

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100311.D
 Acq On : 9 Nov 2017 00:06
 Operator : SJ/JU
 Sample : I6346-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(5-10)

Quant Time: Nov 09 01:36:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

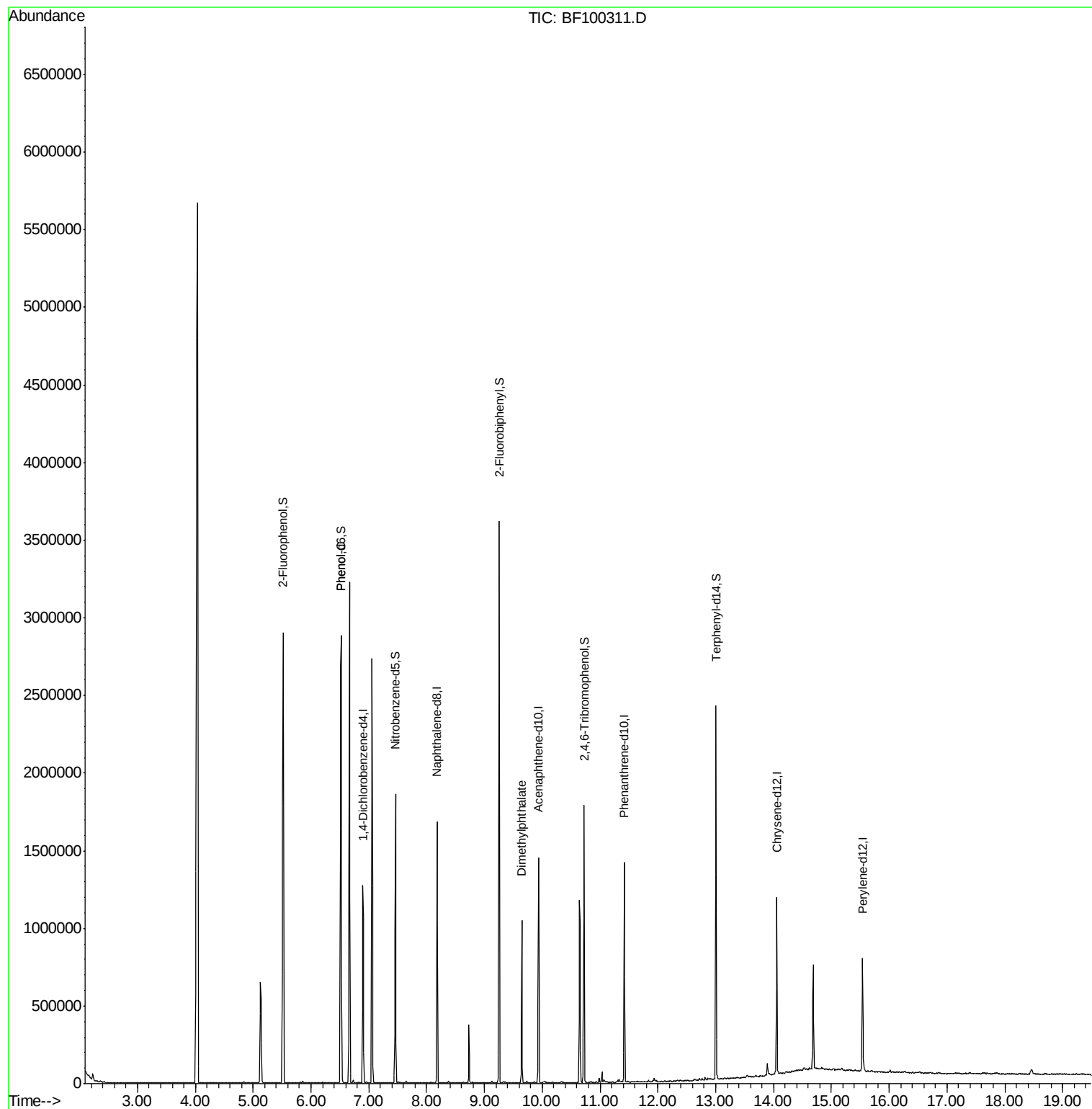
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179199	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	690069	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	286031	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	450730	20.00	ng	0.00
75) Chrysene-d12	14.06	240	370016	20.00	ng	-0.01
86) Perylene-d12	15.54	264	345492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	855315	76.51	ng	0.00
7) Phenol-d6	6.52	99	1044919	75.80	ng	0.00
23) Nitrobenzene-d5	7.46	82	622851	59.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	199857	68.57	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1079126	57.45	ng	0.00
78) Terphenyl-d14	13.00	244	748910	46.51	ng	0.00
Target Compounds						
10) Phenol	6.53	94	55146	3.811	ng	93
49) Dimethylphthalate	9.65	163	390757	17.893	ng	99

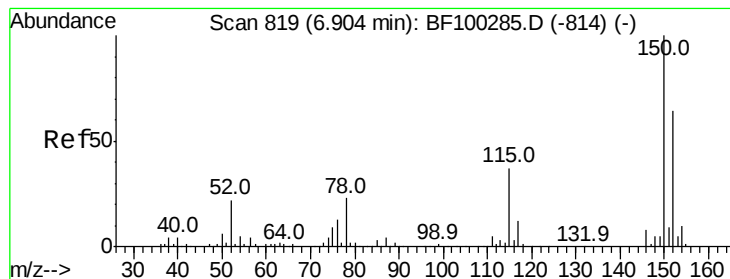
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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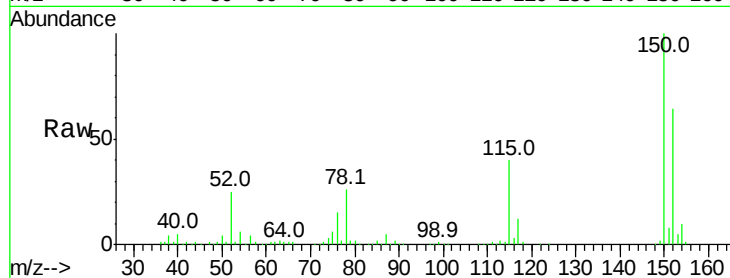


#1

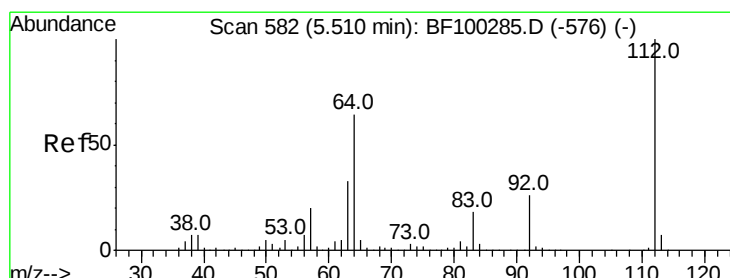
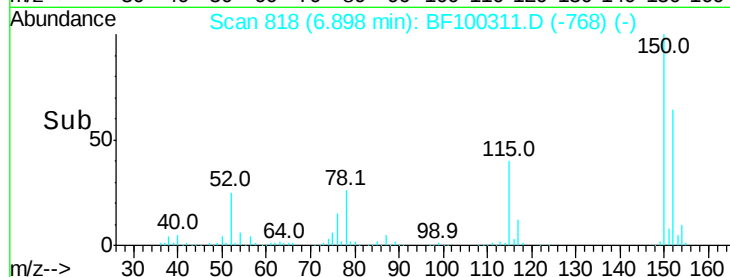
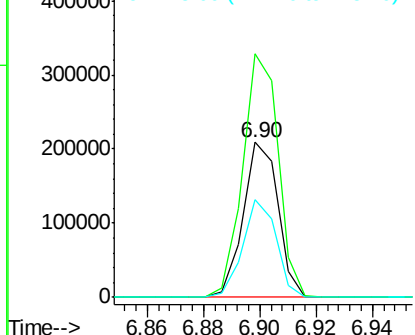
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.5	50.1	75.1



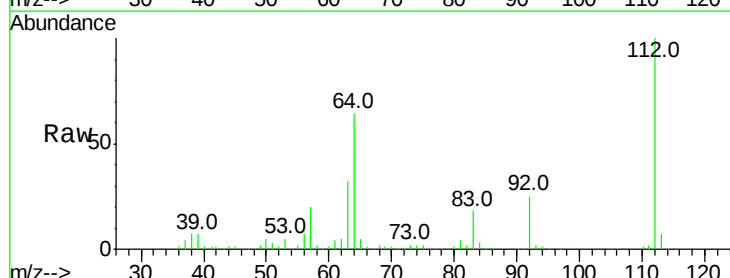
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



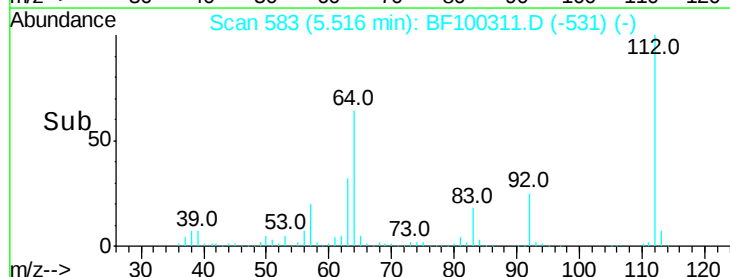
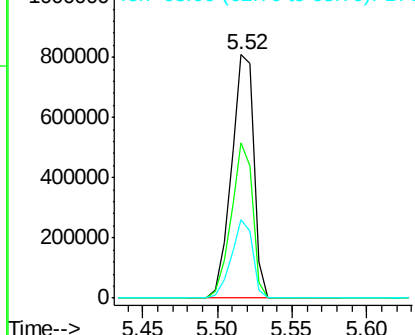
#5

2-Fluorophenol
 Concen: 76.510 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	32.3	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





#7

Phenol-d6

Concen: 75.800 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Instrument :

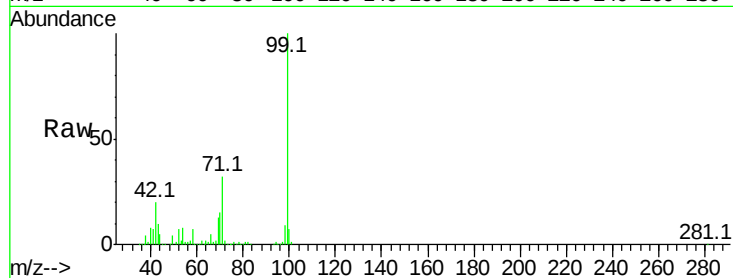
BNA_F

ClientSampleId :

EPE-120-5(5-10)

Tot Ion: 99 Resp: 1044919

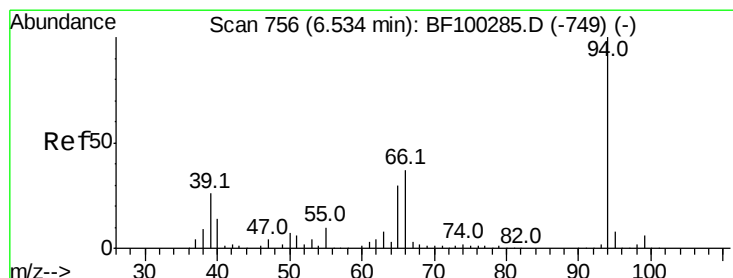
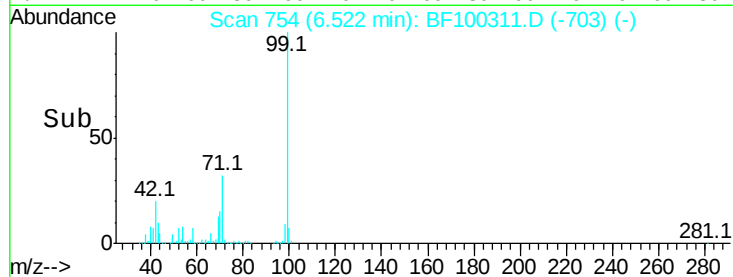
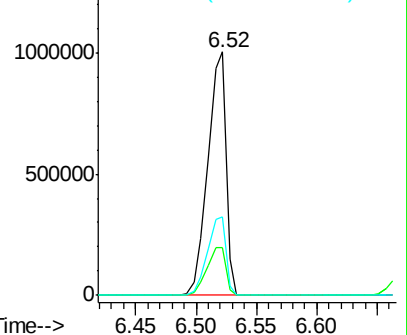
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.1	25.4	38.0



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



#10

Phenol

Concen: 3.811 ng

RT: 6.53 min Scan# 755

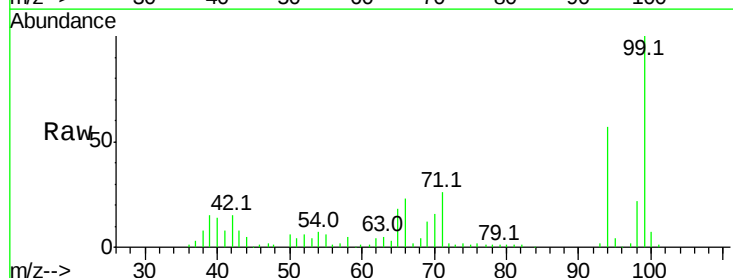
Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tgt Ion: 94 Resp: 55146

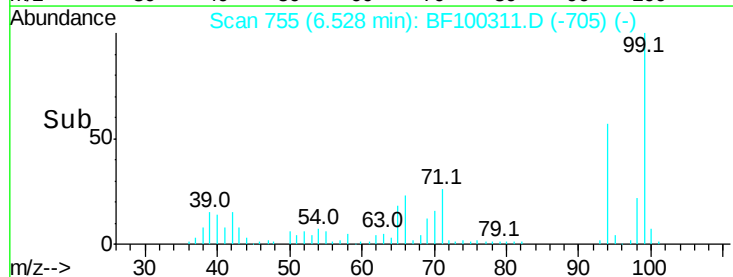
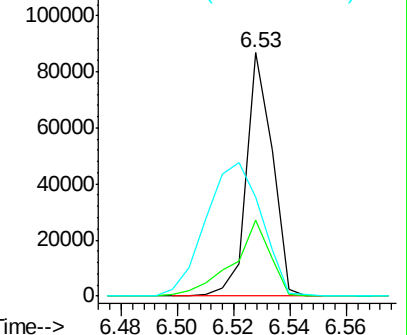
Ion	Ratio	Lower	Upper
94	100		
65	31.1	7.9	47.9
66	40.8	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

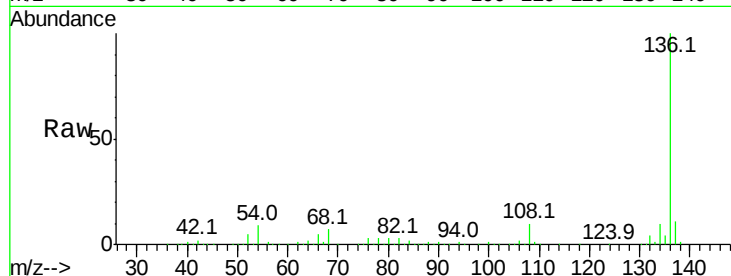




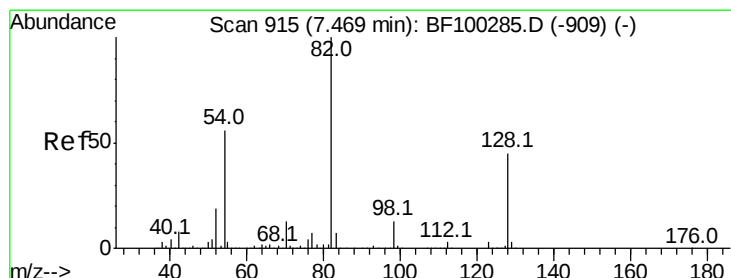
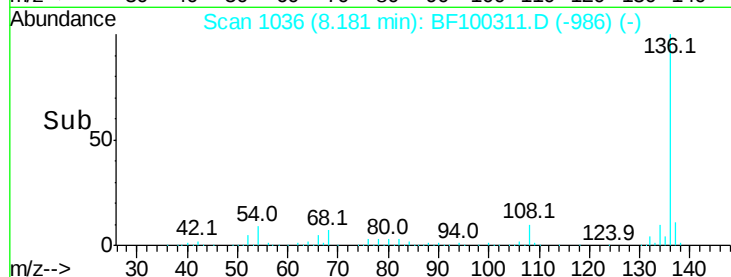
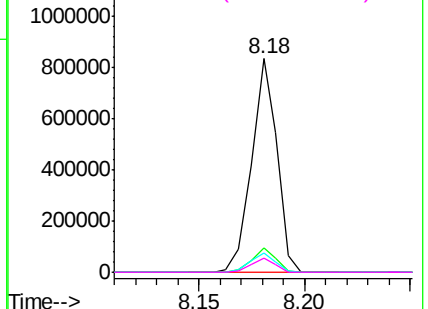
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(5-10)

Tot Ion:	136	Resp:	690069
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	6.6	5.0	7.4

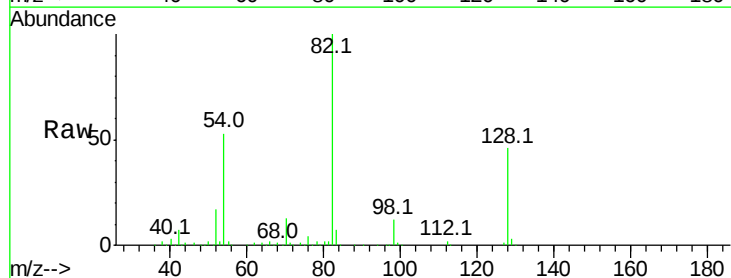


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

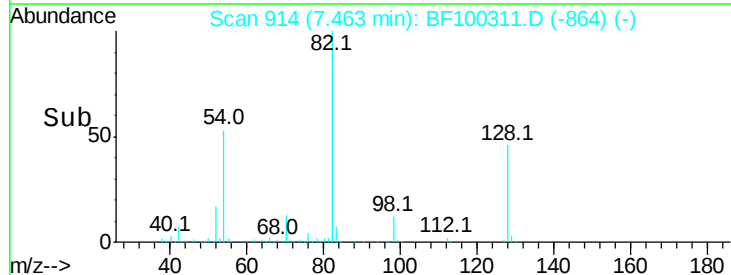
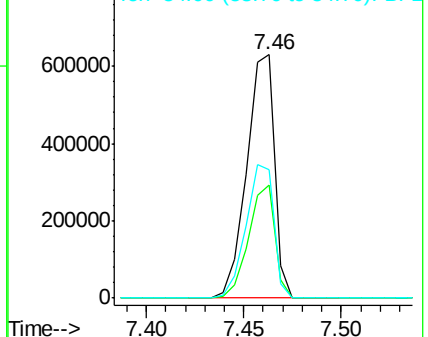


#23
Nitrobenzene-d5
Concen: 59.673 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tgt Ion:	82	Resp:	622851
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	52.6	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Instrument :

BNA_F

ClientSampleId :

EPE-120-5(5-10)

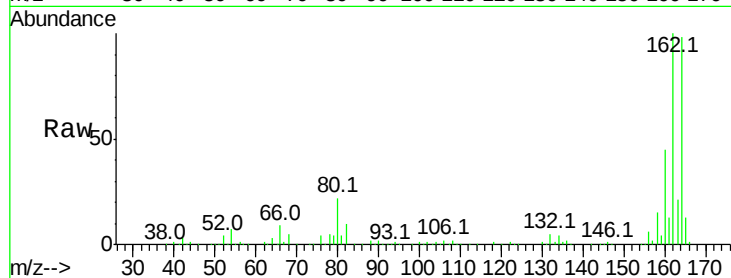
Tot Ion:164 Resp: 286031

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

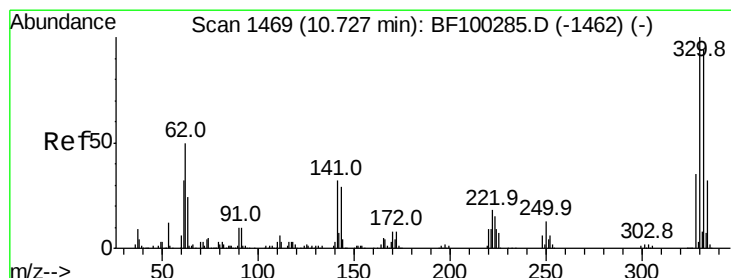
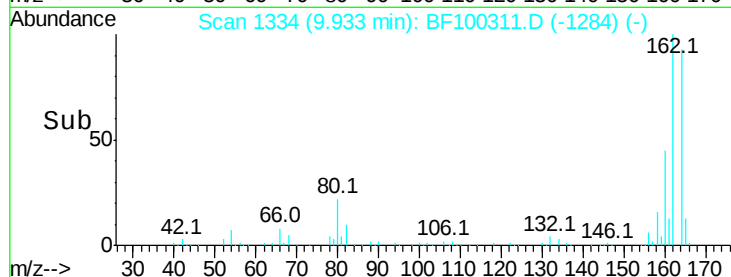
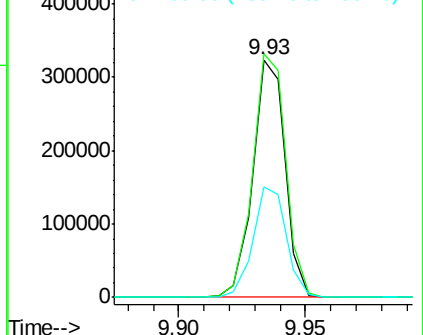
160 46.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 68.570 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

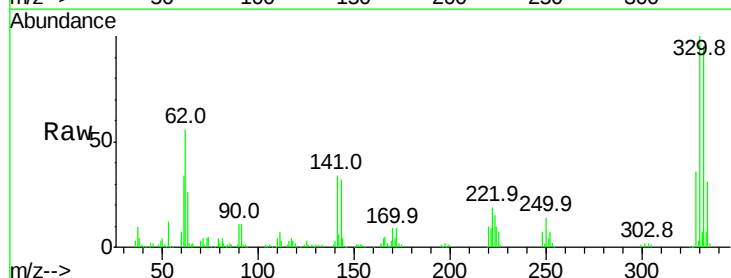
Tgt Ion:330 Resp: 199857

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

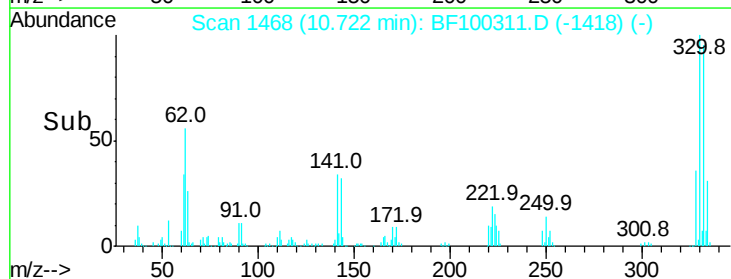
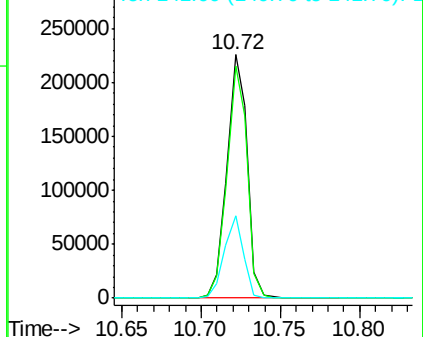
141 32.0 29.9 44.9

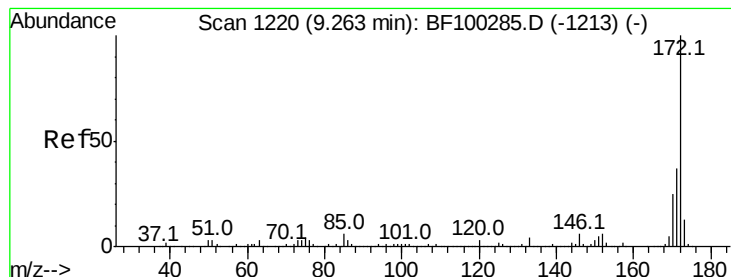


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 57.448 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Instrument :

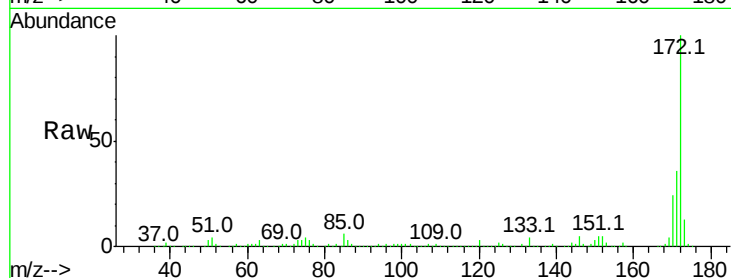
BNA_F

ClientSampleId :

EPE-120-5(5-10)

Tot Ion:172 Resp: 1079126

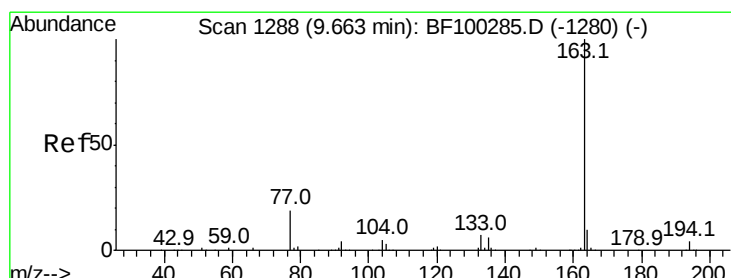
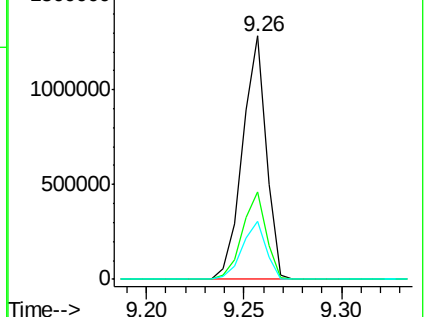
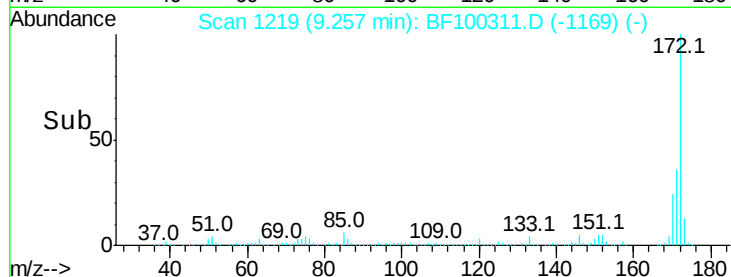
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4



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



#49

Dimethylphthalate

Concen: 17.893 ng

RT: 9.65 min Scan# 1285

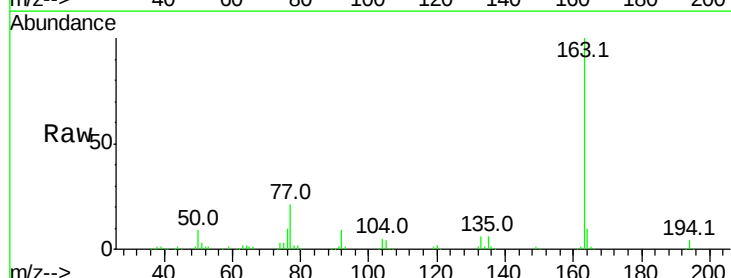
Delta R.T. -0.02 min

Lab File: BF100311.D

Acq: 9 Nov 2017 00:06

Tgt Ion:163 Resp: 390757

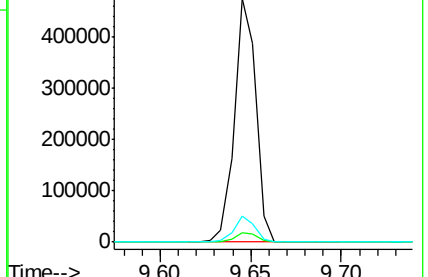
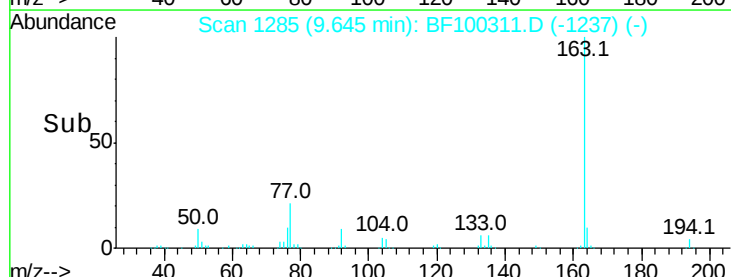
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2



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

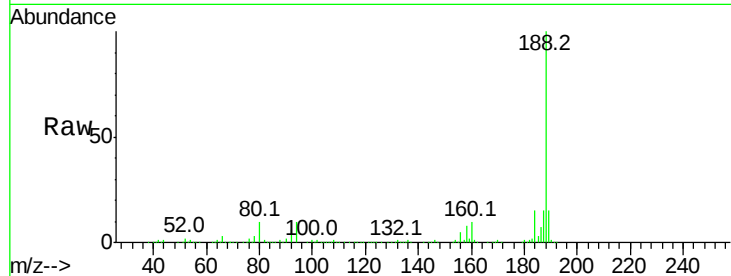




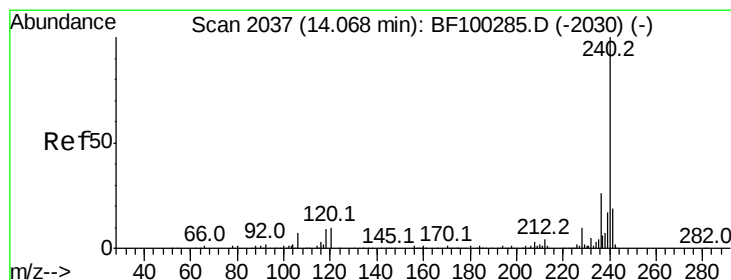
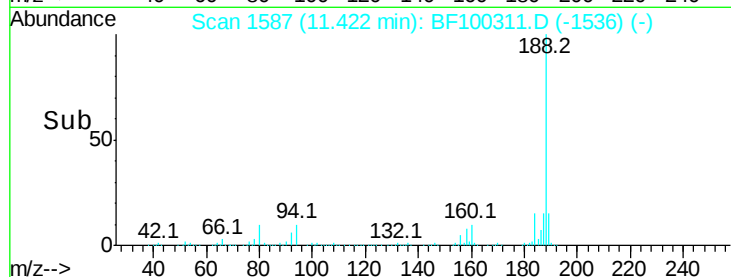
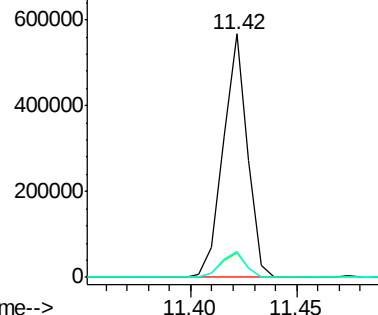
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(5-10)

Tot Ion:188 Resp: 450730
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.5 9.2 13.8

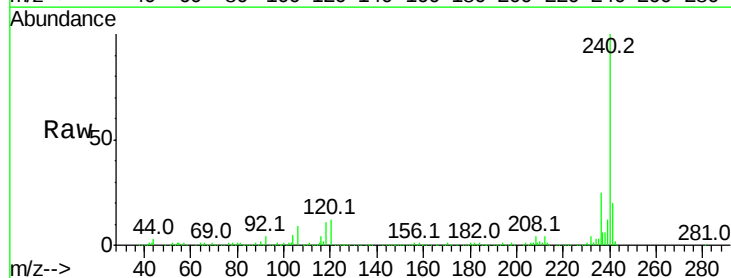


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

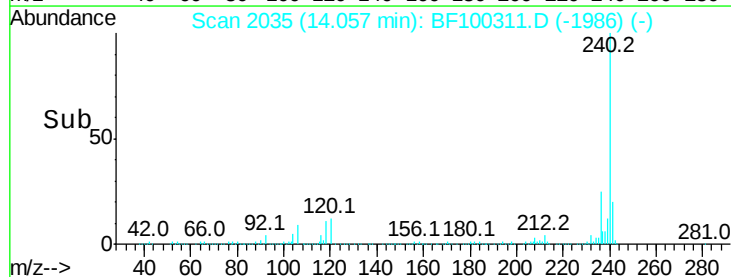
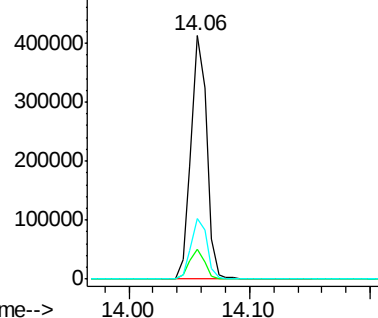


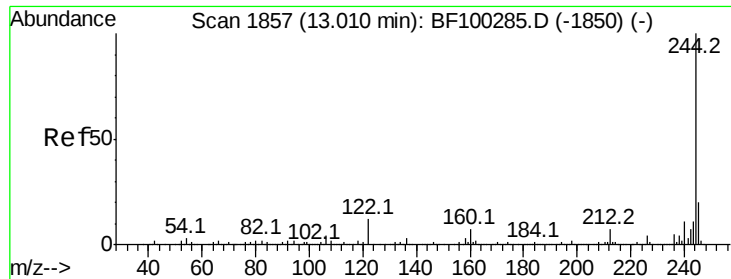
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100311.D
Acq: 9 Nov 2017 00:06

Tgt Ion:240 Resp: 370016
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.1 20.7 31.1



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

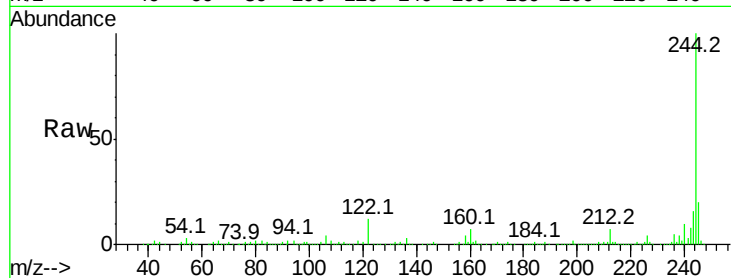




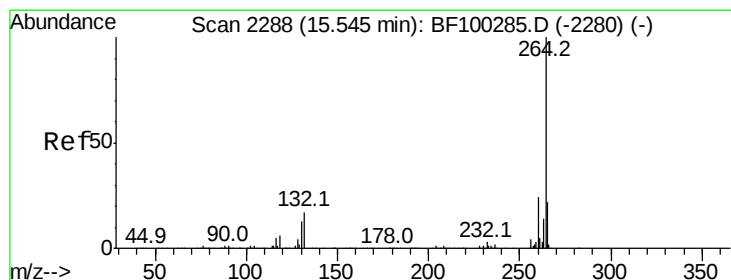
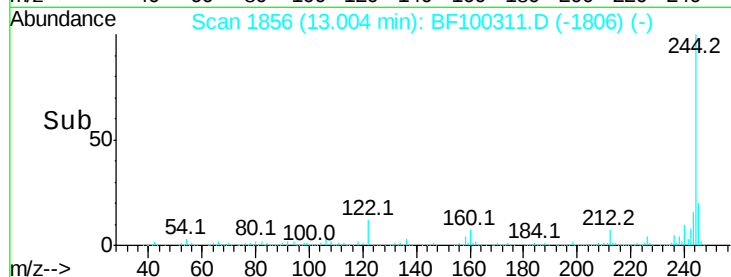
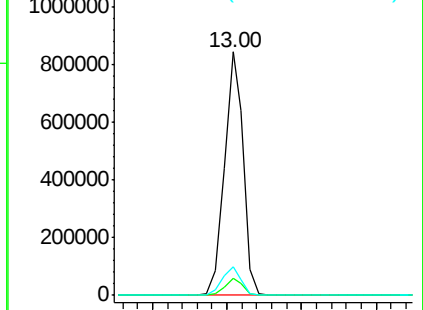
#78
 Terphenyl-d14
 Concen: 46.505 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(5-10)

Tot Ion:244 Resp: 748910
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.9 11.0 16.4

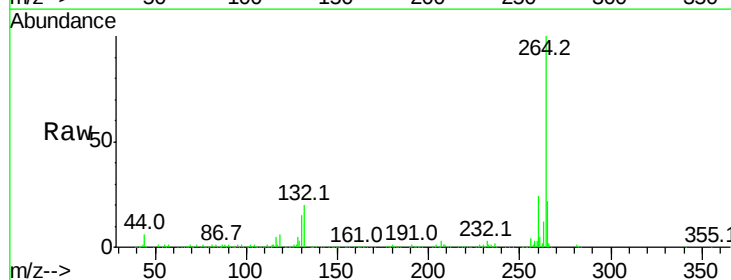


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100311.D
 Acq: 9 Nov 2017 00:06

Tgt Ion:264 Resp: 345492
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.5 26.3



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

