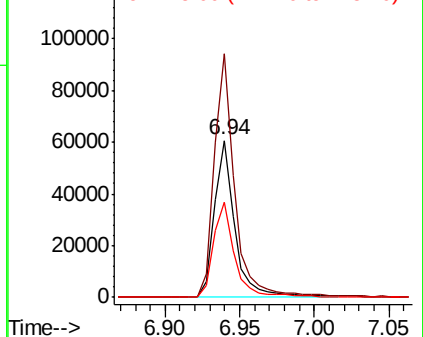
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Instrument :
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 ClientSampleId :
 VB44949

Tgt Ion:152 Resp: 57836
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.7 184.1
 115 60.7 49.1 73.7

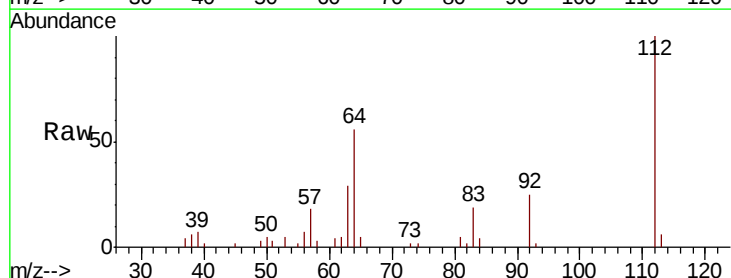


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

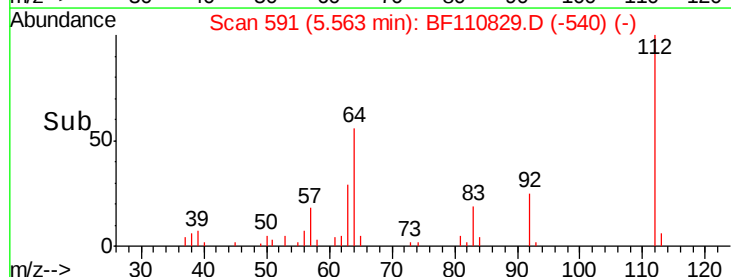
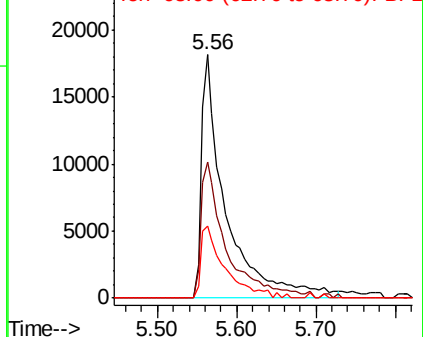


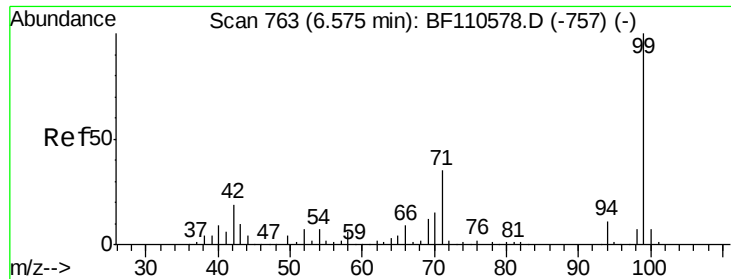
#5
 2-Fluorophenol
 Concen: 10.879 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Tgt Ion:112 Resp: 38737
 Ion Ratio Lower Upper
 112 100
 64 56.1 44.1 66.1
 63 29.5 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: 11.105 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

Instrument :

BNA_F

ClientSampleId :

VB44949

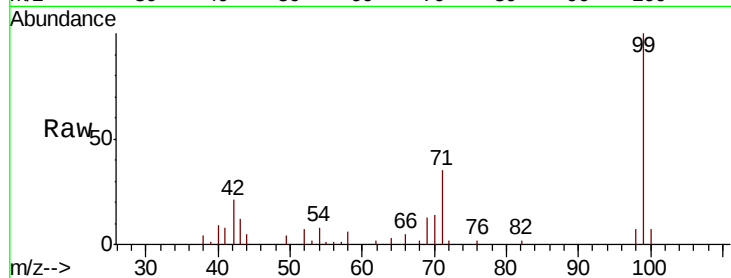
Tgt Ion: 99 Resp: 50562

Ion Ratio Lower Upper

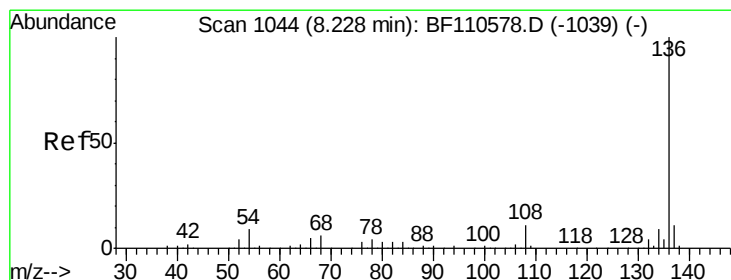
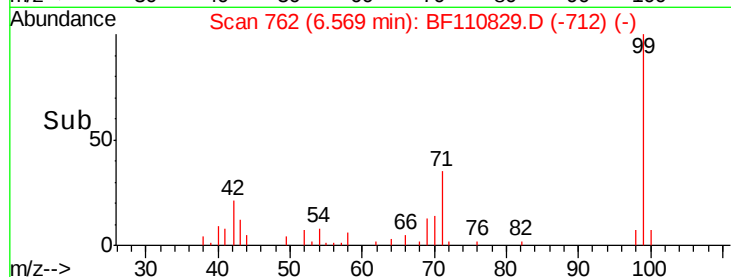
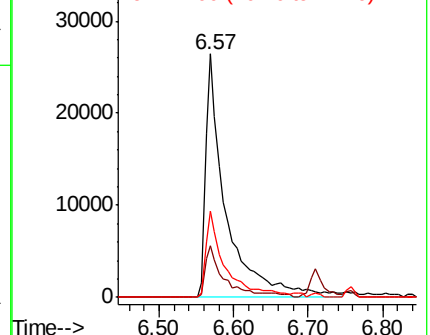
99 100

42 21.2 15.8 23.6

71 35.2 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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

Tgt Ion: 136 Resp: 241933

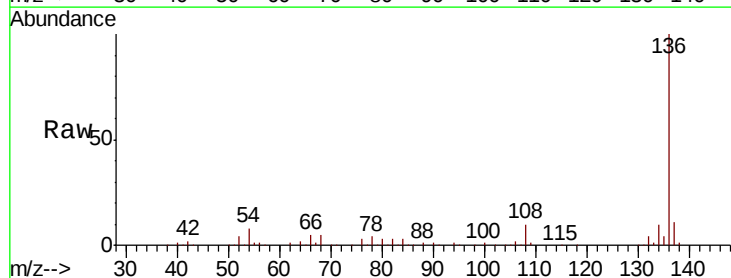
Ion Ratio Lower Upper

136 100

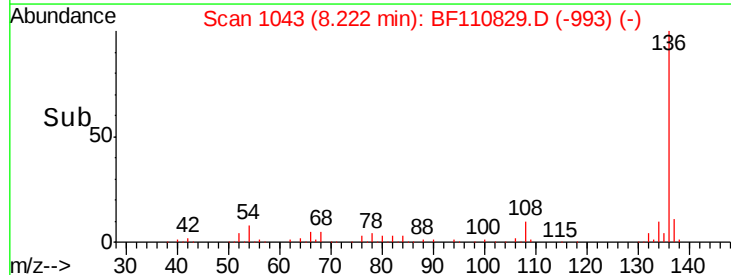
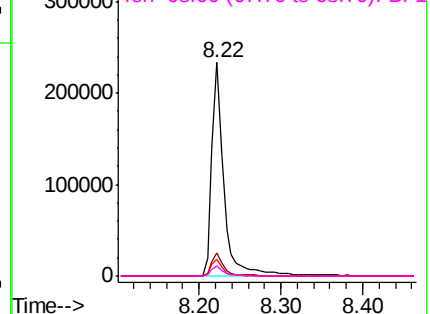
137 10.6 8.8 13.2

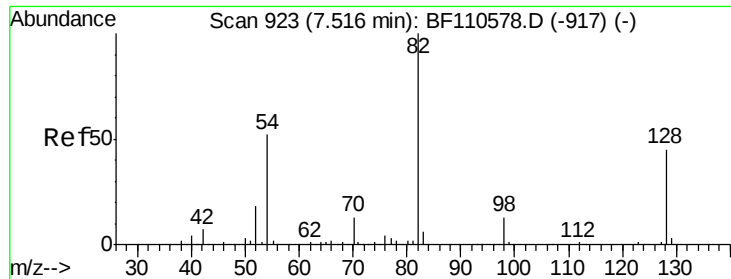
54 8.1 5.4 8.2

68 5.0 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

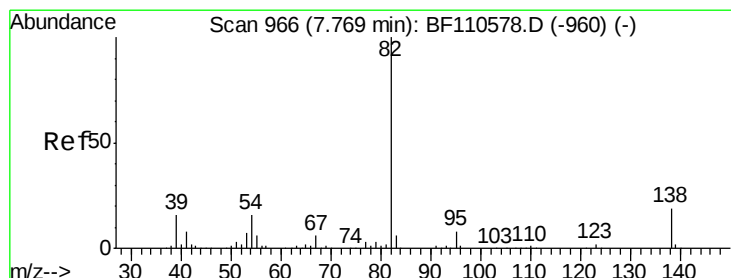
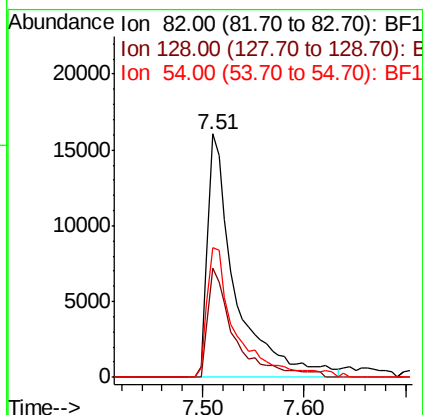
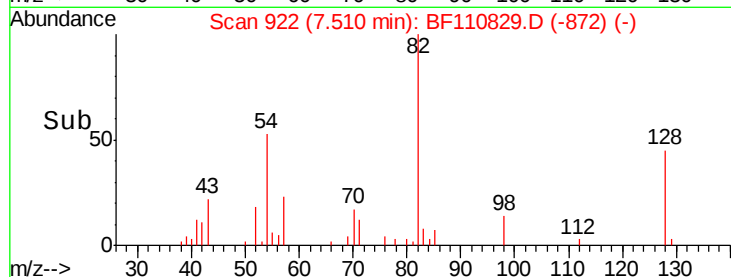
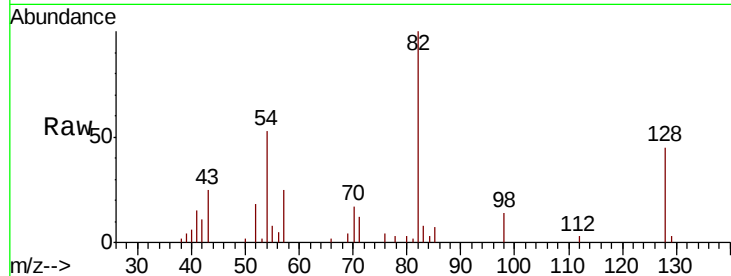




#23
Nitrobenzene-d5
Concen: 7.357 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

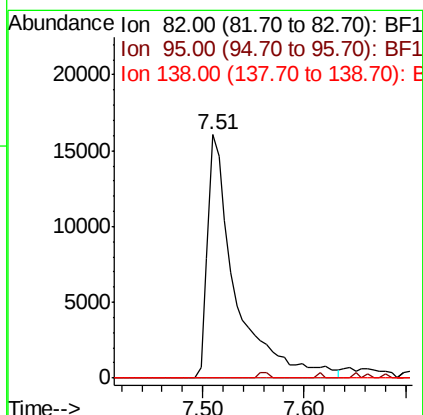
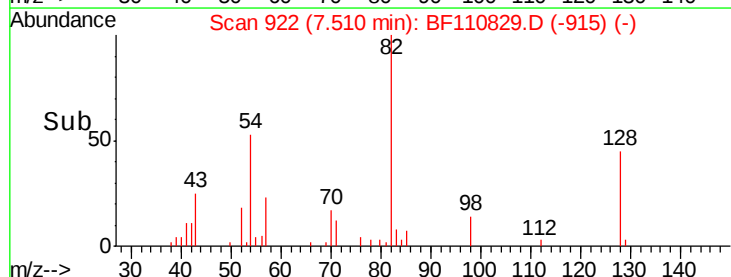
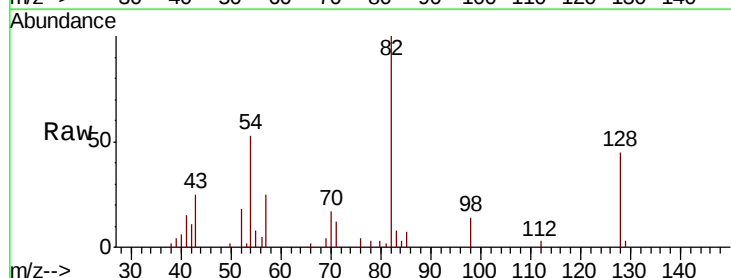
Instrument :
BNA_F
ClientSampleId :
VB44949

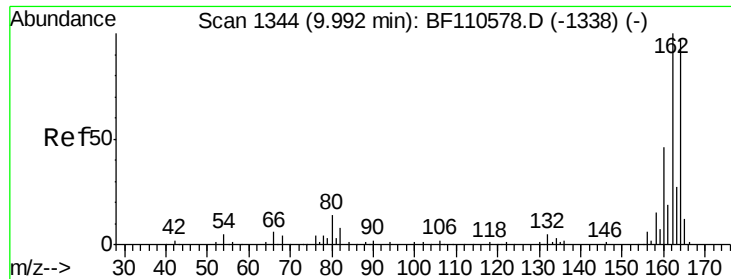
Tgt Ion: 82 Resp: 30908
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.2
54 53.4 38.6 58.0



#25
Isophorone
Concen: 4.489 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

Tgt Ion: 82 Resp: 30908
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

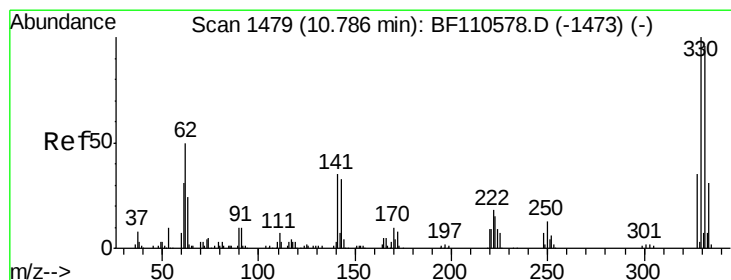
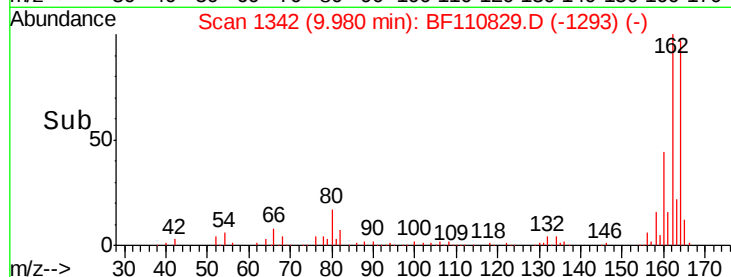
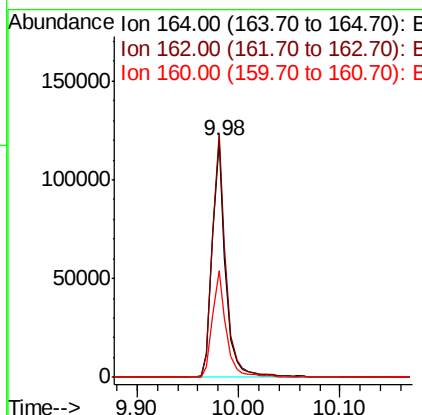
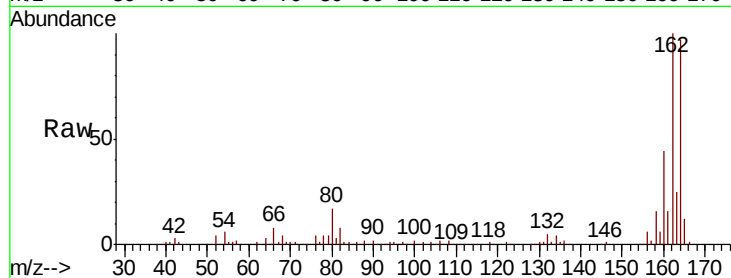




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

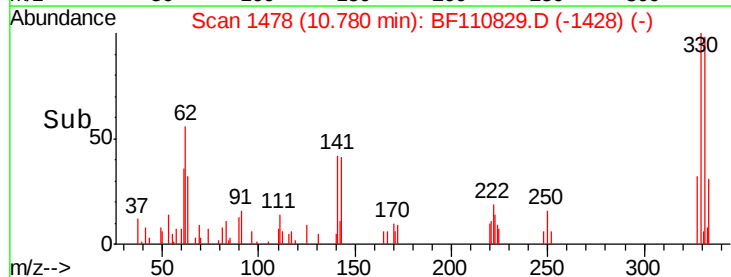
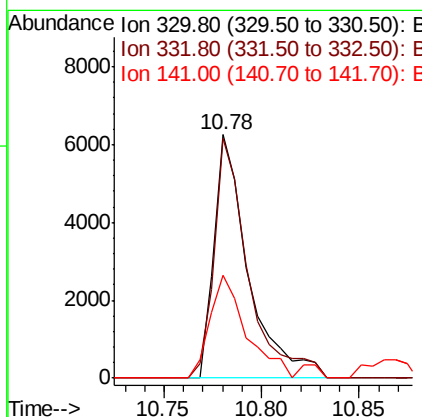
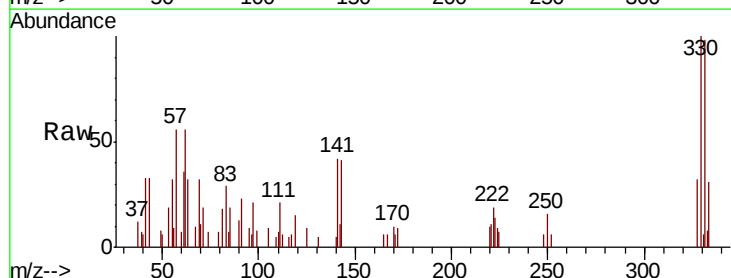
Instrument :
BNA_F
ClientSampleId :
VB44949

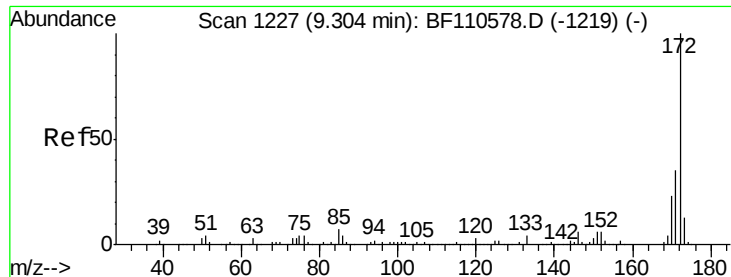
Tgt Ion:164 Resp: 109749
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 45.2 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 6.873 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

Tgt Ion:330 Resp: 7601
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 45.0 27.0 40.4#

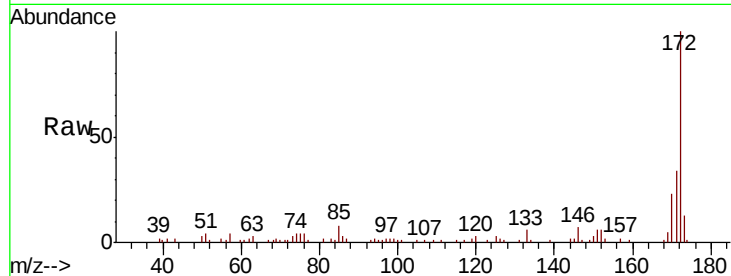




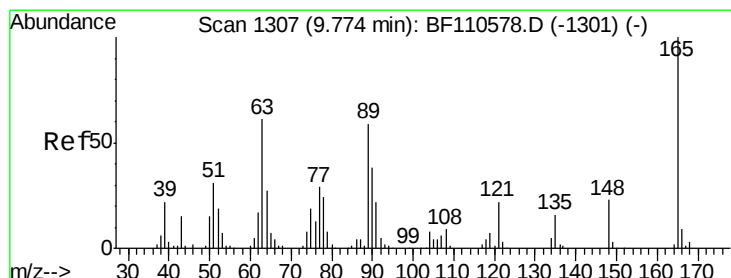
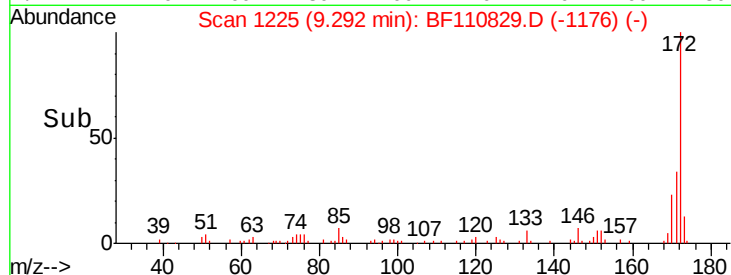
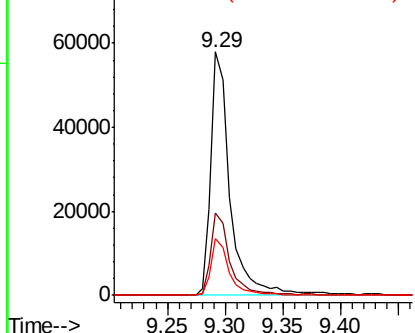
#45
 2-Fluorobiphenyl
 Concen: 8.765 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Tgt Ion:172 Resp: 67353
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 43.0
 170 23.4 19.7 29.5

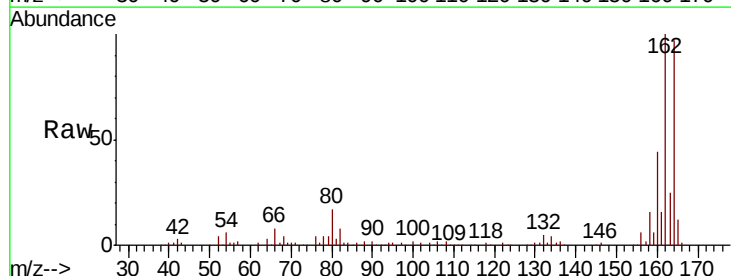


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

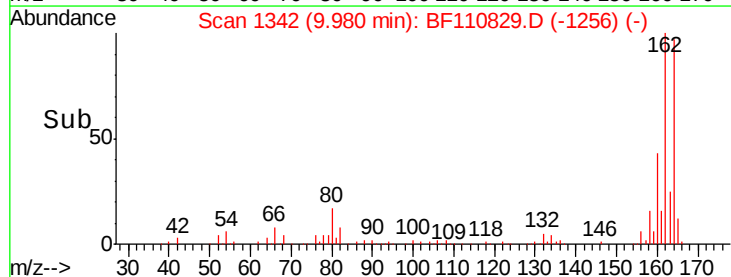
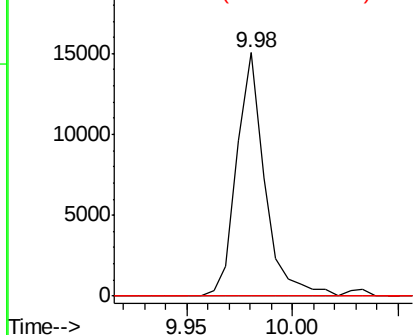


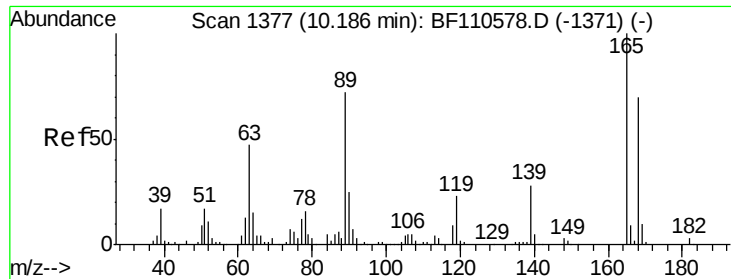
#51
 2,6-Dinitrotoluene
 Concen: 7.664 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Tgt Ion:165 Resp: 13806
 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

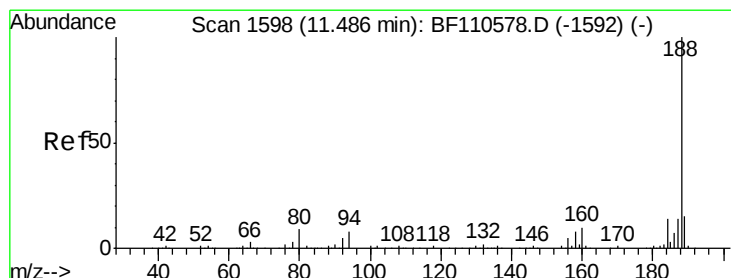
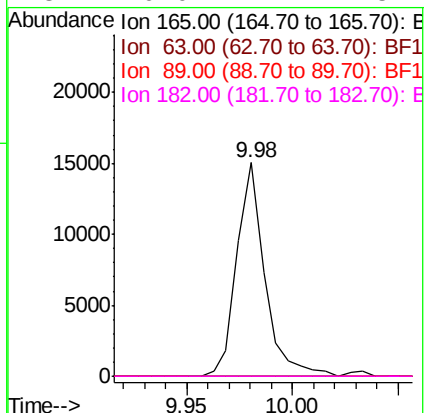
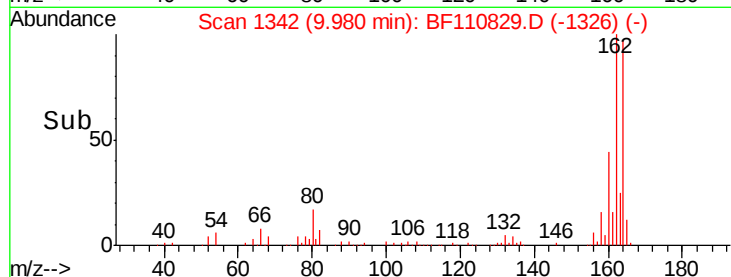
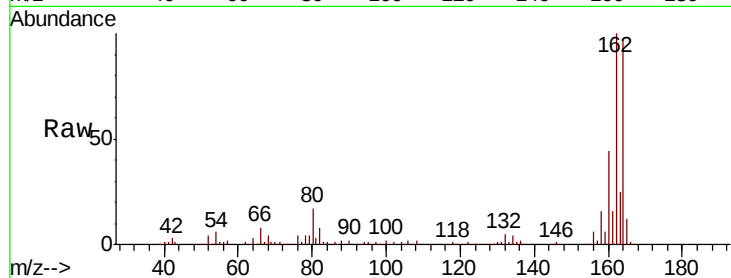




#57
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

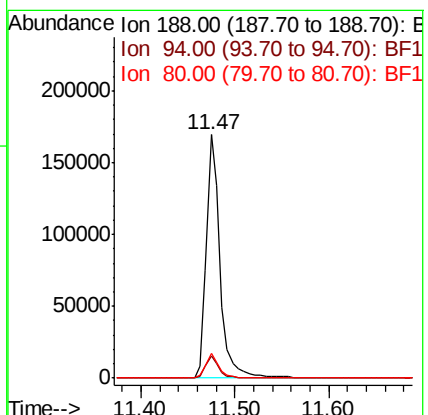
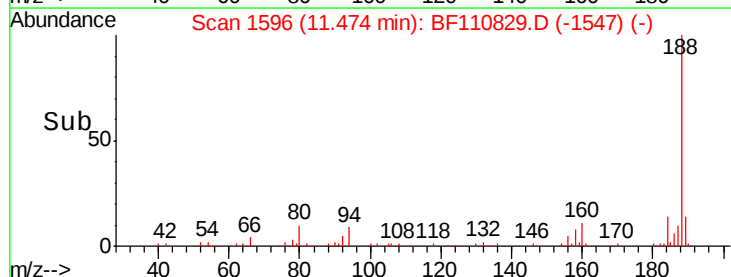
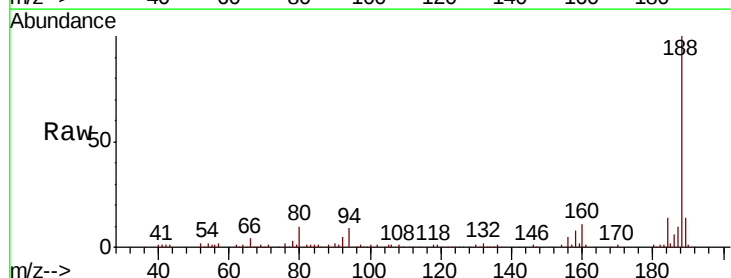
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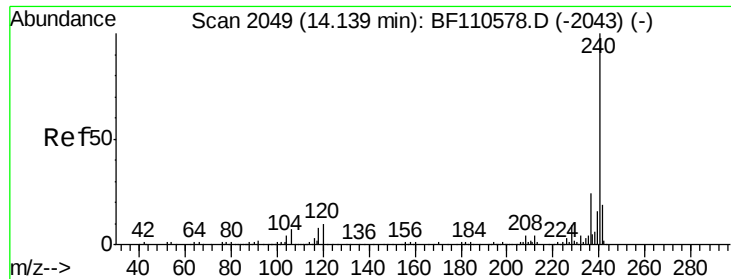
Tgt Ion:	165	Resp:	13806
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Tgt Ion:	188	Resp:	174009
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.0	7.9	11.9

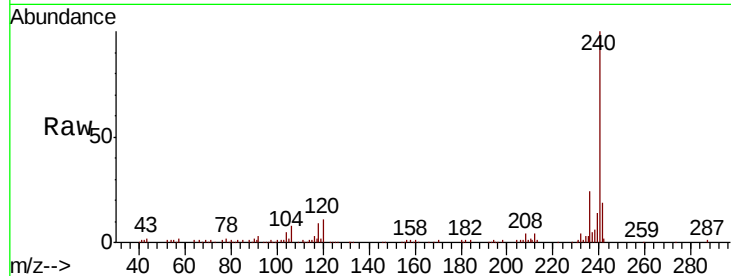




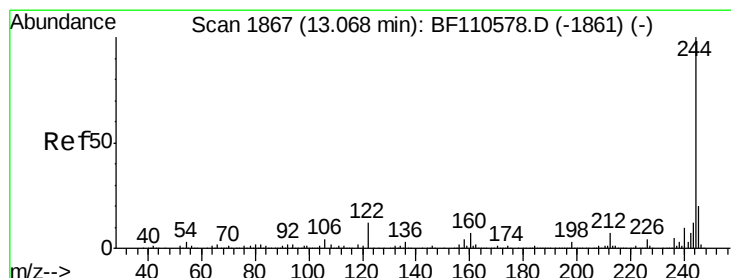
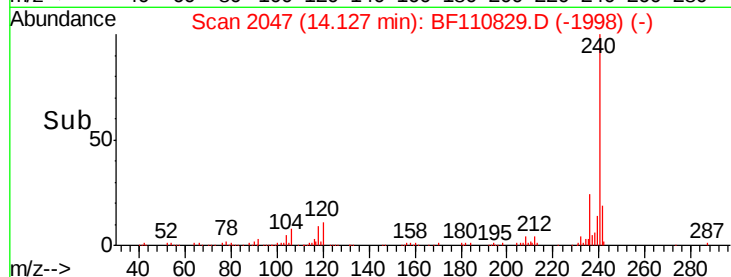
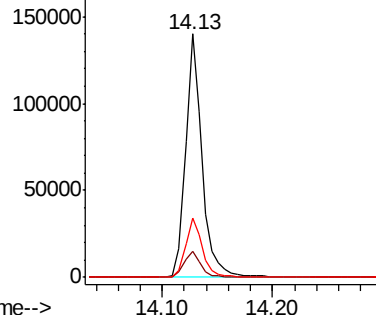
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

Instrument :
BNA_F
ClientSampleId :
VB44949

Tgt Ion:240 Resp: 142954
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 24.2 21.2 31.8

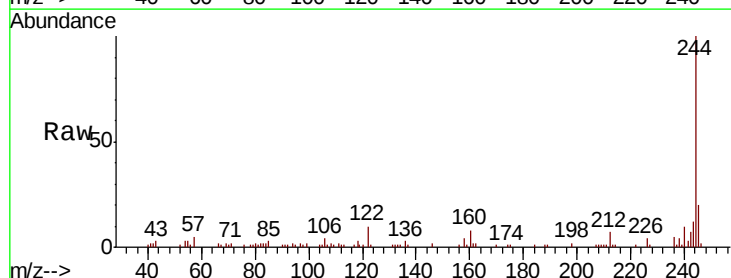


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

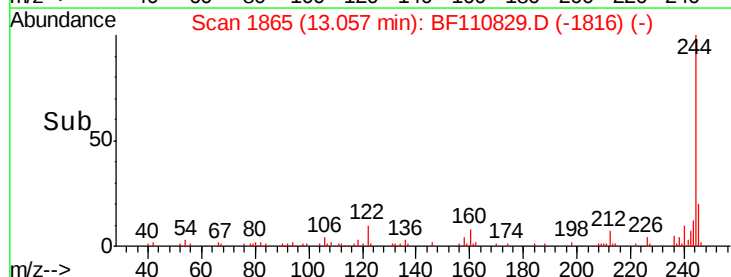
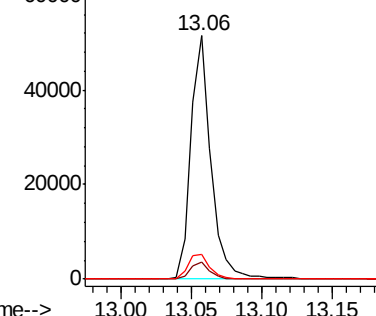


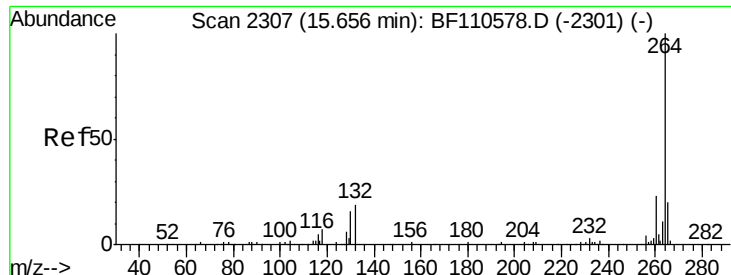
#79
Terphenyl-d14
Concen: 6.678 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

Tgt Ion:244 Resp: 50979
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.9 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

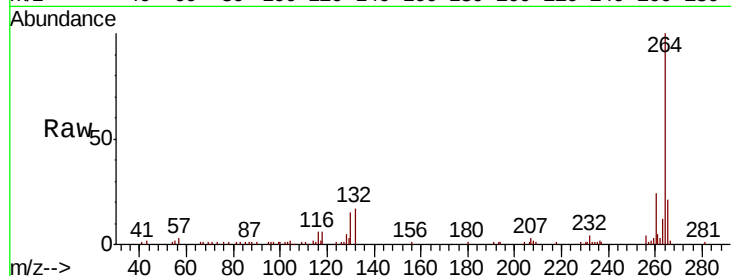




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110829.D
Acq: 16 Nov 2018 20:55

Instrument :
BNA_F
ClientSampleId :
VB44949

Tgt Ion: 264 Resp: 106684
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.2 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

