

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101539.D
 Acq On : 19 Dec 2017 22:51
 Operator : SJ/JU
 Sample : I6975-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Quant Time: Dec 20 08:05:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

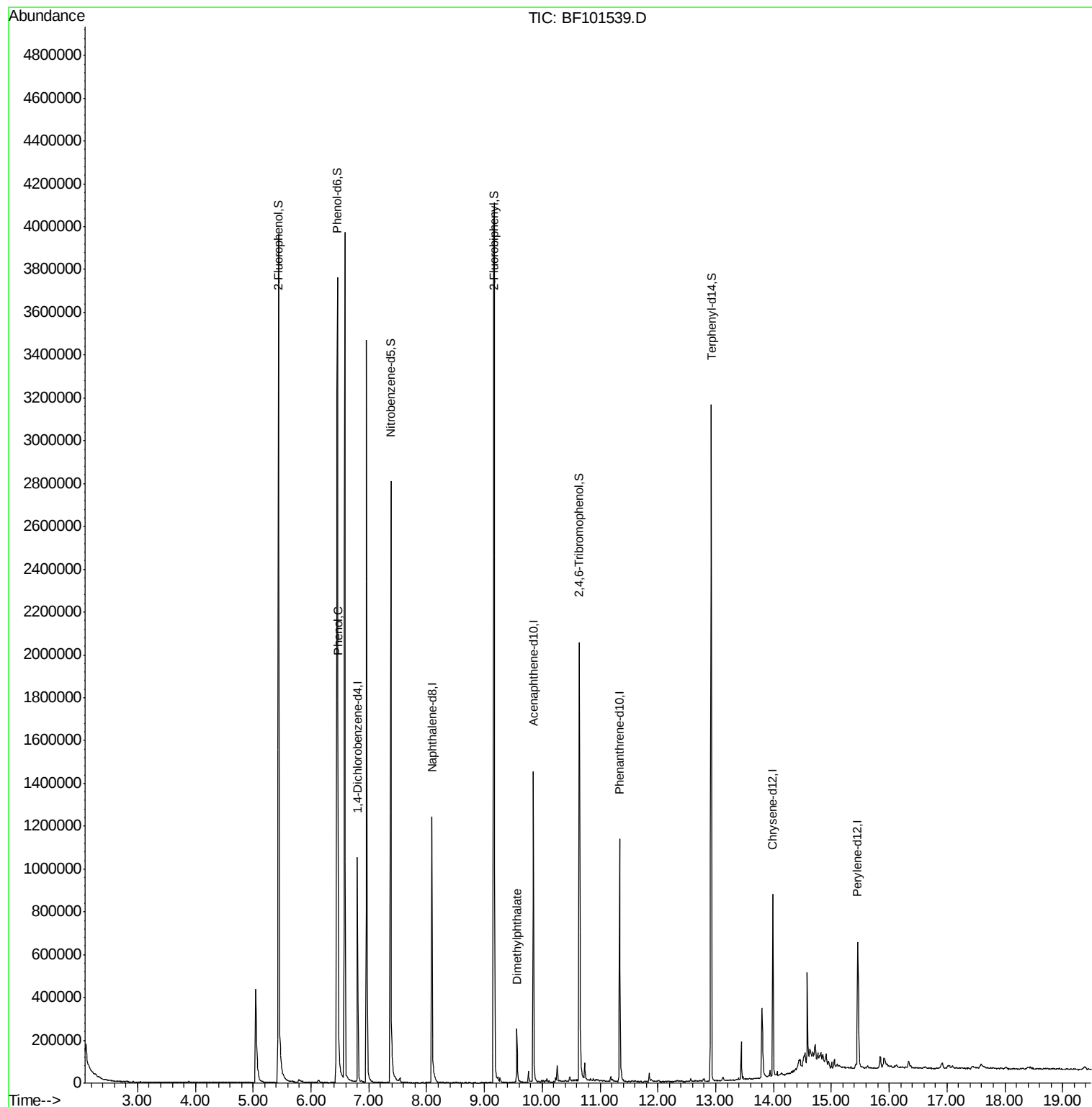
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169022	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	684213	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277846	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	460352	20.00	ng	0.00
75) Chrysene-d12	13.99	240	317749	20.00	ng	0.00
86) Perylene-d12	15.46	264	318492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1347402	118.75	ng	0.02
7) Phenol-d6	6.46	99	1646890	116.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	1093182	88.94	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	306184	114.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1579633	88.19	ng	0.00
78) Terphenyl-d14	12.92	244	1096581	83.20	ng	0.00
Target Compounds						
10) Phenol	6.47	94	84160	5.229	ng	96
49) Dimethylphthalate	9.56	163	114448	5.121	ng	100

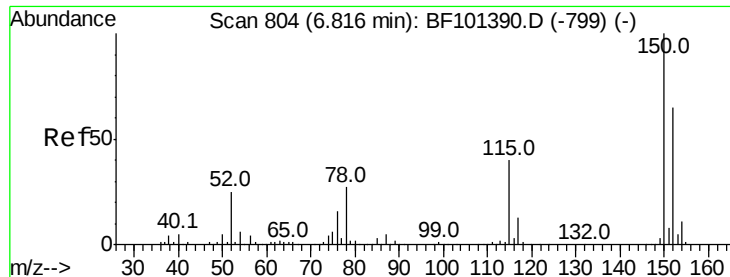
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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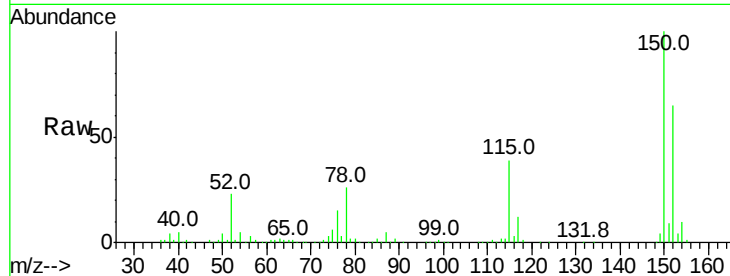


#1

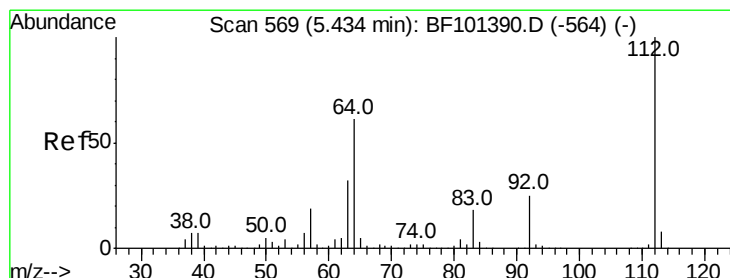
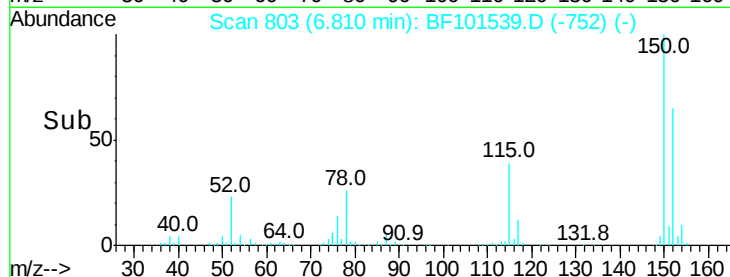
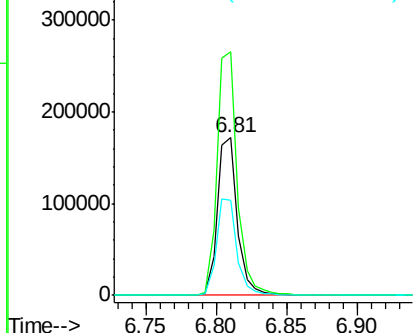
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
72-11989

Tot Ion:152 Resp: 169022
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 60.7 50.1 75.1



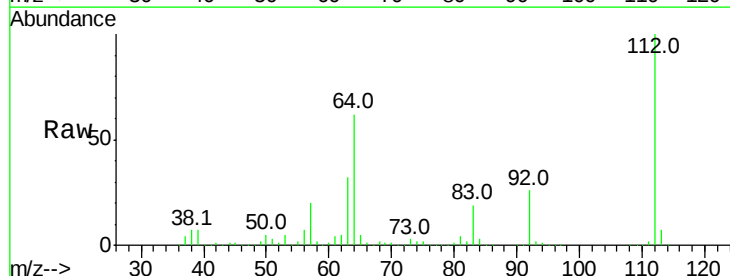
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



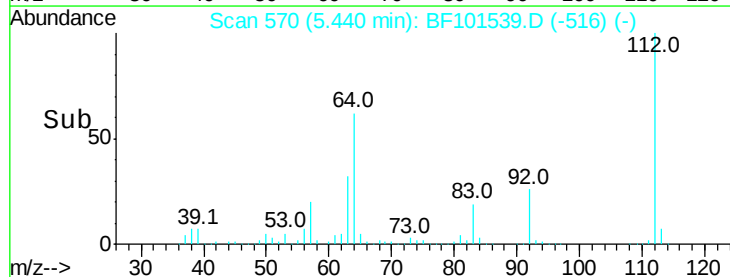
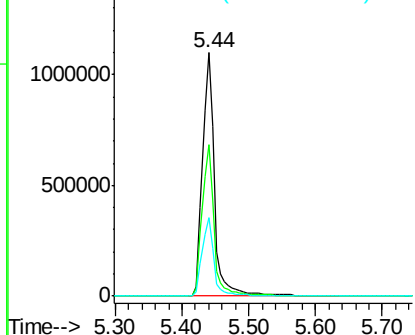
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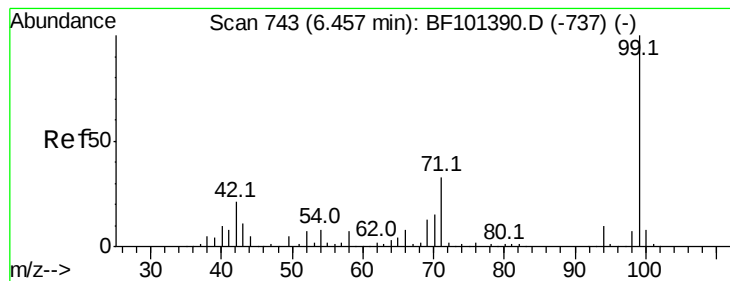
2-Fluorophenol
Concen: 118.746 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Tgt Ion:112 Resp: 1347402
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
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: 116.621 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Instrument :

BNA_F

ClientSampleId :

72-11989

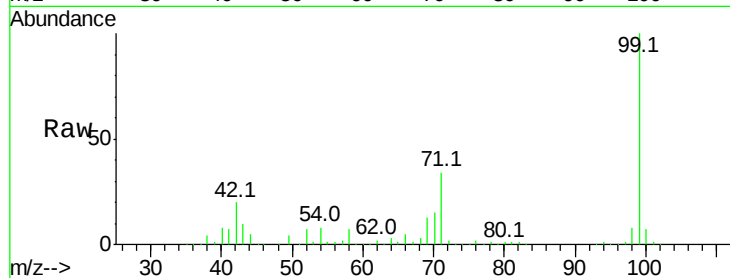
Tot Ion: 99 Resp: 1646890

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.7	25.4	38.0

99 100

42 20.2 14.5 21.7

71 33.7 25.4 38.0



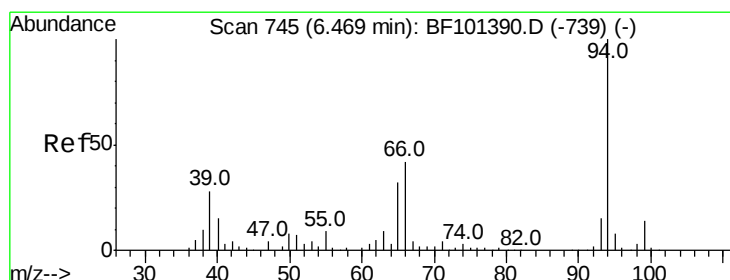
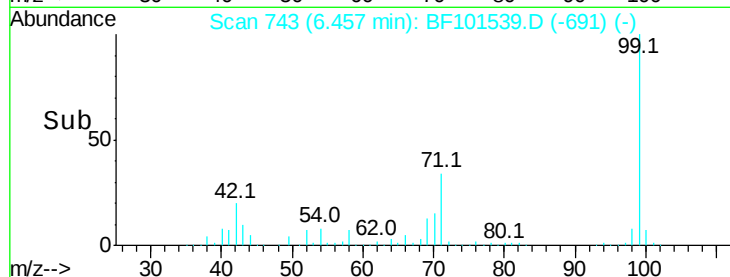
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.46

Time-->



#10

Phenol

Concen: 5.229 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

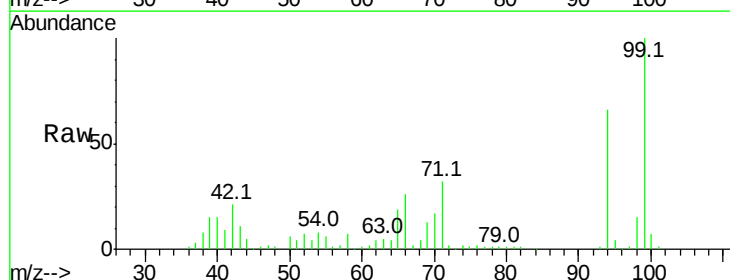
Tgt Ion: 94 Resp: 84160

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	39.8	16.2	56.2

94 100

65 28.2 7.9 47.9

66 39.8 16.2 56.2



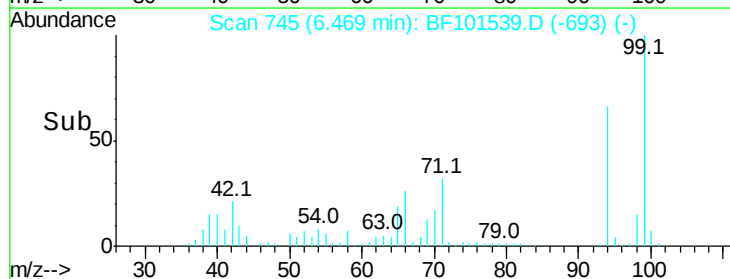
Abundance Ion 94.00 (93.70 to 94.70): BF1

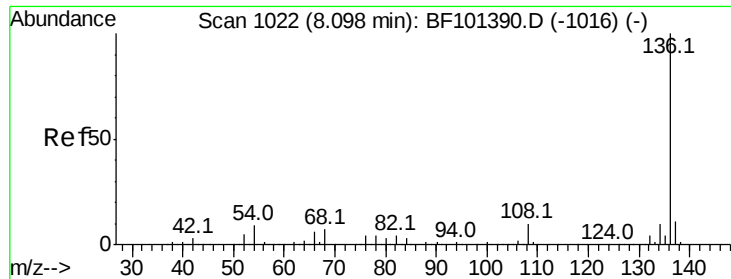
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.47

Time-->

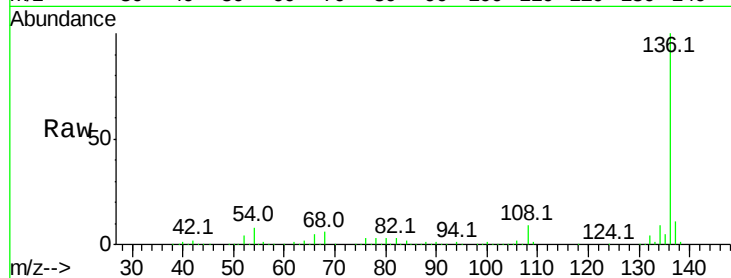




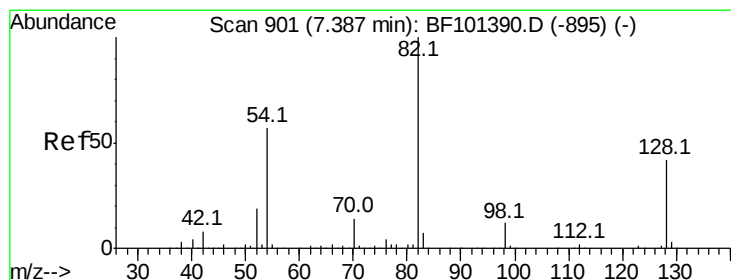
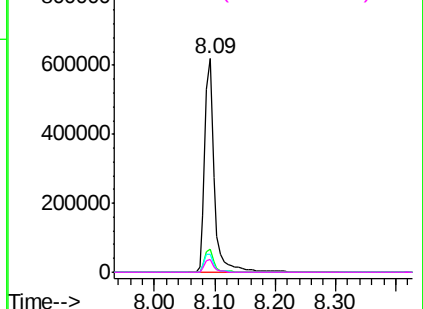
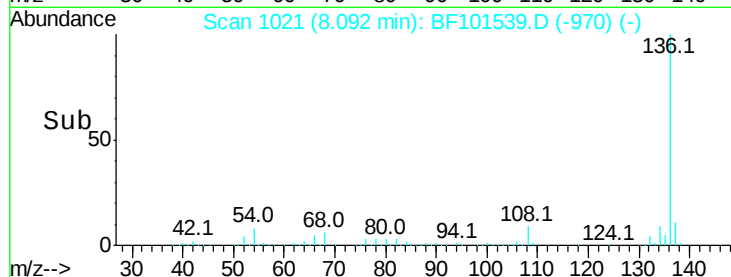
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
72-11989

Tot Ion:	136	Resp:	684213
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.0	5.0	7.4

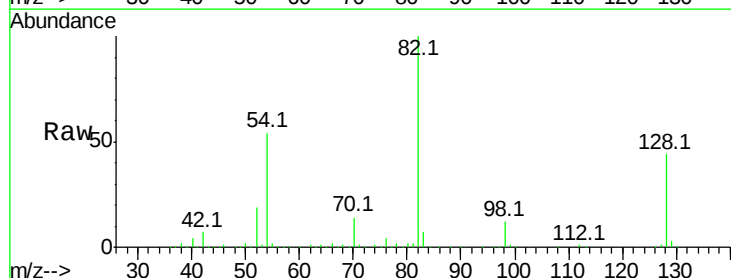


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

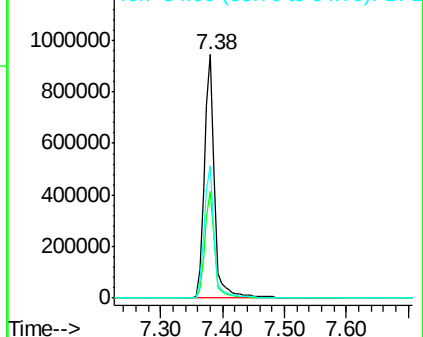
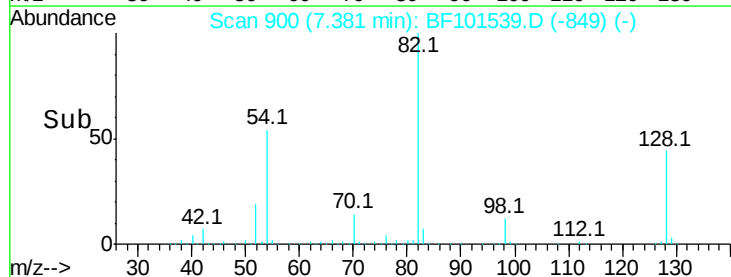


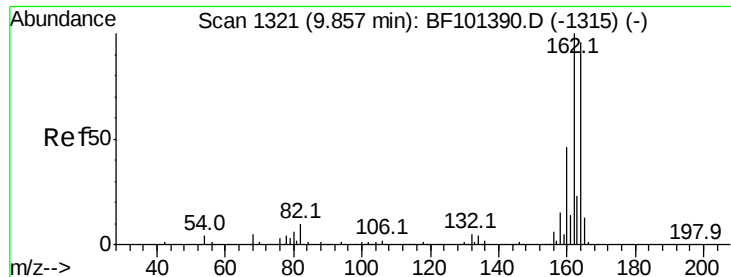
#23
Nitrobenzene-d5
Concen: 88.938 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Tgt Ion:	82	Resp:	1093182
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	54.5	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

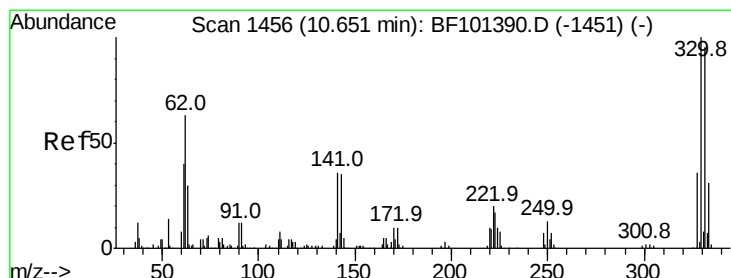
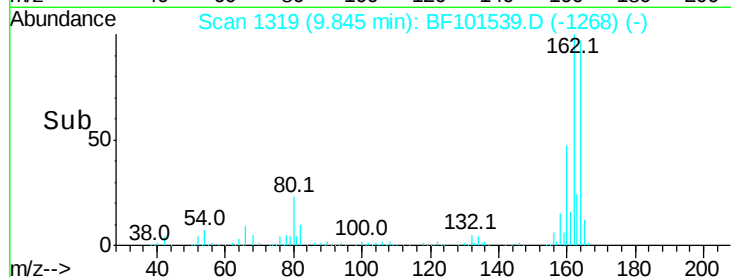
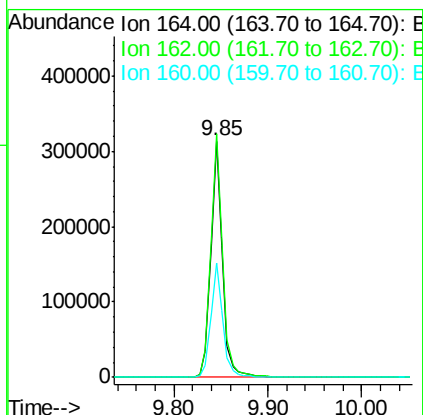
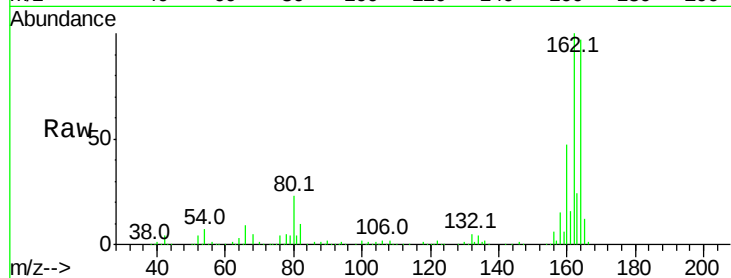




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

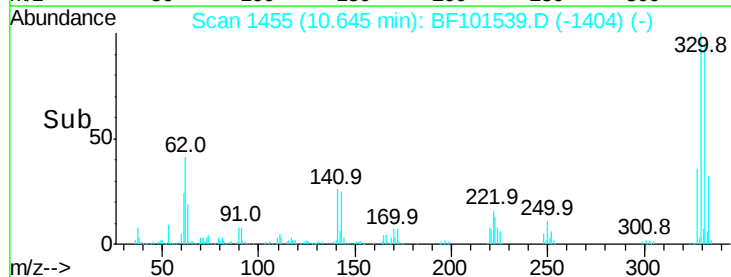
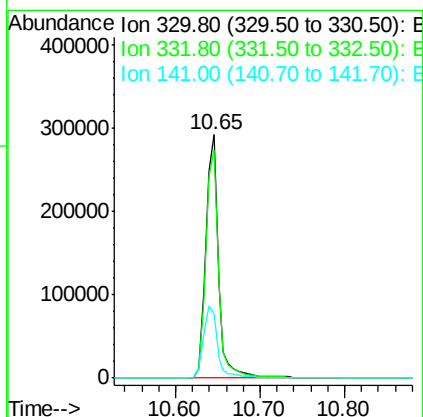
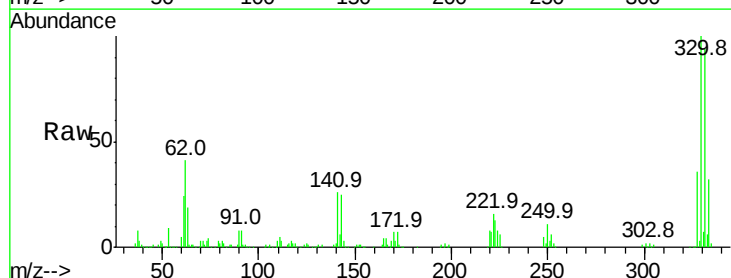
Instrument :
 BNA_F
 ClientSampled :
 72-11989

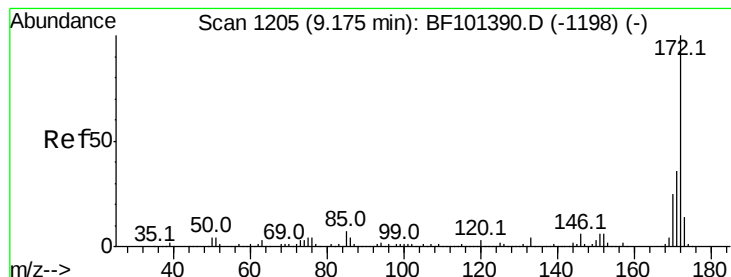
Tot Ion:164 Resp: 277846
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 48.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.365 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Tgt Ion:330 Resp: 306184
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.0 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 88.192 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Instrument :

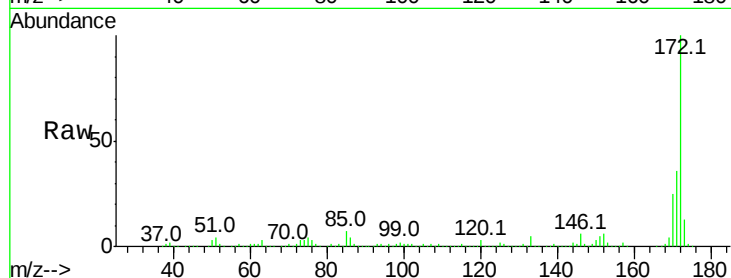
BNA_F

ClientSampleId :

72-11989

Tot Ion:172 Resp: 1579633

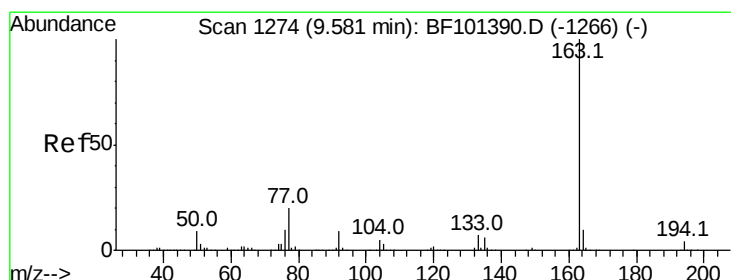
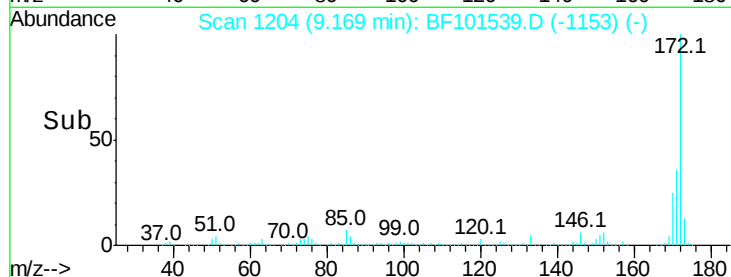
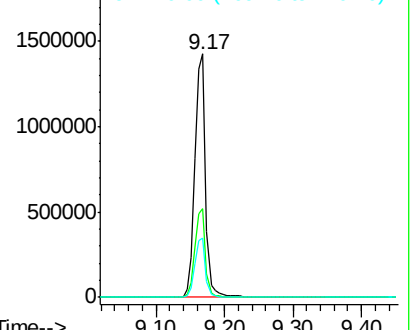
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4



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: 5.121 ng

RT: 9.56 min Scan# 1271

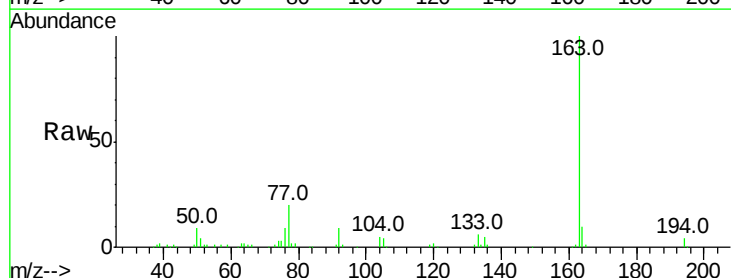
Delta R.T. -0.01 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Tgt Ion:163 Resp: 114448

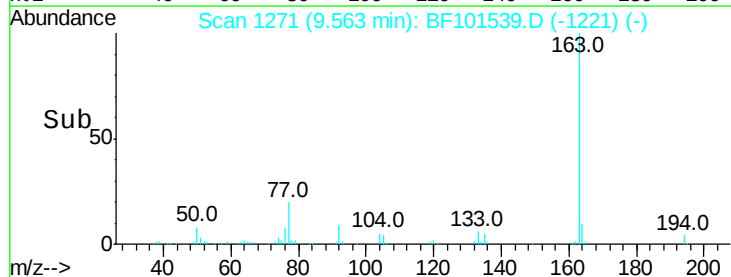
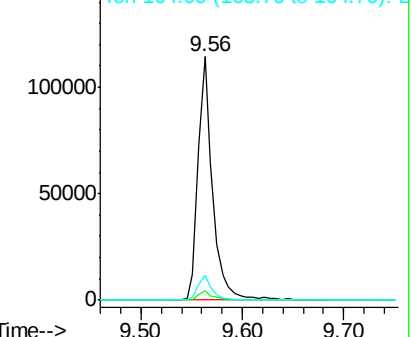
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

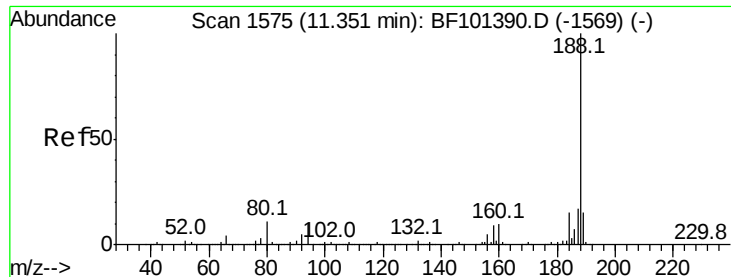


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

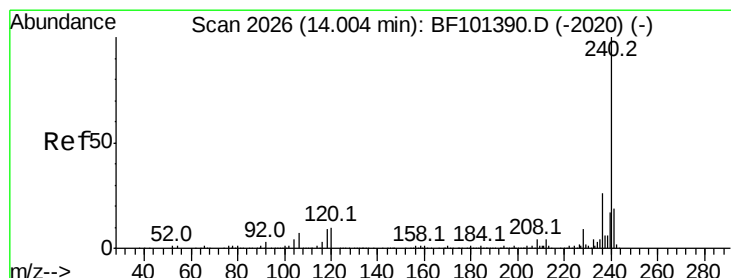
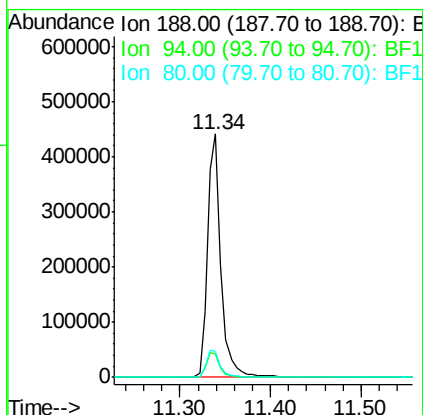
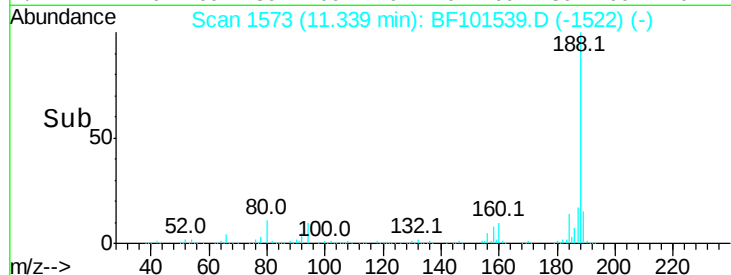
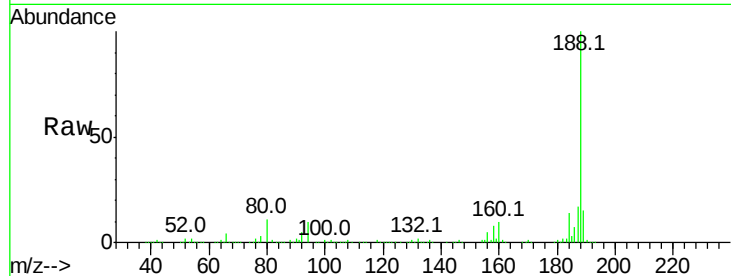




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

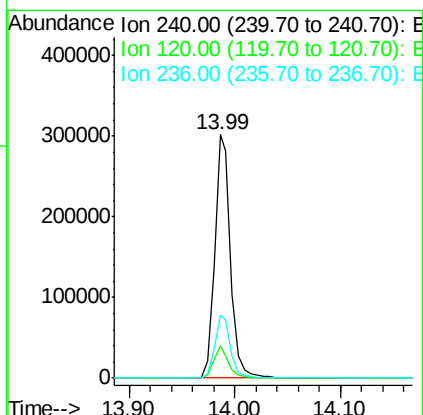
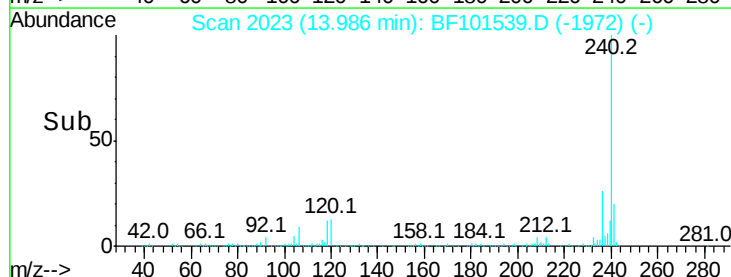
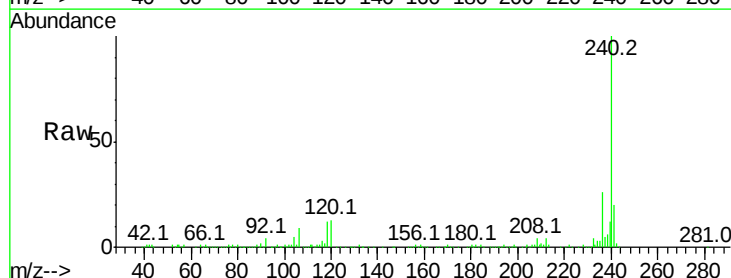
Instrument :
BNA_F
ClientSampleId :
72-11989

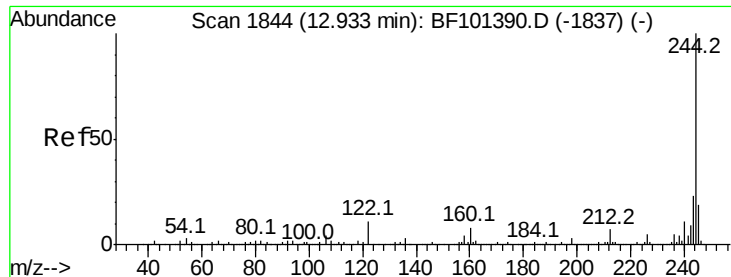
Tot Ion:188 Resp: 460352
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Tgt Ion:240 Resp: 317749
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.1 20.7 31.1

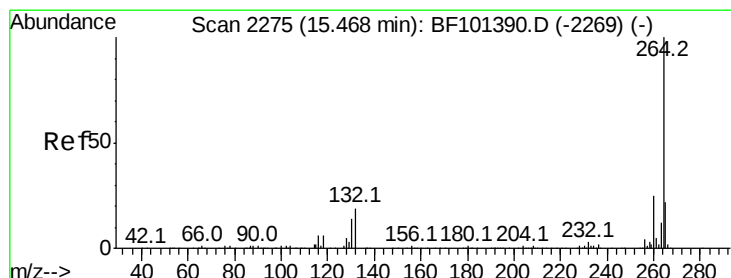
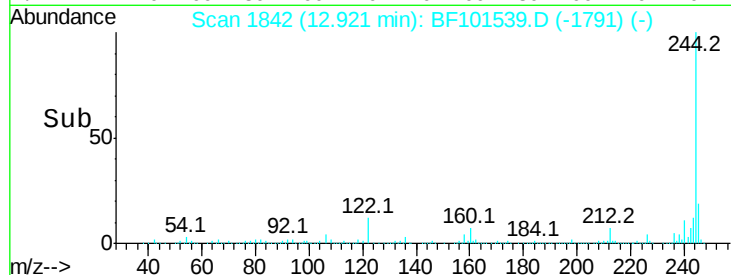
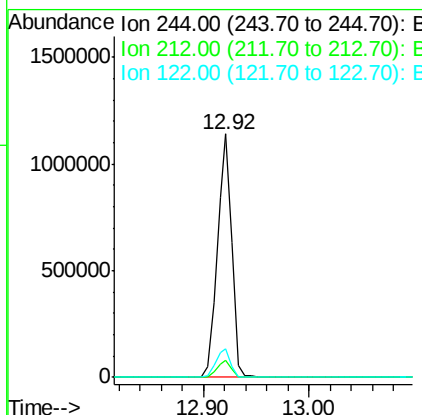
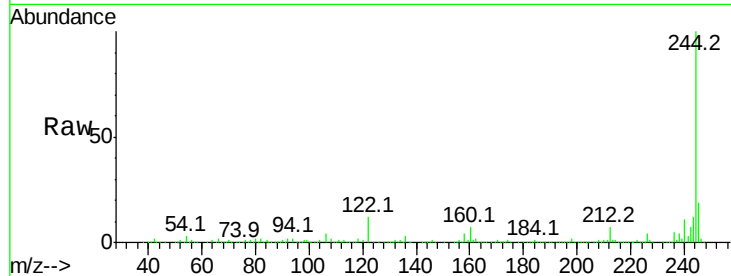




#78
 Terphenyl-d14
 Concen: 83.198 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Tot Ion:244 Resp: 1096581
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Tgt Ion:264 Resp: 318492
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.6 17.5 26.3

