

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111101.D
 Acq On : 29 Nov 2018 20:10
 Operator : JU/SJ
 Sample : J6084-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-SFVP8283LMRE

Quant Time: Nov 30 03:45:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57168	20.00	ng	0.02
21) Naphthalene-d8	8.22	136	231851	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	95966	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	143170	20.00	ng	0.00
76) Chrysene-d12	14.13	240	133301	20.00	ng	0.00
87) Perylene-d12	15.67	264	93074	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	29528	8.57	ng	0.08
7) Phenol-d6	6.66	99	16380	3.65	ng	0.09
23) Nitrobenzene-d5	7.52	82	47329	11.68	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	5506	5.78	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	82767	12.50	ng	0.00
79) Terphenyl-d14	13.05	244	64049	9.35	ng	0.00

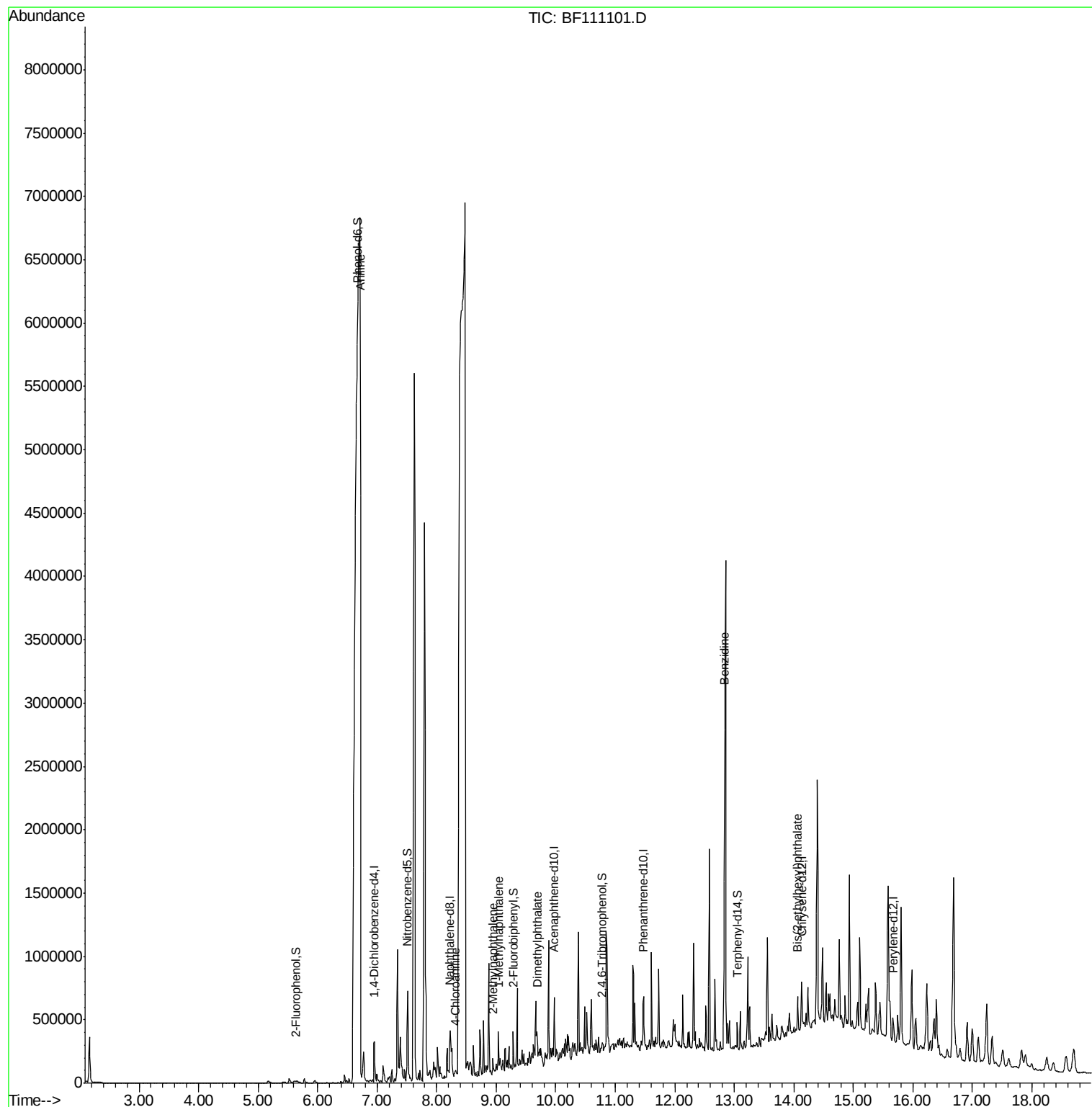
Target Compounds						Qvalue	
6) Aniline	6.72	93	14556497	2621.058	ng	#	58
33) 4-Chloroaniline	8.31	127	16431	3.552	ng	#	78
37) 2-Methylnaphthalene	8.94	142	31333	4.365	ng		97
38) 1-Methylnaphthalene	9.04	142	20024	2.868	ng	#	94
50) Dimethylphthalate	9.68	163	35628	5.062	ng		99
77) Benzidine	12.83	184	168525	49.427	ng	#	71
84) Bis(2-ethylhexyl)phthalate	14.06	149	48542	8.288	ng		97

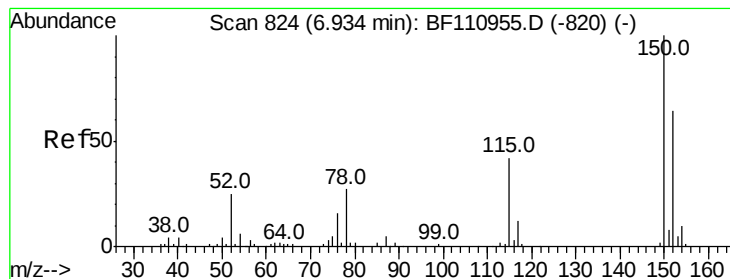
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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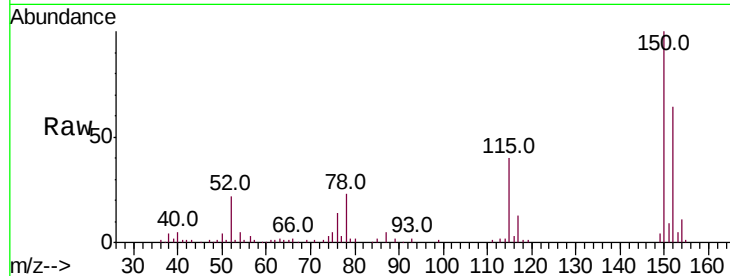


#1

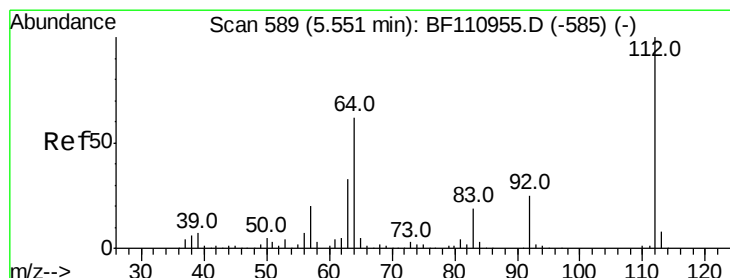
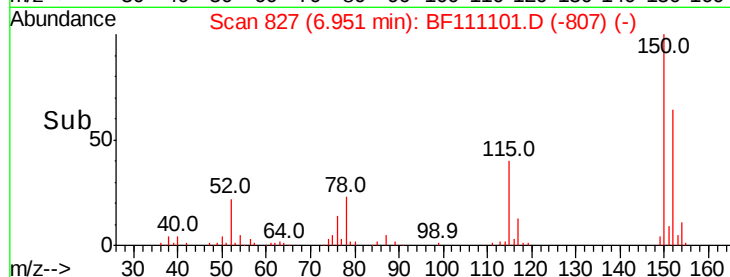
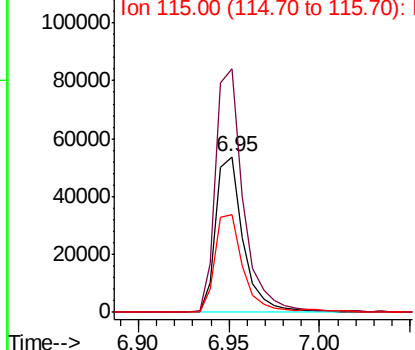
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tot Ion:152 Resp: 57168
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 62.4 49.1 73.7



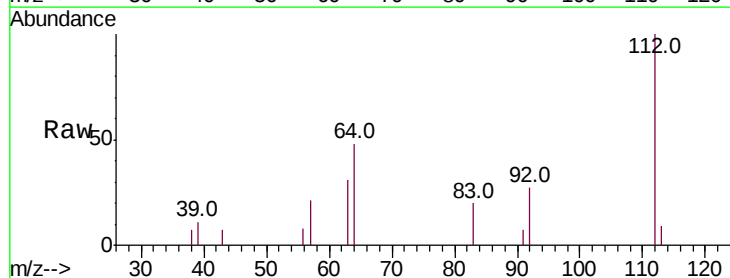
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



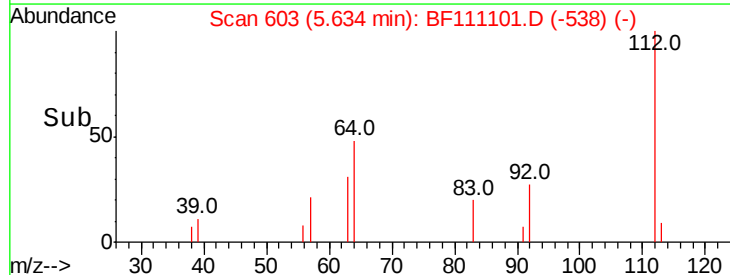
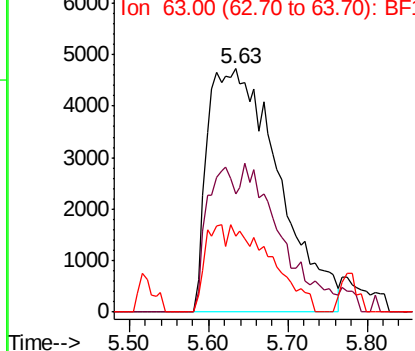
#5

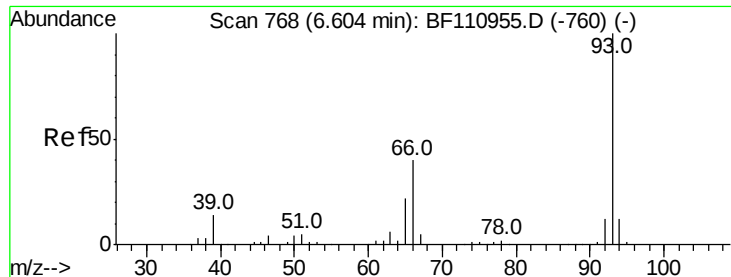
2-Fluorophenol
Concen: 8.565 ng
RT: 5.63 min Scan# 603
Delta R.T. 0.08 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:112 Resp: 29528
Ion Ratio Lower Upper
112 100
64 48.4 44.1 66.1
63 31.3 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





#6

Aniline

Concen: 2621.058 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.11 min

Lab File: BF111101.D

Acq: 29 Nov 2018 20:10

Instrument :

BNA_F

ClientSampleId :

MS-SFVP8283LMRE

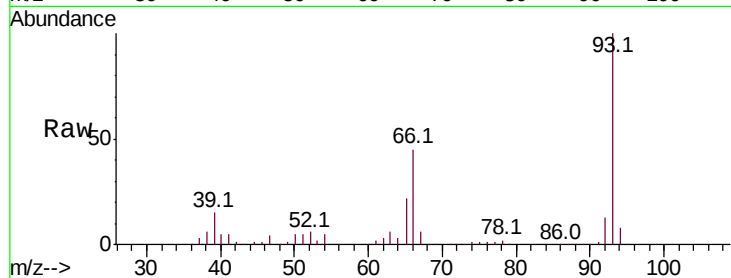
Tot Ion: 93 Resp: 14556497

Ion Ratio Lower Upper

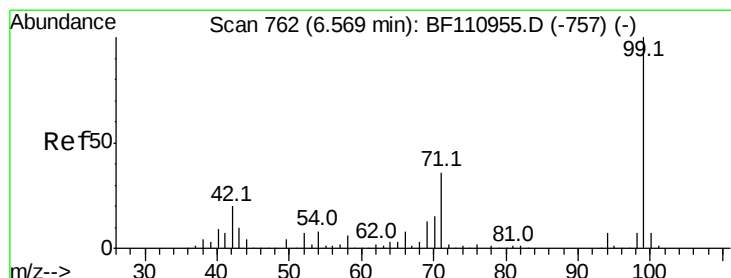
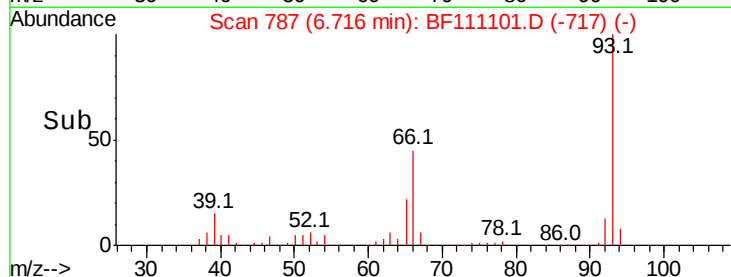
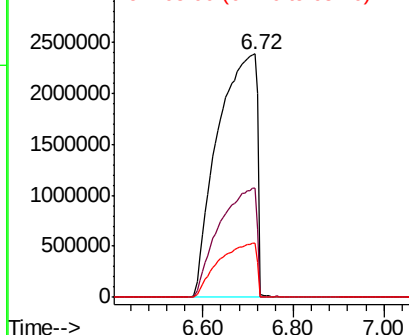
93 100

66 45.0 67.4 101.0#

65 22.4 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 3.646 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.09 min

Lab File: BF111101.D

Acq: 29 Nov 2018 20:10

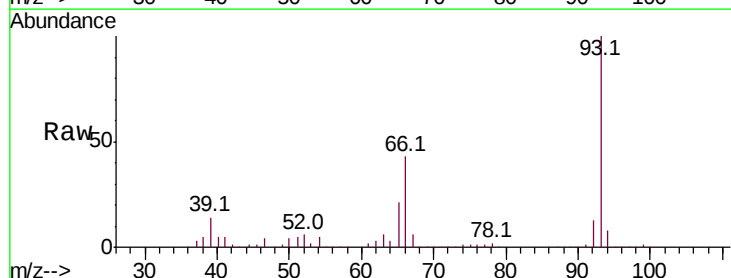
Tgt Ion: 99 Resp: 16380

Ion Ratio Lower Upper

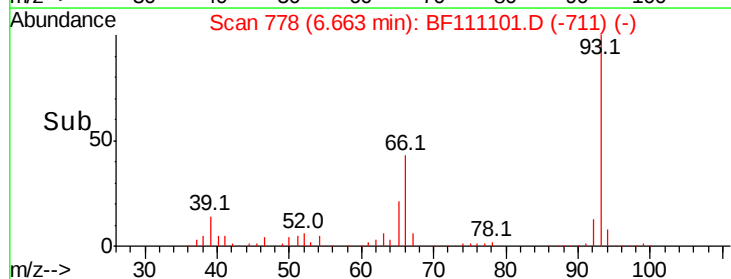
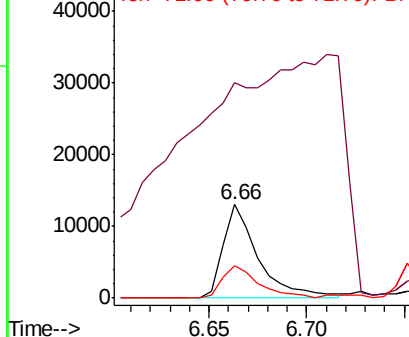
99 100

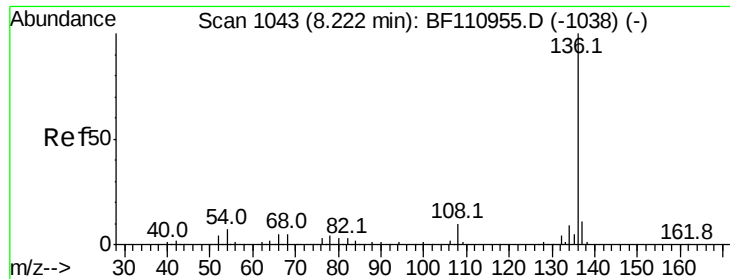
42 230.5 15.8 23.6#

71 34.7 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

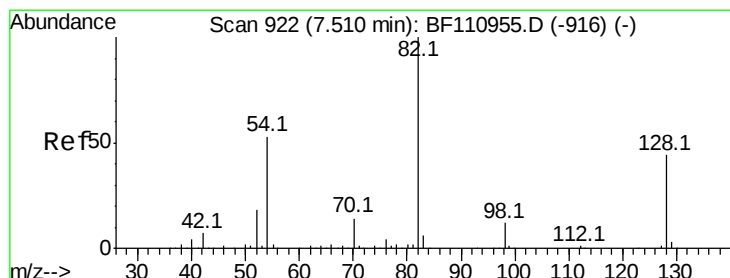
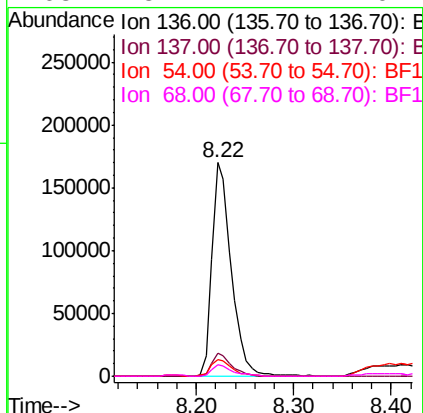
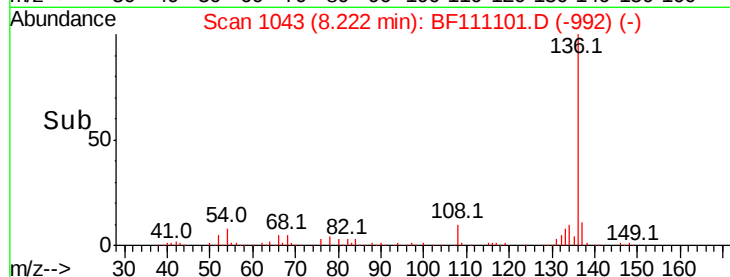
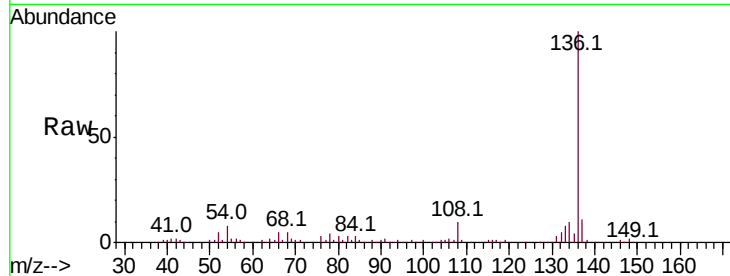




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

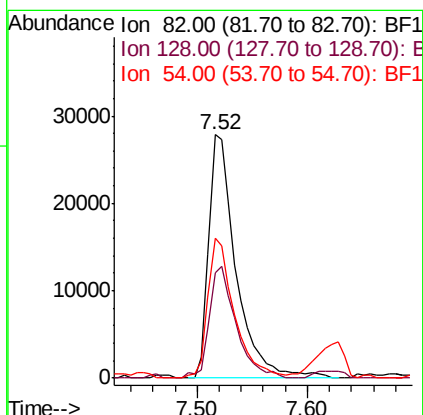
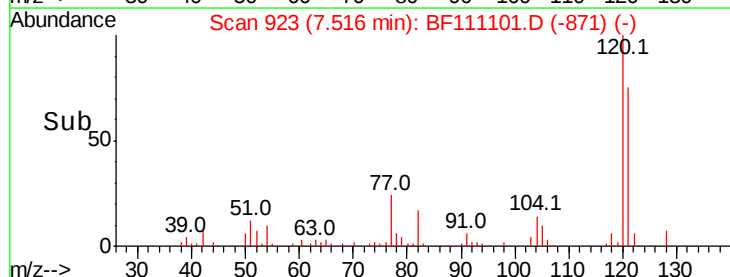
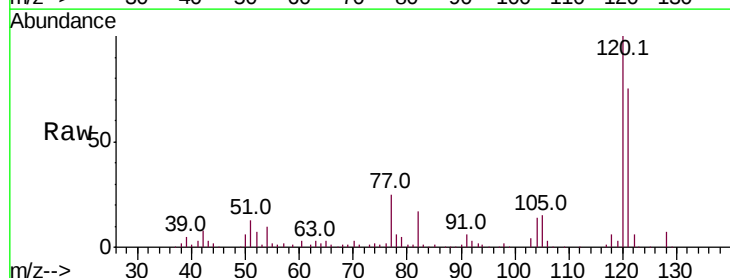
Instrument :
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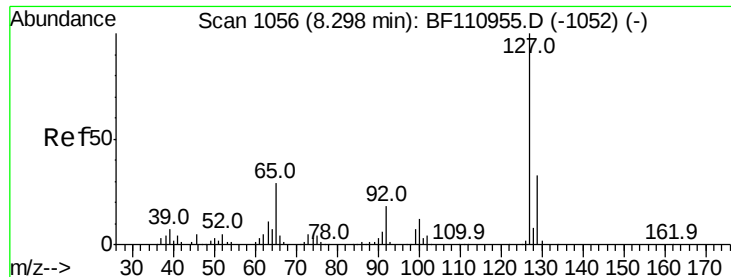
Tot Ion:136	Resp:	231851
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.9	5.4 8.2
68	5.2	4.2 6.2



#23
Nitrobenzene-d5
Concen: 11.683 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion: 82	Resp:	47329
Ion	Ratio	Lower Upper
82	100	
128	43.0	34.2 51.2
54	57.6	38.6 58.0

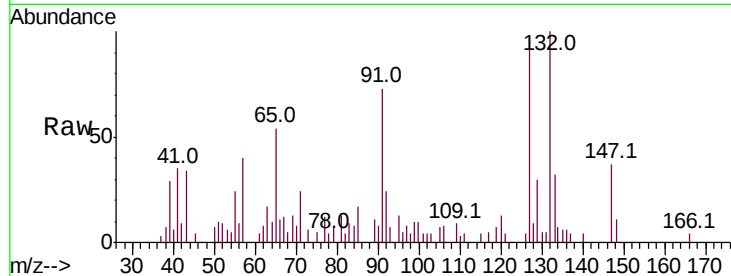




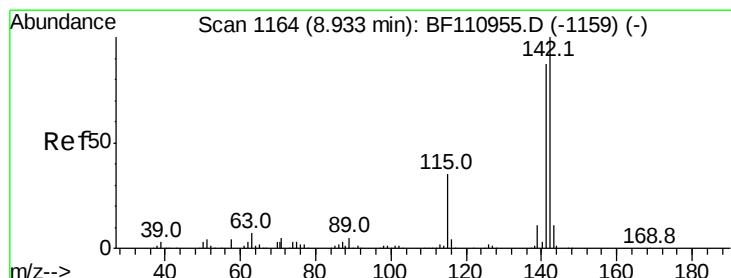
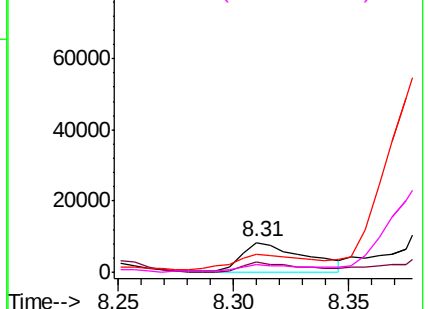
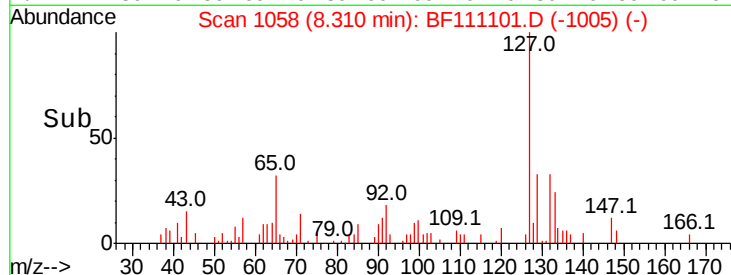
#33
4-Chloroaniline
Concen: 3.552 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tot Ion:127 Resp: 16431
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 58.2 25.1 37.7#
92 25.5 15.0 22.6#

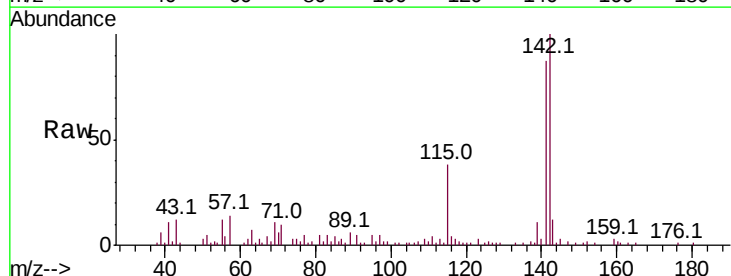


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

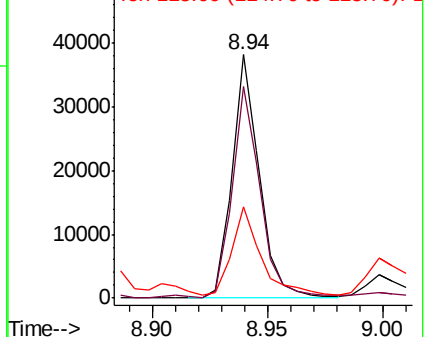
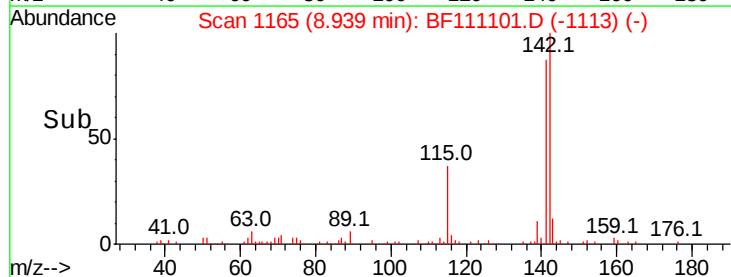


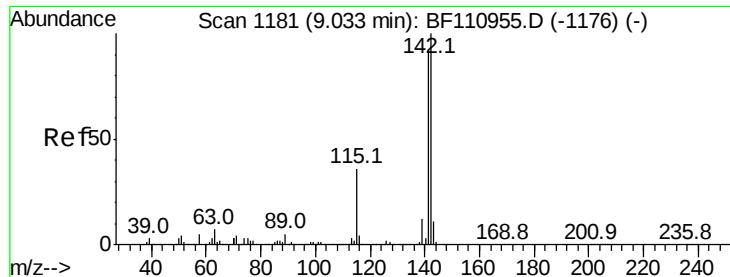
#37
2-Methylnaphthalene
Concen: 4.365 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:142 Resp: 31333
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.2
115 37.7 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

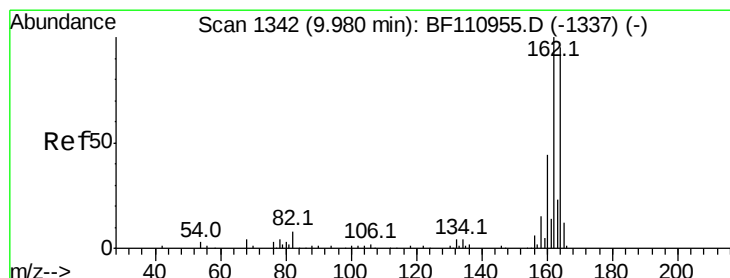
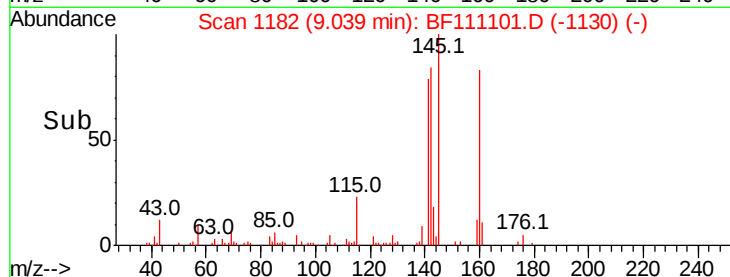
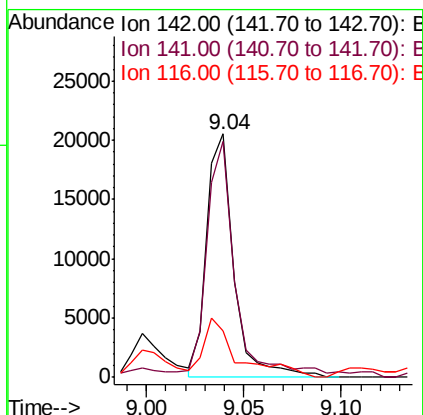
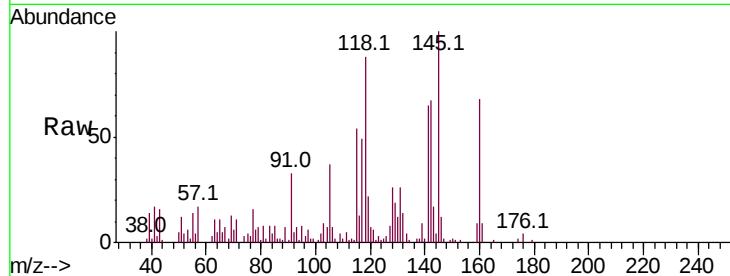




#38
1-Methylnaphthalene
Concen: 2.868 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

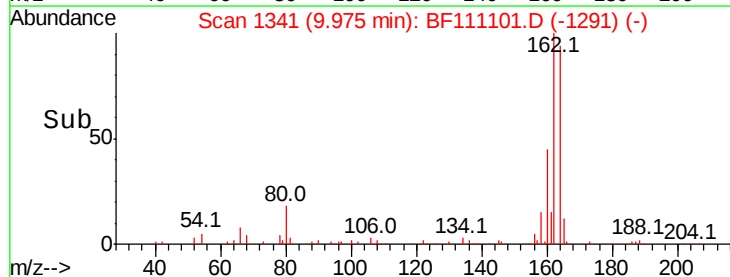
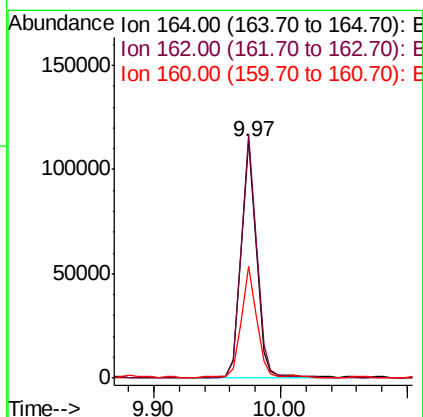
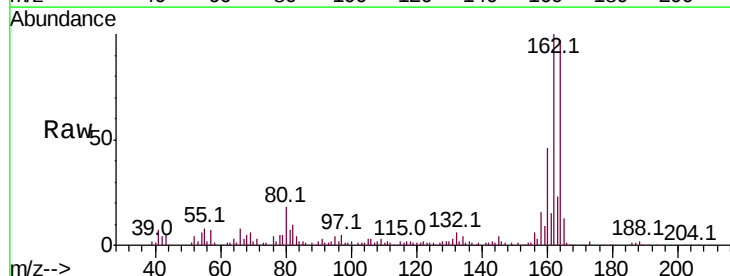
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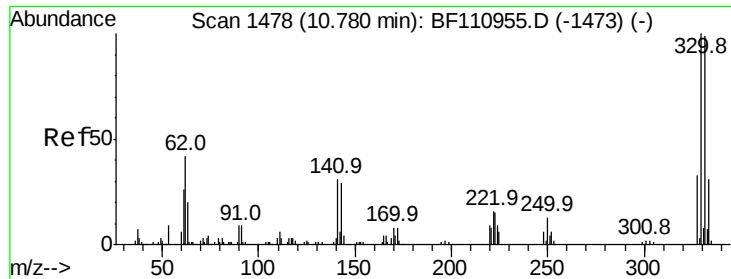
Tot Ion:142 Resp: 20024
Ion Ratio Lower Upper
142 100
141 96.7 74.2 111.4
116 19.0 2.6 4.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:164 Resp: 95966
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.6
160 47.1 37.0 55.6

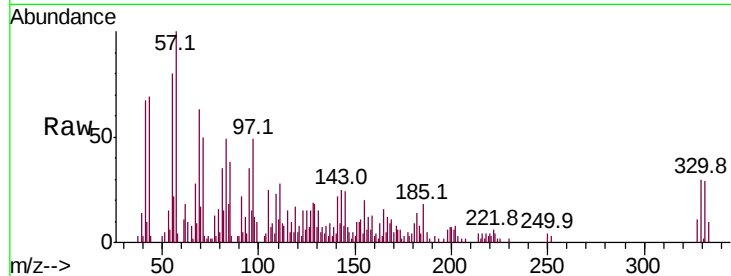




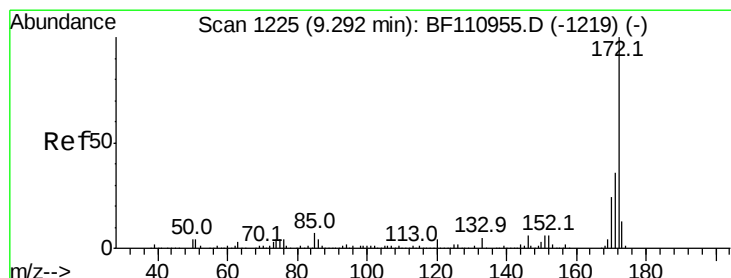
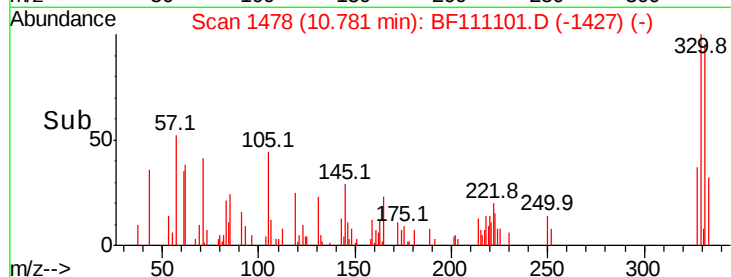
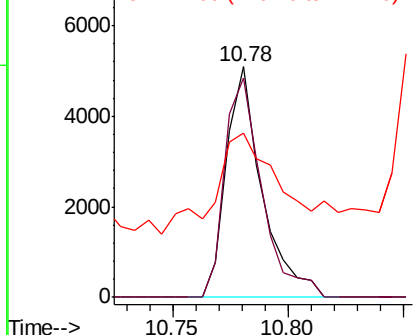
#42
 2,4,6-Tribromophenol
 Concen: 5.777 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF111101.D
 Acq: 29 Nov 2018 20:10

Instrument :
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 ClientSampleId :
 MS-SFVP8283LMRE

Tot Ion:330 Resp: 5506
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.1 115.7
 141 84.1 27.0 40.4#

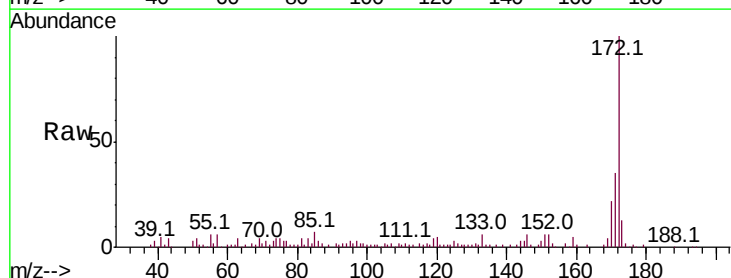


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

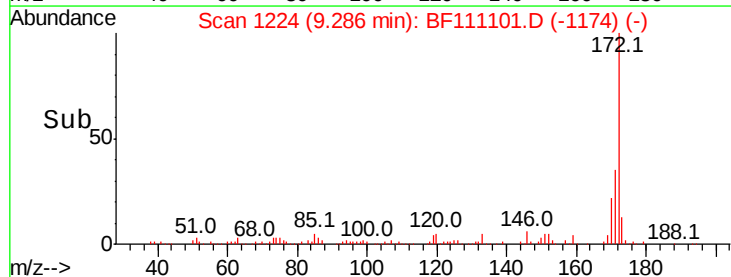
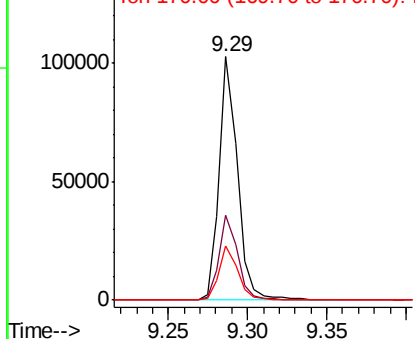


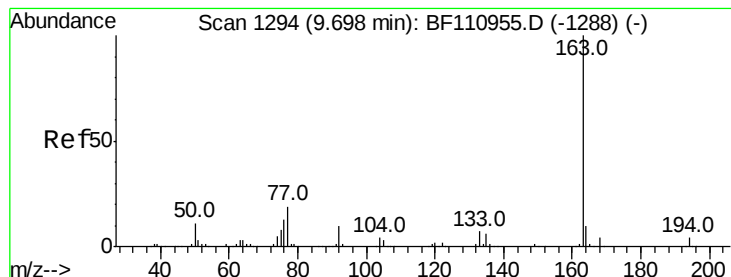
#45
 2-Fluorobiphenyl
 Concen: 12.495 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111101.D
 Acq: 29 Nov 2018 20:10

Tgt Ion:172 Resp: 82767
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 22.3 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: 5.062 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF111101.D

Acq: 29 Nov 2018 20:10

Instrument :

BNA_F

ClientSampleId :

MS-SFVP8283LMRE

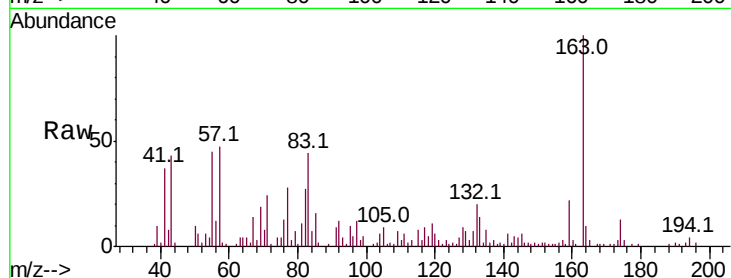
Tot Ion:163 Resp: 35628

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

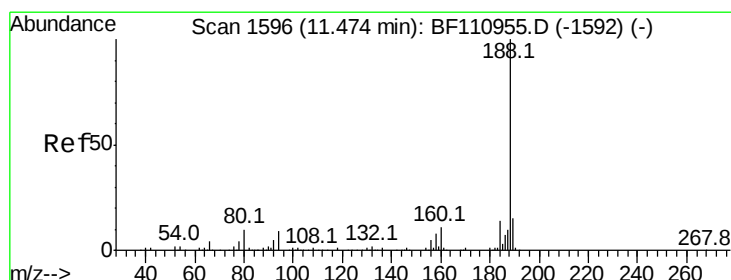
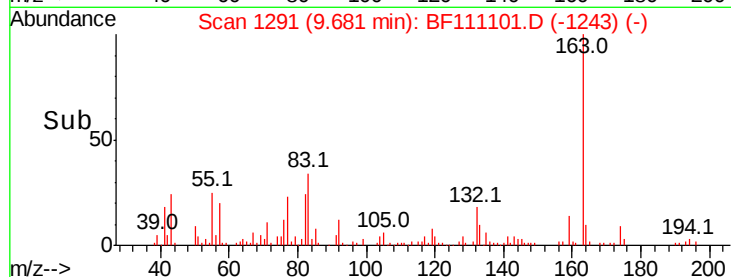
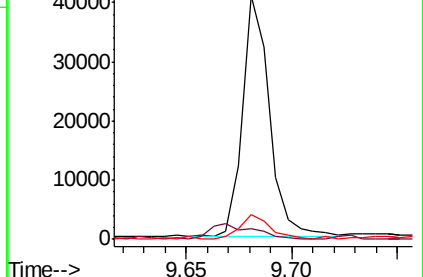
164 10.3 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF111101.D

Acq: 29 Nov 2018 20:10

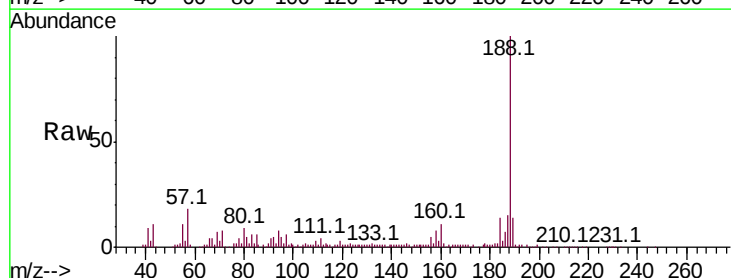
Tgt Ion:188 Resp: 143170

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

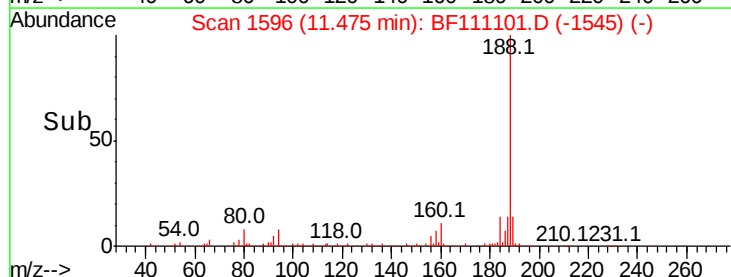
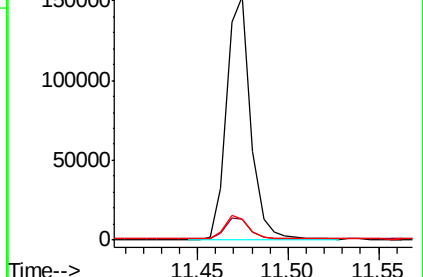
80 8.8 7.9 11.9

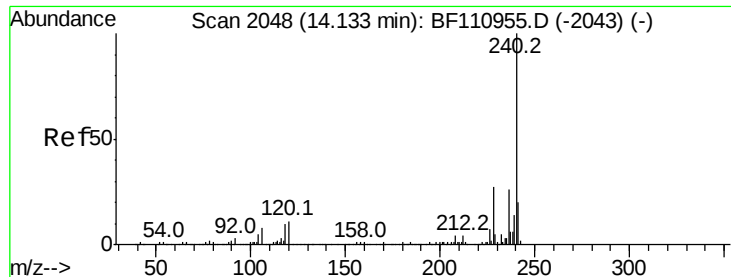


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

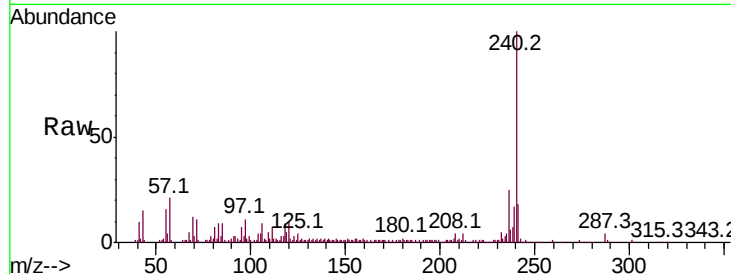




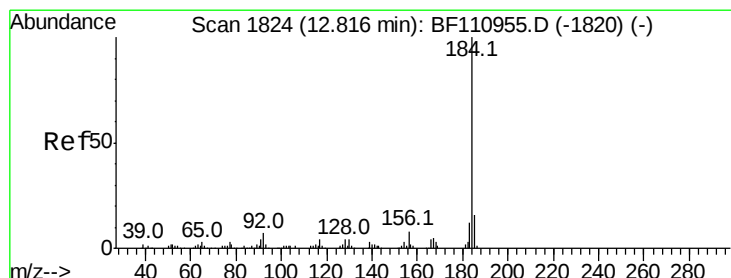
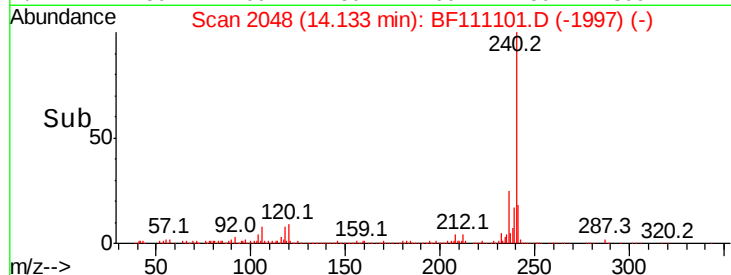
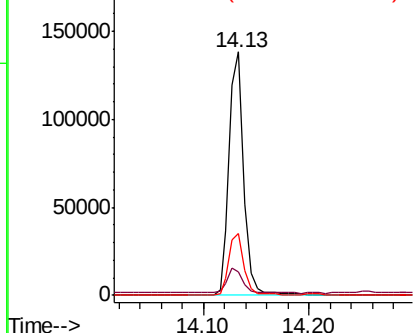
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tot Ion:240 Resp: 133301
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 25.3 21.2 31.8

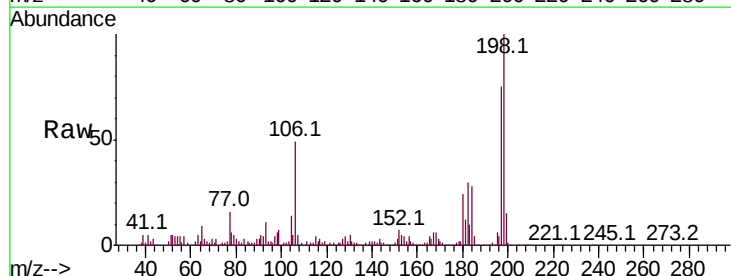


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

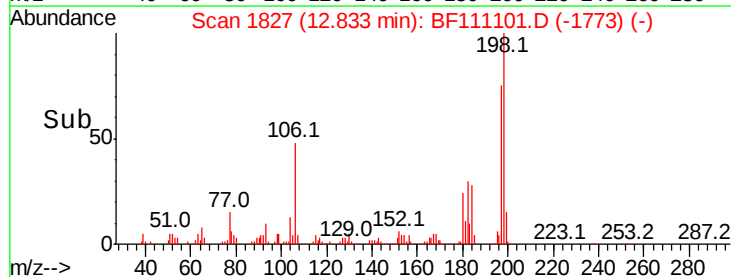
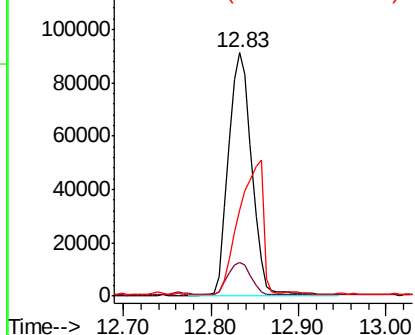


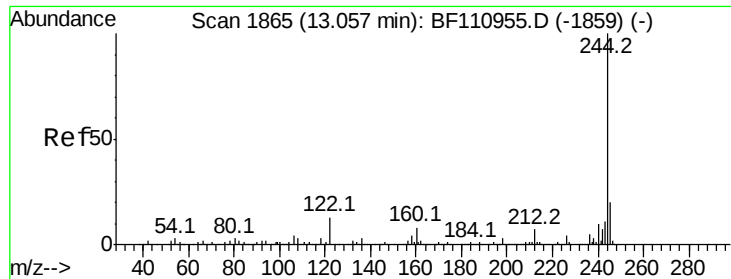
#77
Benzidine
Concen: 49.427 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:184 Resp: 168525
Ion Ratio Lower Upper
184 100
185 13.9 13.4 20.2
183 35.7 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 9.353 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111101.D

Acq: 29 Nov 2018 20:10

Instrument :

BNA_F

ClientSampleId :

MS-SFVP8283LMRE

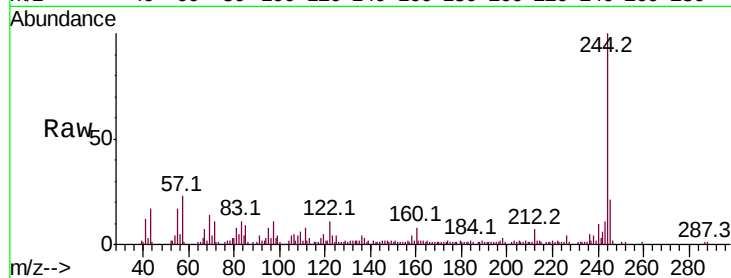
Tot Ion:244 Resp: 64049

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

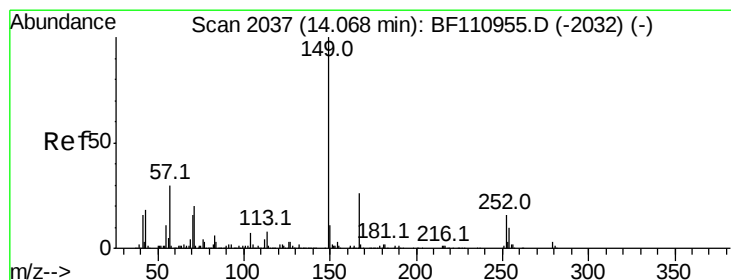
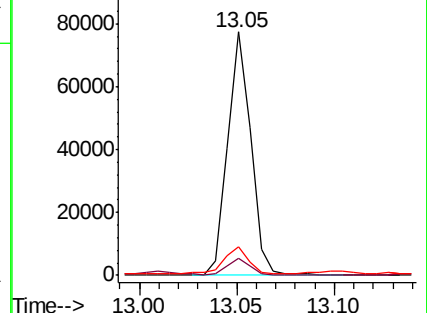
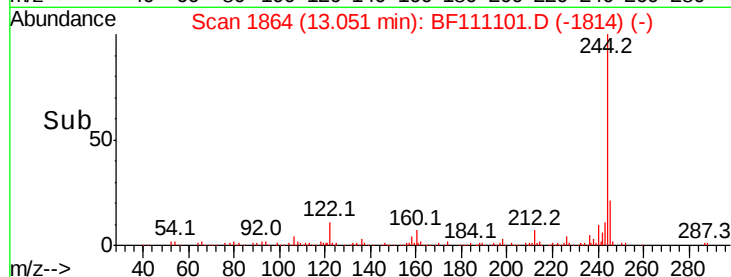
122 11.5 8.7 13.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.288 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111101.D

Acq: 29 Nov 2018 20:10

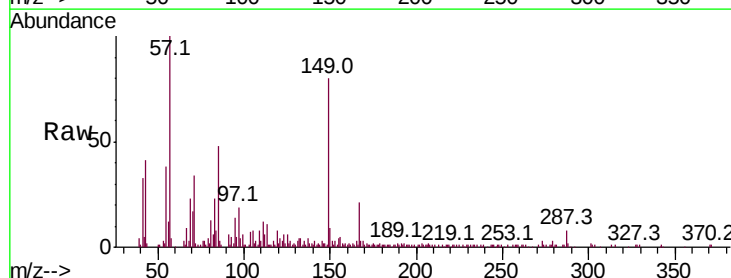
Tgt Ion:149 Resp: 48542

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

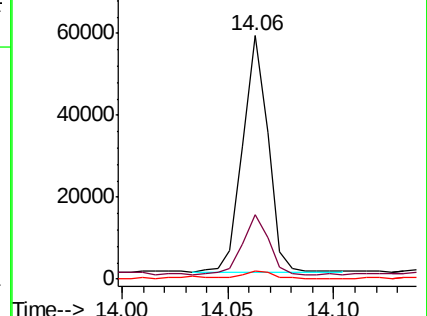
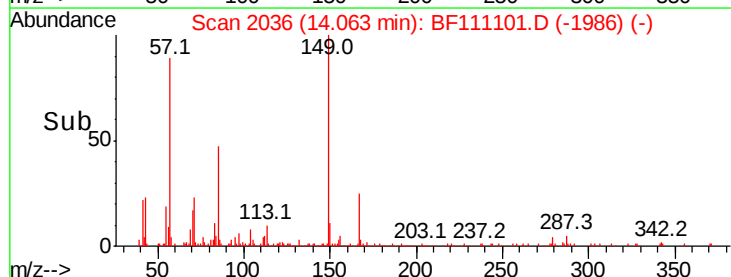
279 3.5 2.7 4.1

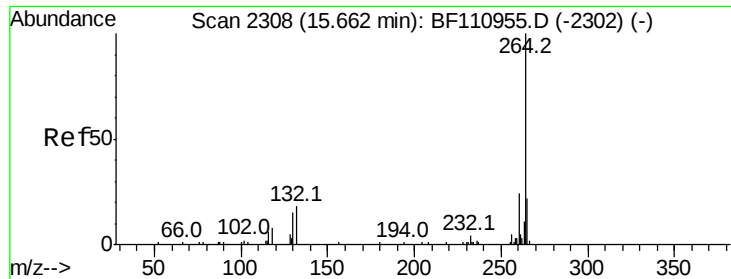


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



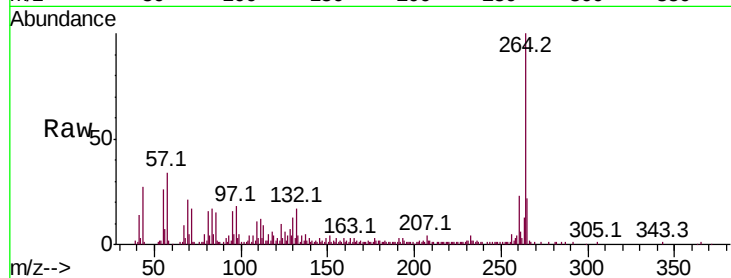


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tot Ion:264 Resp: 93074

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	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

