

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099975.D
 Acq On : 30 Oct 2017 22:04
 Operator : SJ/JU
 Sample : I6171-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

Quant Time: Oct 31 04:04:15 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	100215	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	415026	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	181620	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	291639	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	194553	20.00	ng	-0.01
86) Perylene-d12	15.47	264	169821	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	811741	127.17	ng	0.01
7) Phenol-d6	6.44	99	914278	120.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	600790	93.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	224918	135.89	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1233450	104.78	ng	-0.01
78) Terphenyl-d14	12.91	244	882035	99.08	ng	-0.01

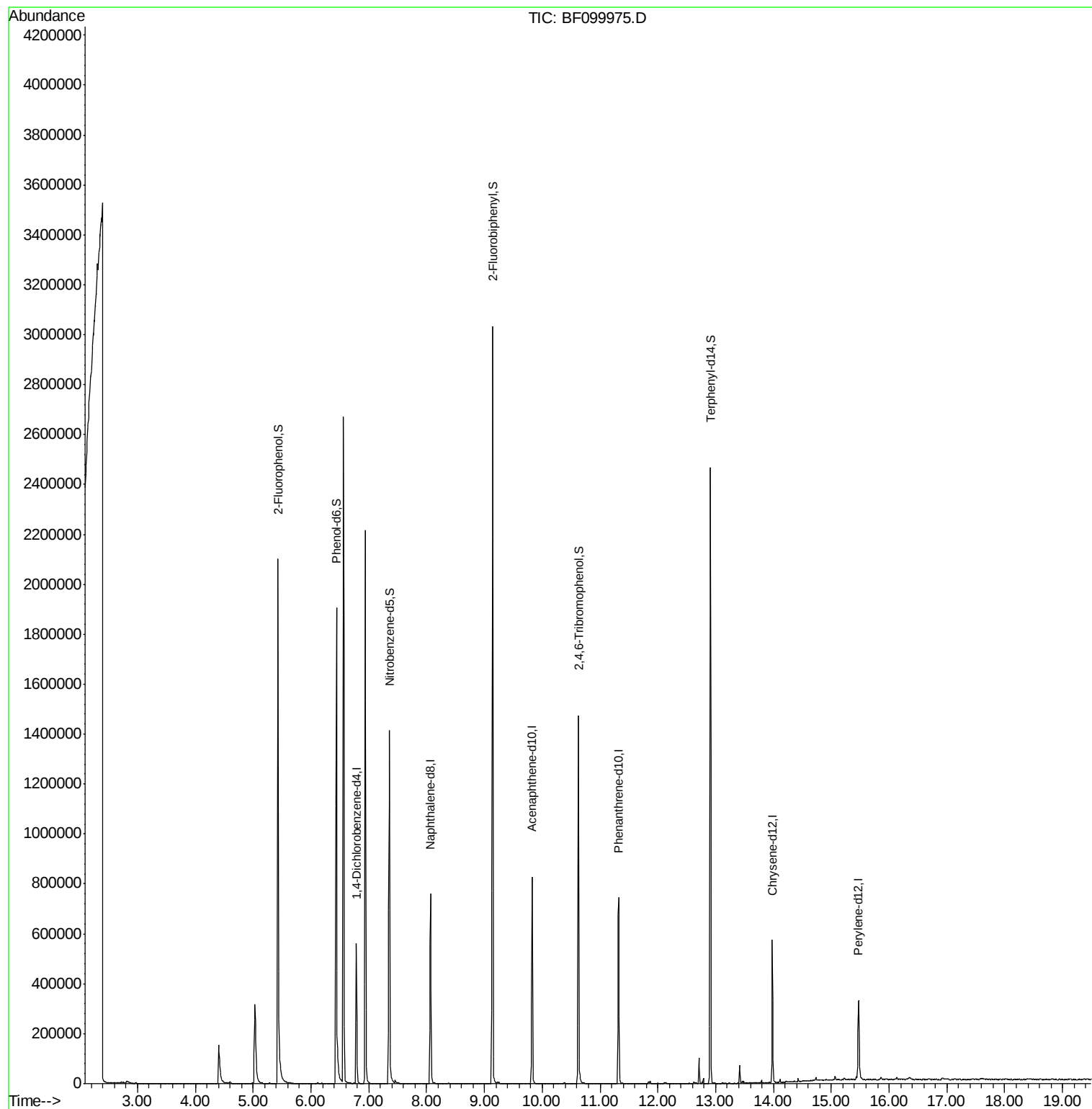
Target Compounds Qvalue

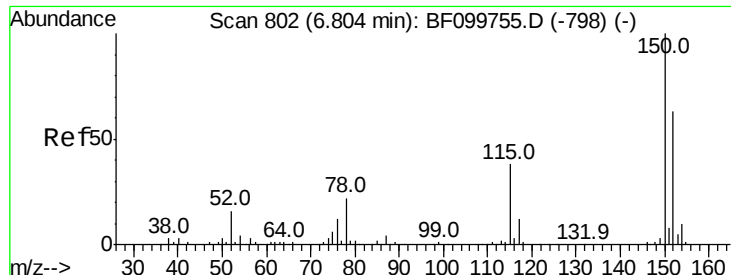
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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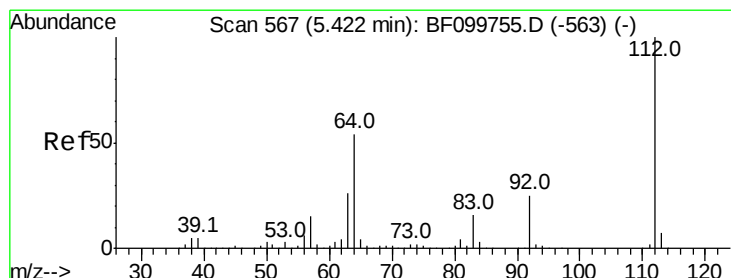
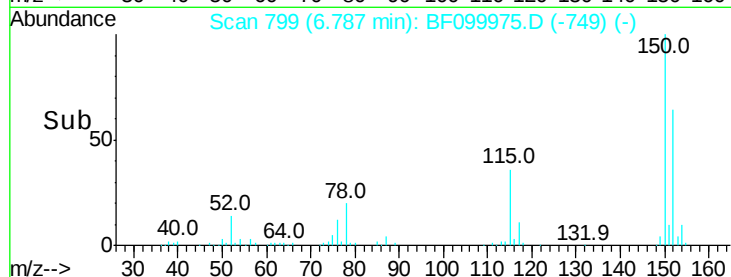
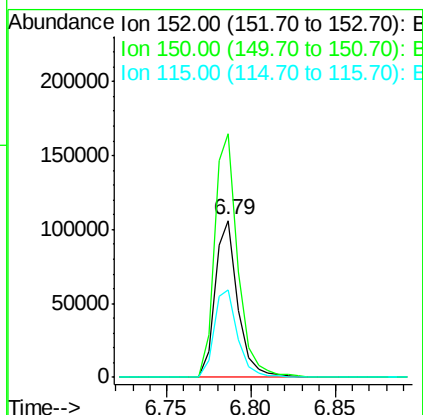
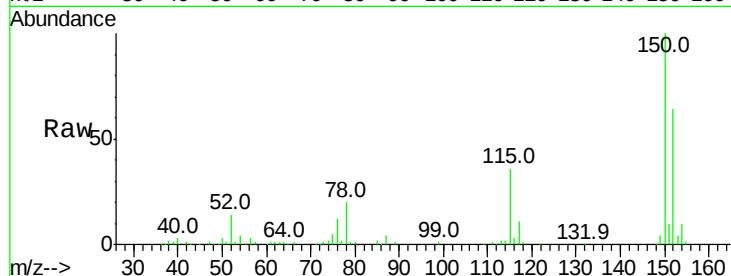


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

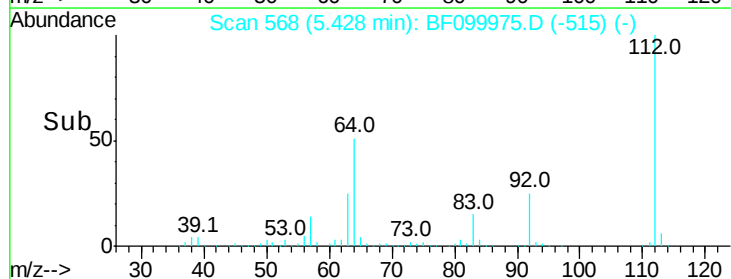
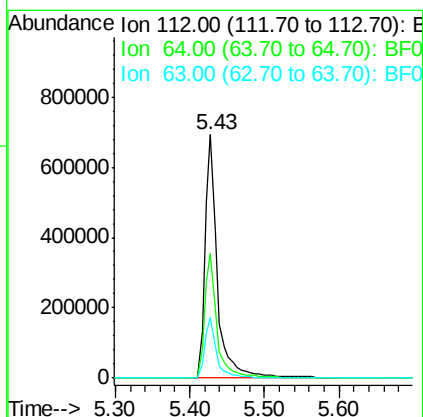
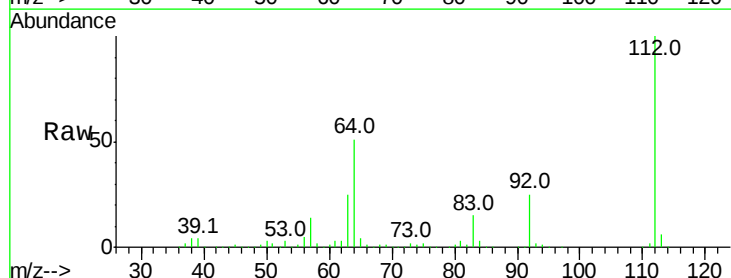
Tot Ion:152 Resp: 100215
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 56.0 50.1 75.1

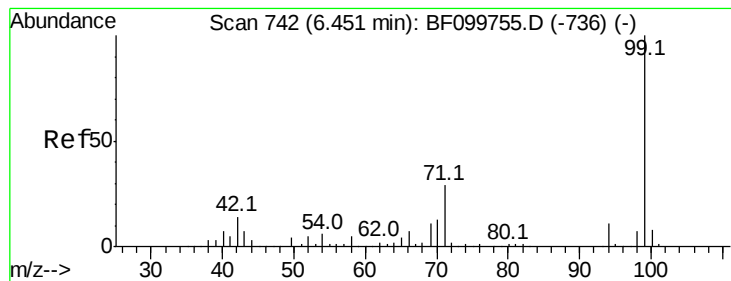


#5

2-Fluorophenol
 Concen: 127.167 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:112 Resp: 811741
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 120.796 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099755.D

Acq: 30 Oct 2017 22:04

Instrument :

BNA_F

ClientSampleId :

CL-01-102617-D

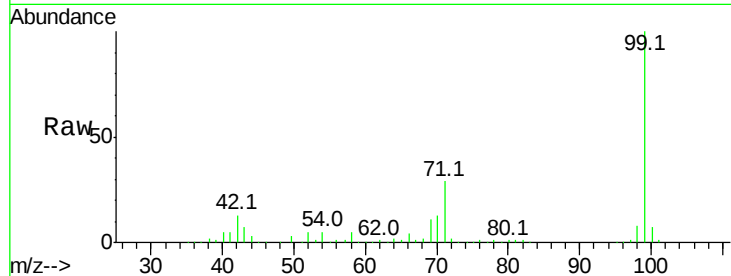
Tot Ion: 99 Resp: 914278

Ion Ratio Lower Upper

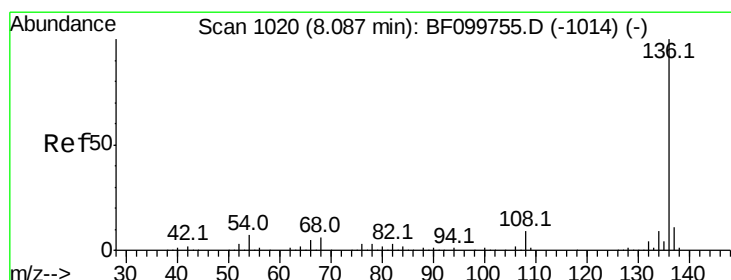
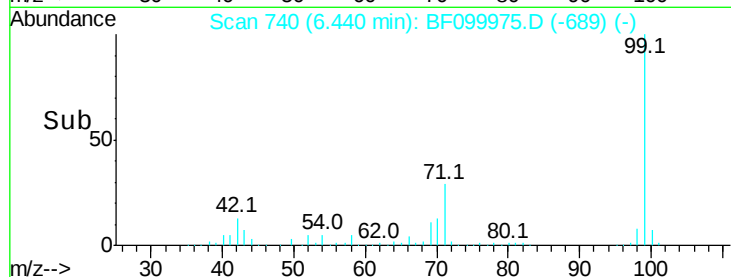
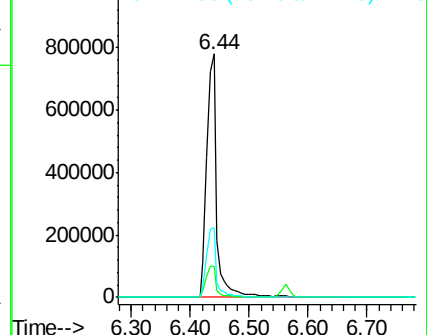
99 100

42 12.7 14.5 21.7#

71 28.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099755.D

Acq: 30 Oct 2017 22:04

Tgt Ion: 136 Resp: 415026

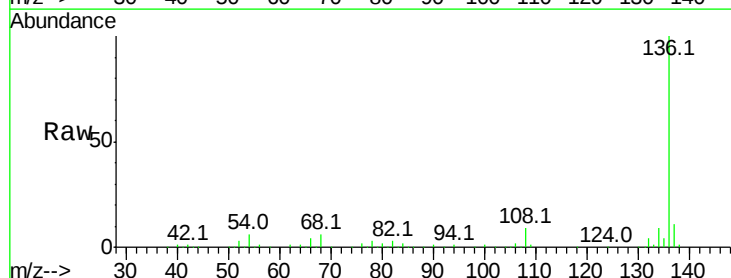
Ion Ratio Lower Upper

136 100

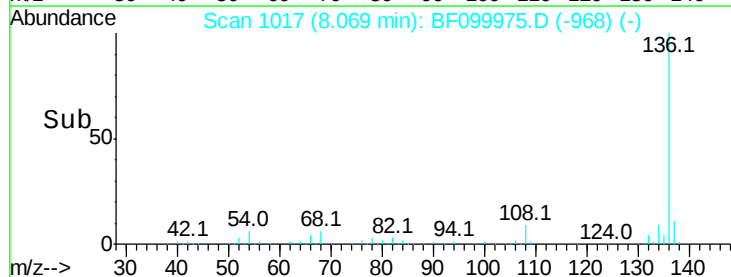
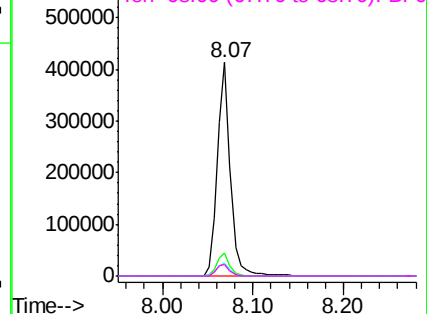
137 10.5 8.9 13.3

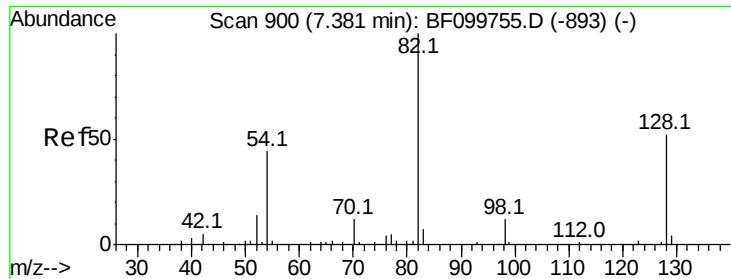
54 6.0 6.6 9.8#

68 5.5 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

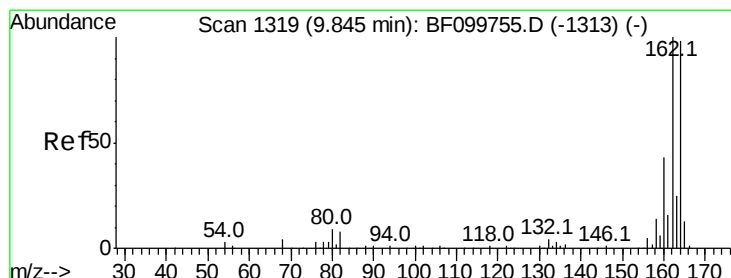
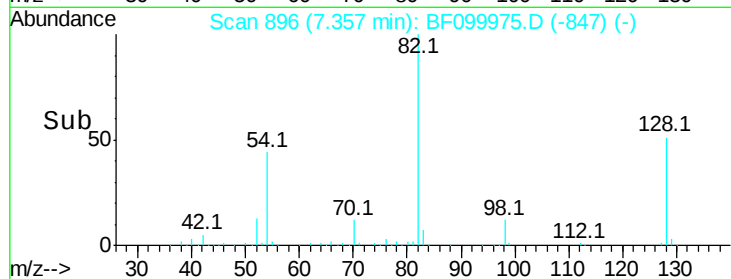
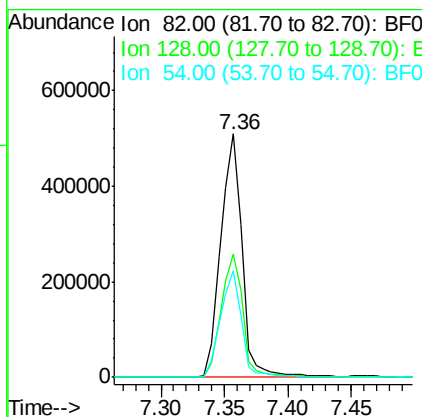
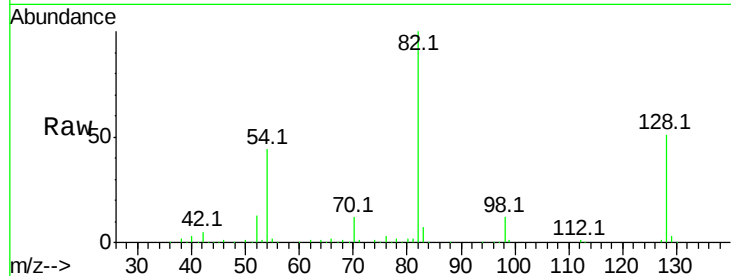




#23
 Nitrobenzene-d5
 Concen: 93.197 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

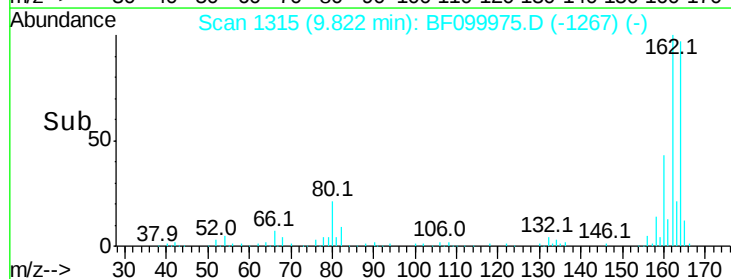
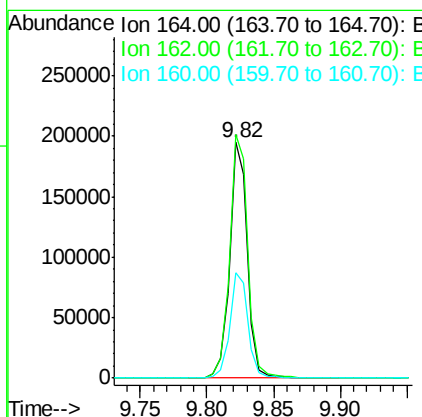
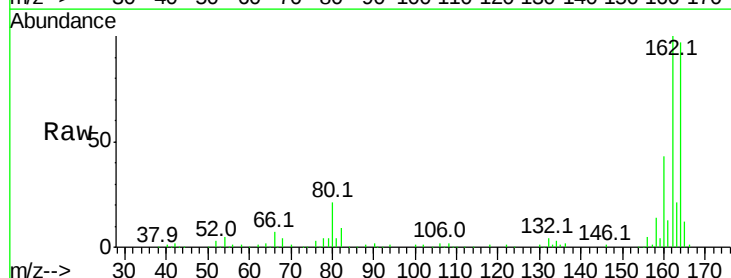
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

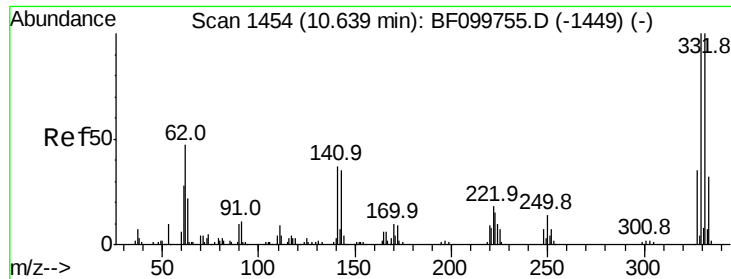
Tot Ion	82	Resp	600790
Ion Ratio	100	Lower	Upper
128	50.7	36.1	54.1
54	43.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion	164	Resp	181620
Ion Ratio	100	Lower	Upper
162	103.3	86.1	129.1
160	44.9	38.3	57.5

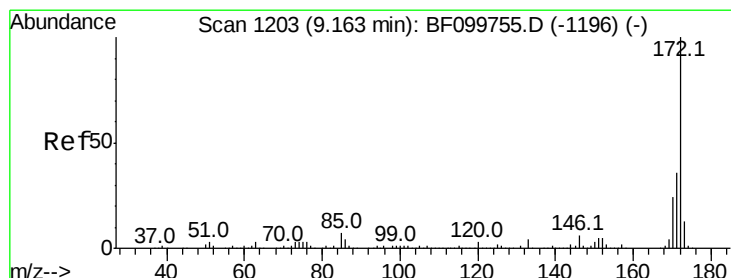
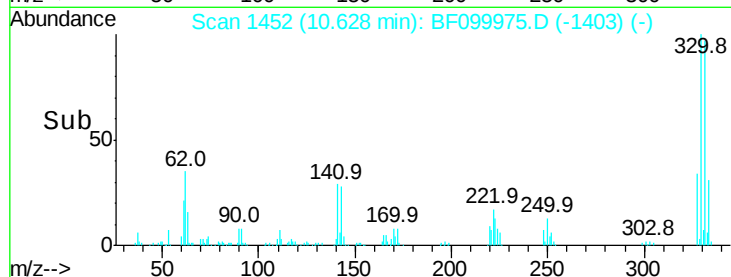
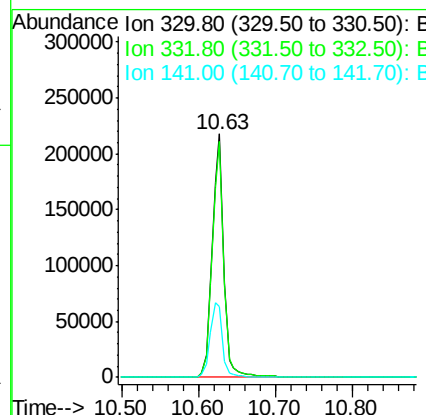
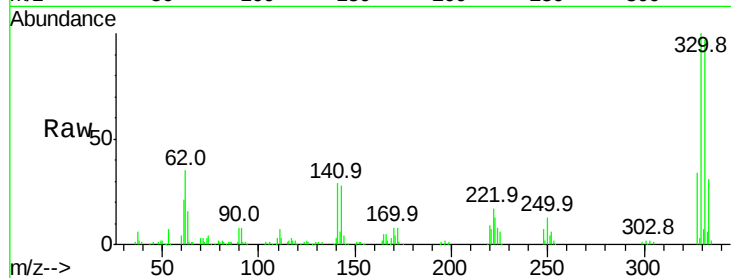




#41
 2,4,6-Tribromophenol
 Concen: 135.891 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

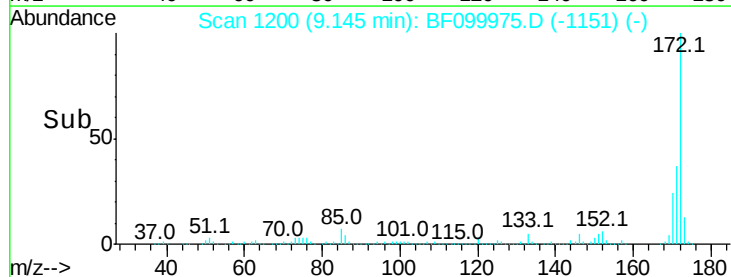
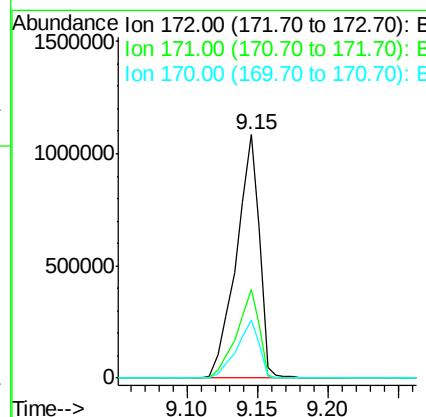
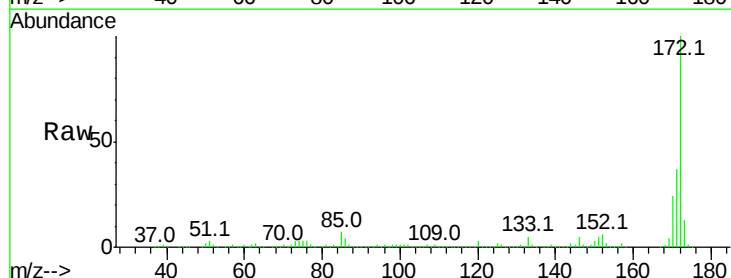
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

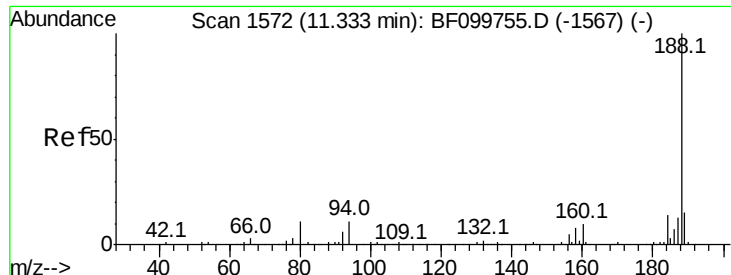
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 104.780 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.7	19.6	29.4

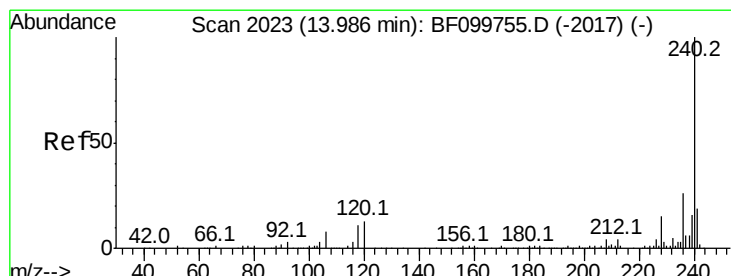
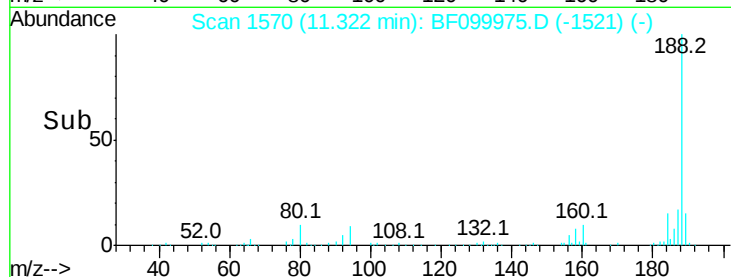
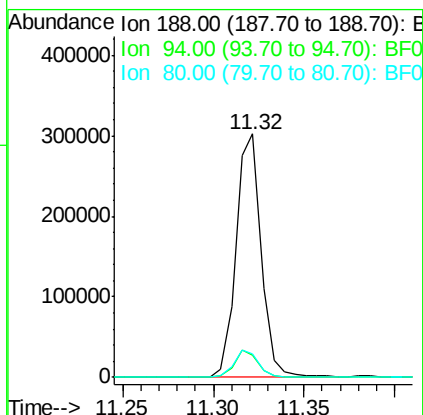
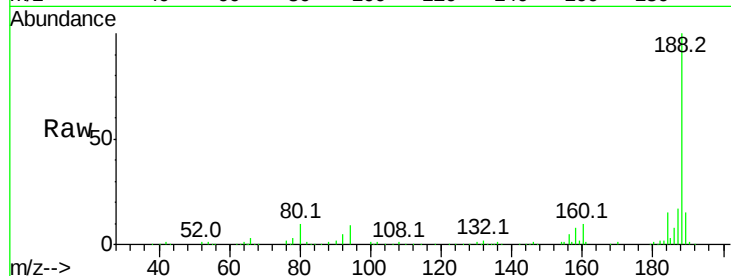




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099975.D
Acq: 30 Oct 2017 22:04

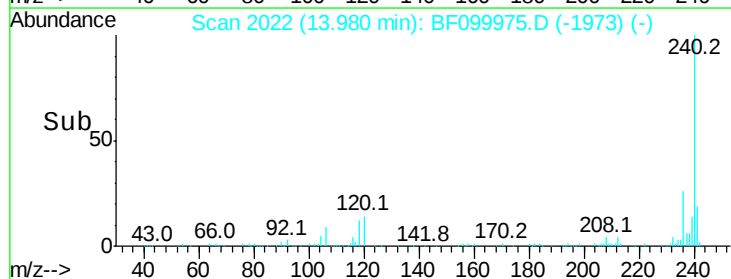
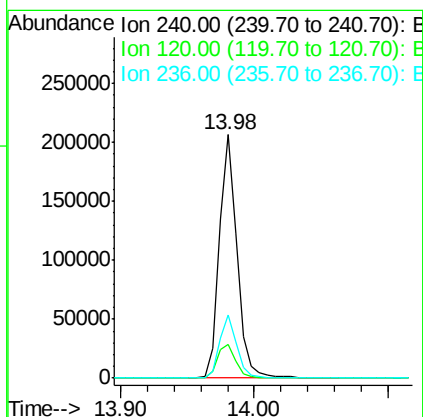
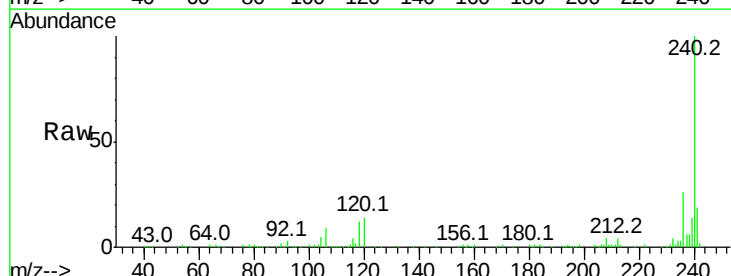
Instrument :
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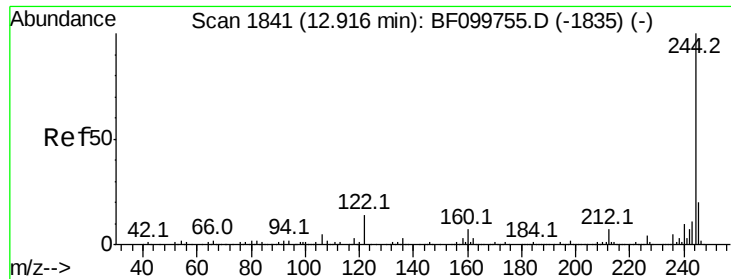
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099975.D
Acq: 30 Oct 2017 22:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.9	20.7	31.1

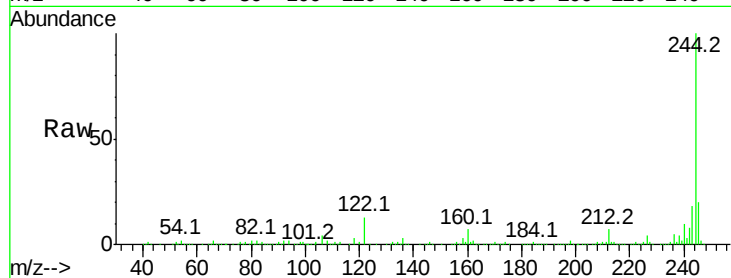




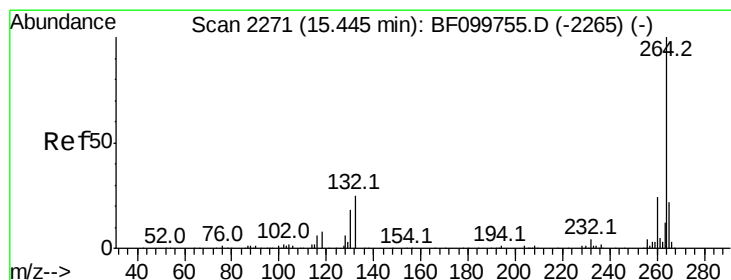
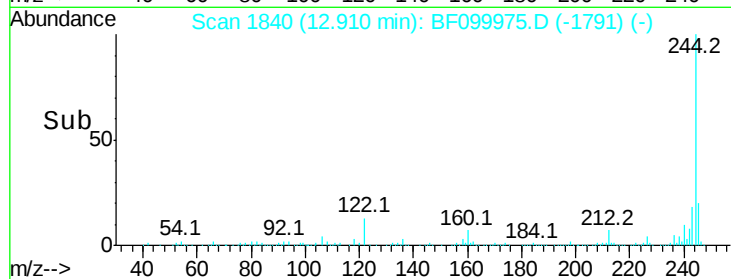
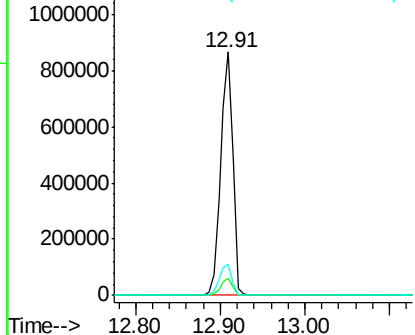
#78
 Terphenyl-d14
 Concen: 99.077 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-D

Tot Ion:244 Resp: 882035
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.9 11.0 16.4

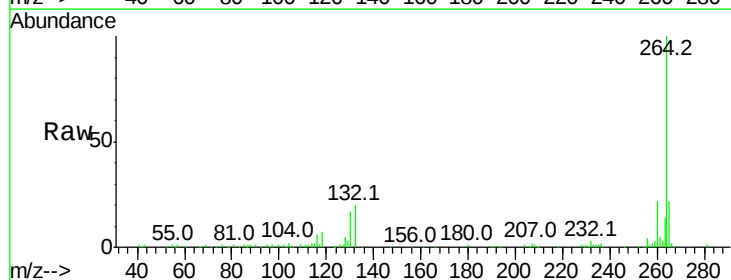


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.02 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:264 Resp: 169821
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.5 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

