

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099656.D
 Acq On : 19 Oct 2017 10:06
 Operator : SJ/JU
 Sample : I5935-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 19 17:37:50 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 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89868	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	317407	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	110784	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	185317	20.00	ng	0.00
75) Chrysene-d12	13.99	240	186816	20.00	ng	0.00
86) Perylene-d12	15.46	264	151849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	712337	126.18	ng	0.02
7) Phenol-d6	6.47	99	736589	105.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	487657	98.53	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133218	146.96	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	828175	124.80	ng	0.00
78) Terphenyl-d14	12.93	244	682058	83.03	ng	0.00

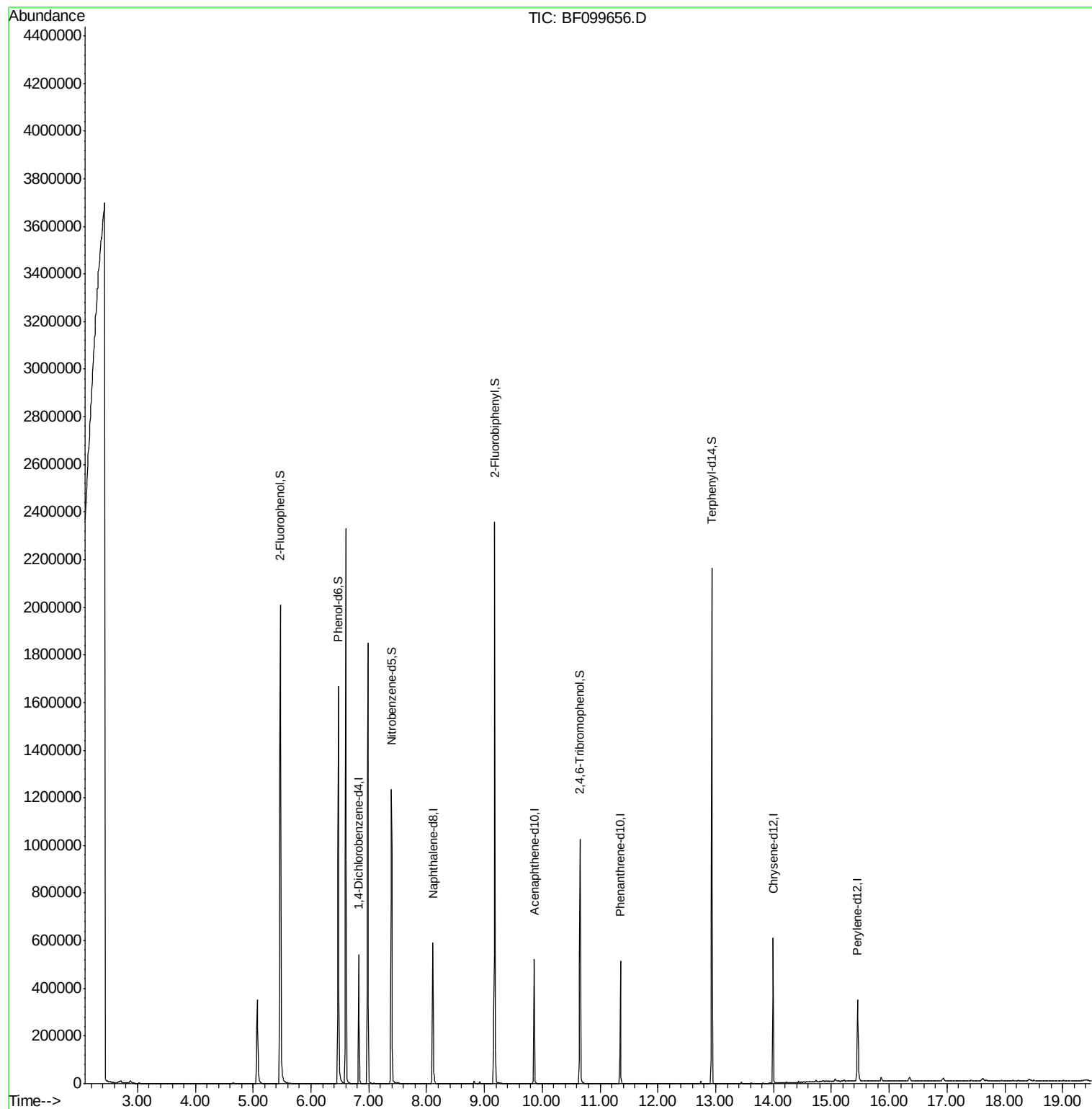
Target Compounds Qvalue

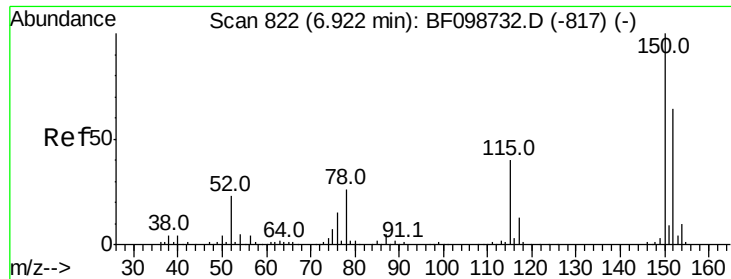
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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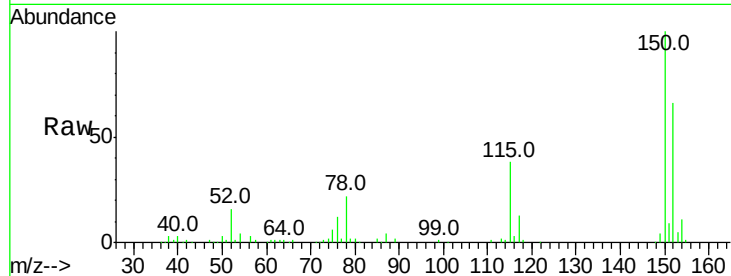


#1

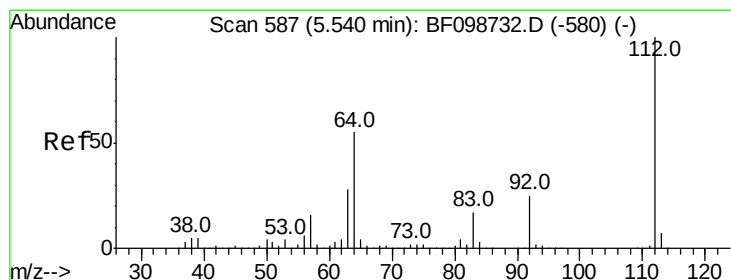
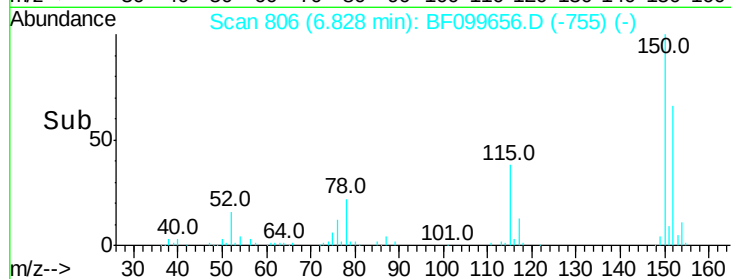
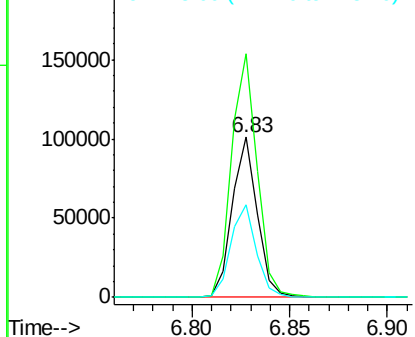
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

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

Tot Ion:152 Resp: 89868
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.6 186.8
 115 58.0 50.1 75.1



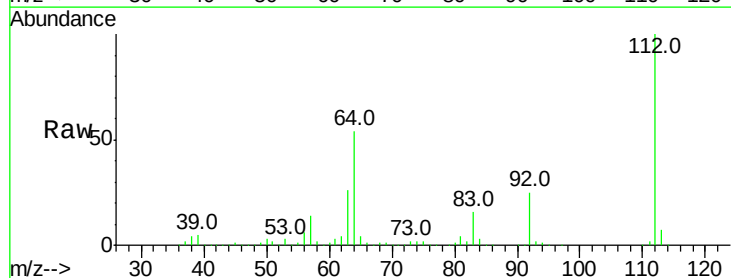
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



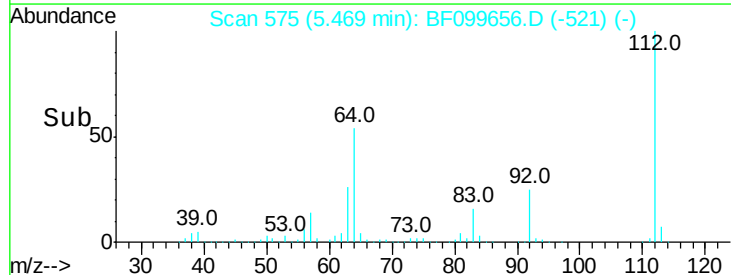
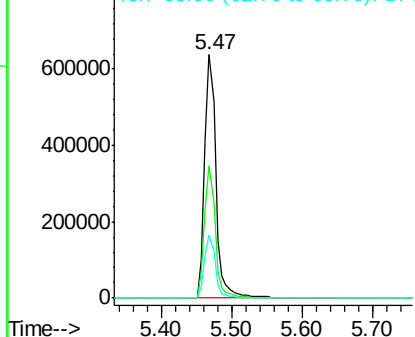
#5

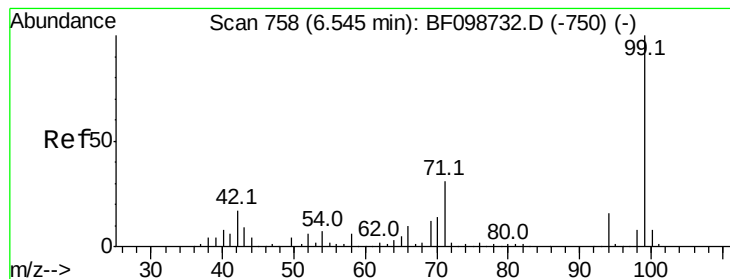
2-Fluorophenol
 Concen: 126.182 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:112 Resp: 712337
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 25.9 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: 105.769 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Instrument :

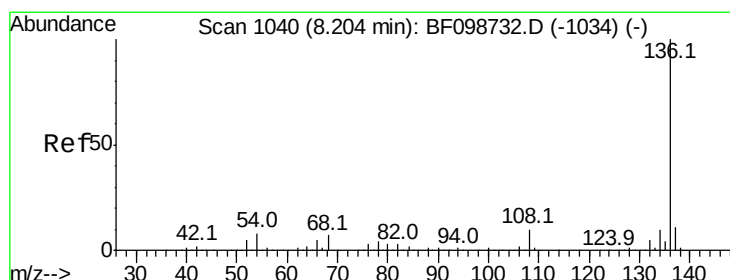
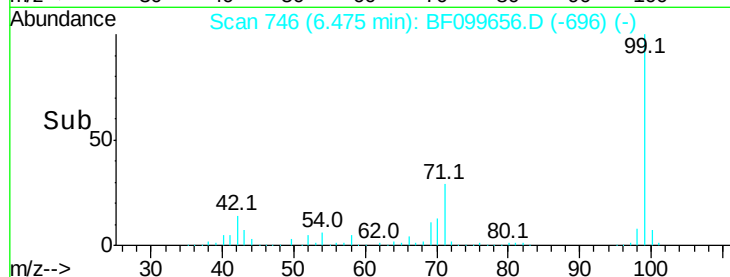
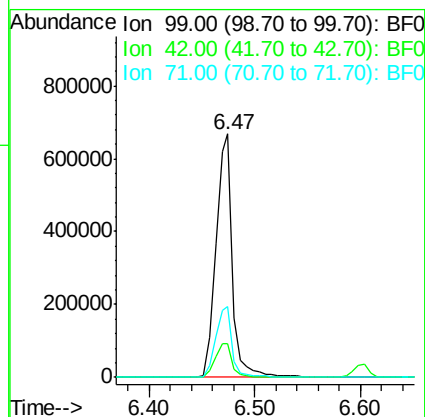
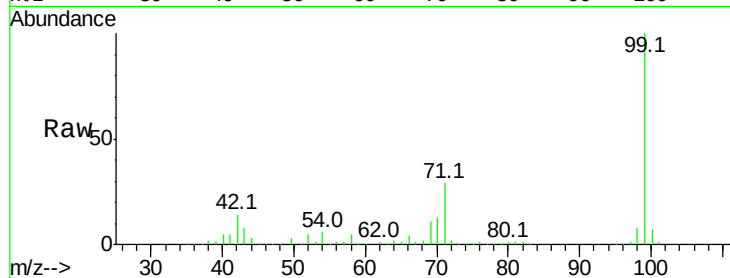
BNA_F

ClientSampleId :

CL-02-101617-C

Tot Ion: 99 Resp: 736589

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	29.3	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

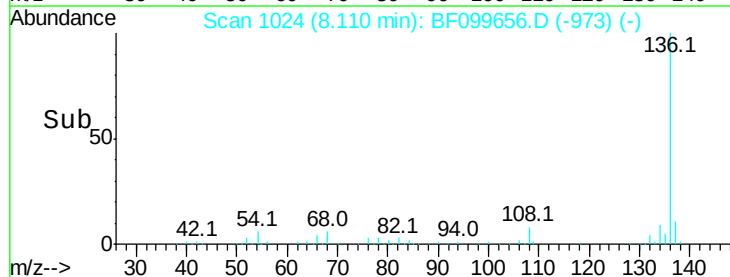
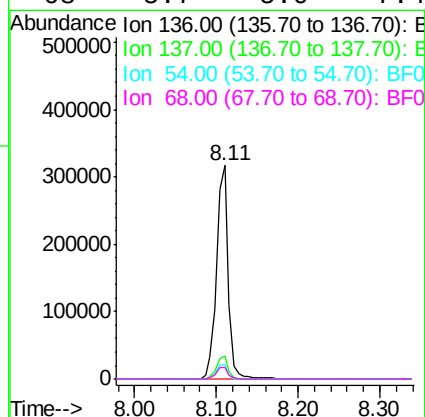
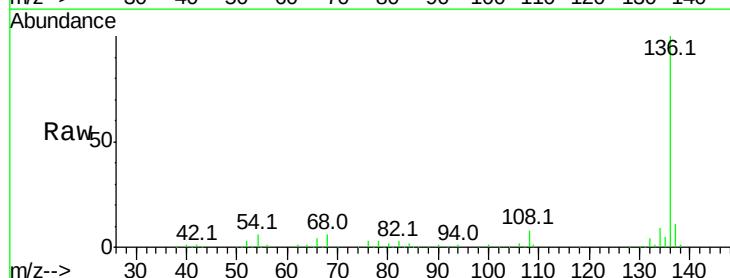
Delta R.T. 0.00 min

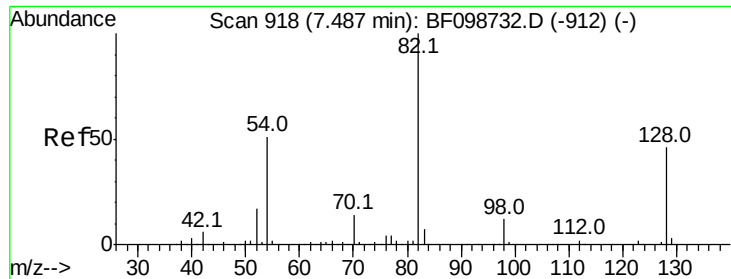
Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Tgt Ion: 136 Resp: 317407

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4

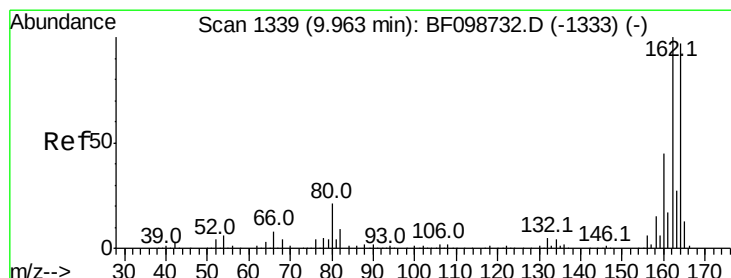
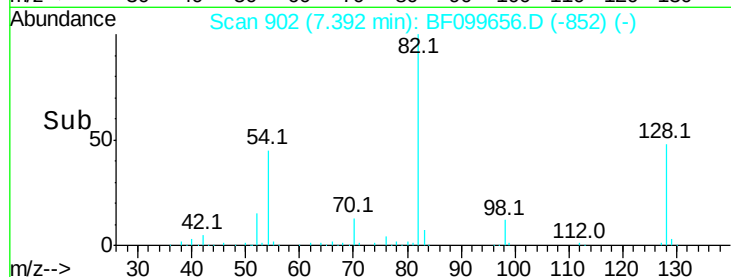
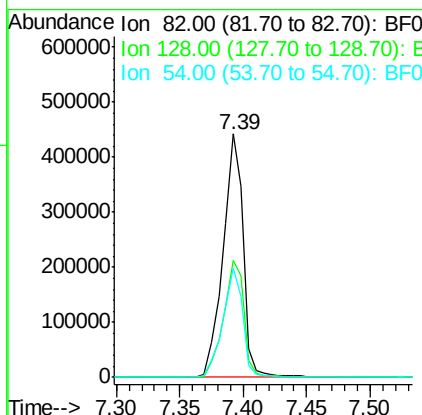
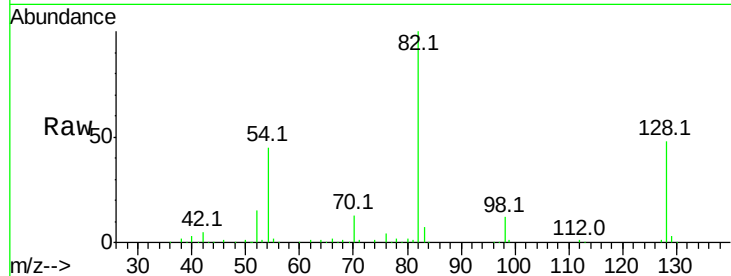




#23
 Nitrobenzene-d5
 Concen: 98.528 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

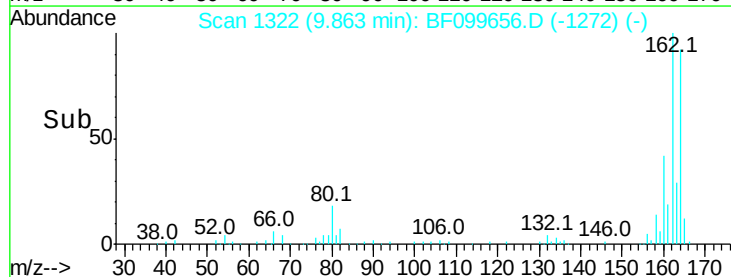
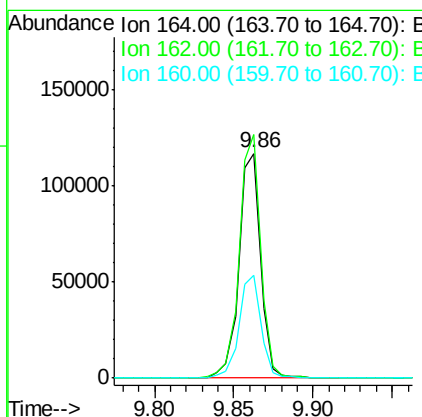
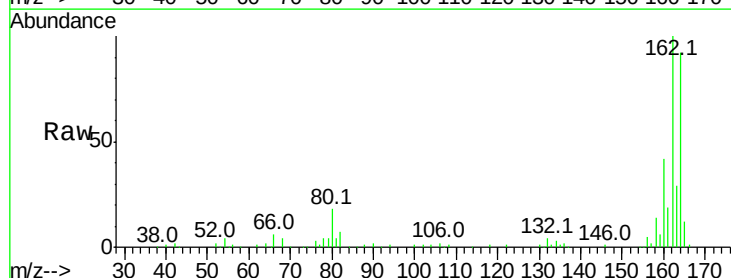
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-C

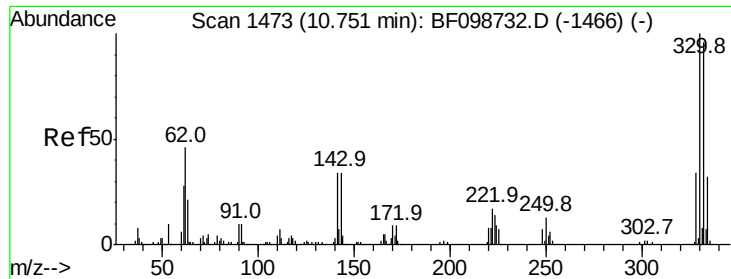
Tot Ion	82	Resp	487657
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion	164	Resp	110784
Ion	Ratio	Lower	Upper
164	100		
162	108.3	86.1	129.1
160	45.9	38.3	57.5

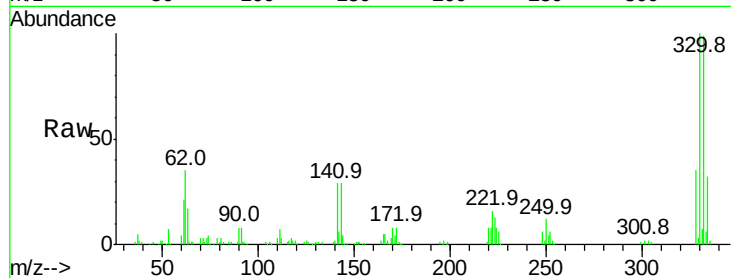




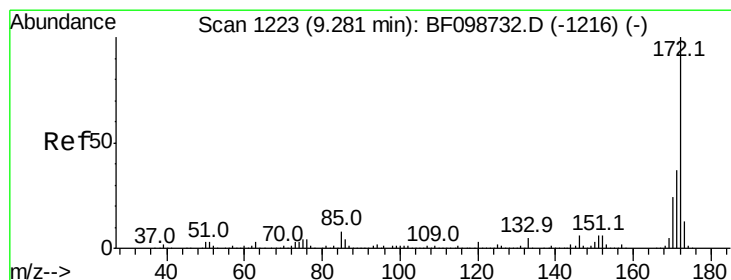
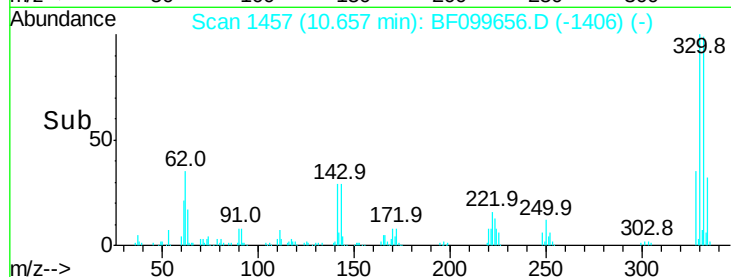
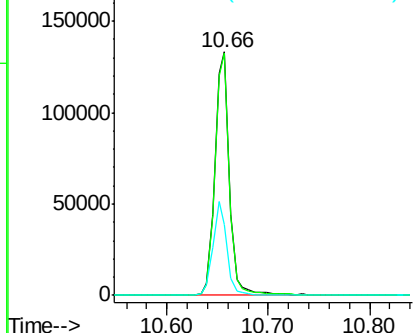
#41
 2,4,6-Tribromophenol
 Concen: 146.956 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	36.7	29.9	44.9

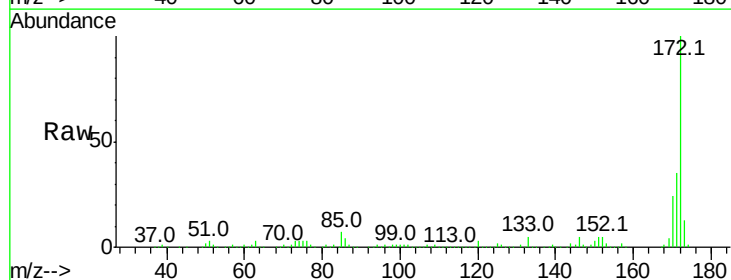


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

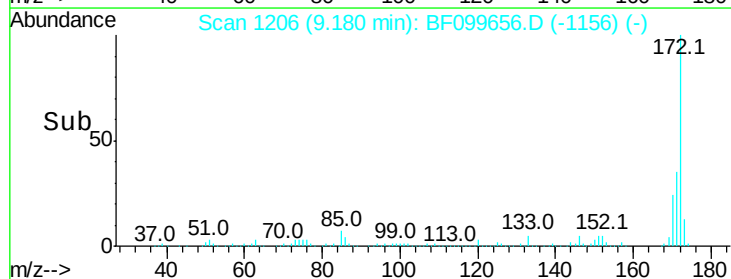
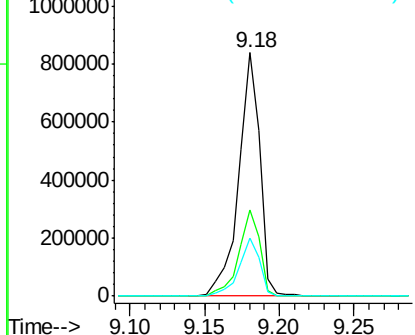


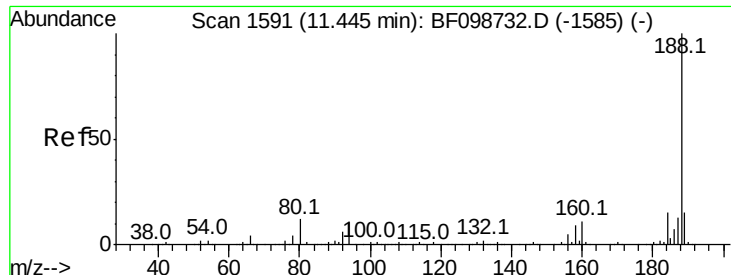
#44
 2-Fluorobiphenyl
 Concen: 124.799 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	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

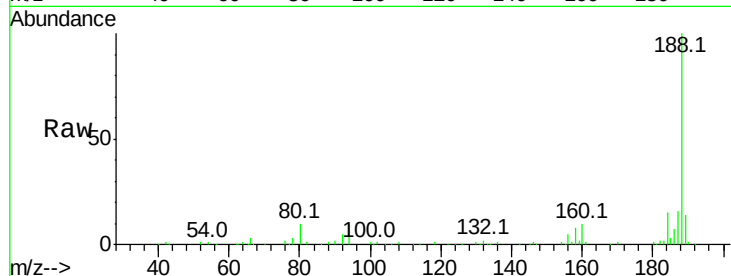




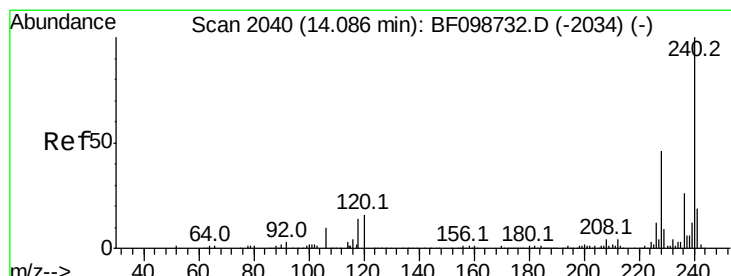
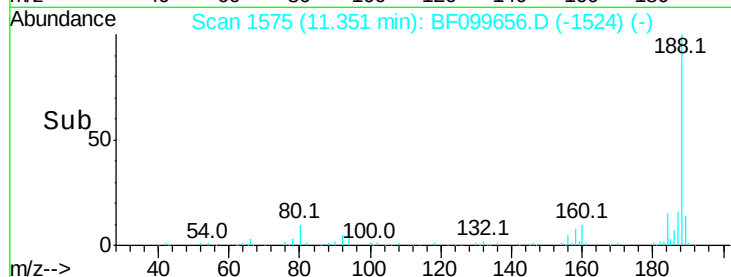
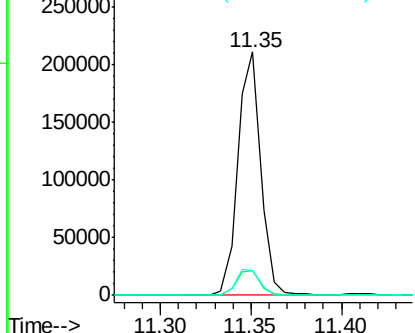
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:188 Resp: 185317
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.0 9.2 13.8

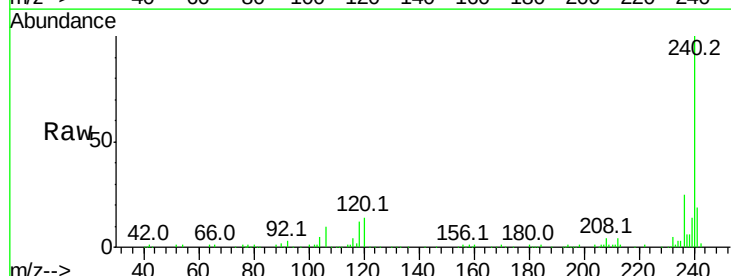


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

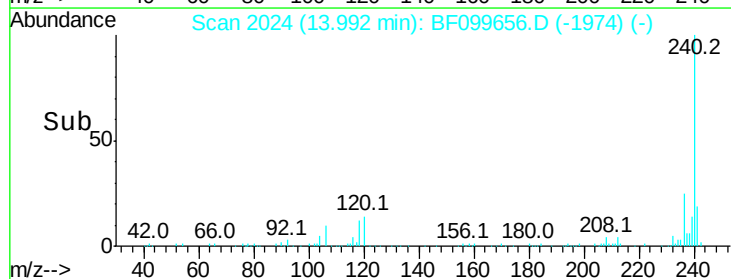
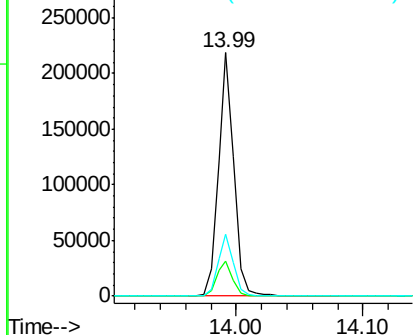


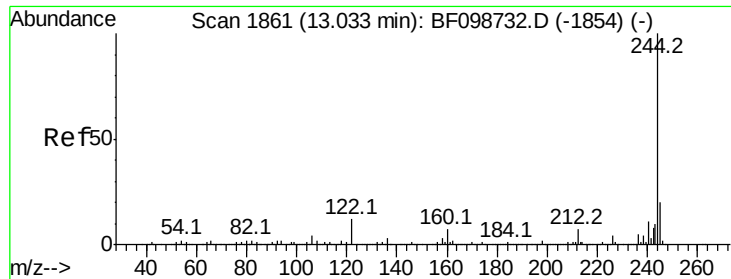
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:240 Resp: 186816
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.3 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

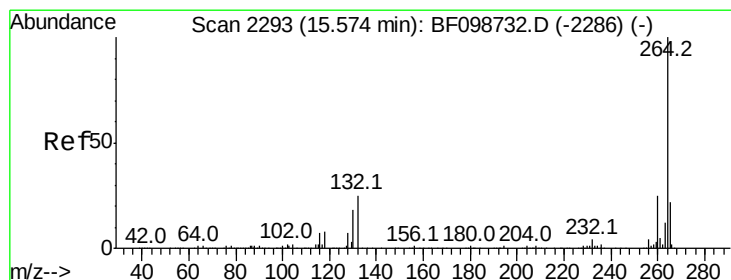
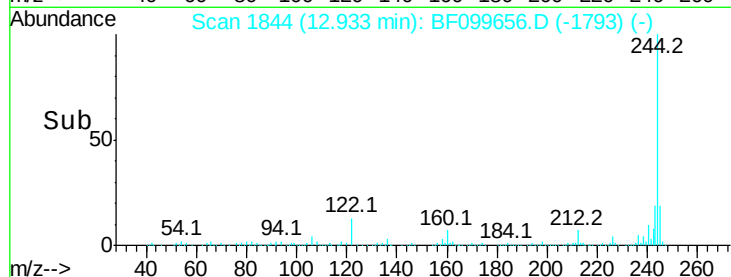
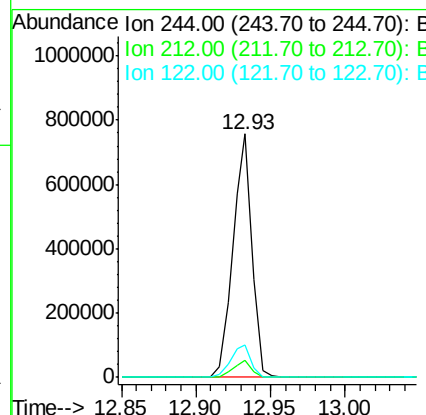
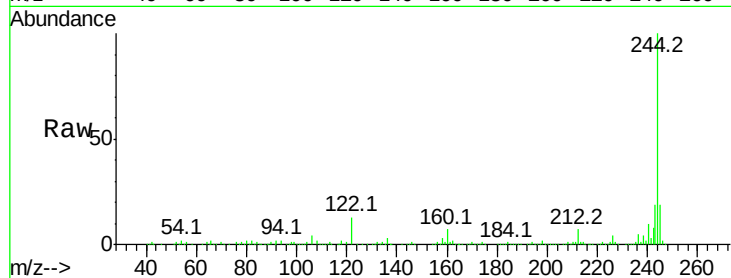




#78
 Terphenyl-d14
 Concen: 83.030 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

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

Tot Ion:244 Resp: 682058
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 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: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:264 Resp: 151849
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.1 17.5 26.3

