

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099907.D
 Acq On : 28 Oct 2017 6:05
 Operator : SJ/JU
 Sample : I6029-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-2(65-67)

Quant Time: Oct 30 01:43:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

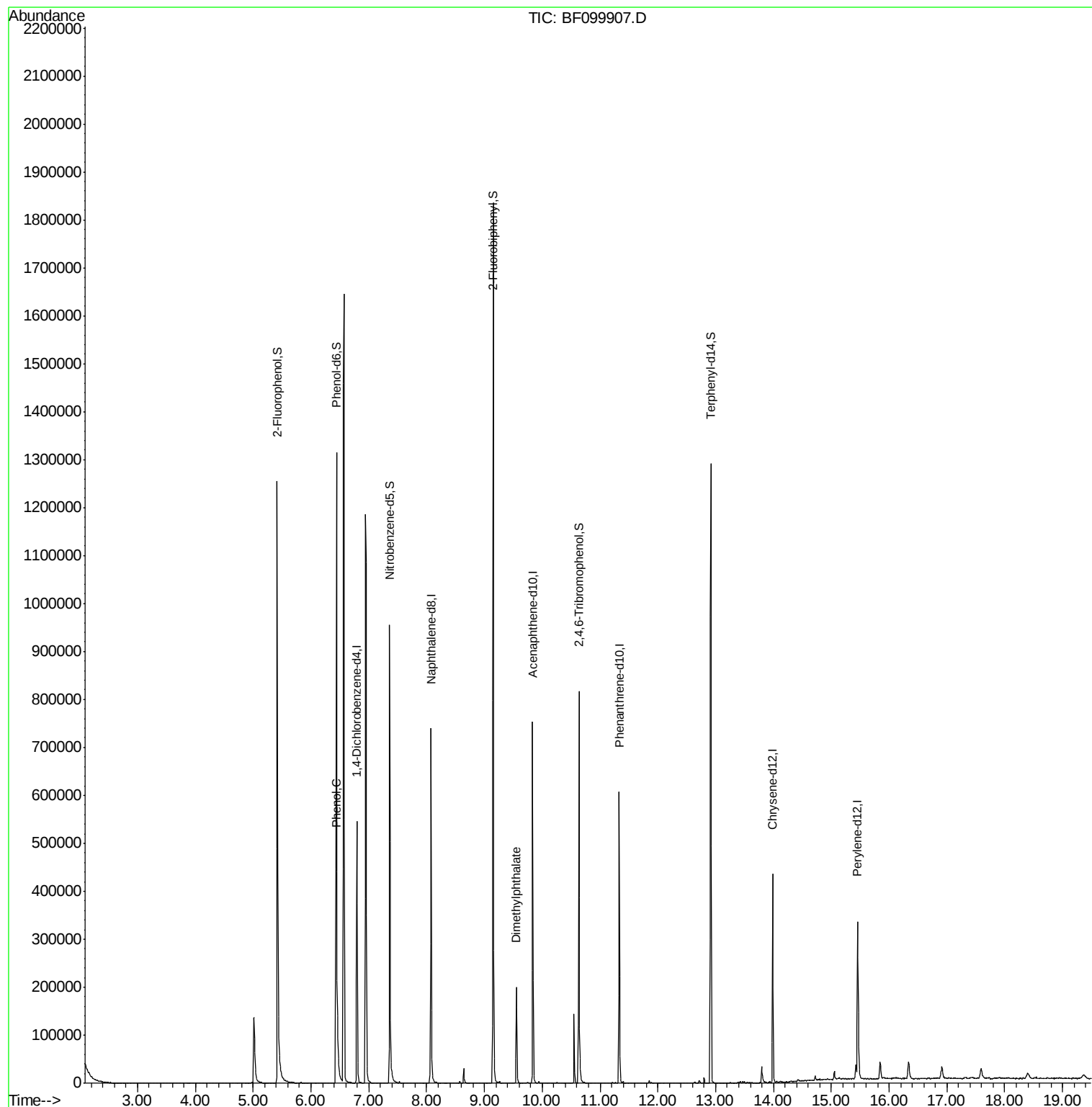
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90087	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362415	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	159397	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	248600	20.00	ng	0.00
75) Chrysene-d12	13.99	240	153474	20.00	ng	0.00
86) Perylene-d12	15.46	264	163998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	488443	85.12	ng	0.00
7) Phenol-d6	6.44	99	572423	84.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	312984	55.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	103880	71.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	616988	59.72	ng	0.00
78) Terphenyl-d14	12.92	244	398570	56.75	ng	0.00
Target Compounds						
10) Phenol	6.45	94	29035	3.887	ng	94
49) Dimethylphthalate	9.55	163	94822	7.512	ng	99

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

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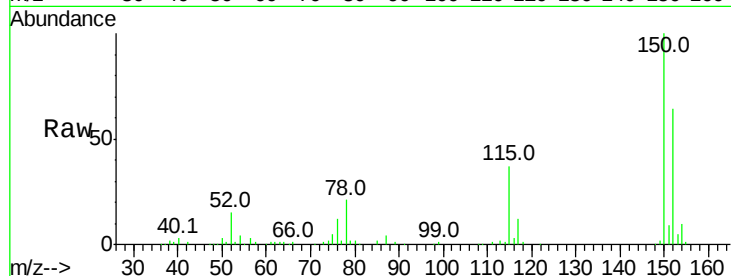


#1

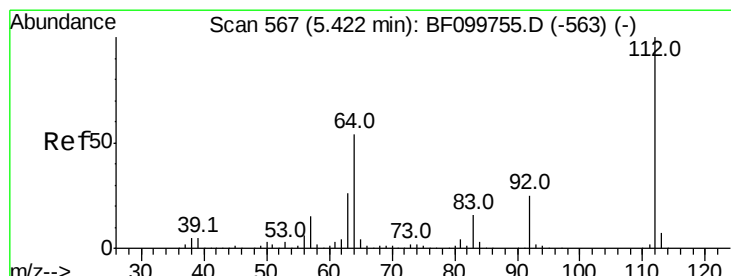
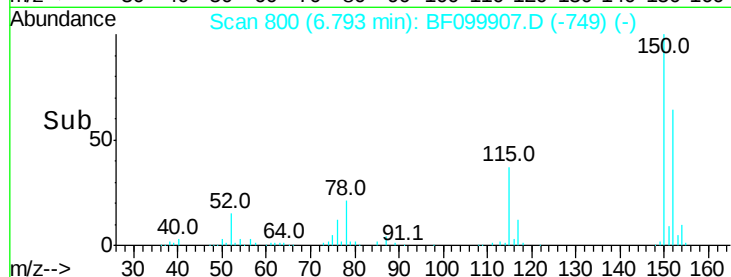
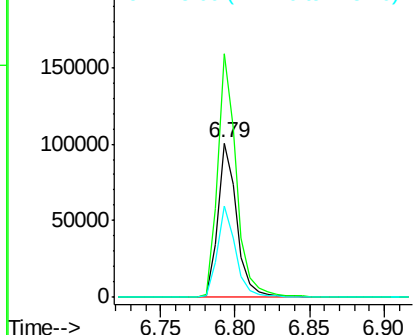
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099907.D
 Acq: 28 Oct 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-2(65-67)

Tot Ion:152 Resp: 90087
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 58.8 50.1 75.1



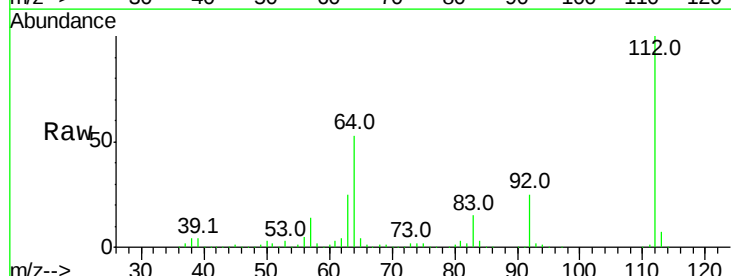
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



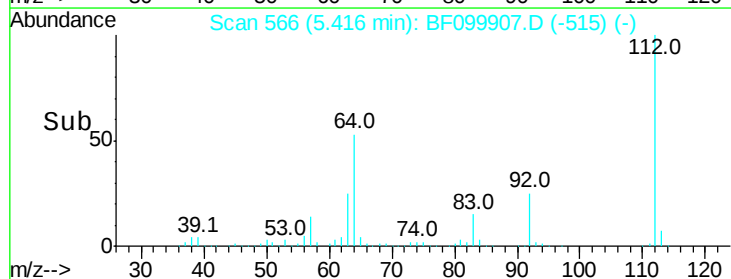
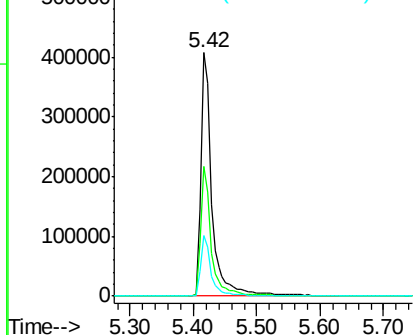
#5

2-Fluorophenol
 Concen: 85.122 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF099907.D
 Acq: 28 Oct 2017 6:05

Tgt Ion:112 Resp: 488443
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 24.8 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: 84.132 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099907.D

Acq: 28 Oct 2017 6:05

Instrument :

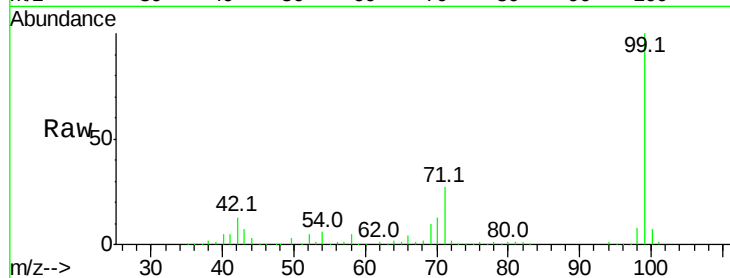
BNA_F

ClientSampleId :

EPE-108-2(65-67)

Tot Ion: 99 Resp: 572423

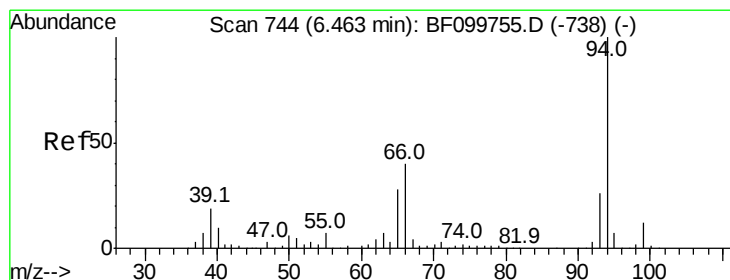
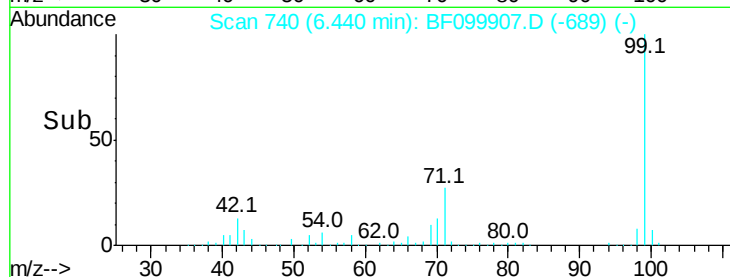
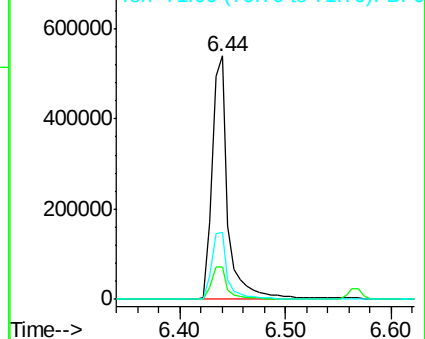
Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.5	21.7#
71	27.5	25.4	38.0



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: 3.887 ng

RT: 6.45 min Scan# 742

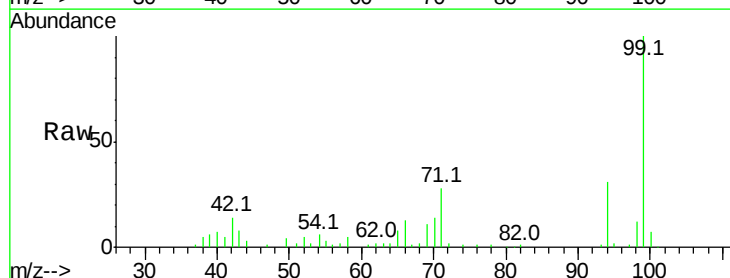
Delta R.T. -0.01 min

Lab File: BF099907.D

Acq: 28 Oct 2017 6:05

Tgt Ion: 94 Resp: 29035

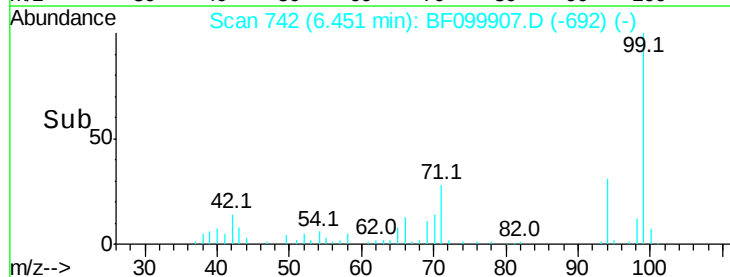
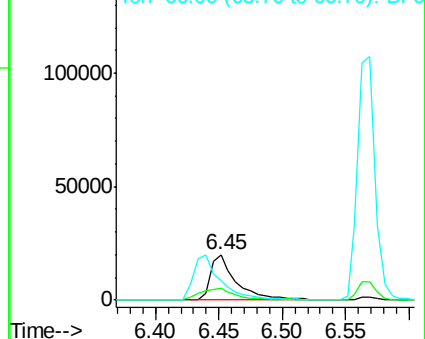
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	41.9	16.2	56.2



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

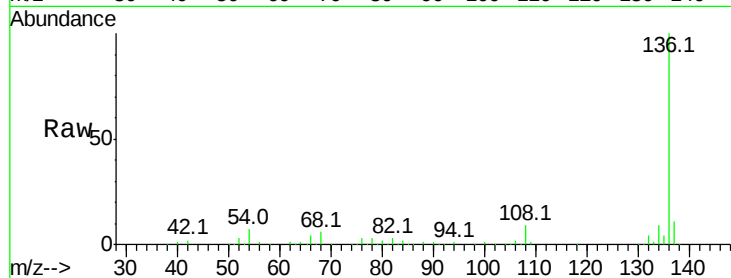




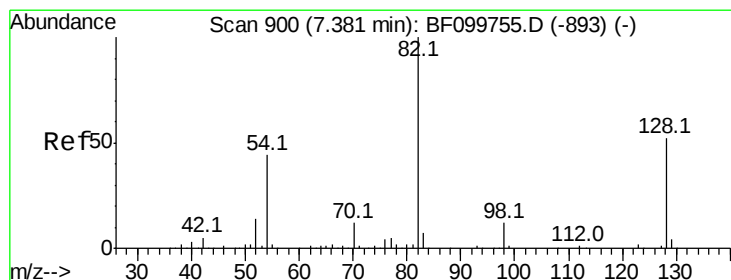
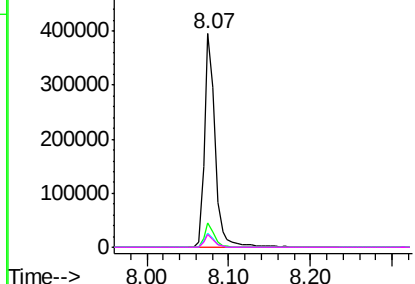
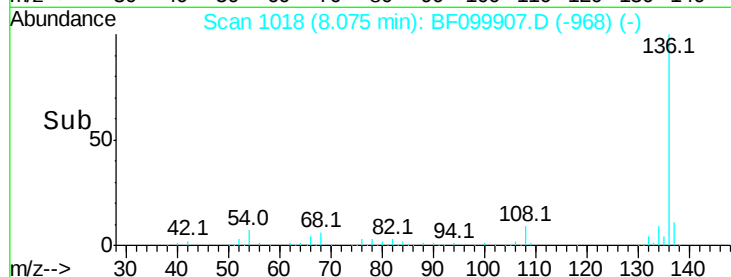
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(65-67)

Tot Ion:	136	Resp:	362415
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4

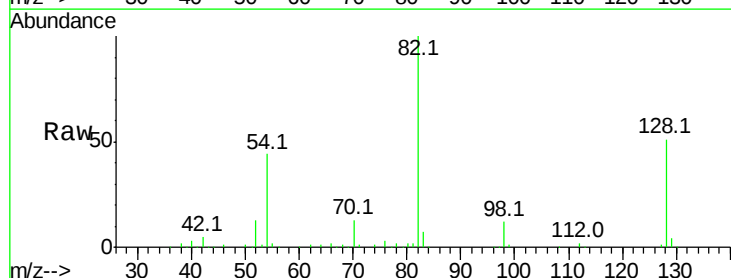


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

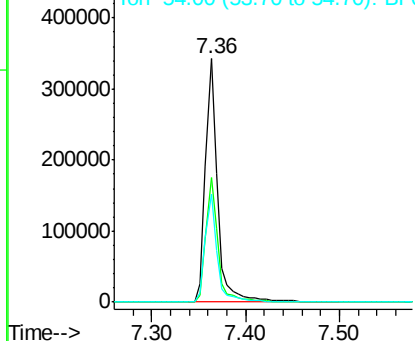
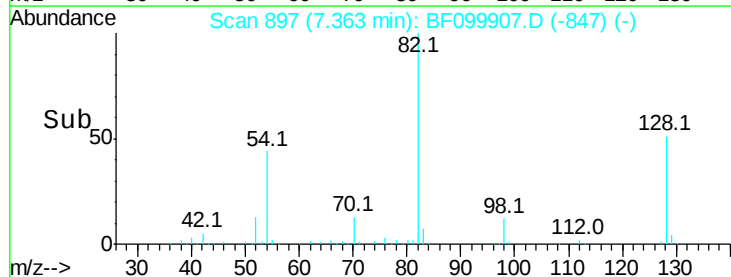


#23
Nitrobenzene-d5
Concen: 55.599 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Tgt Ion:	82	Resp:	312984
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	44.2	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

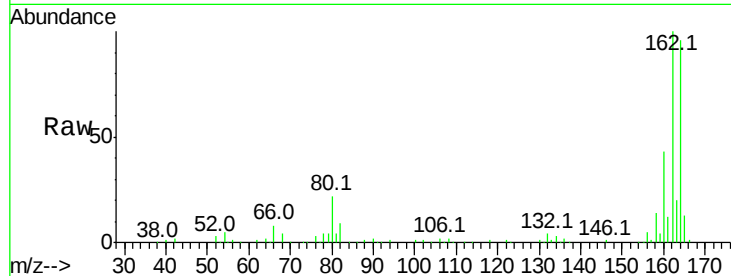




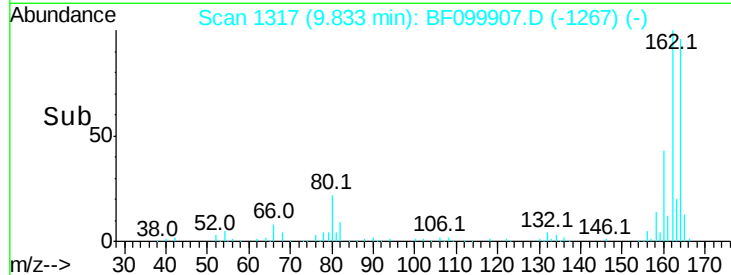
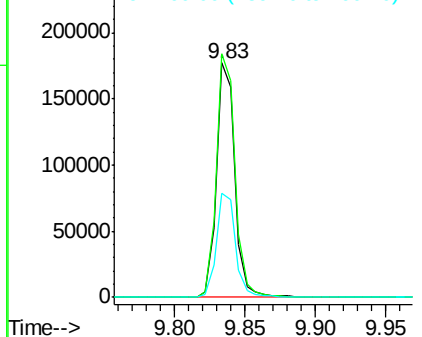
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(65-67)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	44.4	38.3	57.5

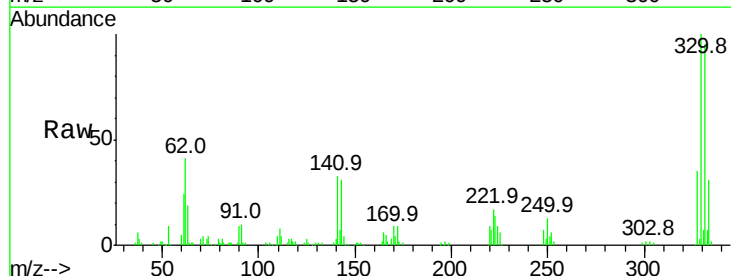


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

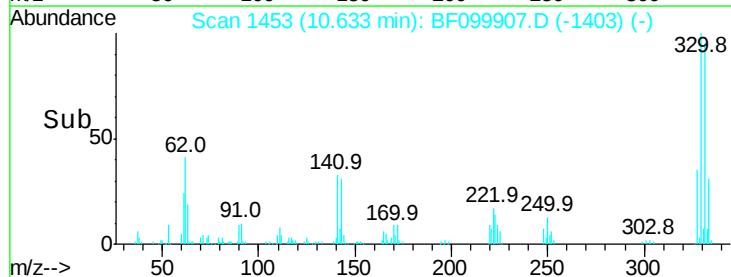
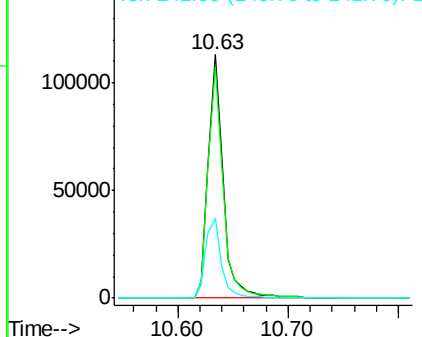


#41
2,4,6-Tribromophenol
Concen: 71.513 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.8	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

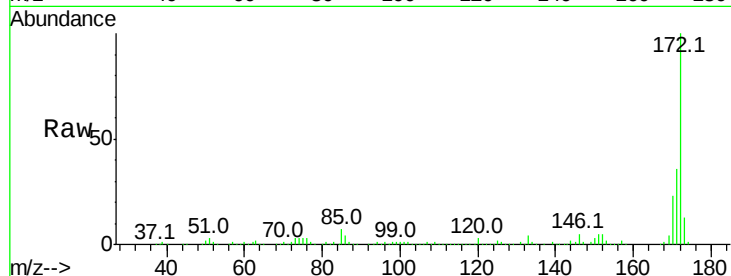




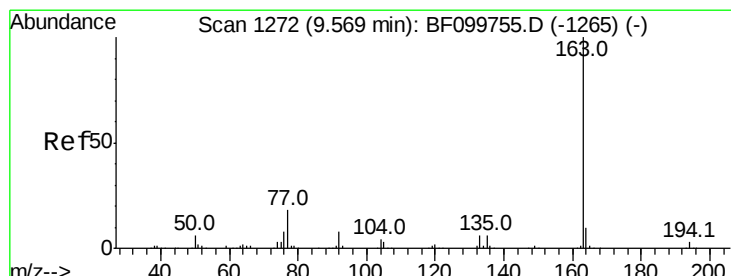
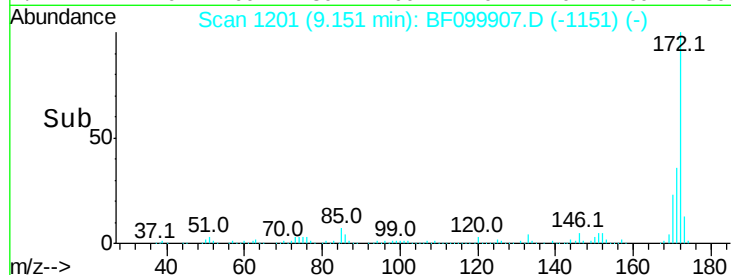
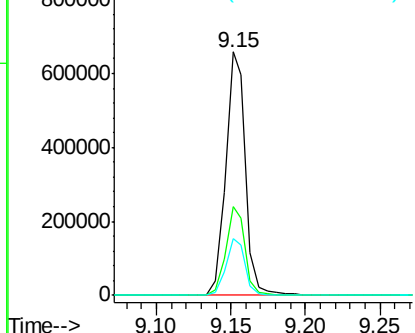
#44
2-Fluorobiphenyl
Concen: 59.720 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(65-67)

Tot Ion:172 Resp: 616988
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.1 19.6 29.4

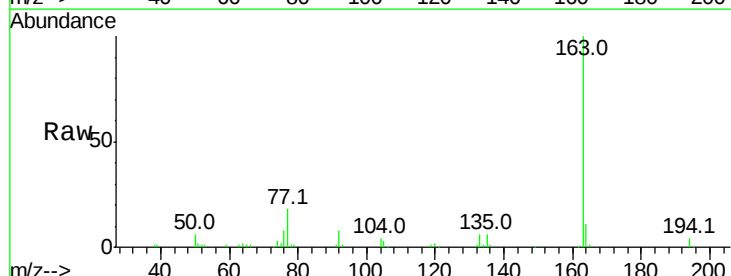


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

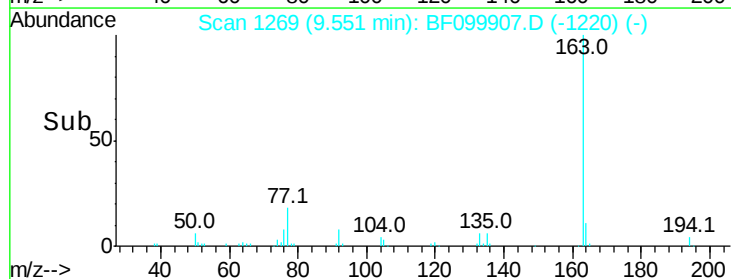
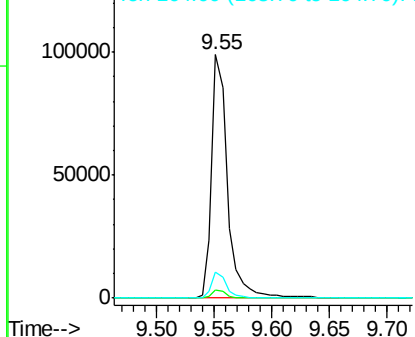


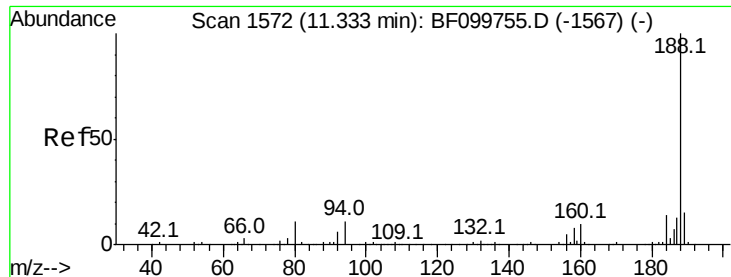
#49
Dimethylphthalate
Concen: 7.512 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Tgt Ion:163 Resp: 94822
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 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

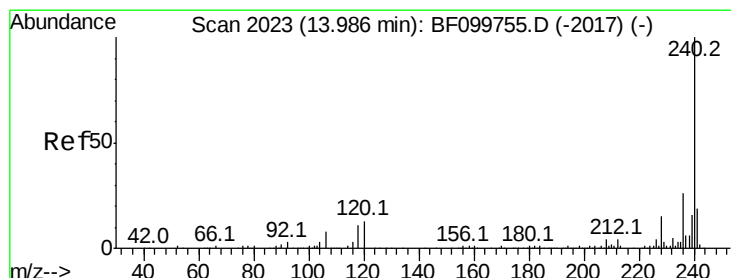
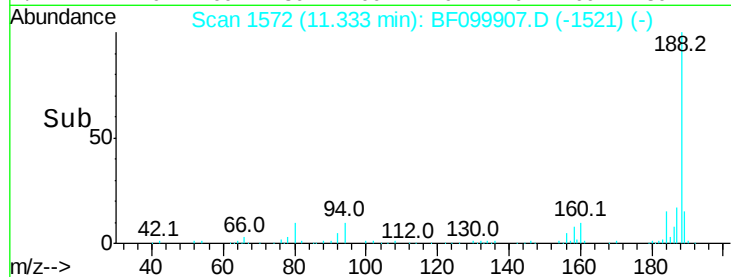
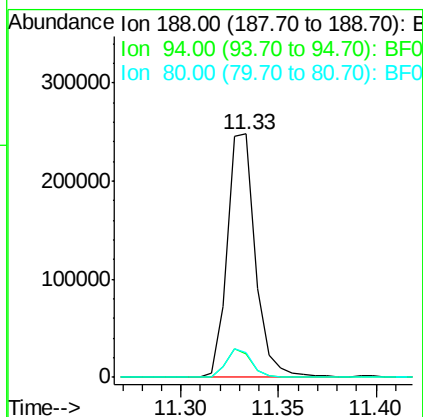
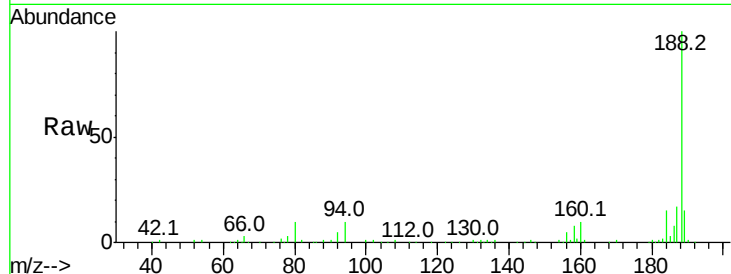




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

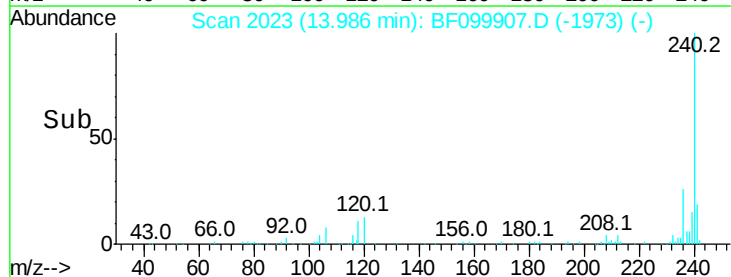
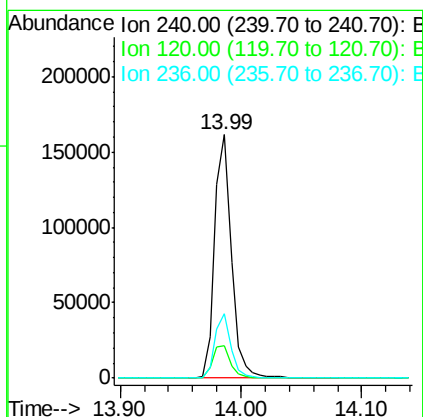
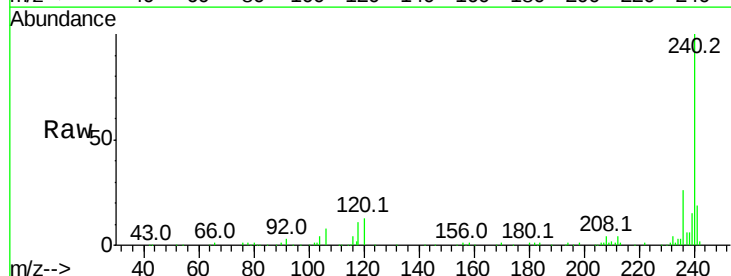
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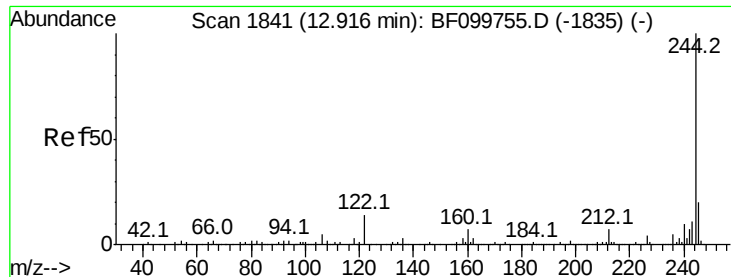
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099907.D
Acq: 28 Oct 2017 6:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.2	20.7	31.1

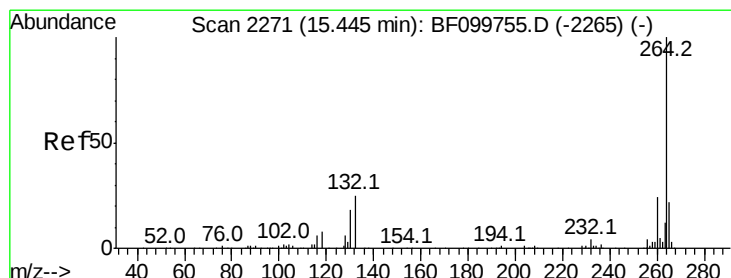
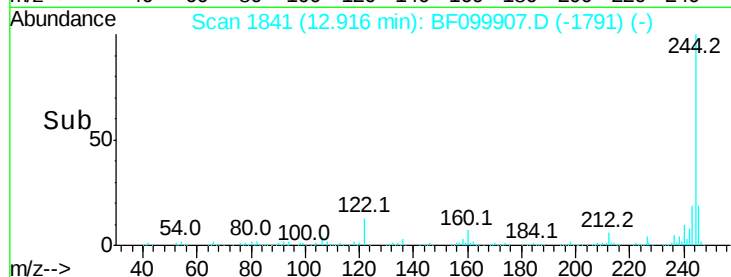
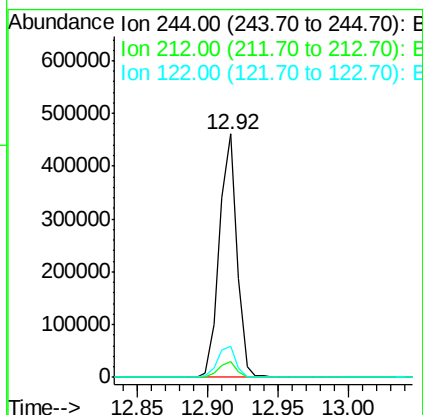
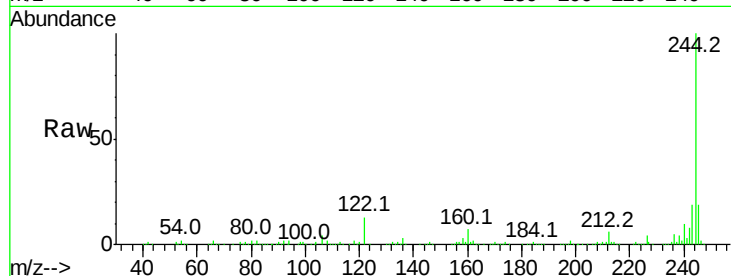




#78
 Terphenyl-d14
 Concen: 56.754 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099907.D
 Acq: 28 Oct 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-2(65-67)

Tot Ion:244 Resp: 398570
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099907.D
 Acq: 28 Oct 2017 6:05

Tgt Ion:264 Resp: 163998
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.5 26.3

