

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099802.D
 Acq On : 24 Oct 2017 21:49
 Operator : SJ/JU
 Sample : I5956-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(70-72)

Quant Time: Oct 25 08:42:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95153	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	387010	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	163878	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	254586	20.00	ng	0.00
75) Chrysene-d12	13.98	240	177395	20.00	ng	0.00
86) Perylene-d12	15.45	264	170934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	509683	84.09	ng	0.00
7) Phenol-d6	6.45	99	594319	82.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	332647	55.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	103175	69.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	658516	62.00	ng	0.00
78) Terphenyl-d14	12.92	244	429726	52.94	ng	0.00

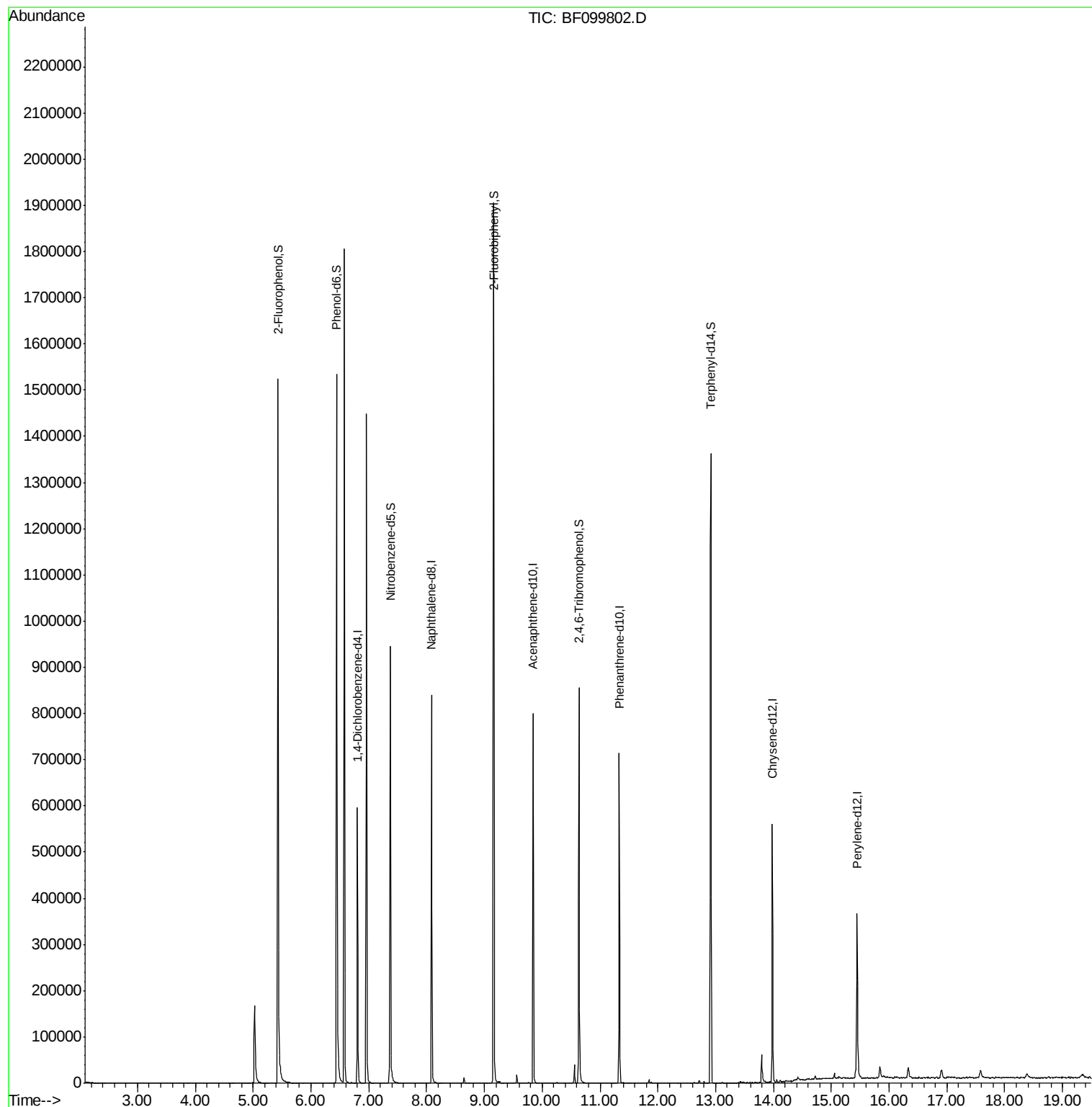
Target Compounds Qvalue

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

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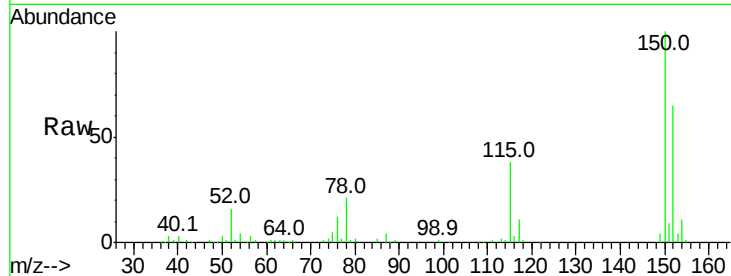


#1

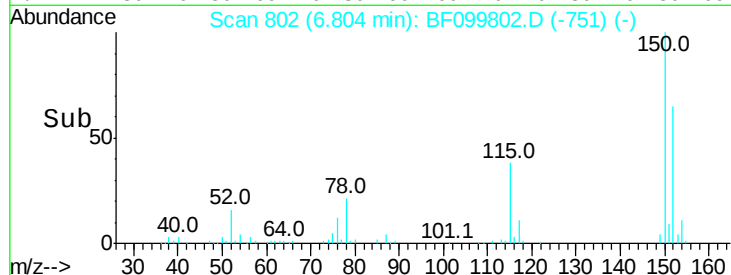
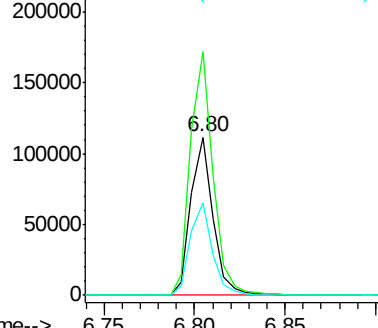
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(70-72)

Tot Ion:152 Resp: 95153
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 58.6 50.1 75.1



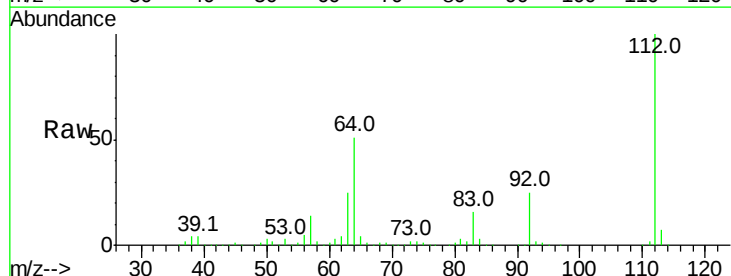
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



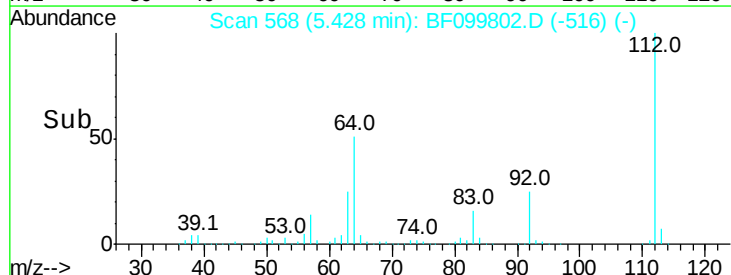
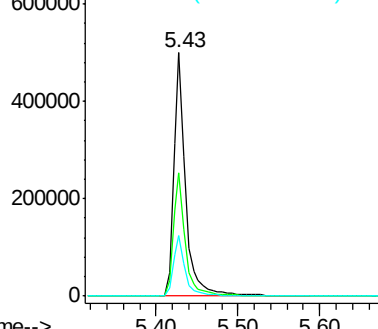
#5

2-Fluorophenol
Concen: 84.095 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Tgt Ion:112 Resp: 509683
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 24.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.700 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

Instrument :

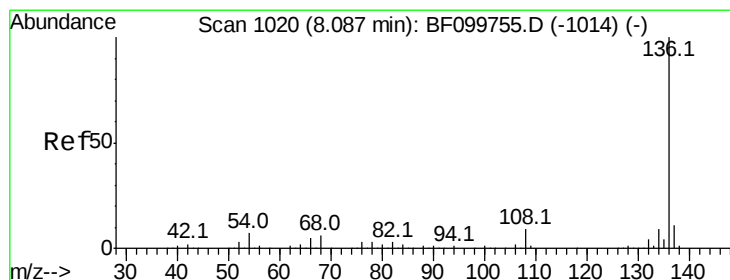
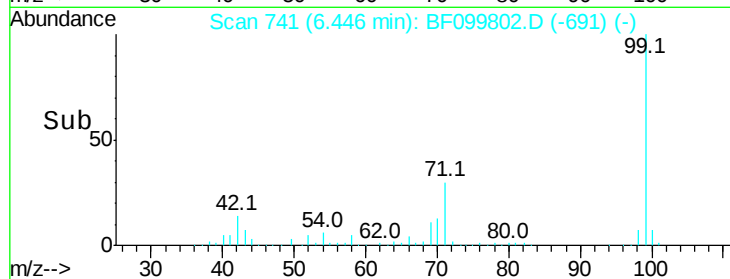
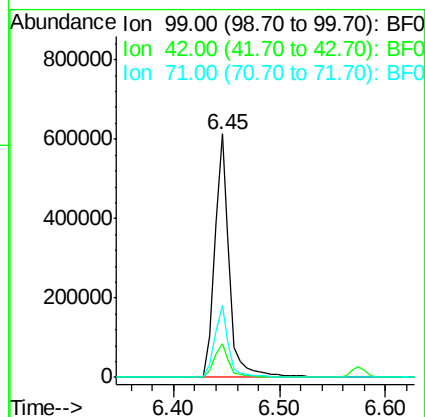
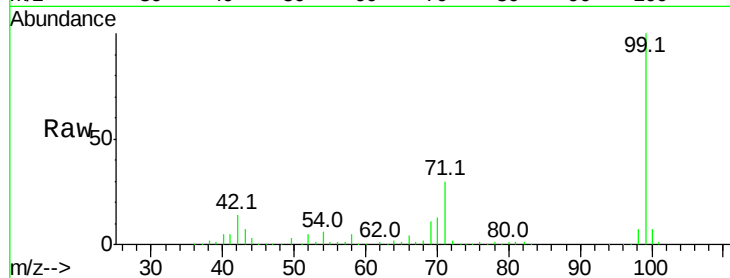
BNA_F

ClientSampleId :

EPE-M-6(70-72)

Tot Ion: 99 Resp: 594319

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	29.8	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

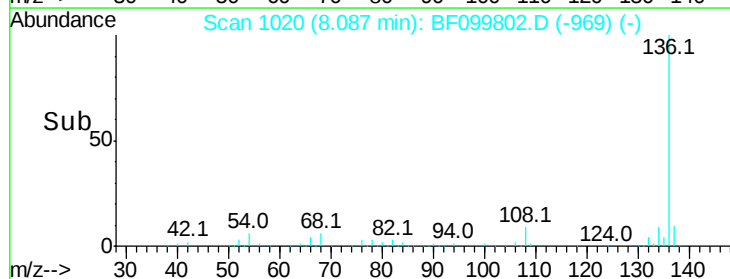
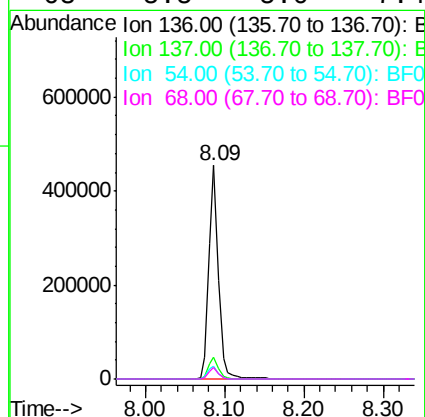
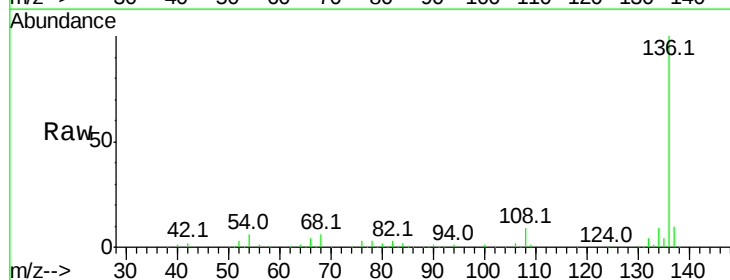
Delta R.T. 0.00 min

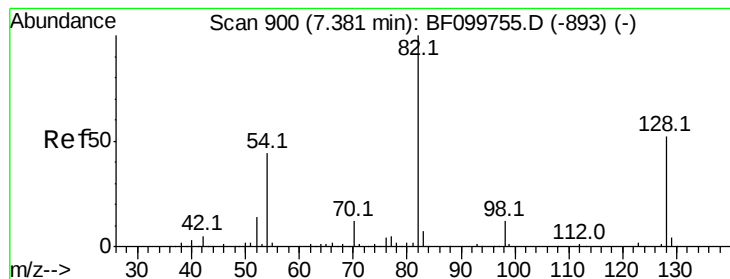
Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

Tgt Ion: 136 Resp: 387010

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 55.337 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(70-72)

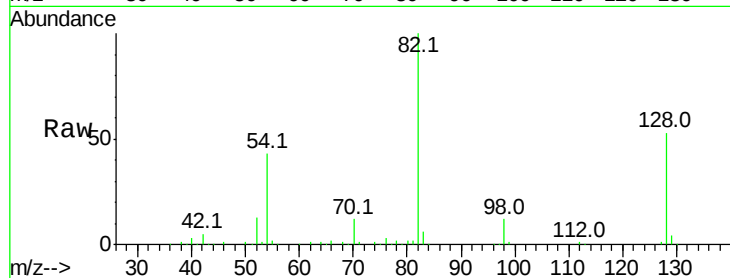
Tot Ion: 82 Resp: 332647

Ion Ratio Lower Upper

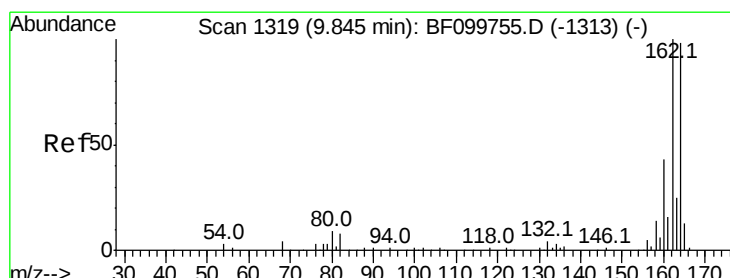
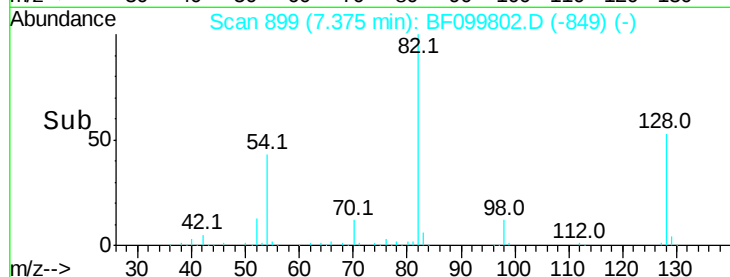
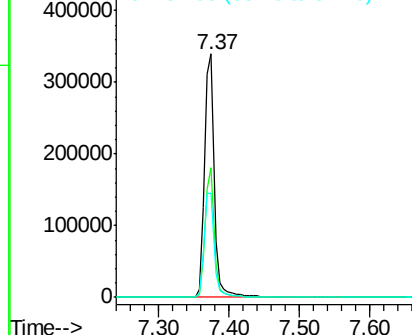
82 100

128 53.3 36.1 54.1

54 42.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

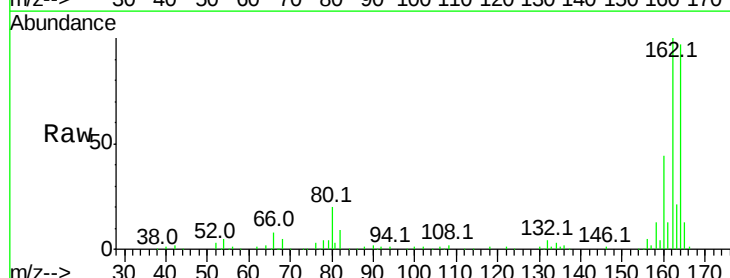
Tgt Ion:164 Resp: 163878

Ion Ratio Lower Upper

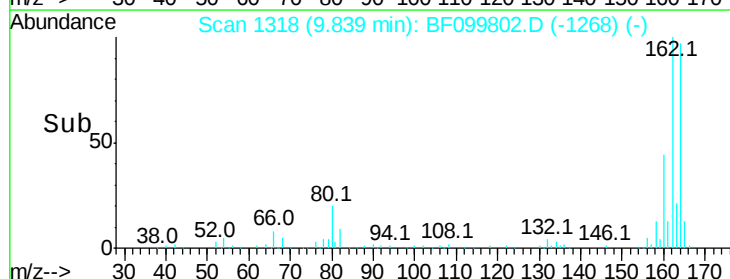
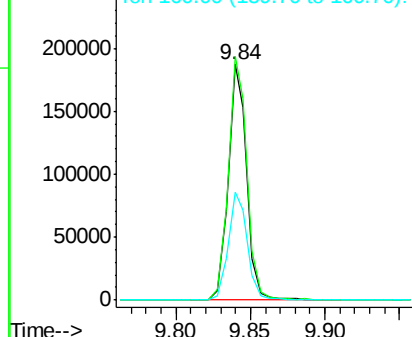
164 100

162 103.3 86.1 129.1

160 45.6 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: 69.085 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(70-72)

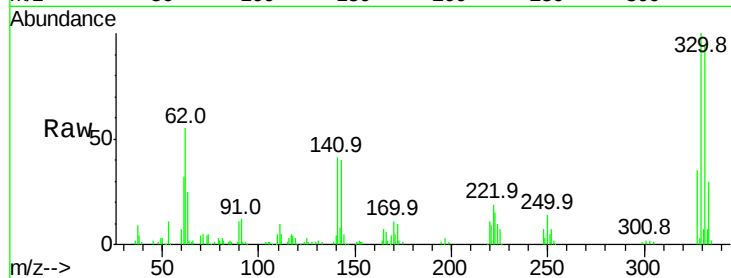
Tot Ion:330 Resp: 103175

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

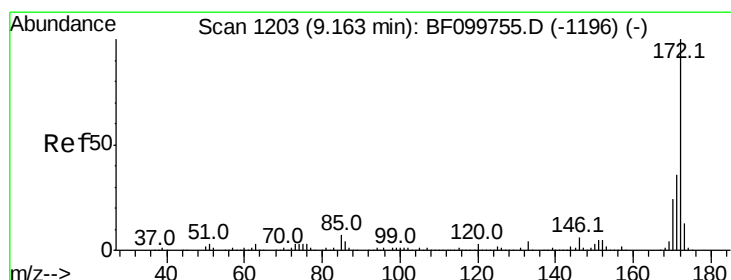
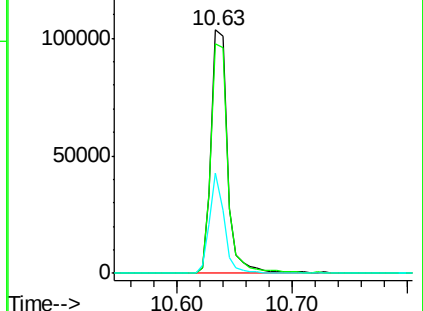
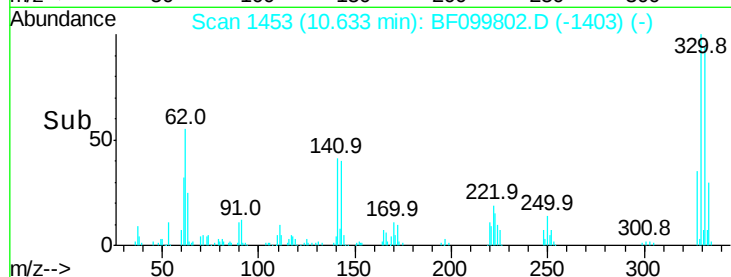
141 36.7 29.9 44.9



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: 61.996 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF099802.D

Acq: 24 Oct 2017 21:49

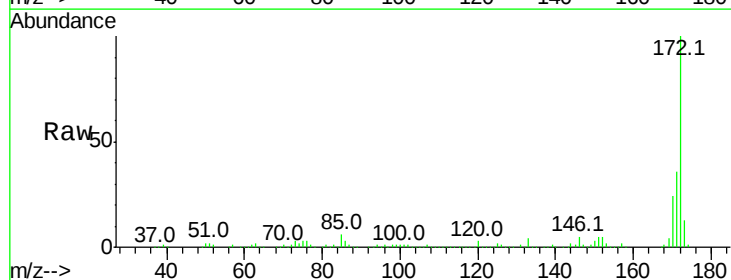
Tgt Ion:172 Resp: 658516

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

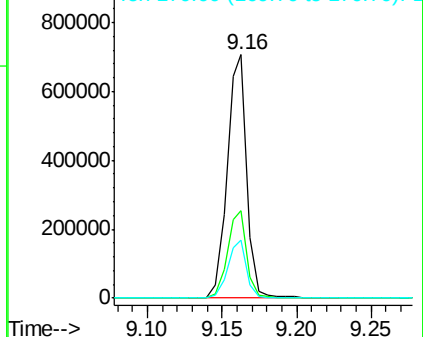
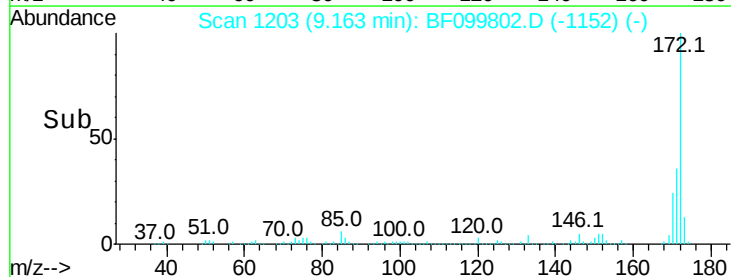
170 23.8 19.6 29.4

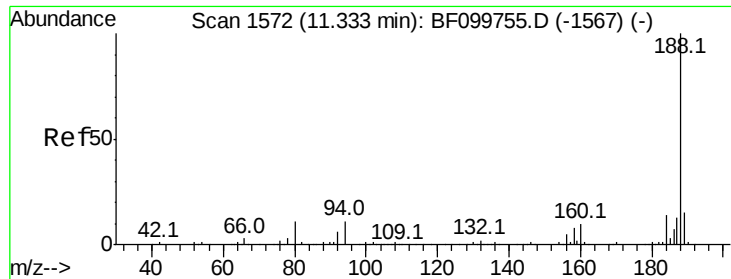


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

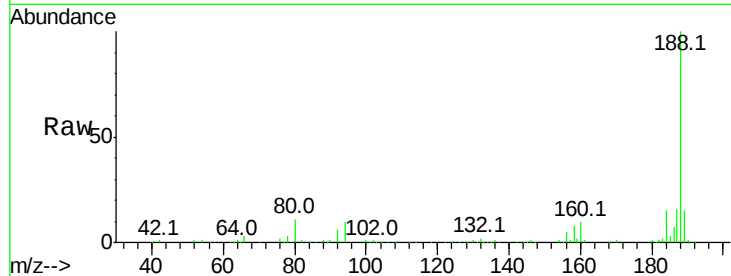




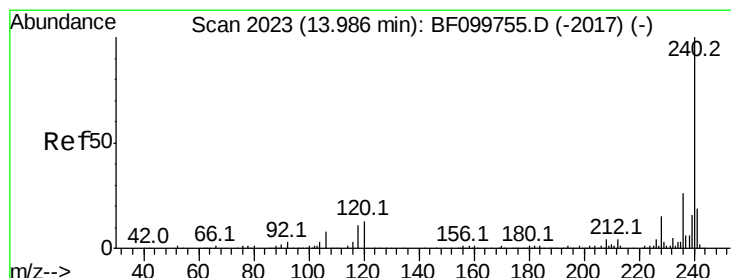
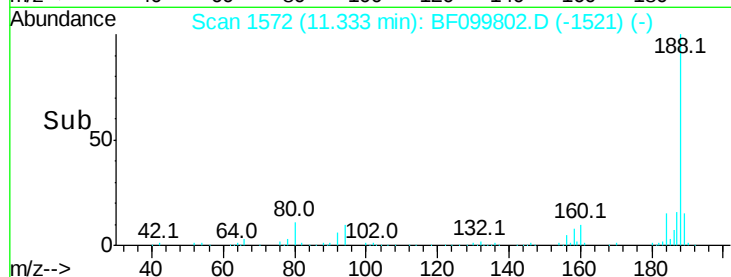
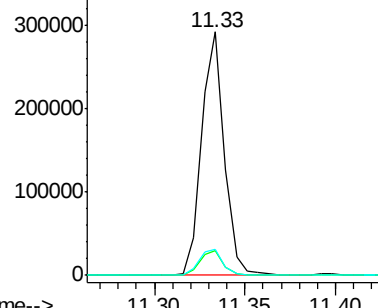
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(70-72)

Tot Ion:188 Resp: 254586
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8

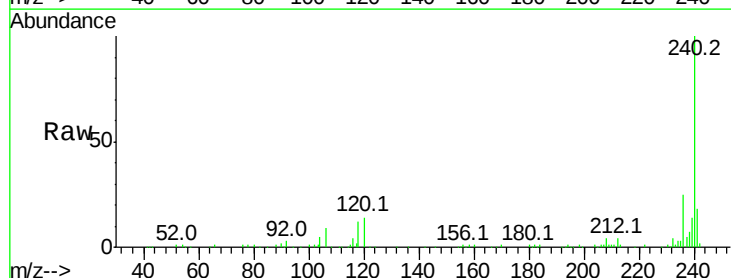


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

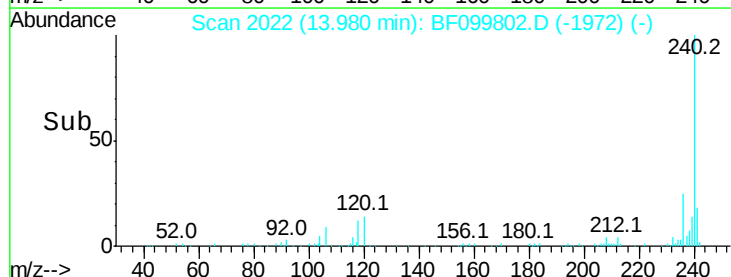
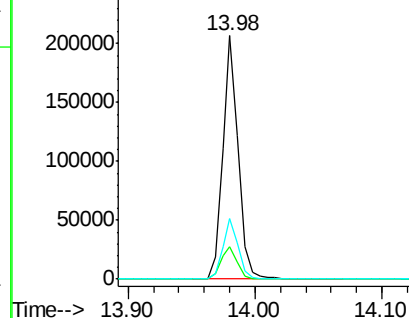


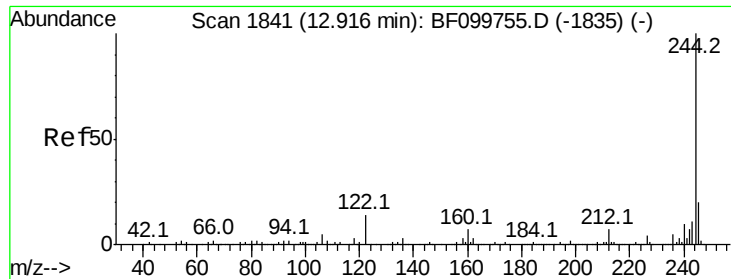
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099802.D
Acq: 24 Oct 2017 21:49

Tgt Ion:240 Resp: 177395
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.0 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

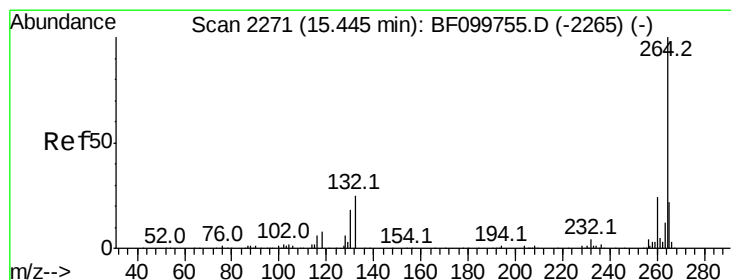
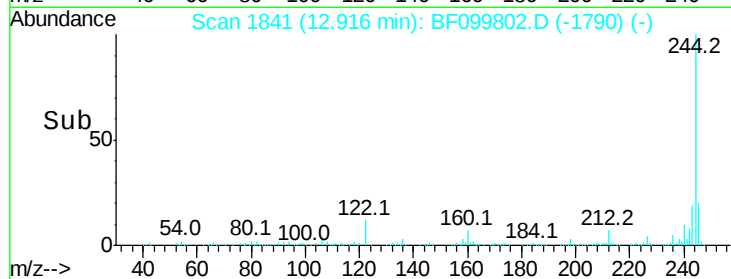
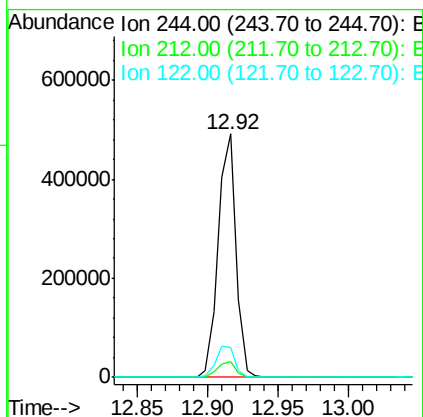
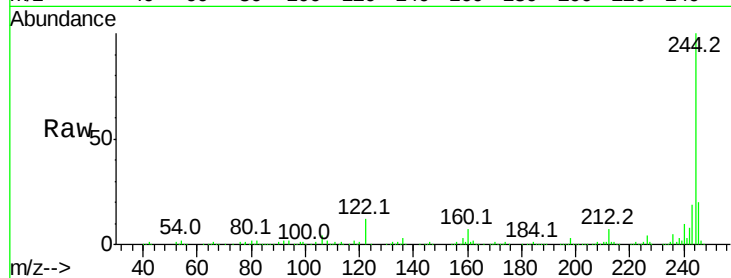




#78
 Terphenyl-d14
 Concen: 52.939 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(70-72)

Tot Ion:244 Resp: 429726
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099802.D
 Acq: 24 Oct 2017 21:49

Tgt Ion:264 Resp: 170934
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.8 17.5 26.3

