

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099636.D
 Acq On : 19 Oct 2017 00:01
 Operator : SJ/JU
 Sample : I5935-13 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

Quant Time: Oct 19 00:57:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88812	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	311418	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	112177	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	199275	20.00	ng	0.00
75) Chrysene-d12	13.99	240	210942	20.00	ng	0.00
86) Perylene-d12	15.46	264	166230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	270852	48.55	ng	0.00
7) Phenol-d6	6.47	99	306197	44.49	ng	-0.01
23) Nitrobenzene-d5	7.39	82	162482	33.46	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	46085	50.21	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	283224	42.15	ng	0.00
78) Terphenyl-d14	12.93	244	262481	28.30	ng	0.00

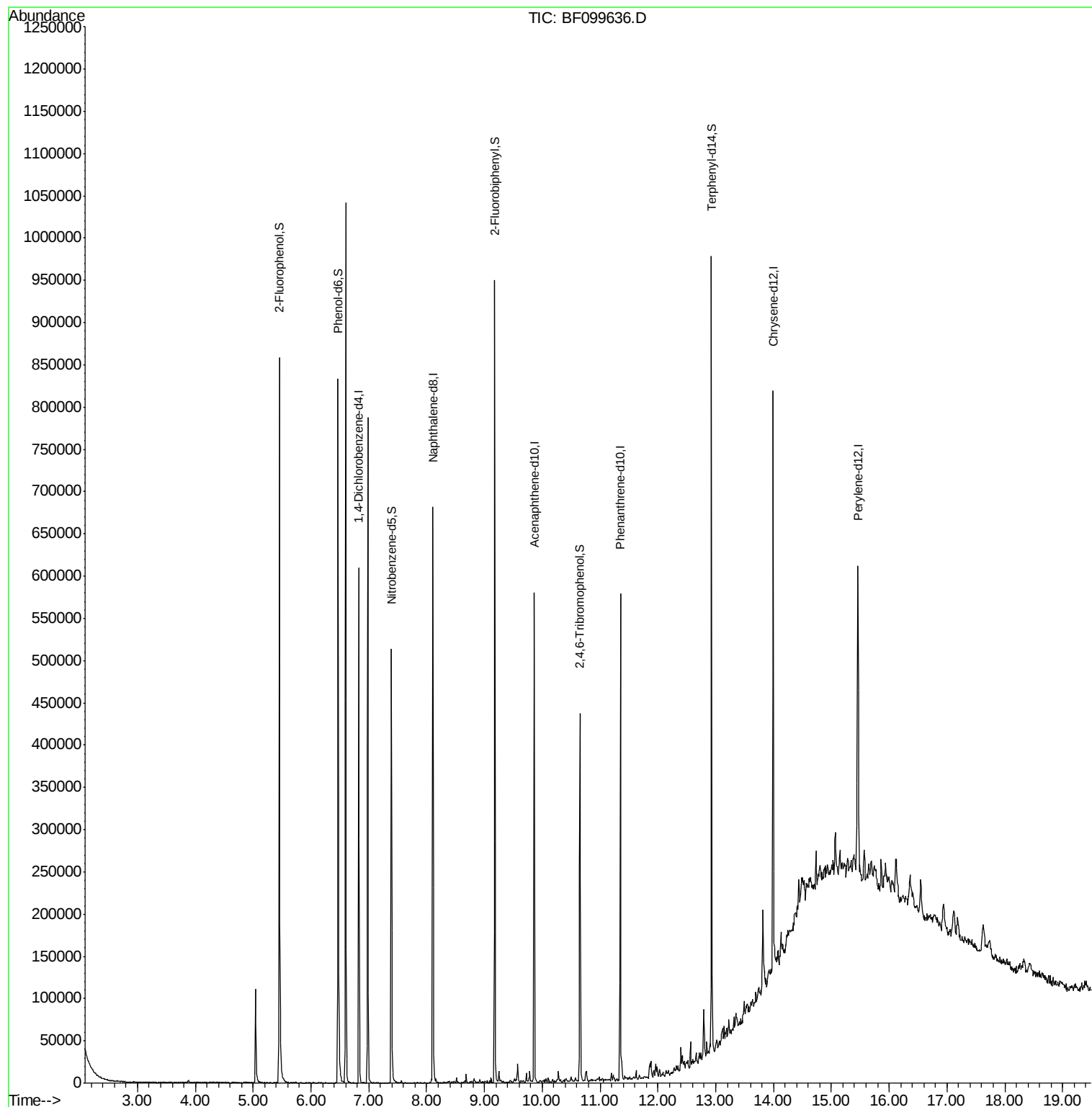
Target Compounds Qvalue

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

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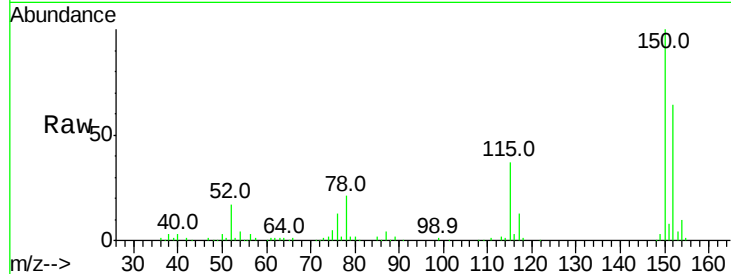


#1

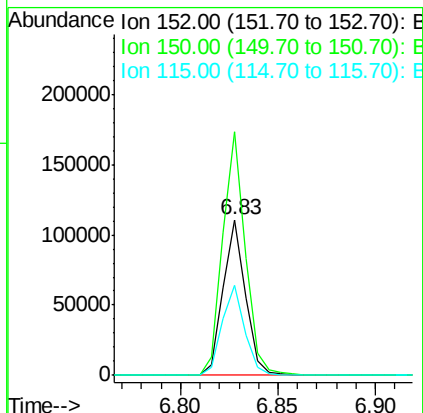
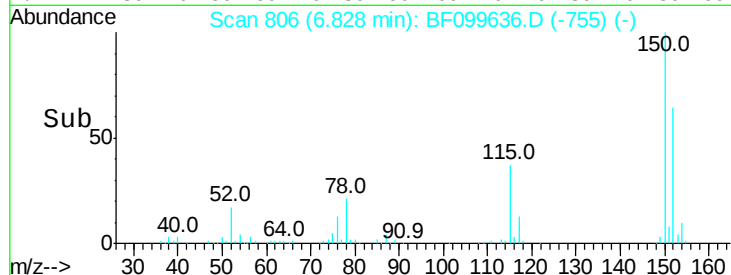
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

Tot Ion:152 Resp: 88812
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 58.1 50.1 75.1



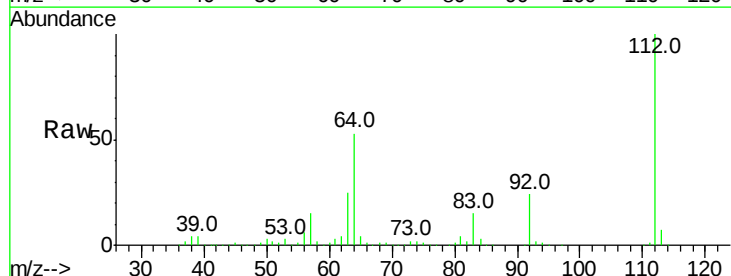
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



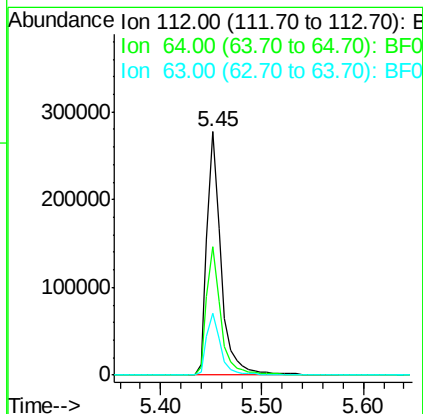
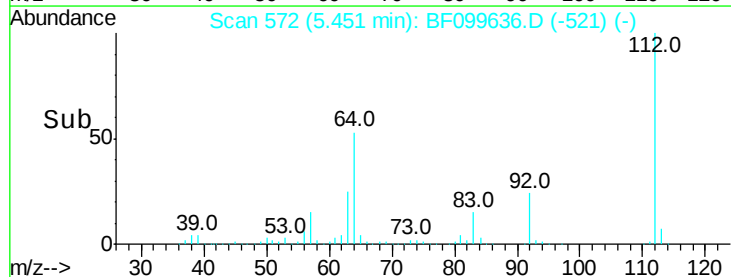
#5

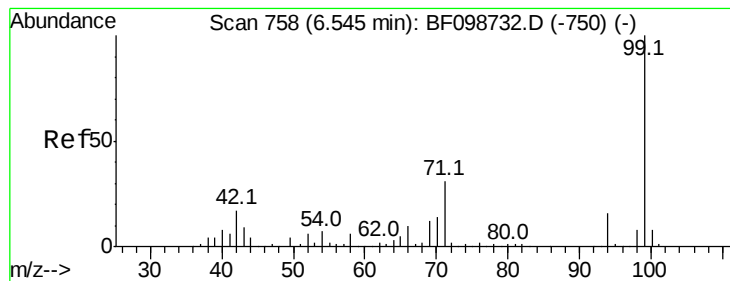
2-Fluorophenol
 Concen: 48.549 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Tgt Ion:112 Resp: 270852
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.2 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: 44.490 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

Instrument :

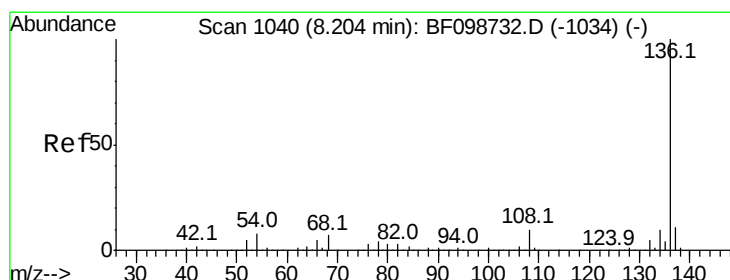
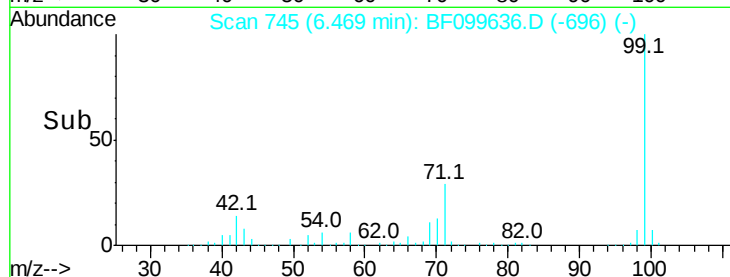
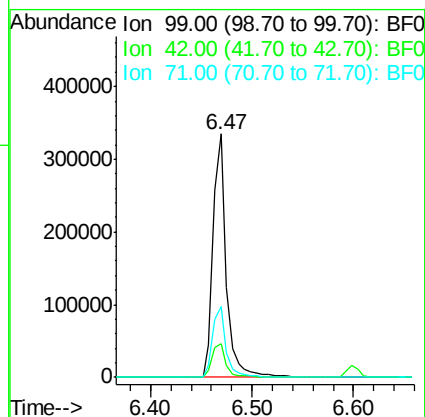
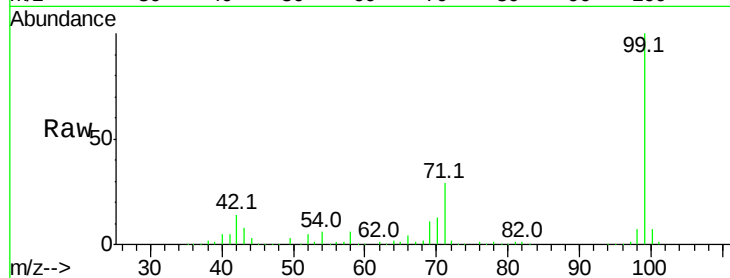
BNA_F

ClientSampleId :

CL-02-101617-E

Tot Ion: 99 Resp: 306197

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	29.0	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

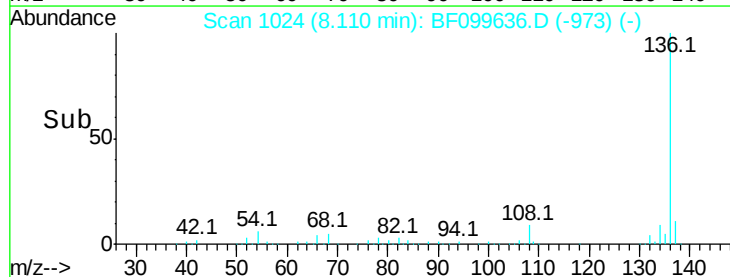
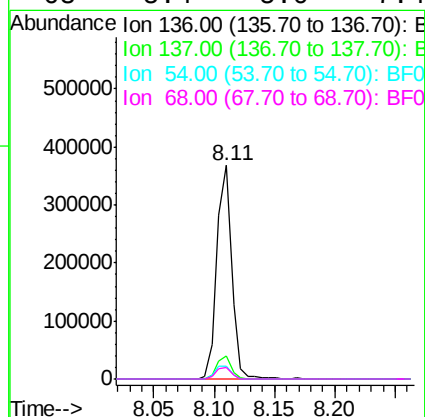
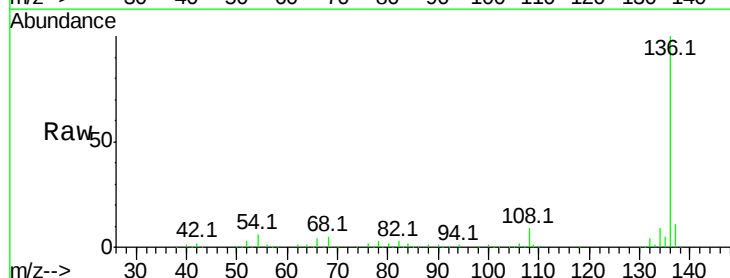
Delta R.T. 0.00 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

Tgt Ion: 136 Resp: 311418

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

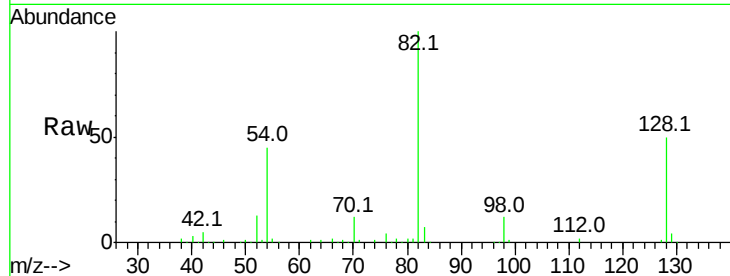




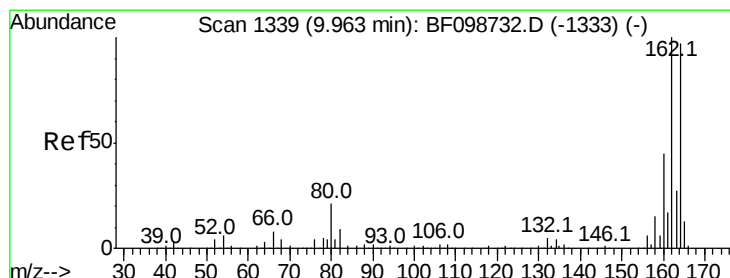
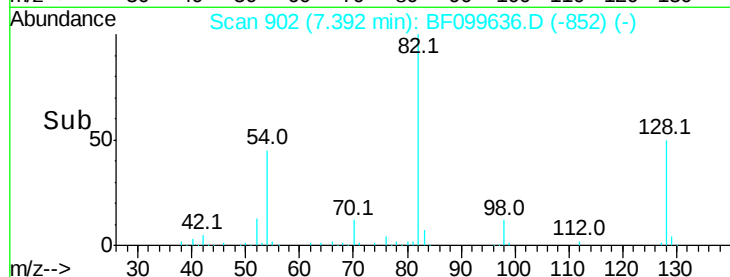
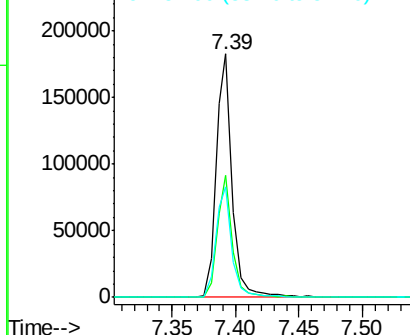
#23
Nitrobenzene-d5
Concen: 33.460 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-E

Tot Ion: 82 Resp: 162482
Ion Ratio Lower Upper
82 100
128 50.3 36.1 54.1
54 45.5 41.4 62.2

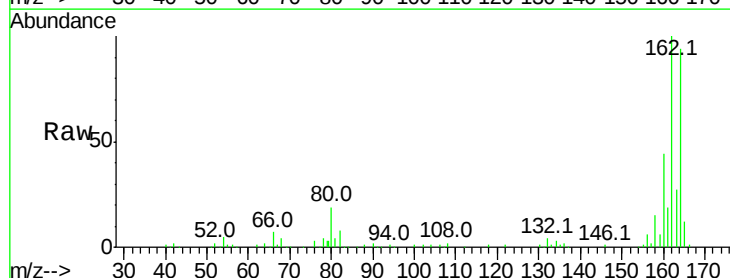


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

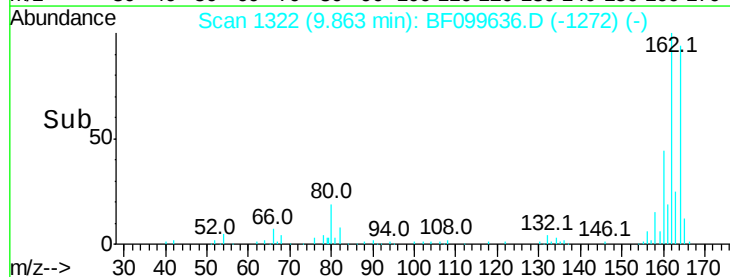
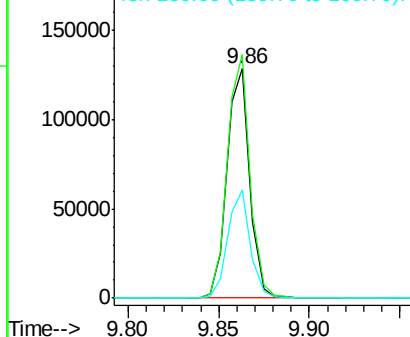


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Tgt Ion:164 Resp: 112177
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 46.8 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

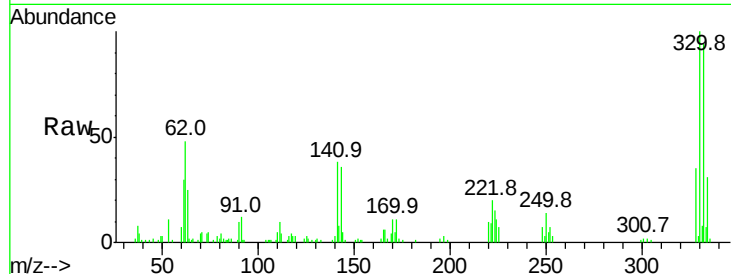




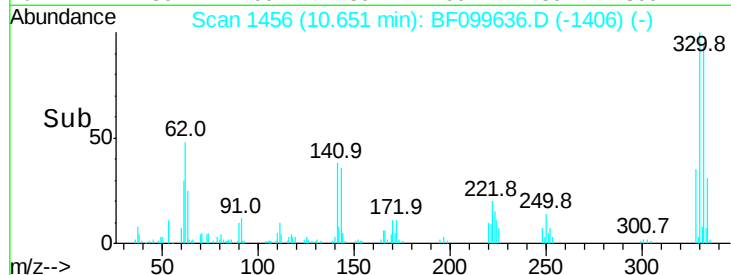
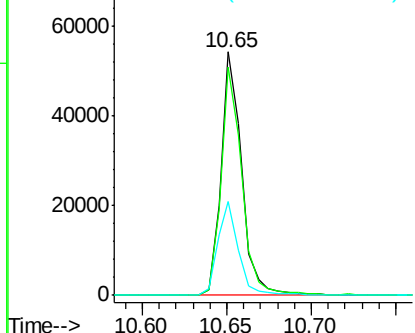
#41
 2,4,6-Tribromophenol
 Concen: 50.206 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.8	29.9	44.9

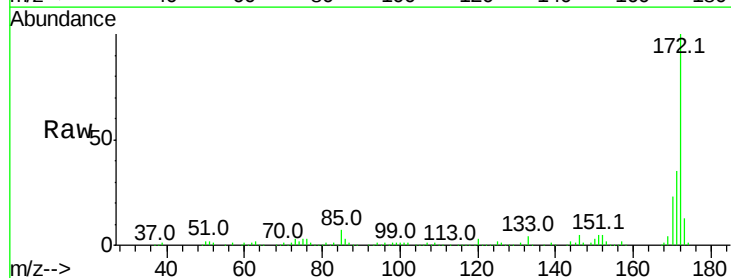


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

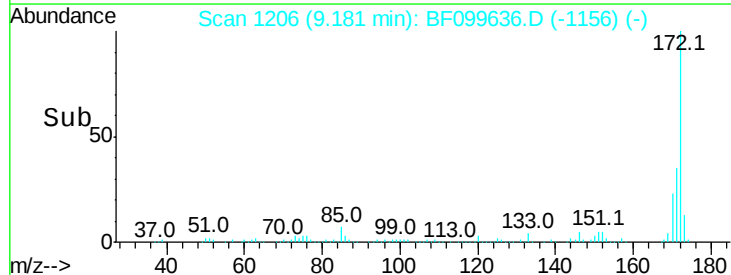
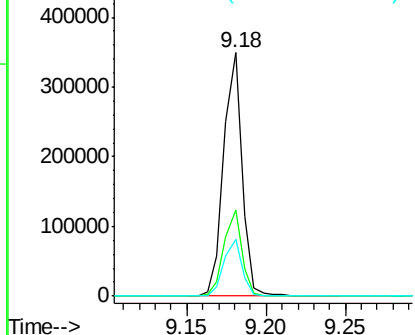


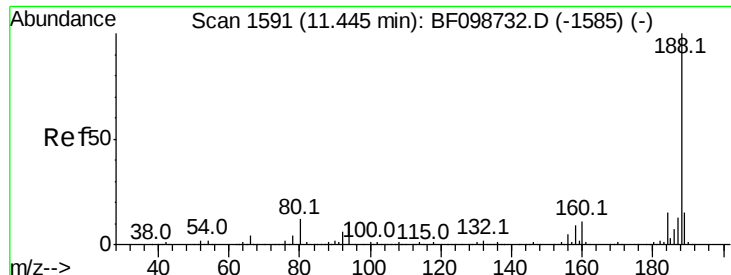
#44
 2-Fluorobiphenyl
 Concen: 42.149 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.2	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

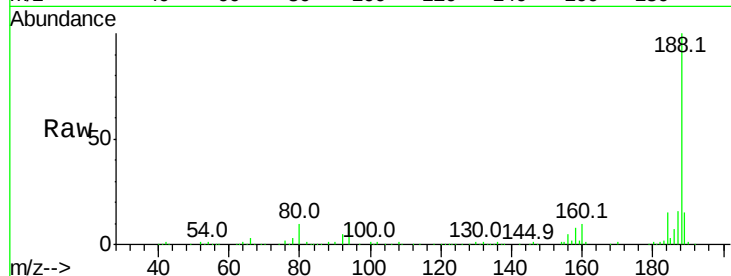




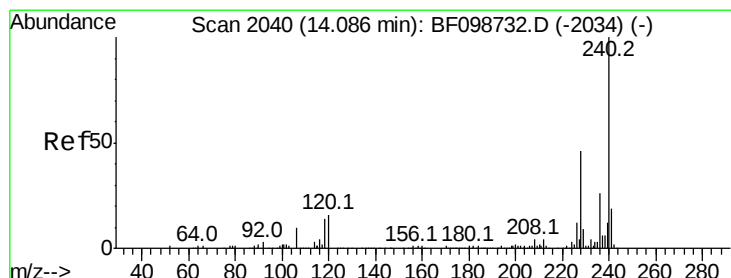
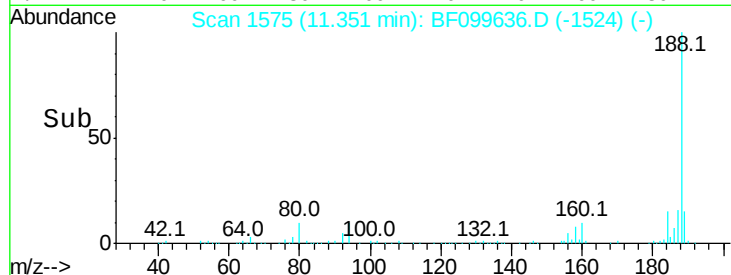
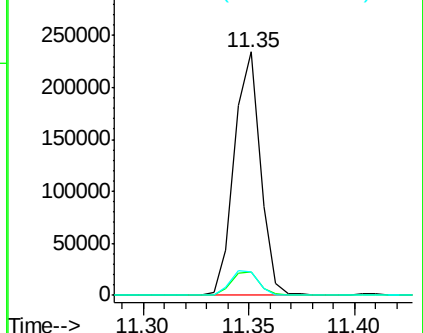
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-E

Tot Ion:188 Resp: 199275
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.6 9.2 13.8

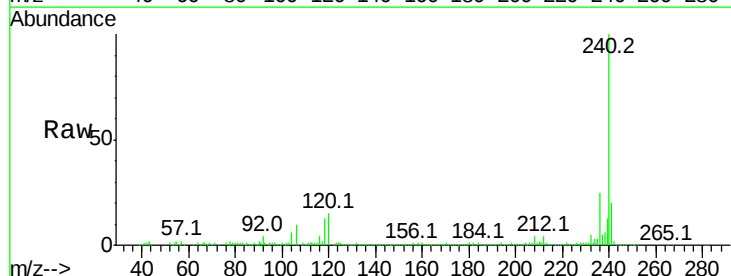


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

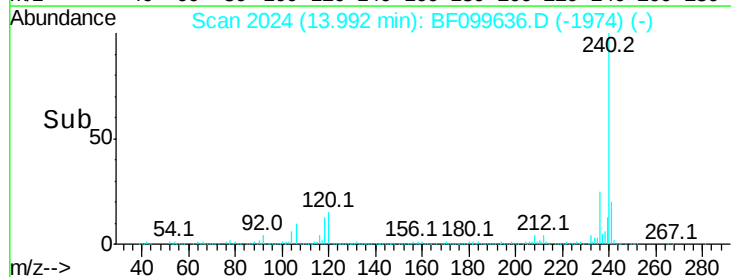
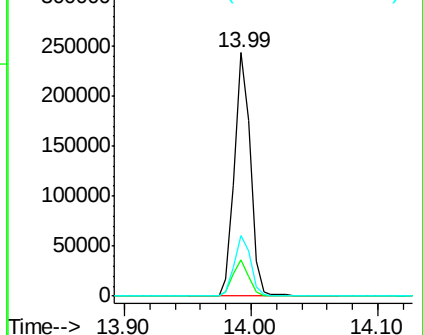


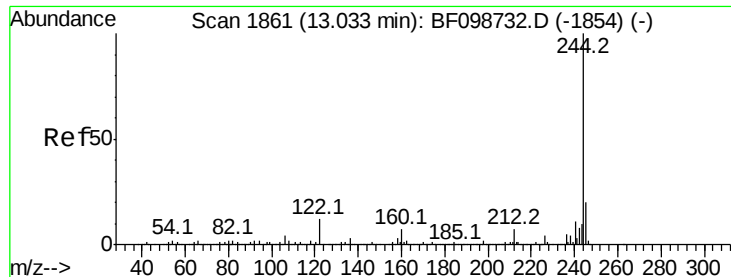
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Tgt Ion:240 Resp: 210942
Ion Ratio Lower Upper
240 100
120 15.0 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: 28.299 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-E

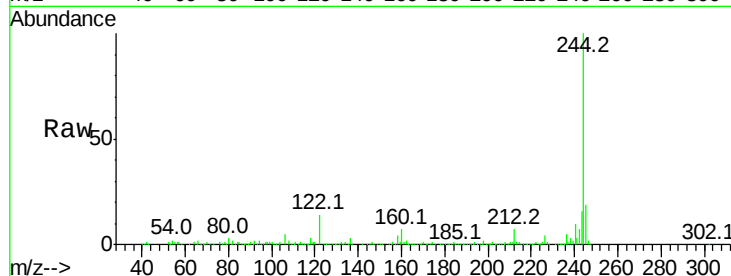
Tot Ion:244 Resp: 262481

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

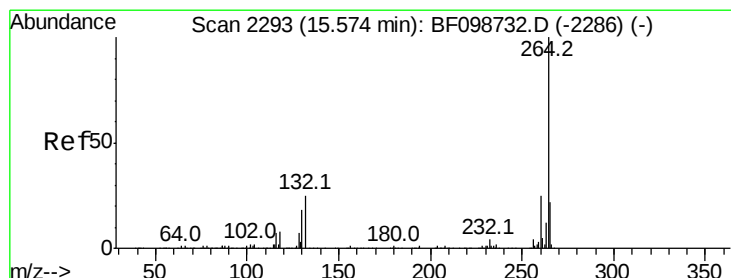
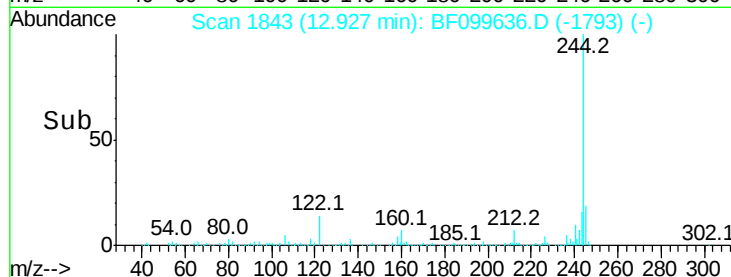
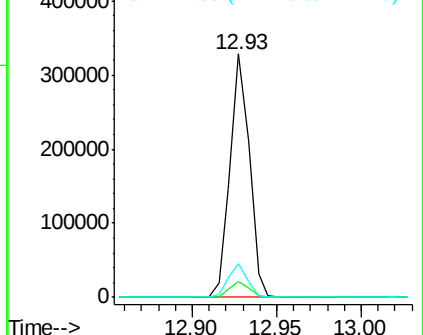
122 14.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

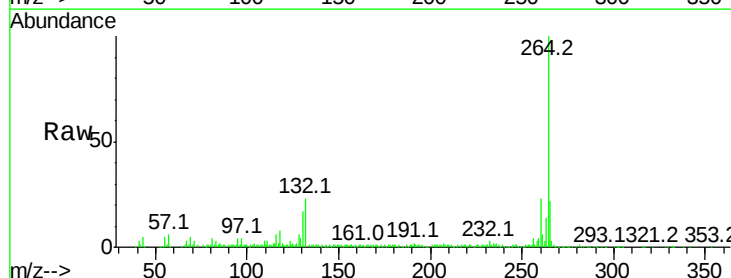
Tgt Ion:264 Resp: 166230

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.2 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

