

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099805.D
 Acq On : 24 Oct 2017 23:14
 Operator : SJ/JU
 Sample : I5956-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(20-22)

Quant Time: Oct 25 08:52:10 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

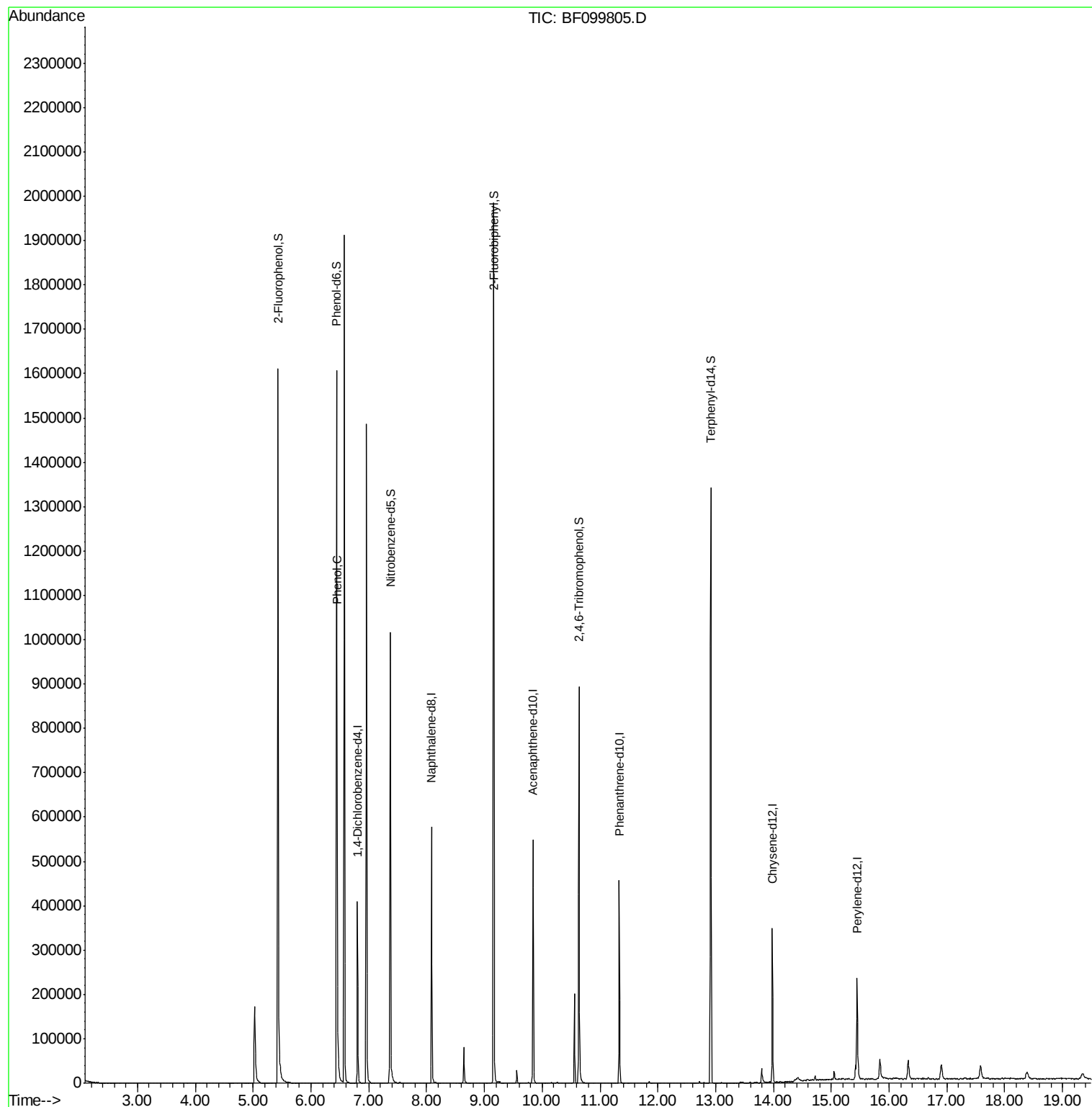
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	66226	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	258330	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	111492	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	163304	20.00	ng	0.00
75) Chrysene-d12	13.98	240	115380	20.00	ng	0.00
86) Perylene-d12	15.44	264	111979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	539519	127.90	ng	0.00
7) Phenol-d6	6.45	99	630623	126.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	360490	89.84	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	109854	108.12	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	670229	92.75	ng	0.00
78) Terphenyl-d14	12.92	244	396353	75.07	ng	0.00
Target Compounds						
10) Phenol	6.46	94	13646	2.485	ng	Qvalue 78

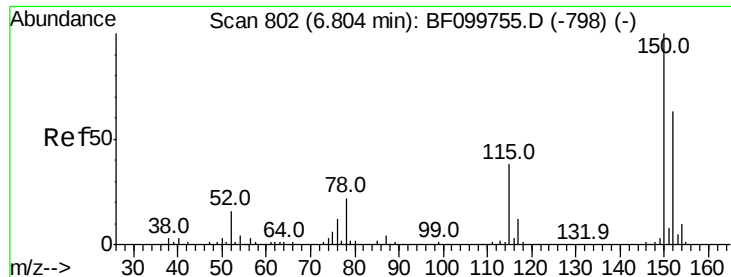
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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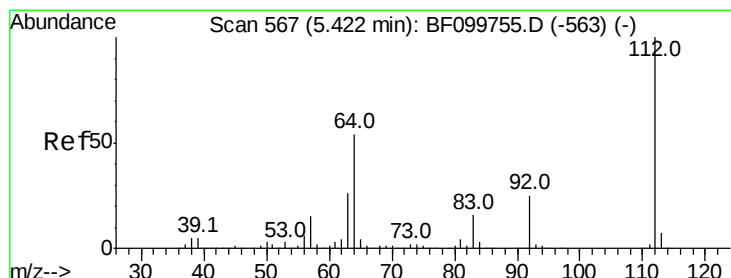
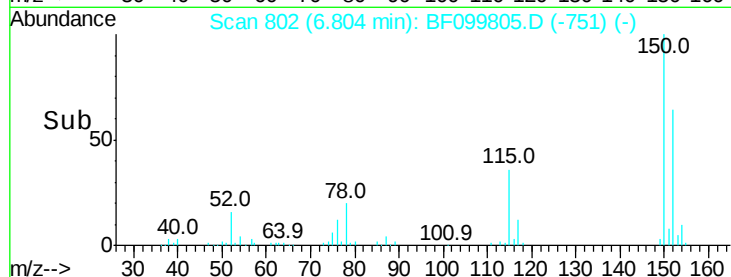
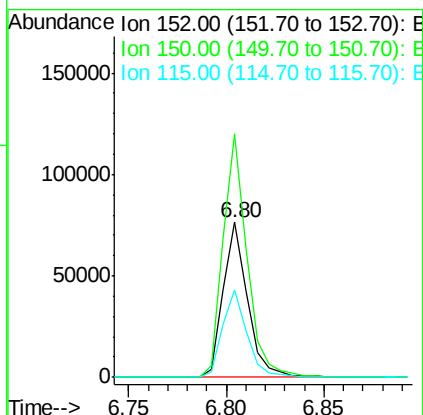
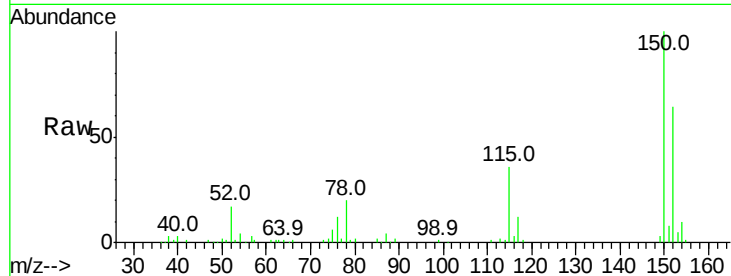


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099805.D
Acq: 24 Oct 2017 23:14

Instrument :
BNA_F
ClientSampleId :
EPE-120-1(20-22)

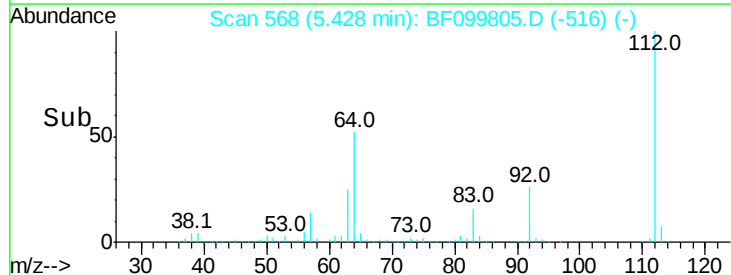
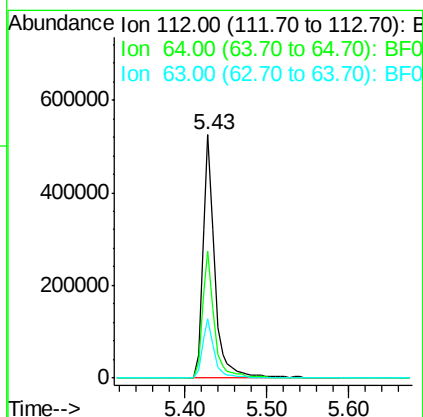
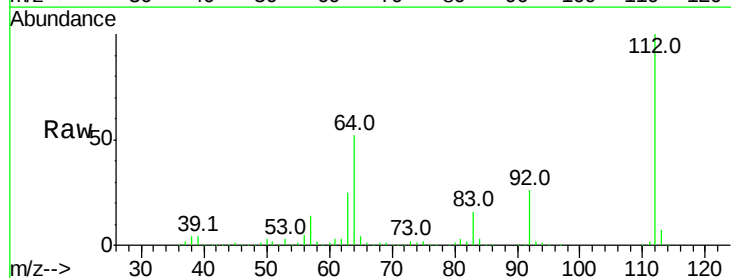
Tot Ion:152 Resp: 66226
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 56.7 50.1 75.1

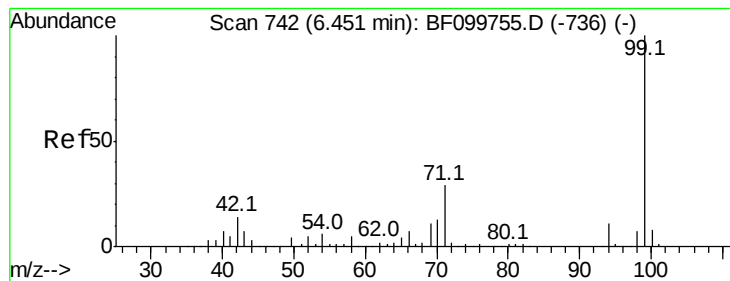


#5

2-Fluorophenol
Concen: 127.899 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099805.D
Acq: 24 Oct 2017 23:14

Tgt Ion:112 Resp: 539519
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 24.5 23.7 35.5





#7

Phenol-d6

Concen: 126.081 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099805.D

Acq: 24 Oct 2017 23:14

Instrument :

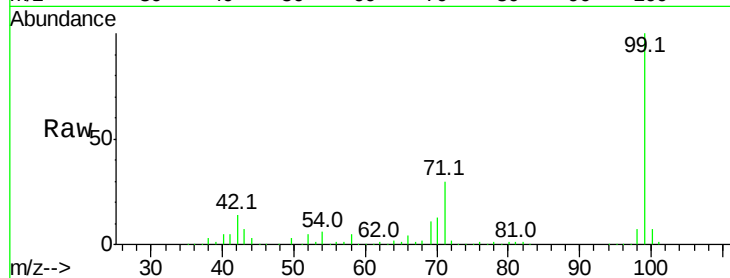
BNA_F

ClientSampleId :

EPE-120-1(20-22)

Tot Ion: 99 Resp: 630623

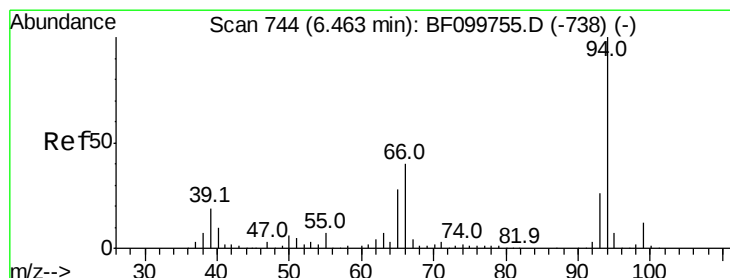
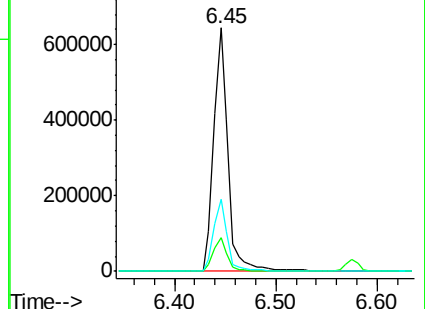
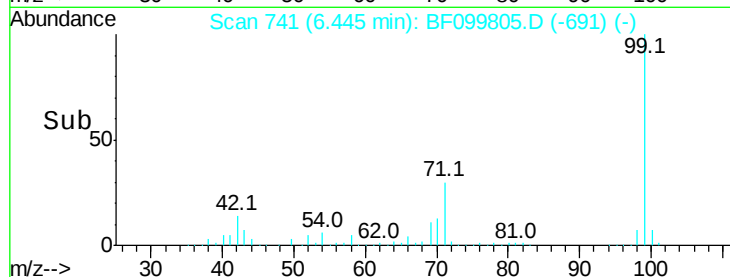
Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.8	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.485 ng

RT: 6.46 min Scan# 743

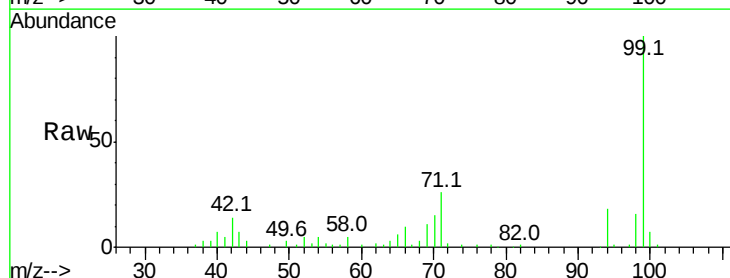
Delta R.T. -0.01 min

Lab File: BF099805.D

Acq: 24 Oct 2017 23:14

Tgt Ion: 94 Resp: 13646

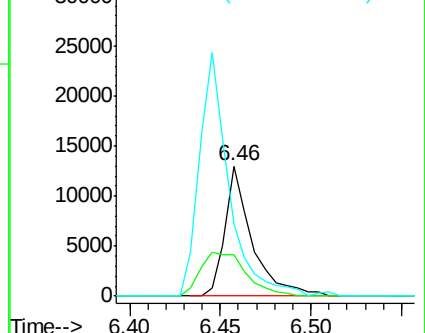
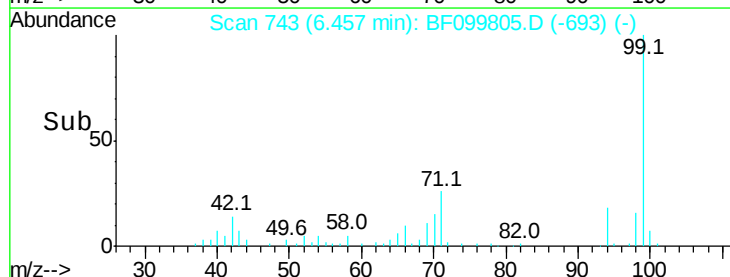
Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.9	47.9
66	55.7	16.2	56.2

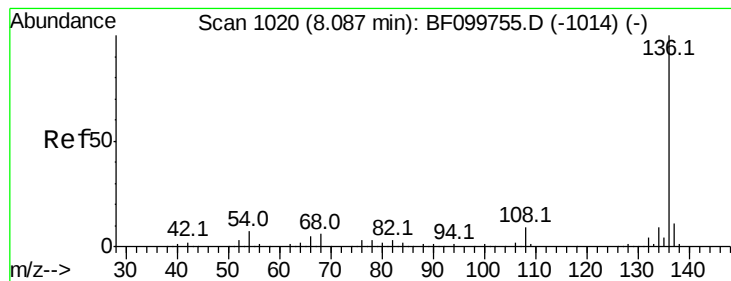


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099805.D

Acq: 24 Oct 2017 23:14

Instrument :

BNA_F

ClientSampleId :

EPE-120-1(20-22)

Tot Ion:136 Resp: 258330

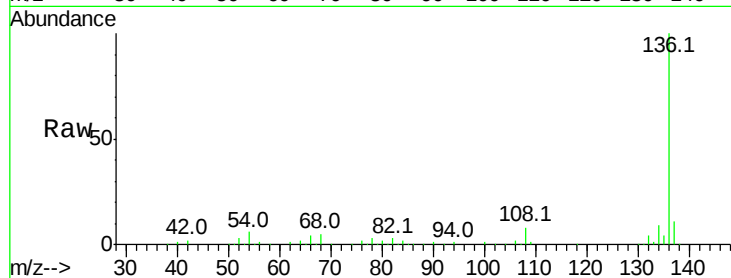
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

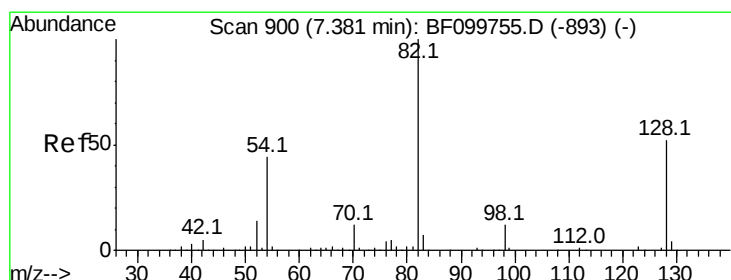
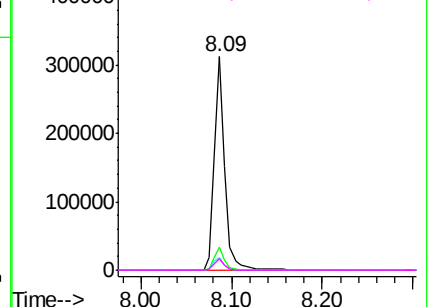
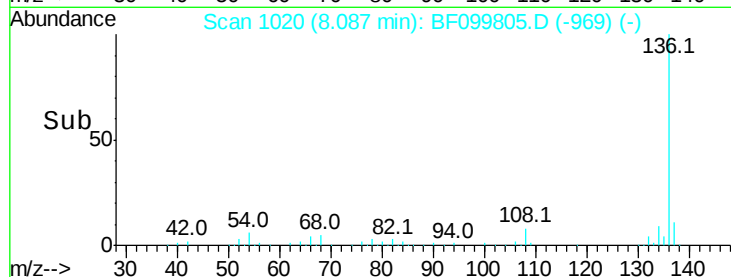


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.841 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099805.D

Acq: 24 Oct 2017 23:14

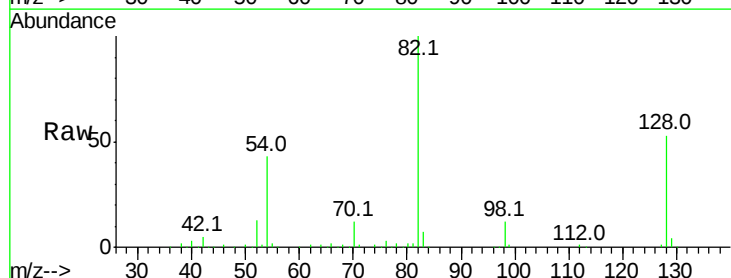
Tgt Ion: 82 Resp: 360490

Ion Ratio Lower Upper

82 100

128 52.8 36.1 54.1

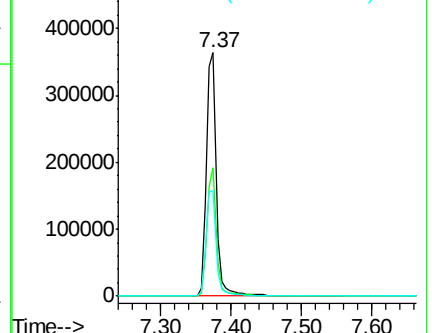
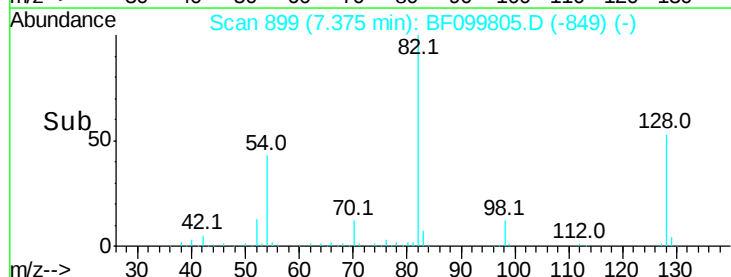
54 43.2 41.4 62.2

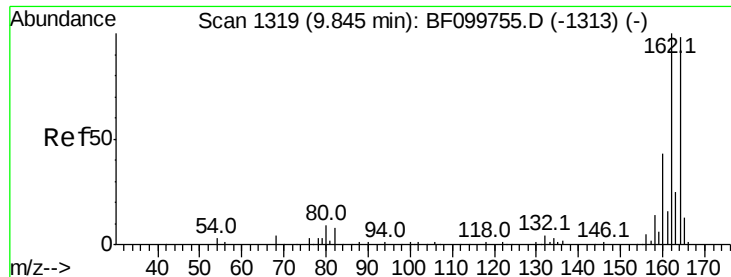


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF099805.D

Acq: 24 Oct 2017 23:14

Instrument :

BNA_F

ClientSampleId :

EPE-120-1(20-22)

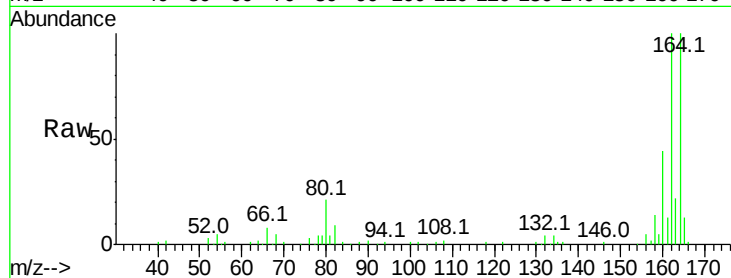
Tot Ion:164 Resp: 111492

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

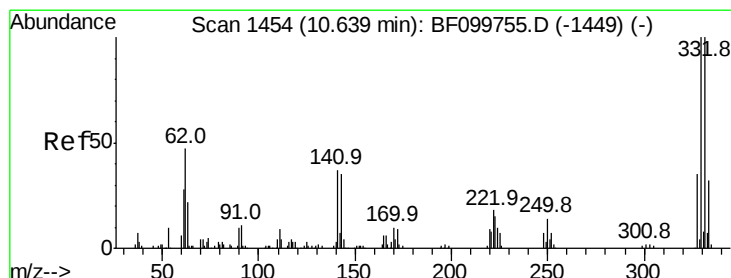
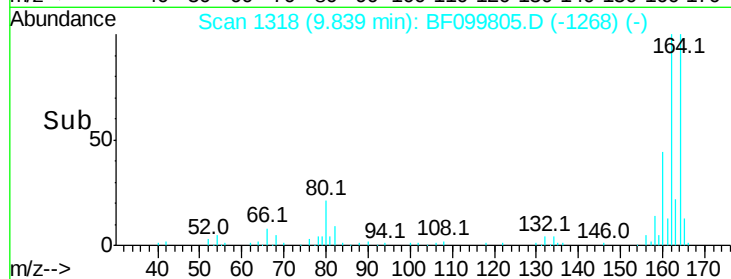
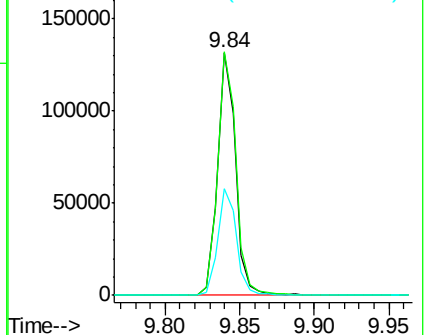
160 44.2 38.3 57.5



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: 108.119 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099805.D

Acq: 24 Oct 2017 23:14

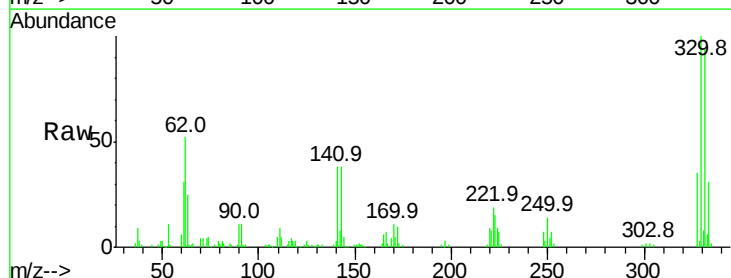
Tgt Ion:330 Resp: 109854

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

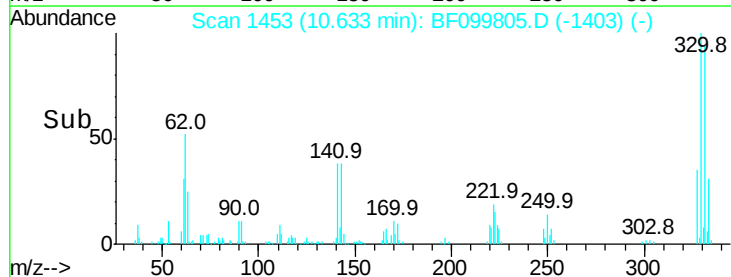
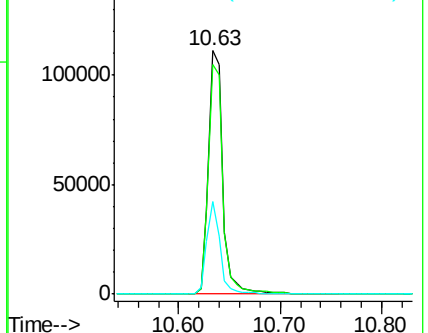
141 35.6 29.9 44.9

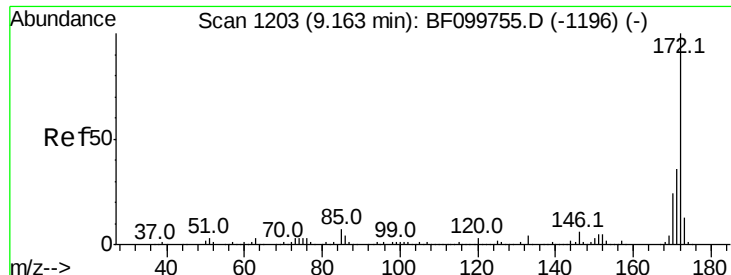


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



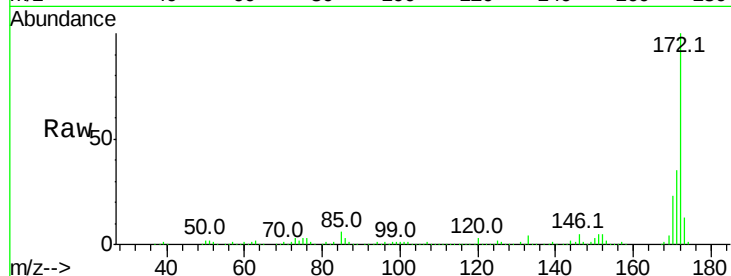


#44
 2-Fluorobiphenyl
 Concen: 92.747 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099805.D
 Acq: 24 Oct 2017 23:14

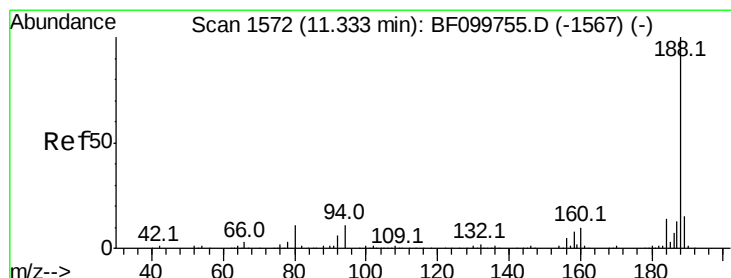
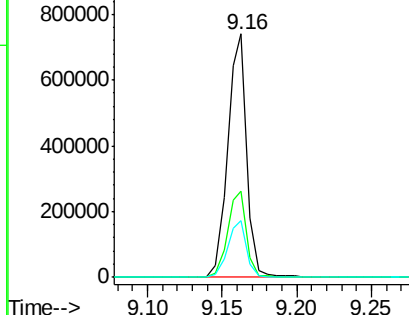
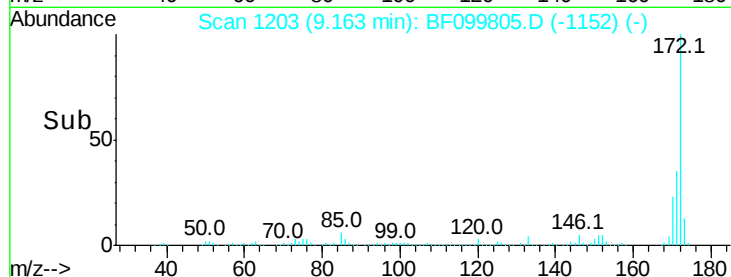
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(20-22)

Tot Ion:172 Resp: 670229

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.3	19.6	29.4



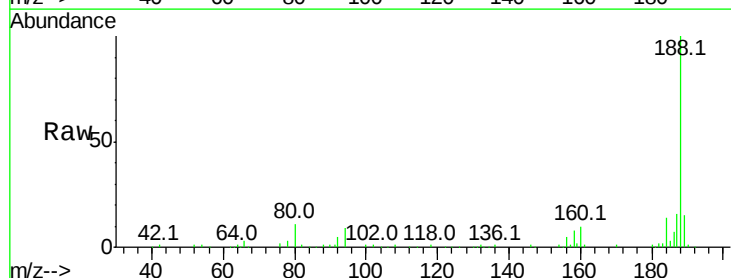
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



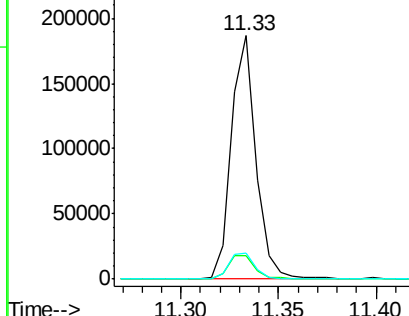
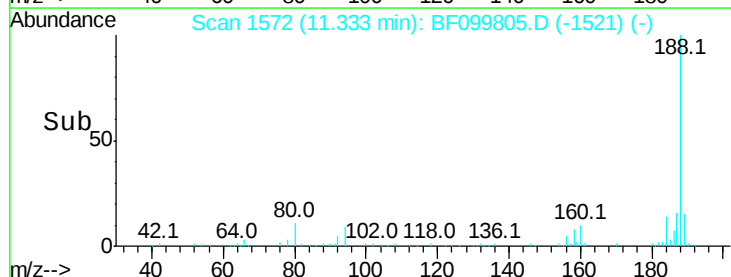
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099805.D
 Acq: 24 Oct 2017 23:14

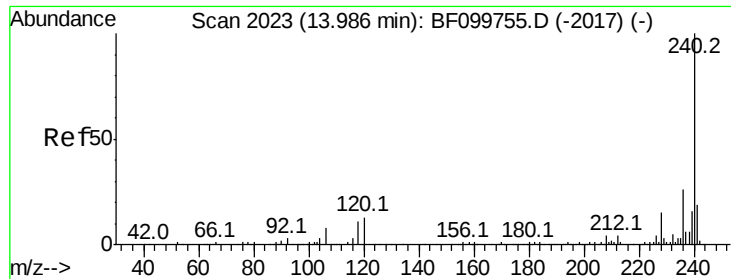
Tgt Ion:188 Resp: 163304

Ion	Ratio	Lower	Upper
188	100		
94	9.5	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

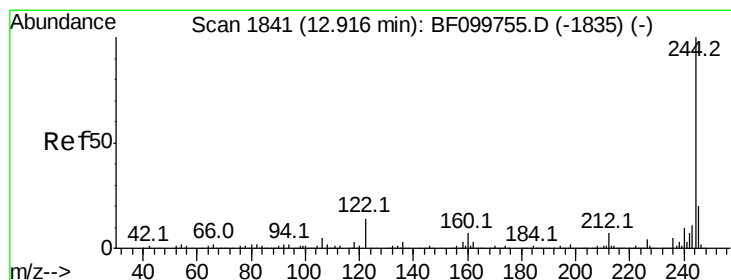
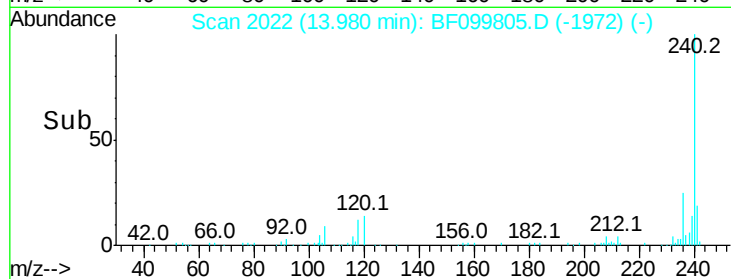
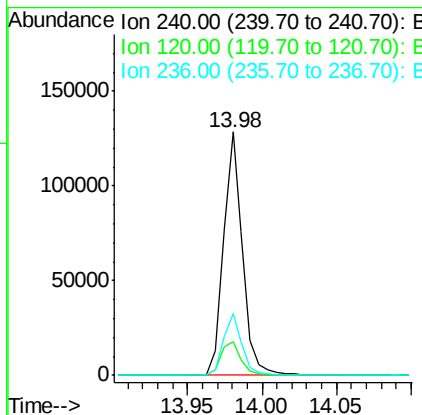
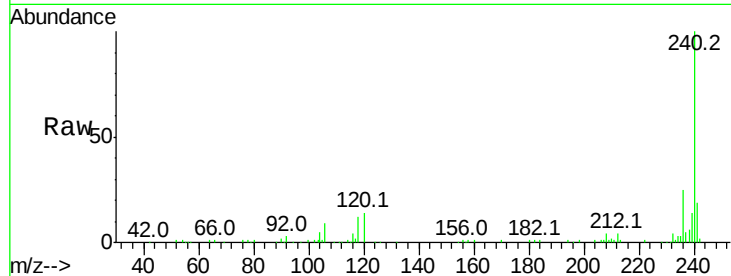




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099805.D
 Acq: 24 Oct 2017 23:14

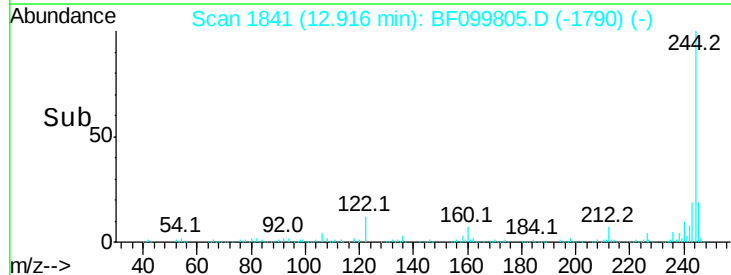
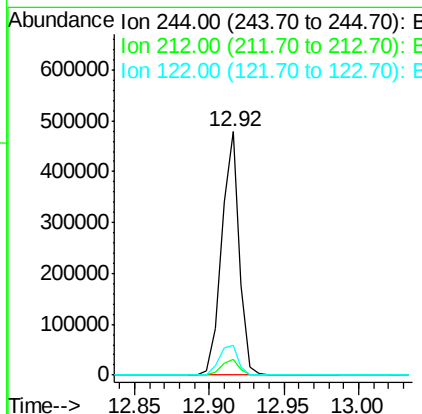
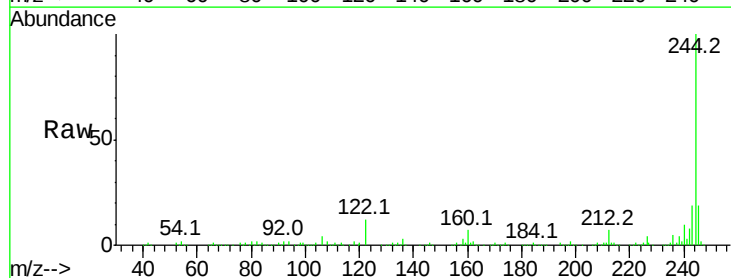
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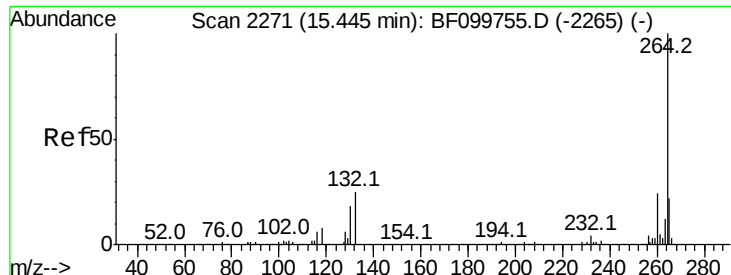
Tot Ion:240 Resp: 115380
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 75.072 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099805.D
 Acq: 24 Oct 2017 23:14

Tgt Ion:244 Resp: 396353
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.3 11.0 16.4

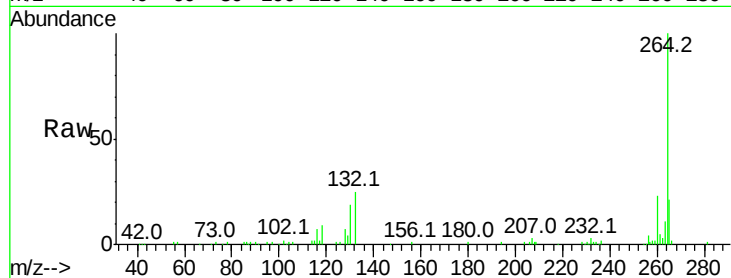




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099805.D
 Acq: 24 Oct 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(20-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	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

