

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101495.D
 Acq On : 18 Dec 2017 21:51
 Operator : SJ/JU
 Sample : I6888-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(50-52)

Quant Time: Dec 19 06:46:58 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

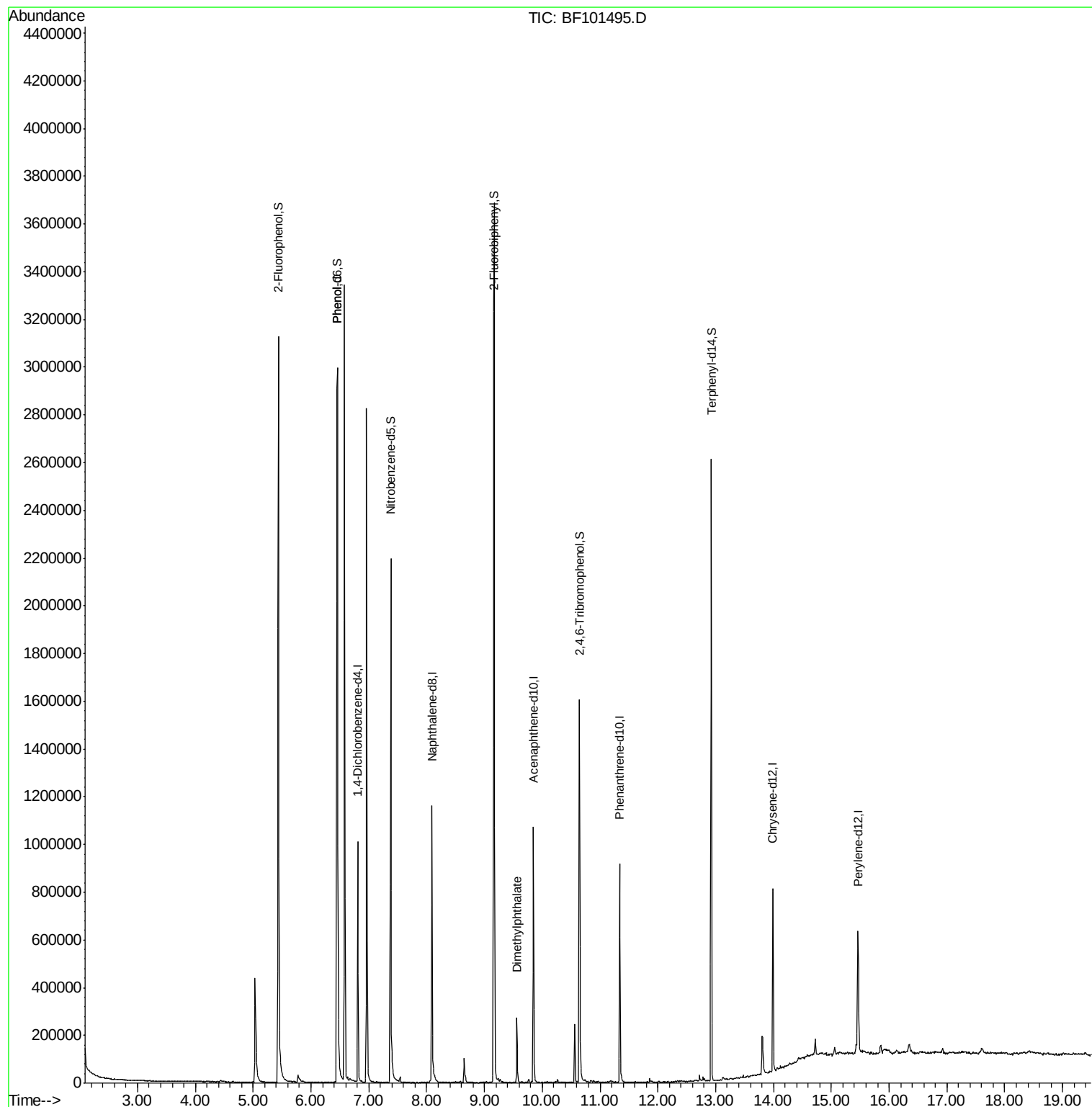
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149322	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571133	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	219841	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	355273	20.00	ng	0.00
75) Chrysene-d12	13.99	240	292440	20.00	ng	0.00
86) Perylene-d12	15.46	264	257155	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1088338	108.57	ng	0.02
7) Phenol-d6	6.46	99	1302580	104.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	788910	76.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229706	108.44	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1253396	88.44	ng	0.00
78) Terphenyl-d14	12.92	244	894211	73.72	ng	0.00
Target Compounds						
10) Phenol	6.46	94	67147	4.722	ng	83
49) Dimethylphthalate	9.56	163	122320	6.917	ng	99

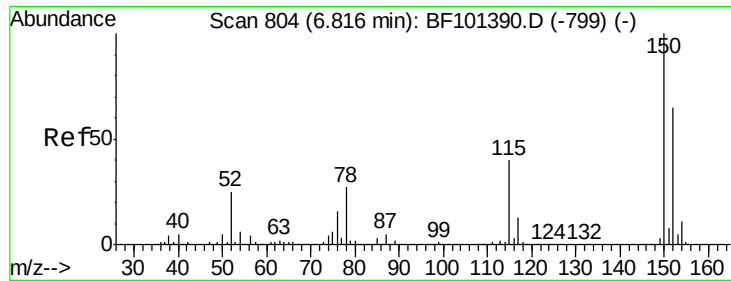
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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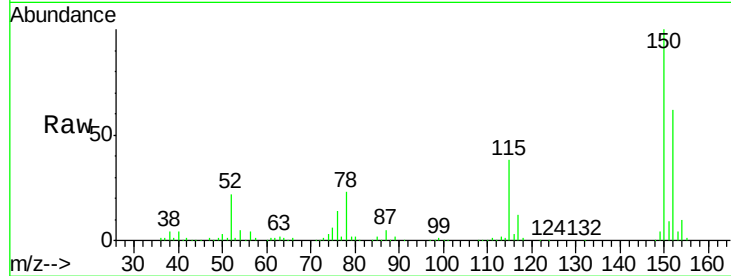


#1

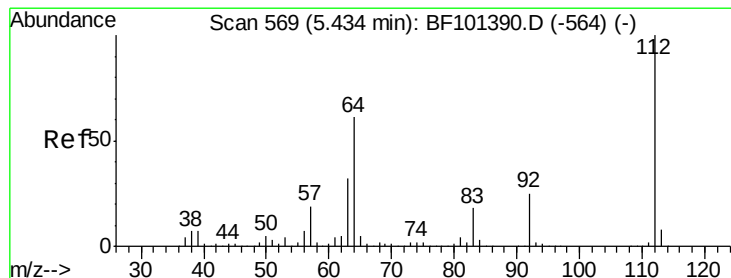
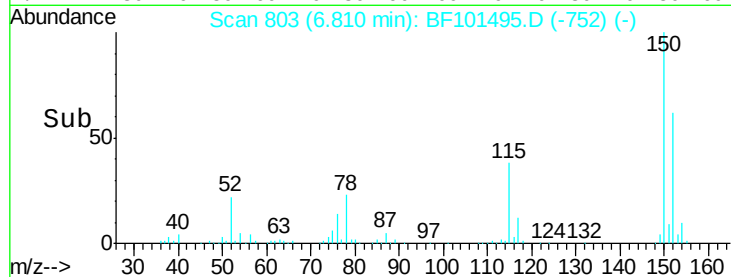
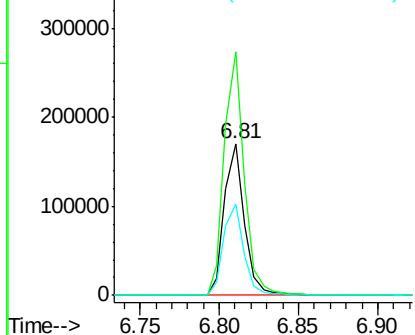
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:152 Resp: 149322
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 60.4 50.1 75.1



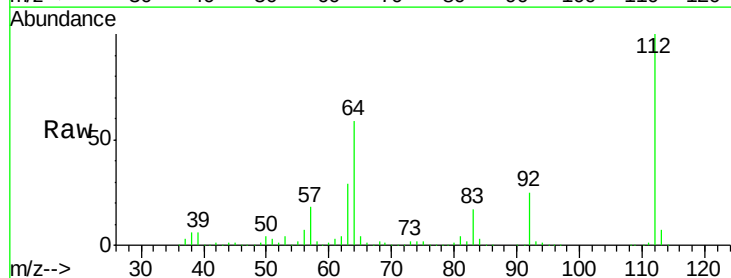
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



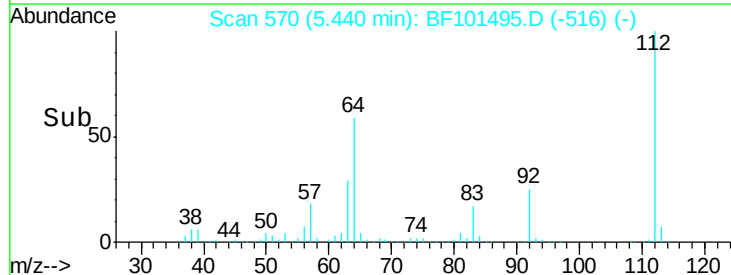
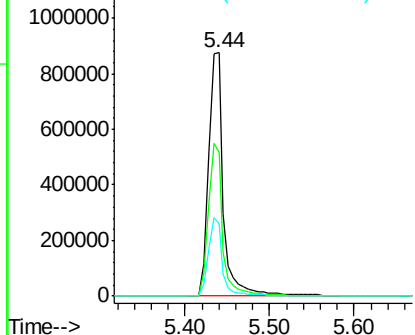
#5

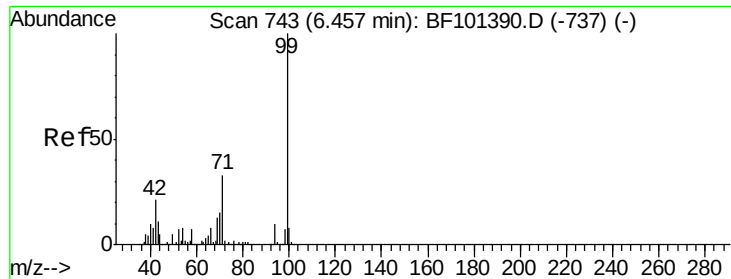
2-Fluorophenol
Concen: 108.568 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:112 Resp: 1088338
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.4 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: 104.408 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

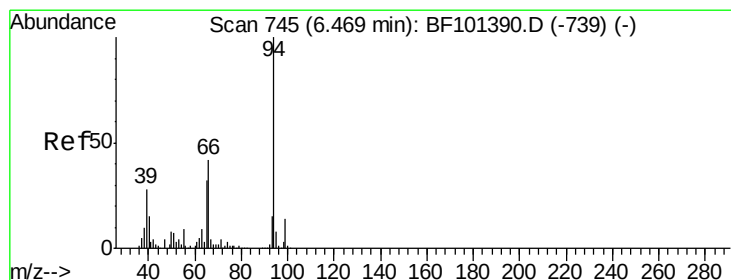
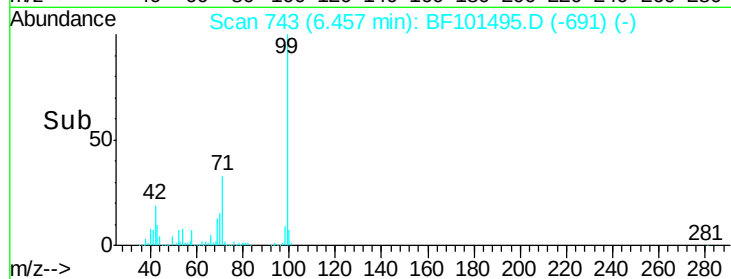
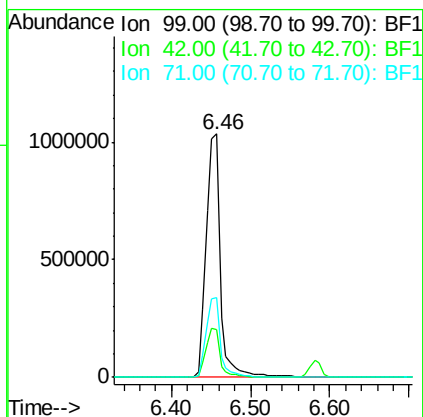
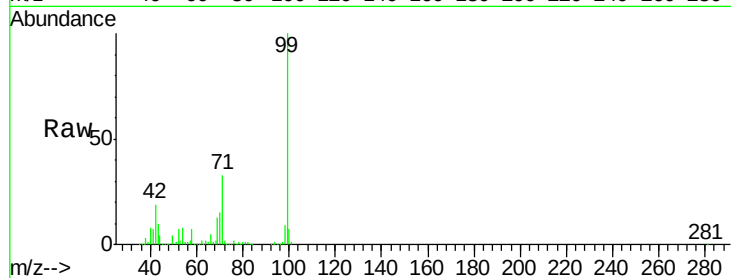
Tgt Ion: 99 Resp: 1302580

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 4.722 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

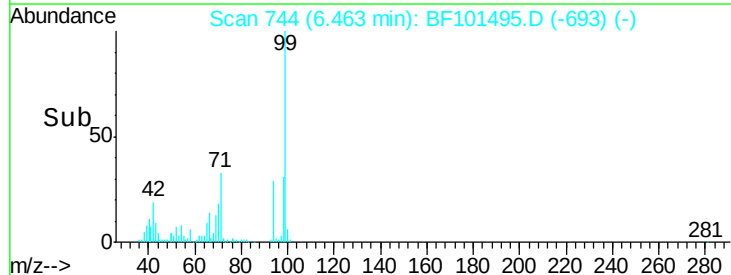
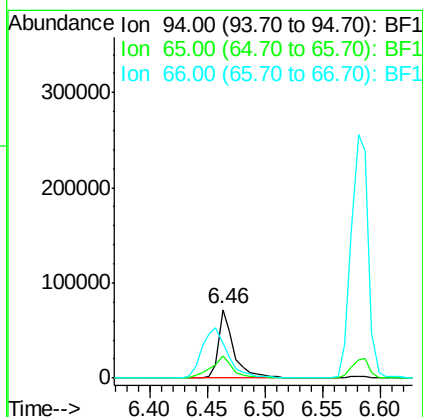
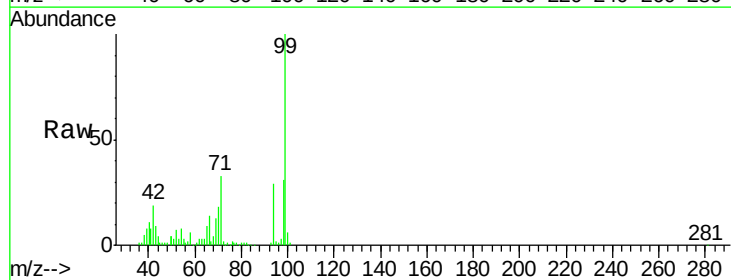
Tgt Ion: 94 Resp: 67147

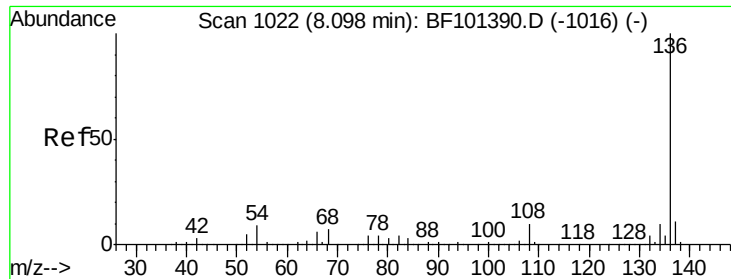
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 50.4 16.2 56.2

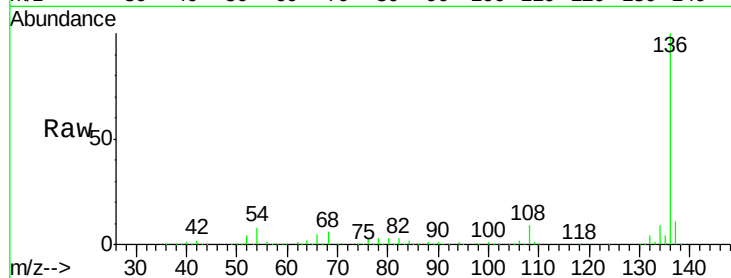




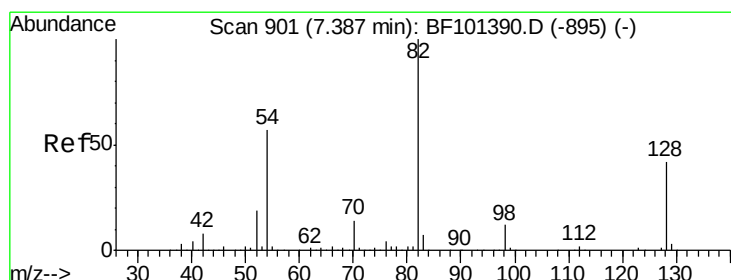
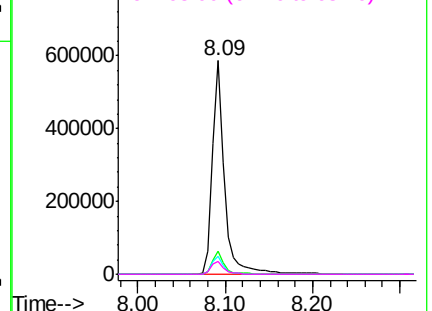
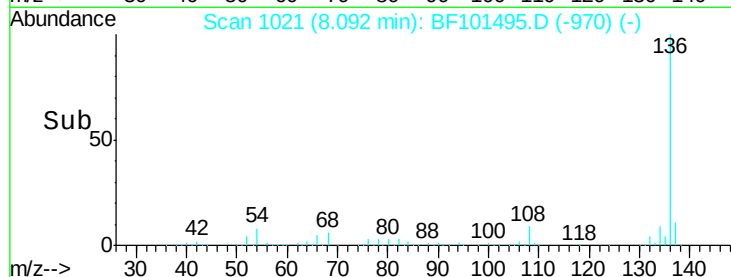
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:	136	Resp:	571133
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

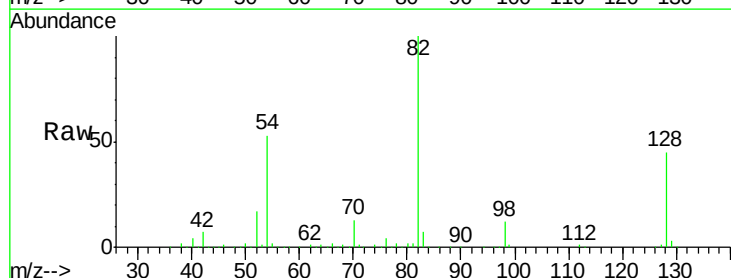


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

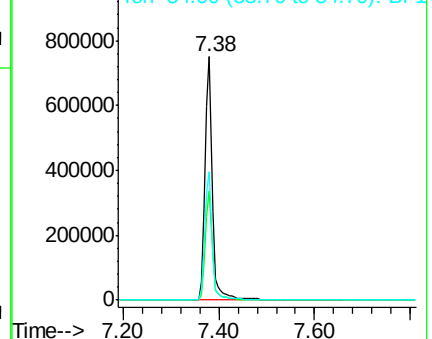
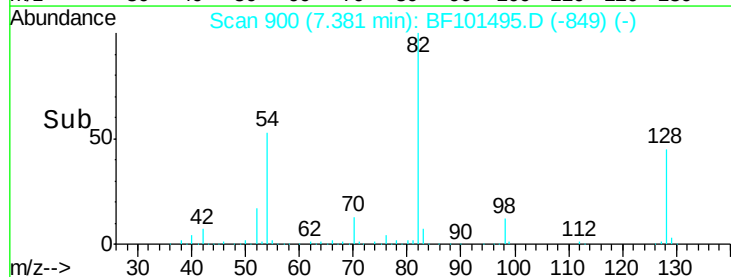


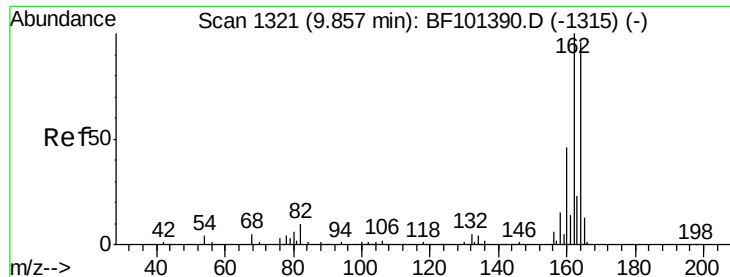
#23
Nitrobenzene-d5
Concen: 76.892 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:	82	Resp:	788910
Ion	Ratio	Lower	Upper
82	100		
128	44.7	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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

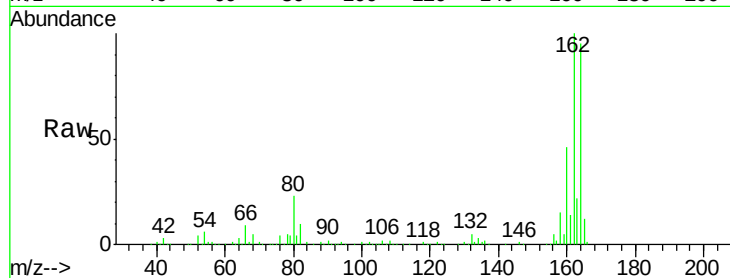
Tgt Ion:164 Resp: 219841

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

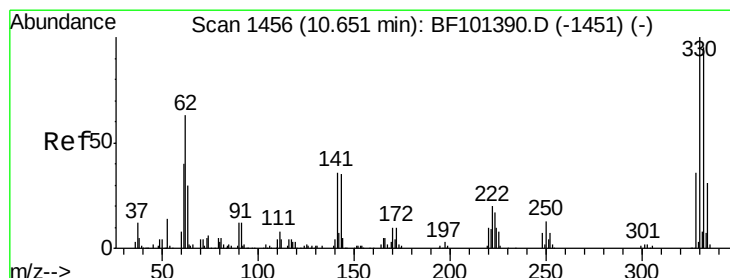
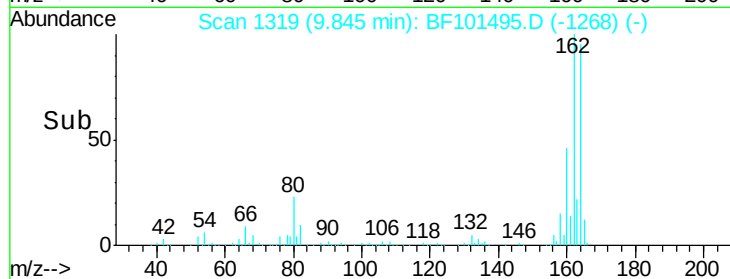
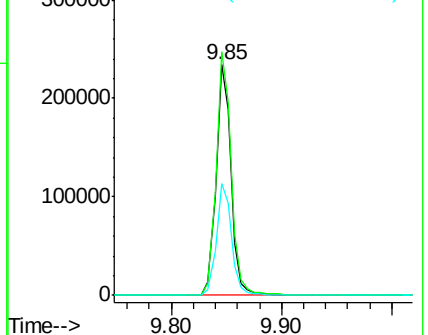
160 48.4 38.3 57.5



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: 108.437 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

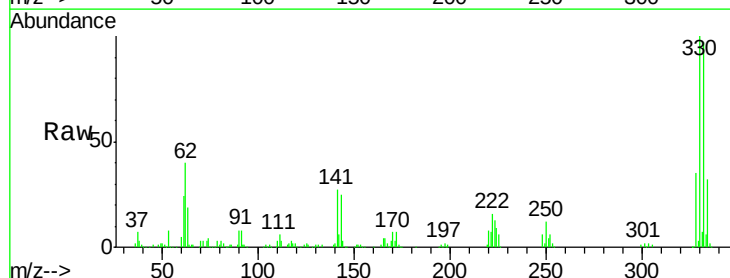
Tgt Ion:330 Resp: 229706

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

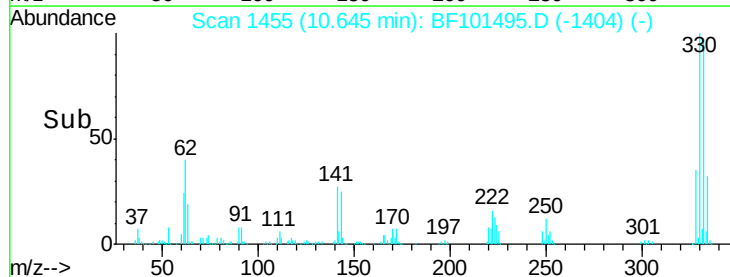
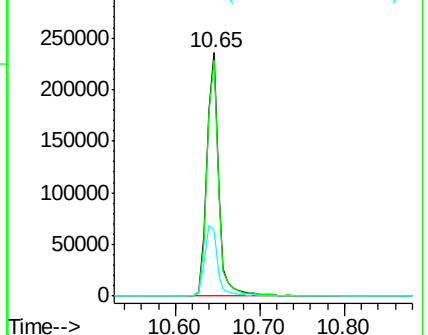
141 31.8 29.9 44.9

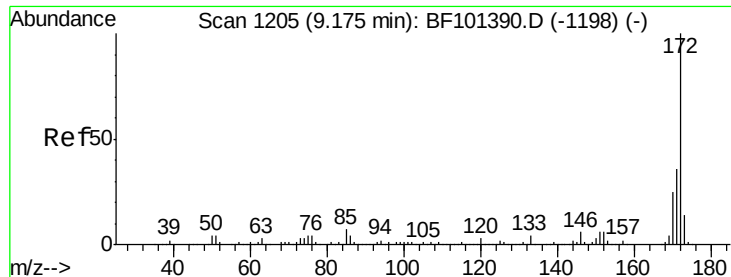


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

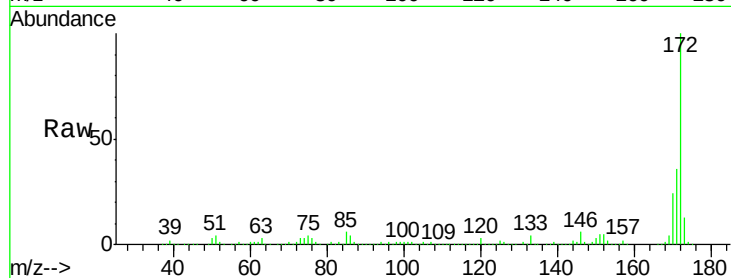




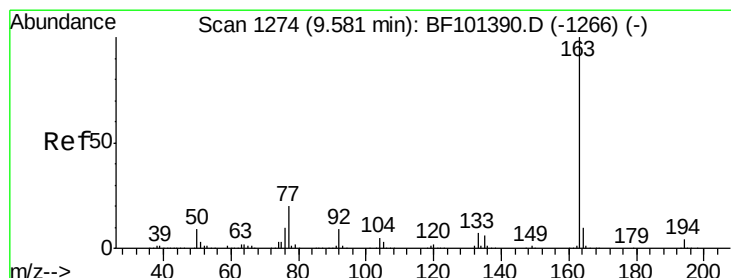
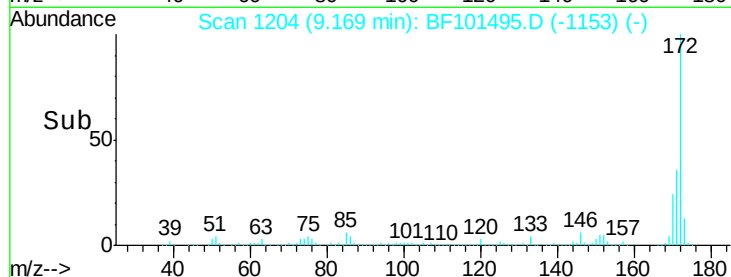
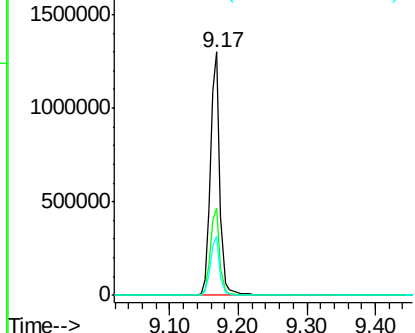
#44
2-Fluorobiphenyl
Concen: 88.442 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tgt Ion:172 Resp: 1253396
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.1 19.6 29.4

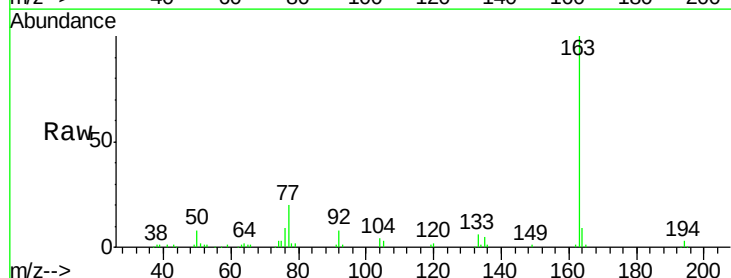


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

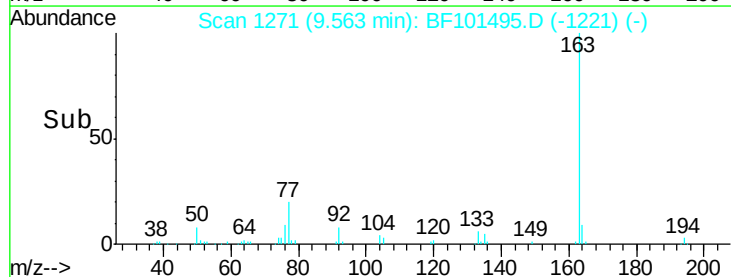
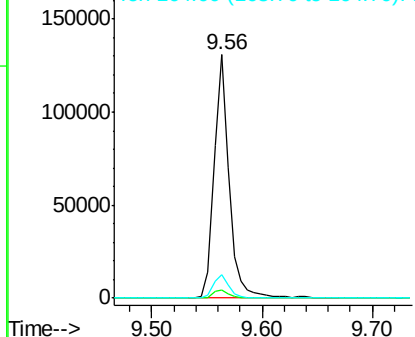


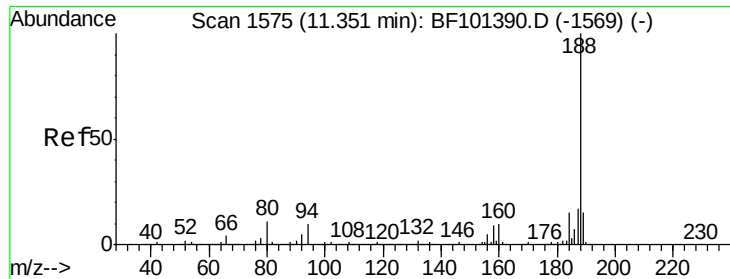
#49
Dimethylphthalate
Concen: 6.917 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:163 Resp: 122320
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

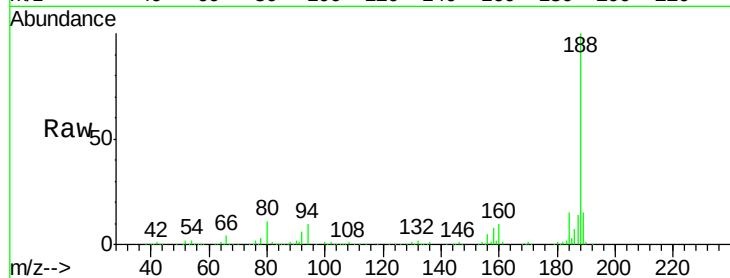
Tgt Ion:188 Resp: 355273

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 11.3 9.2 13.8

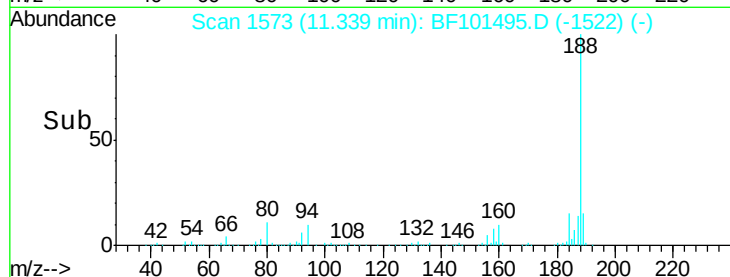


Abundance Ion 188.00 (187.70 to 188.70): E

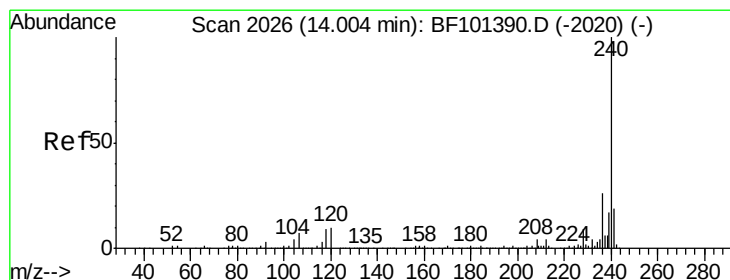
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

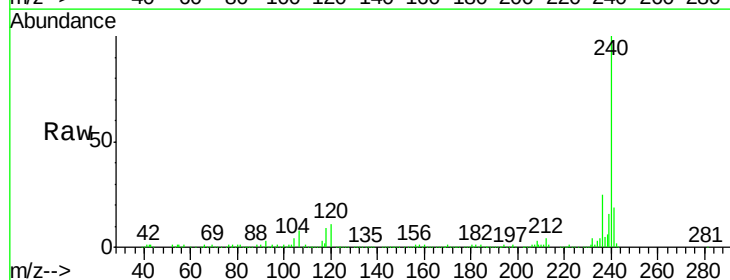
Tgt Ion:240 Resp: 292440

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

236 24.8 20.7 31.1

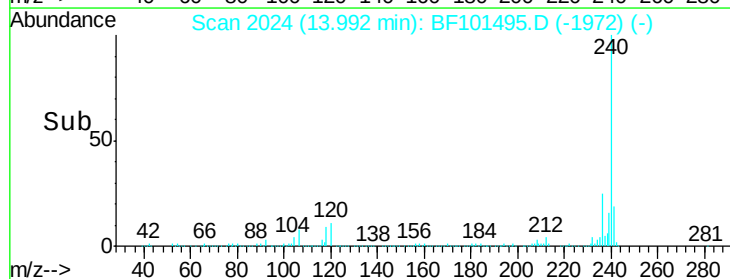


Abundance Ion 240.00 (239.70 to 240.70): E

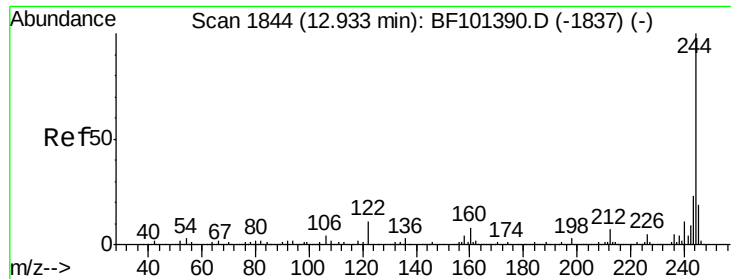
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



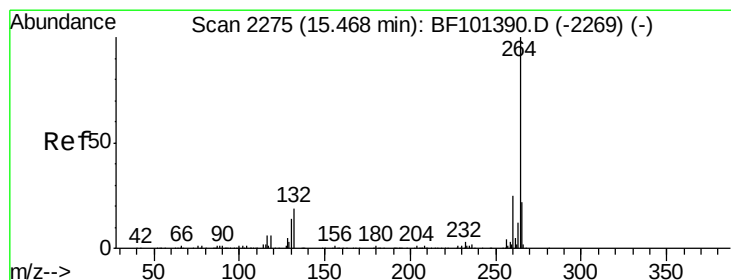
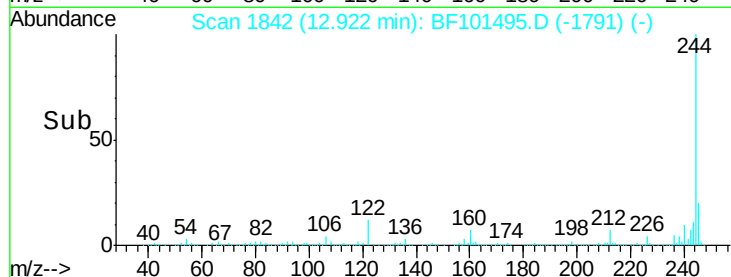
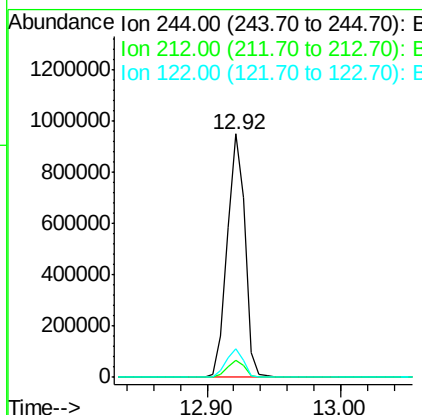
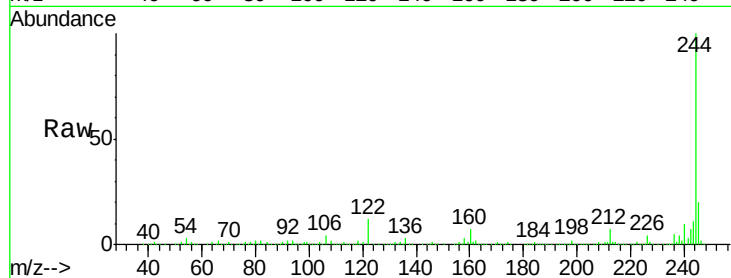
Time-->



#78
 Terphenyl-d14
 Concen: 73.716 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101495.D
 Acq: 18 Dec 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(50-52)

Tgt Ion:244 Resp: 894211
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101495.D
 Acq: 18 Dec 2017 21:51

Tgt Ion:264 Resp: 257155
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 17.5 26.3

