

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110283.D
 Acq On : 30 Oct 2018 00:54
 Operator : JU/SJ
 Sample : J5194-11 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:49:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

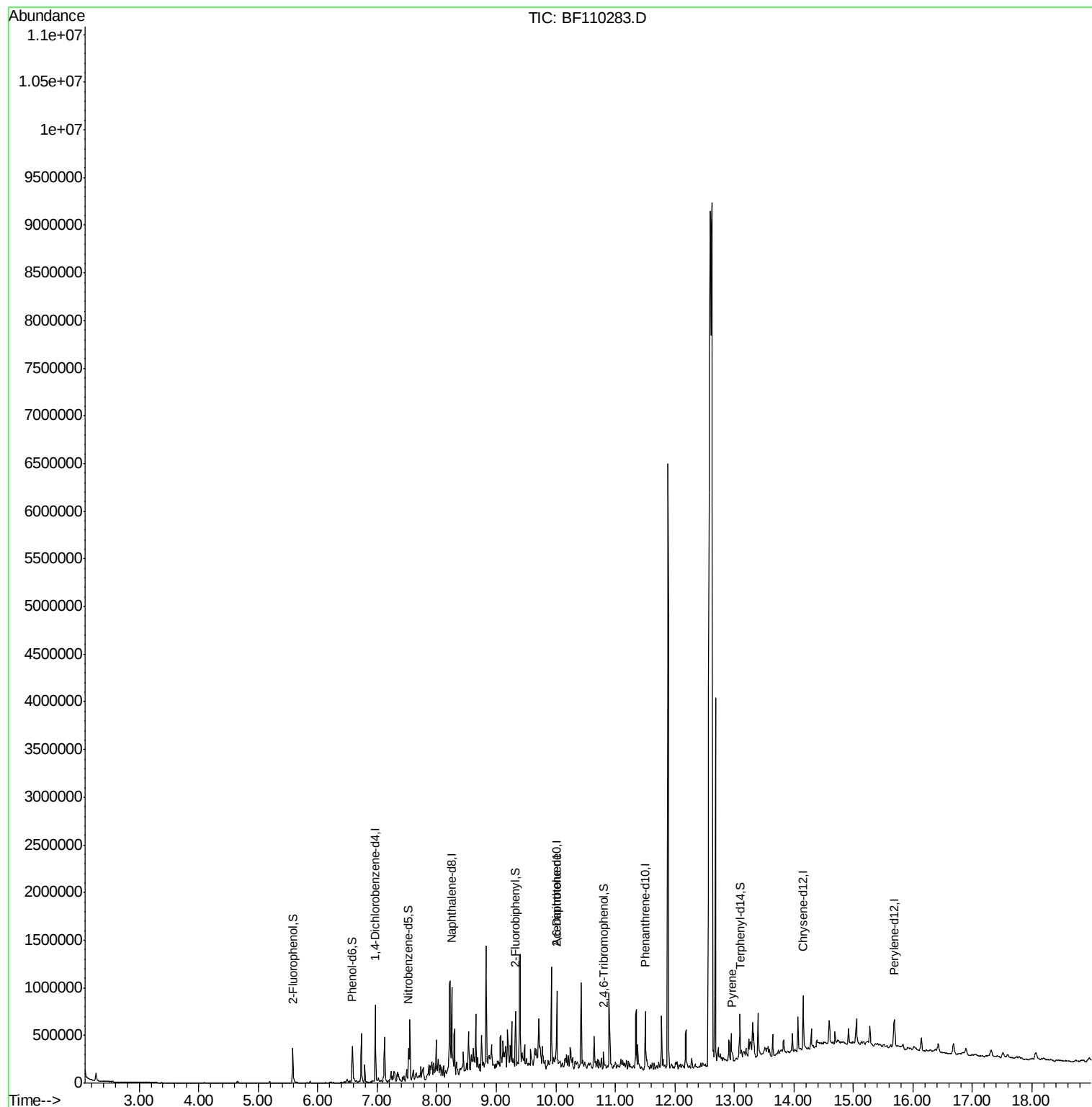
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	104659	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	390879	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	148262	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	231797	20.00	ng	0.00
76) Chrysene-d12	14.16	240	172220	20.00	ng	0.00
87) Perylene-d12	15.69	264	119528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	118839	18.49	ng	0.00
7) Phenol-d6	6.58	99	150271	18.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	90010	13.66	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	17980	12.24	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	175676	18.61	ng	0.00
79) Terphenyl-d14	13.09	244	135114	16.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	500	Below Cal	#	1
51) 2,6-Dinitrotoluene	10.02	165	21950	9.311 ng	#	25
77) Benzidine	12.83	184	161	Below Cal	#	1
78) Pyrene	12.96	202	27631	2.238 ng		97

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

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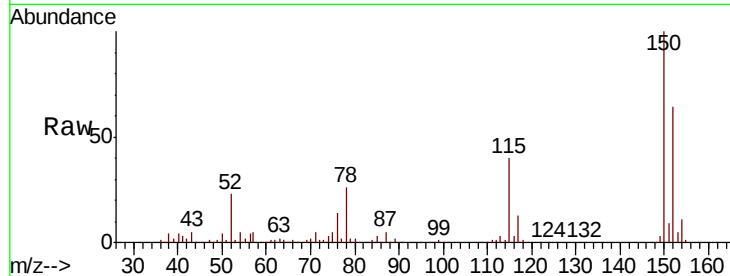


#1

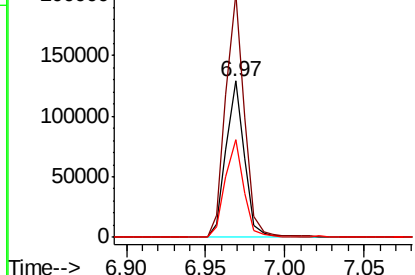
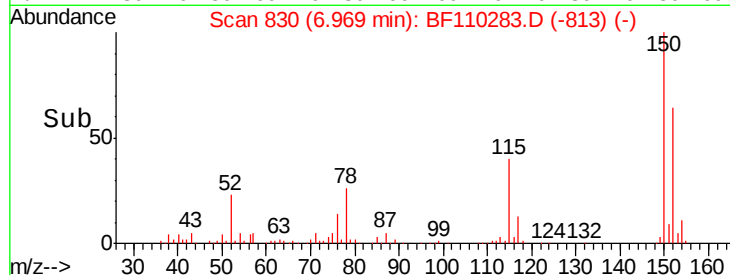
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104659
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 62.2 49.1 73.7



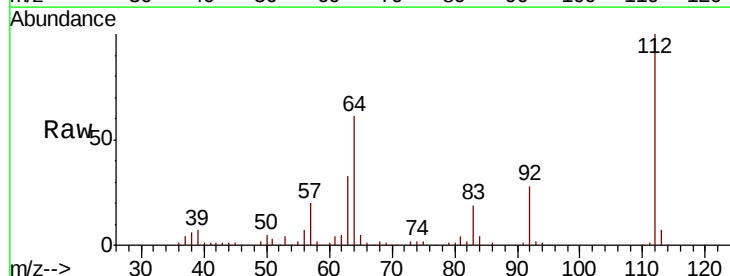
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



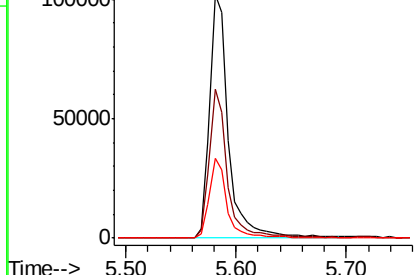
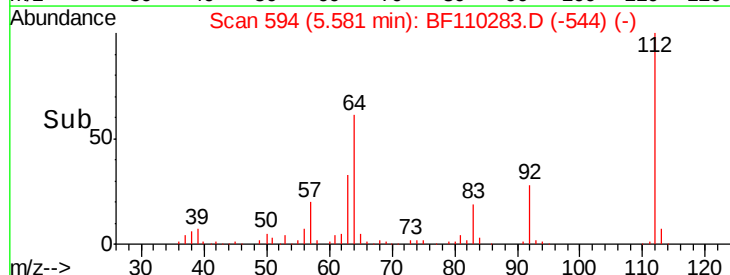
#5

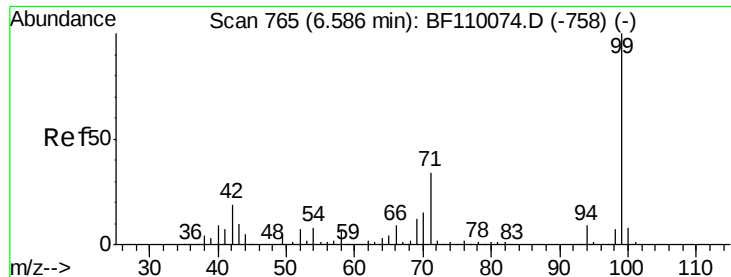
2-Fluorophenol
Concen: 18.491 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:112 Resp: 118839
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 32.9 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: 18.280 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110283.D

Acq: 30 Oct 2018 00:54

Instrument :

BNA_F

ClientSampleId :

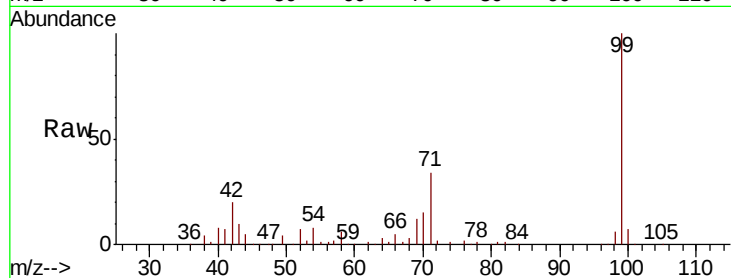
Tot Ion: 99 Resp: 150271

Ion Ratio Lower Upper

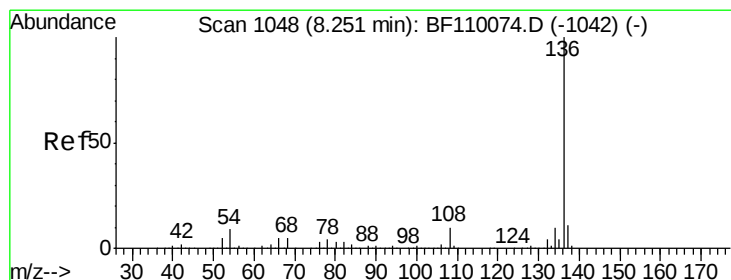
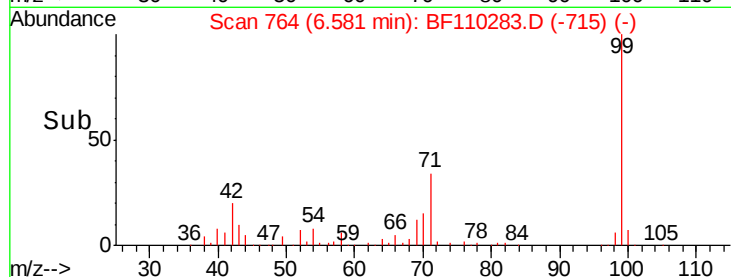
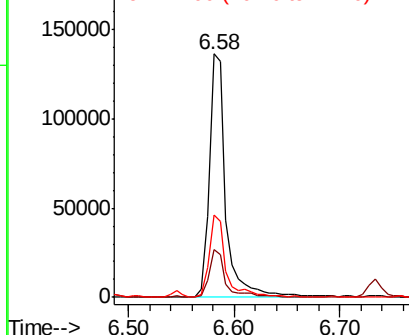
99 100

42 19.5 15.8 23.6

71 33.9 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: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110283.D

Acq: 30 Oct 2018 00:54

Tgt Ion: 136 Resp: 390879

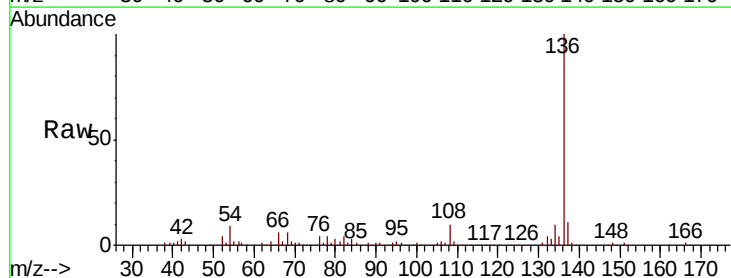
Ion Ratio Lower Upper

136 100

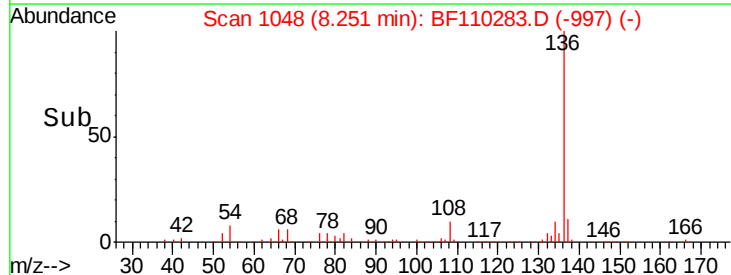
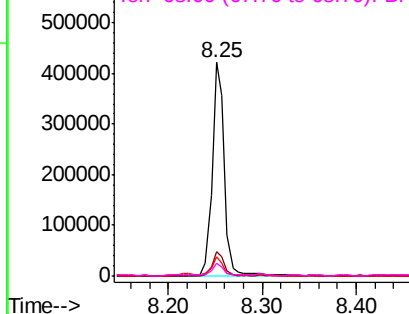
137 11.2 8.8 13.2

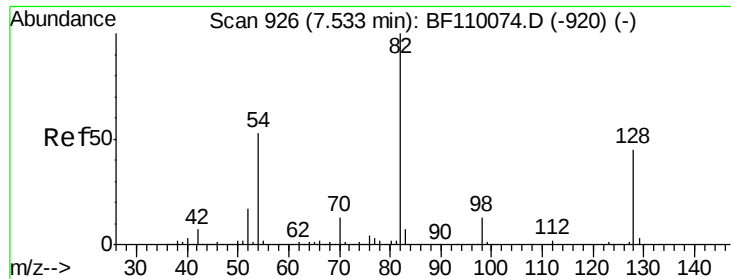
54 8.7 5.4 8.2#

68 5.9 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

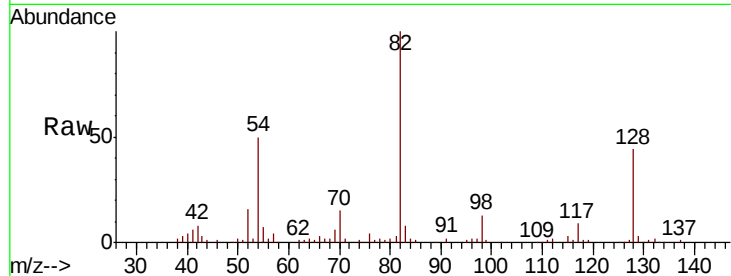




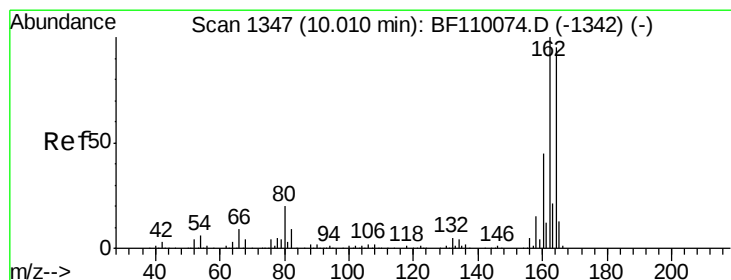
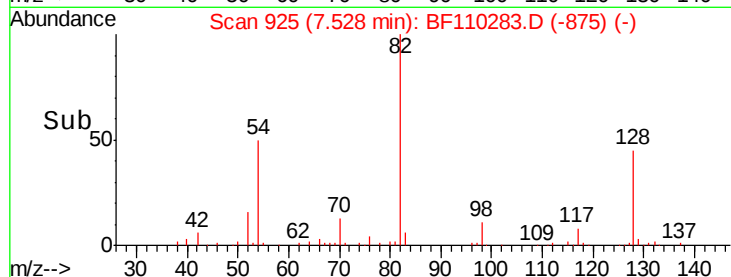
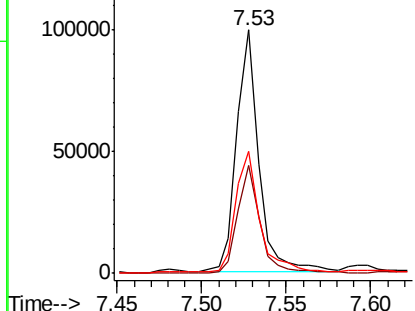
#23
Nitrobenzene-d5
Concen: 13.658 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	90010
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.2	51.2
54	50.3	38.6	58.0

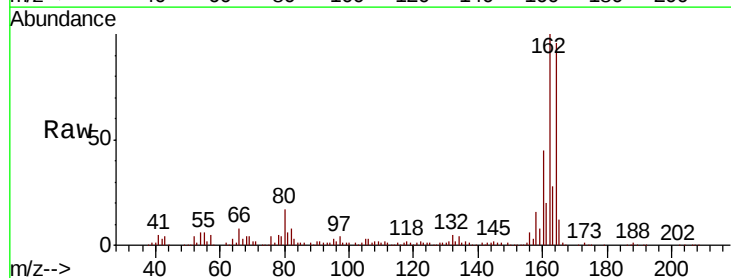


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

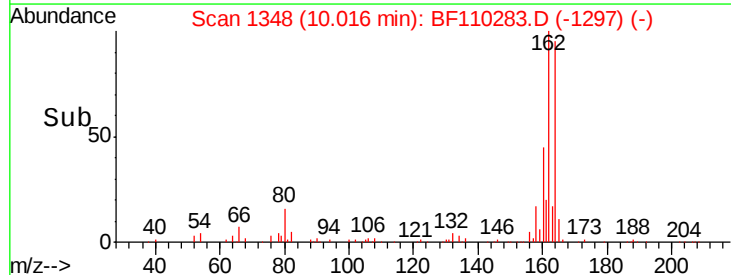
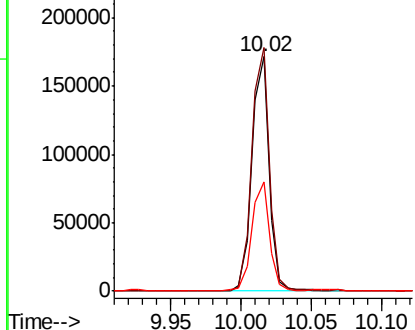


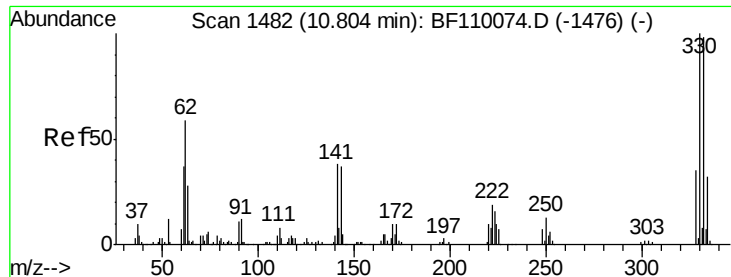
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion	164	Resp	148262
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.0	124.6
160	46.9	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: 12.243 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110283.D

Acq: 30 Oct 2018 00:54

Instrument :

BNA_F

ClientSampleId :

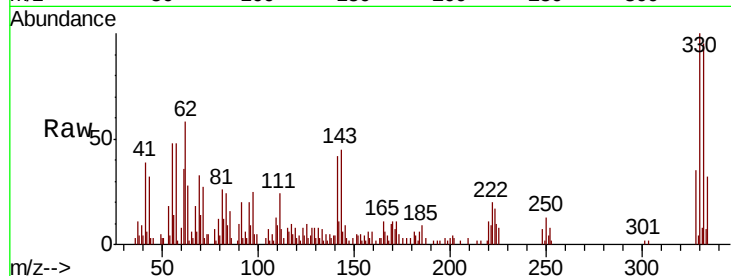
Tot Ion:330 Resp: 17980

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

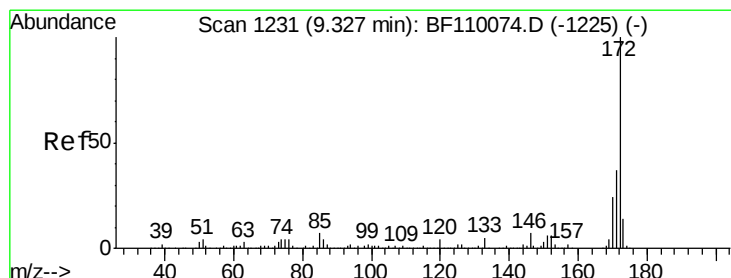
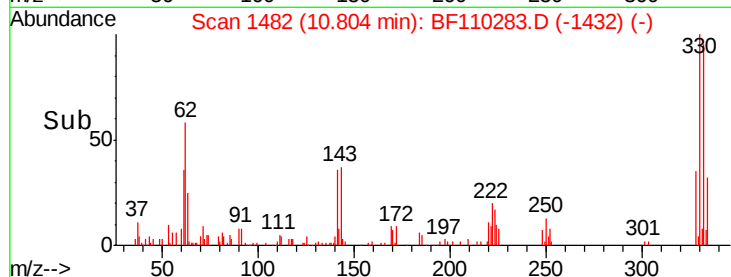
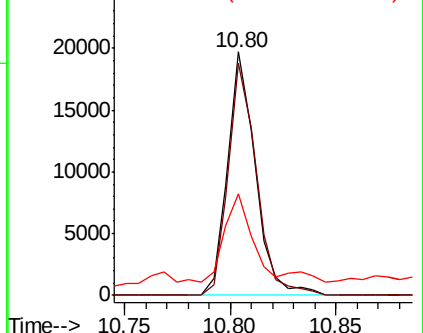
141 39.1 27.0 40.4



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: 18.606 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF110283.D

Acq: 30 Oct 2018 00:54

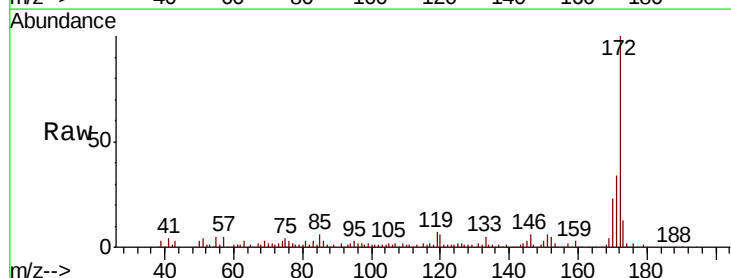
Tgt Ion:172 Resp: 175676

Ion Ratio Lower Upper

172 100

171 34.3 28.6 43.0

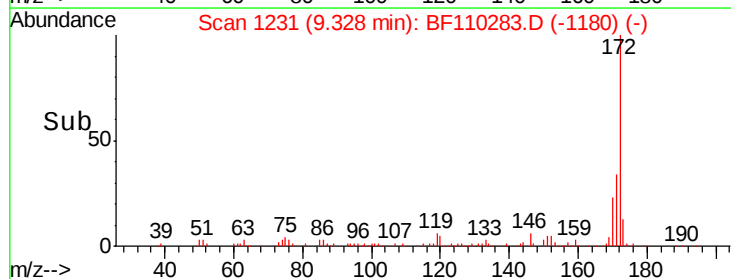
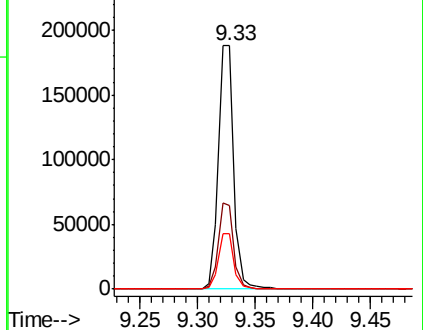
170 23.0 19.7 29.5

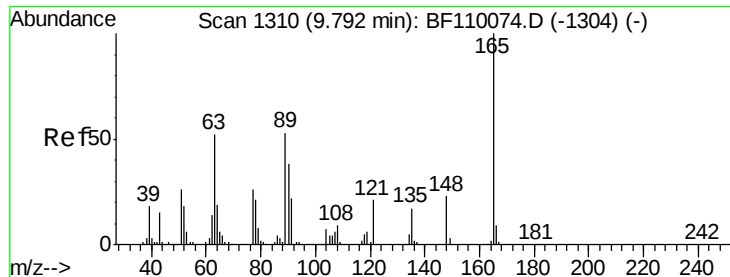


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

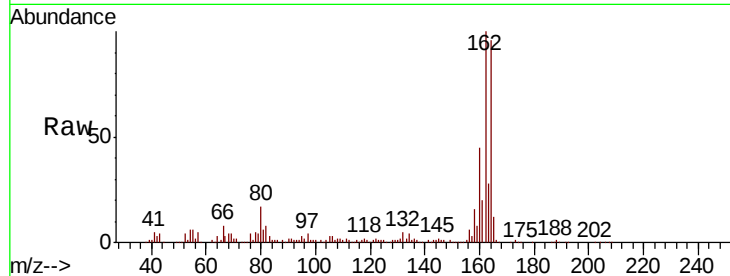




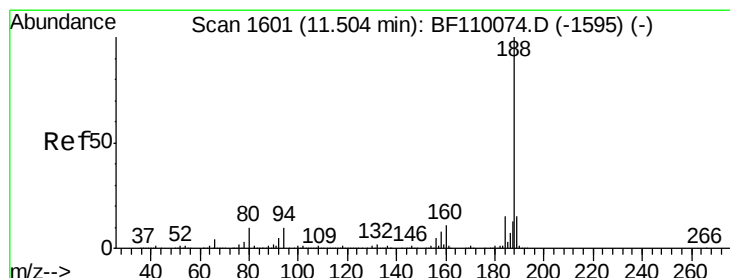
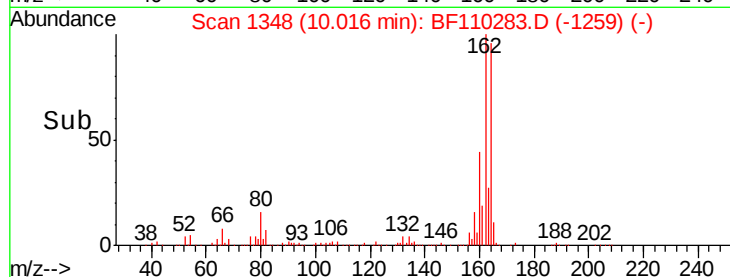
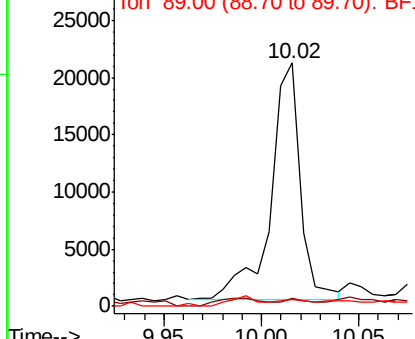
#51
2,6-Dinitrotoluene
Concen: 9.311 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 21950
Ion Ratio Lower Upper
165 100
63 3.3 48.9 73.3#
89 2.9 46.6 69.8#

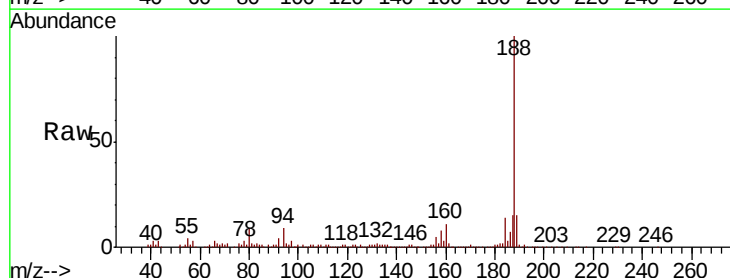


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

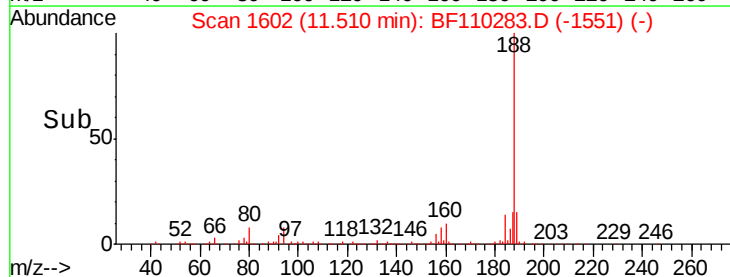
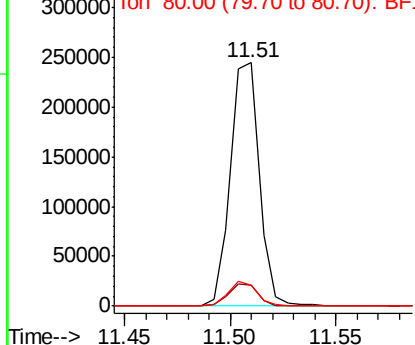


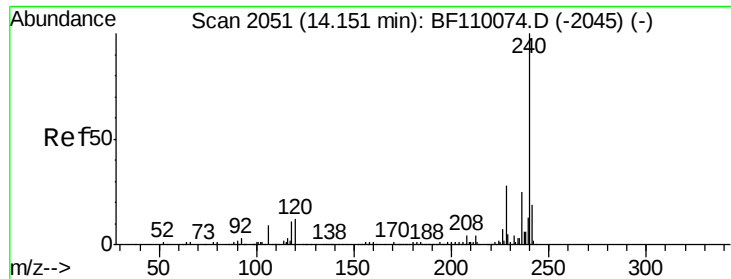
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:188 Resp: 231797
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.5 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

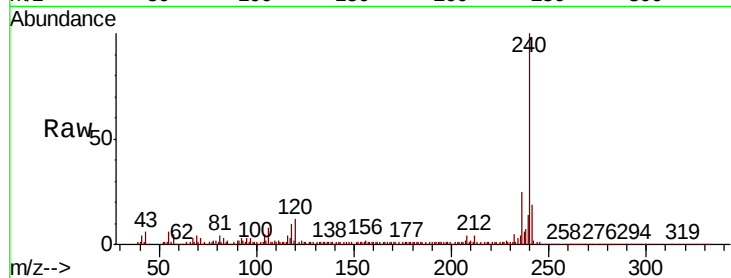




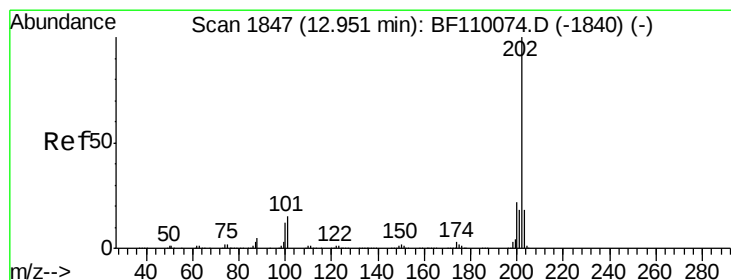
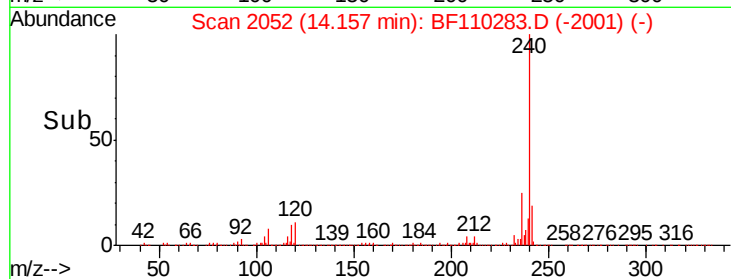
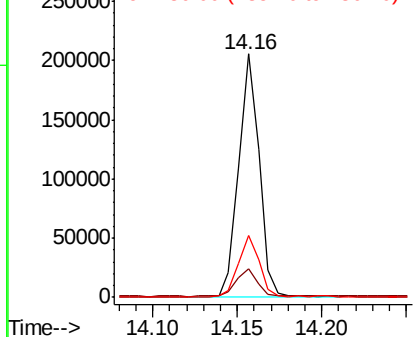
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 172220
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.5 21.2 31.8

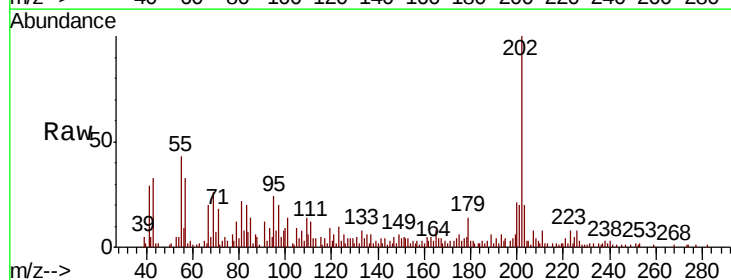


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

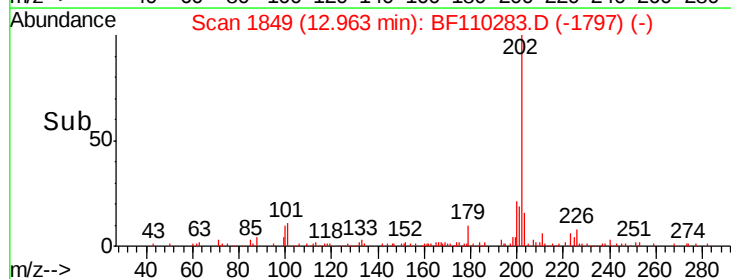
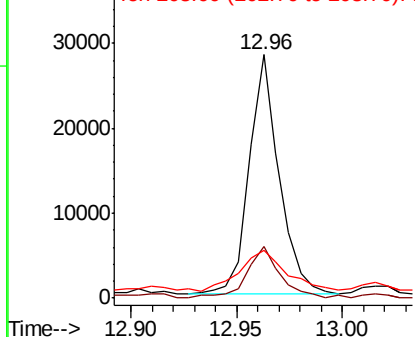


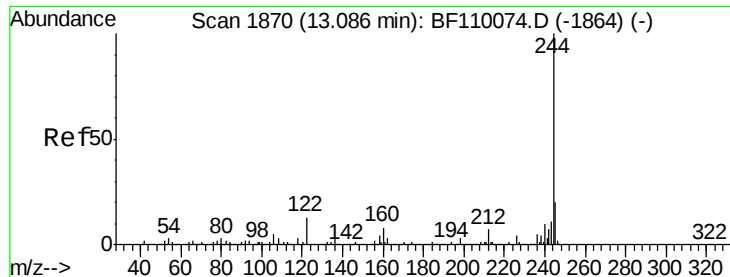
#78
Pyrene
Concen: 2.238 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:202 Resp: 27631
Ion Ratio Lower Upper
202 100
200 21.4 17.8 26.6
203 19.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

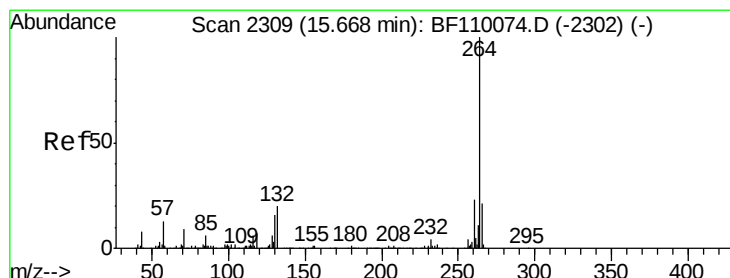
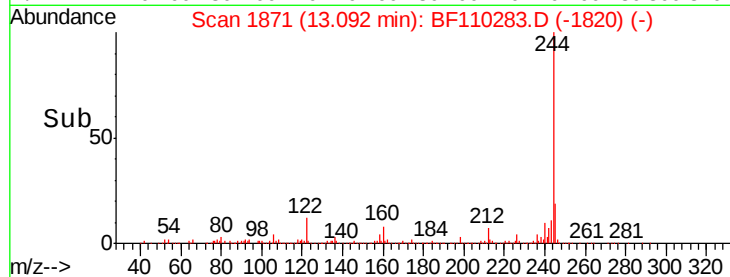
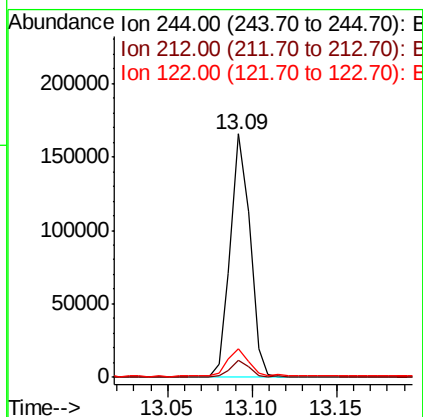
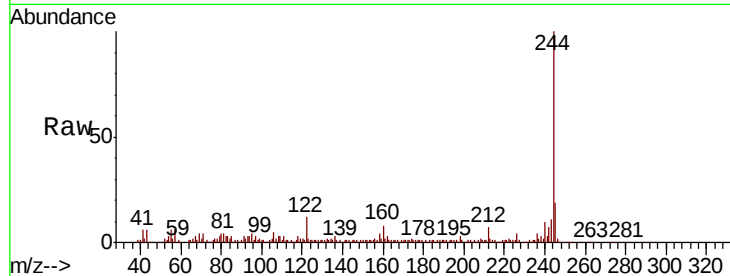




#79
 Terphenyl-d14
 Concen: 16.316 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110283.D
 Acq: 30 Oct 2018 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 135114
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF110283.D
 Acq: 30 Oct 2018 00:54

Tgt Ion:264 Resp: 119528
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.8 16.7 25.1

