

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099838.D
 Acq On : 26 Oct 2017 3:49
 Operator : SJ/JU
 Sample : I6085-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-28-20

Quant Time: Oct 26 04:23:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

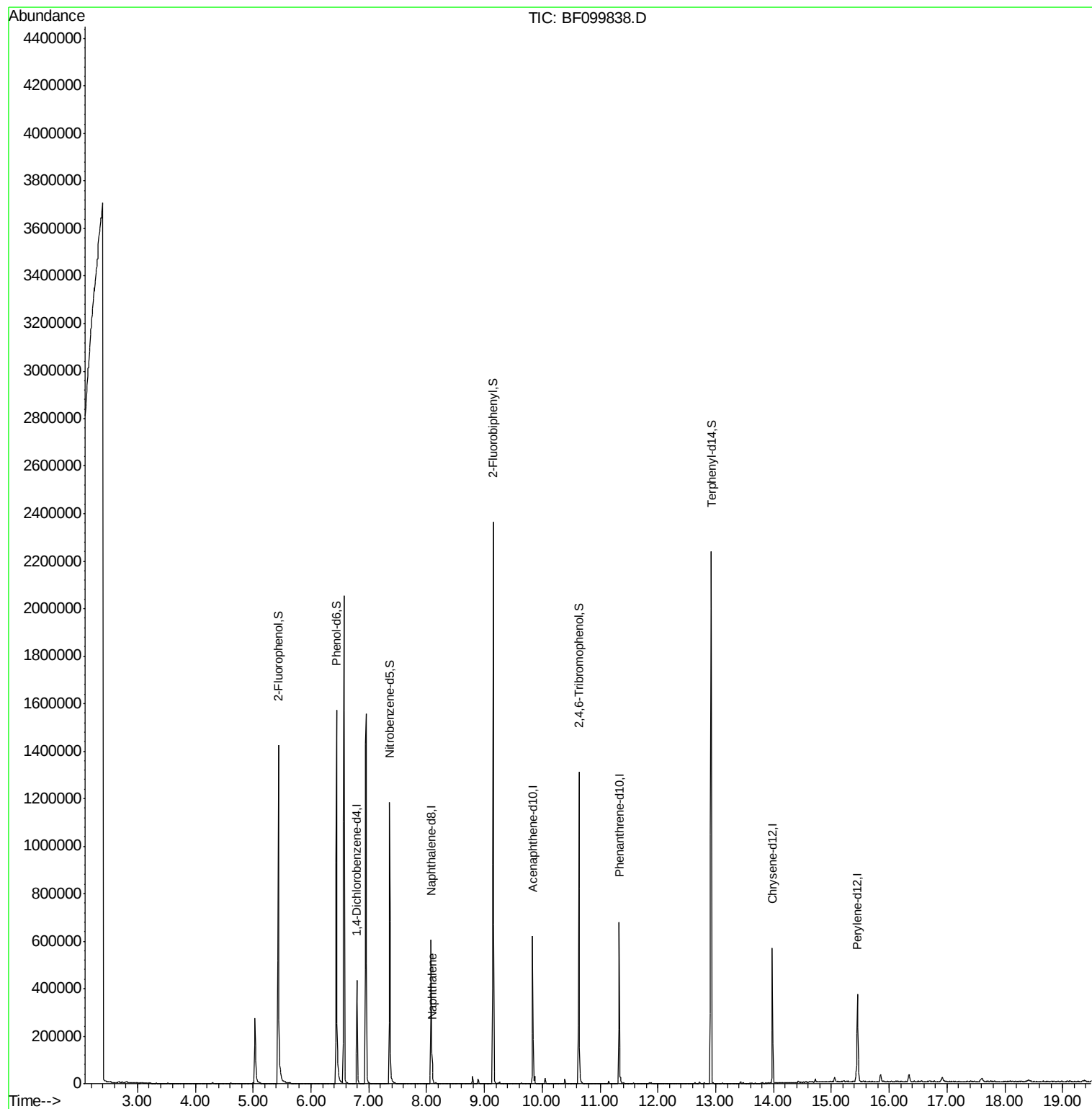
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73067	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	295511	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	132539	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	242738	20.00	ng	0.00
75) Chrysene-d12	13.98	240	200402	20.00	ng	0.00
86) Perylene-d12	15.46	264	174490	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	570330	122.54	ng	0.02
7) Phenol-d6	6.44	99	630579	114.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	410393	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	165699	137.19	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	838301	97.58	ng	0.00
78) Terphenyl-d14	12.92	244	779044	84.95	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	37444	2.625	ng	Qvalue 99

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

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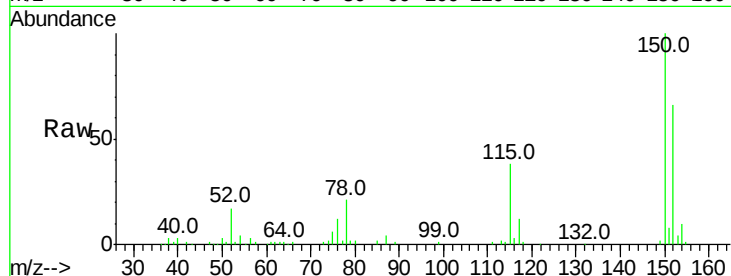


#1

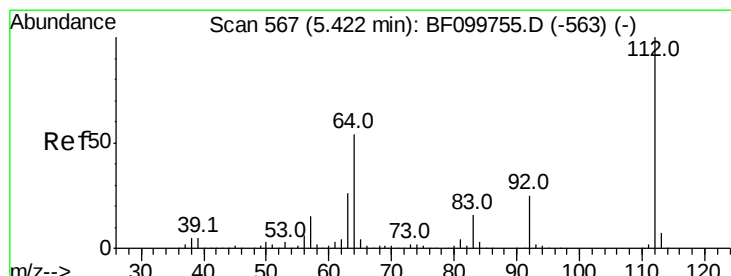
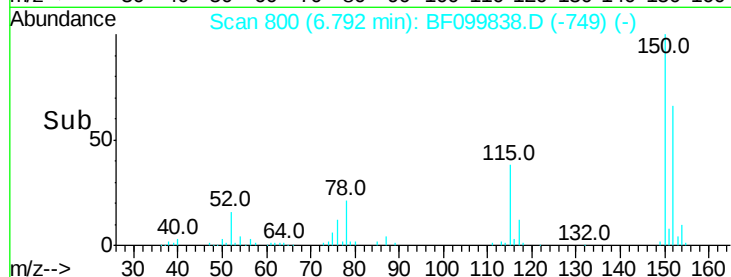
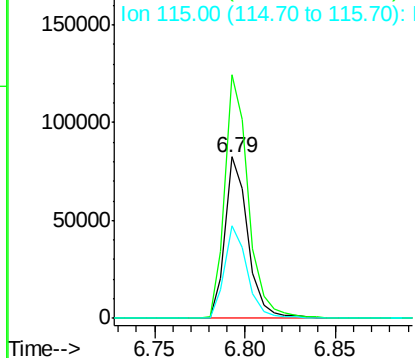
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-28-20

Tot Ion:152 Resp: 73067
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 57.4 50.1 75.1



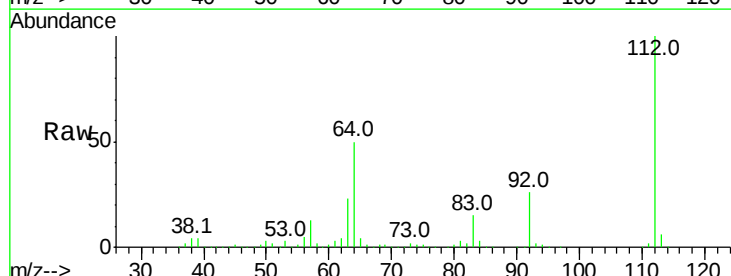
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



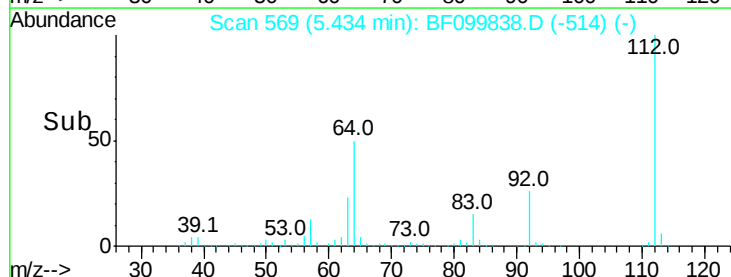
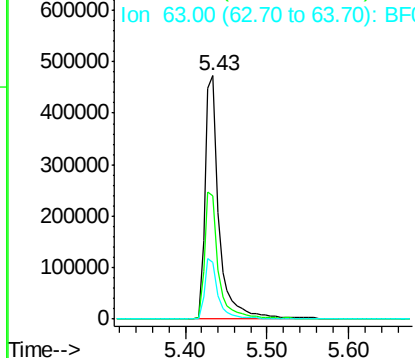
#5

2-Fluorophenol
Concen: 122.545 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Tgt Ion:112 Resp: 570330
Ion Ratio Lower Upper
112 100
64 50.5 47.9 71.9
63 23.5 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: 114.269 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-28-20

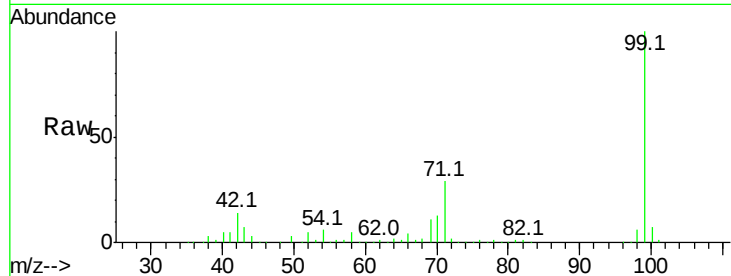
Tot Ion: 99 Resp: 630579

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

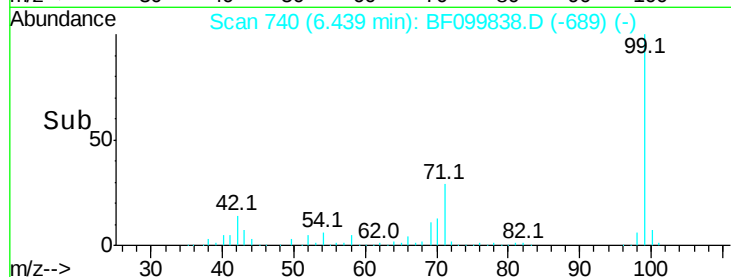
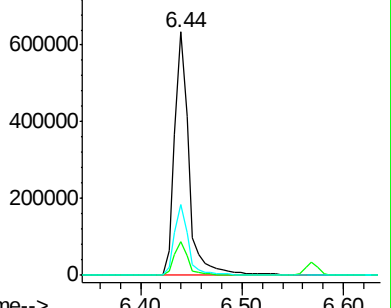
71 29.3 25.4 38.0



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# 1018

Delta R.T. -0.01 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Tgt Ion:136 Resp: 295511

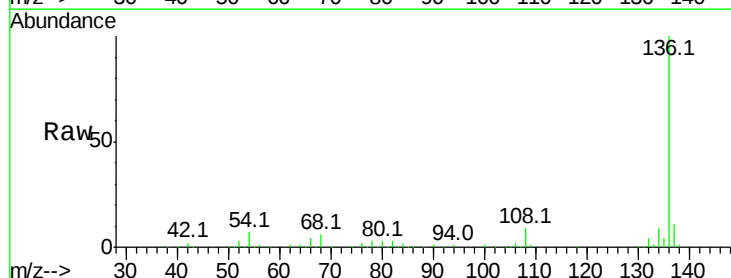
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

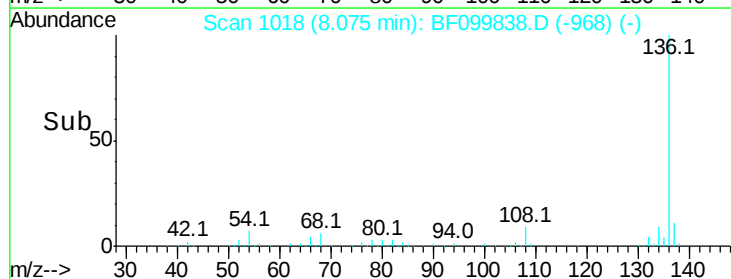
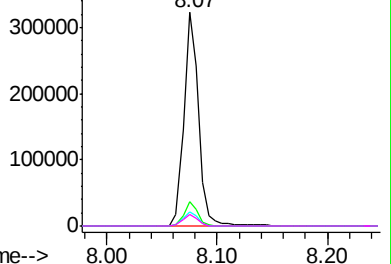


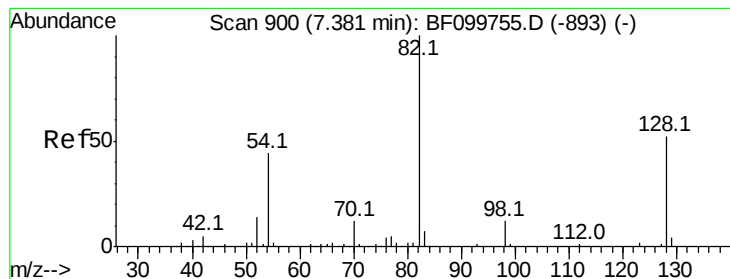
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.409 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-28-20

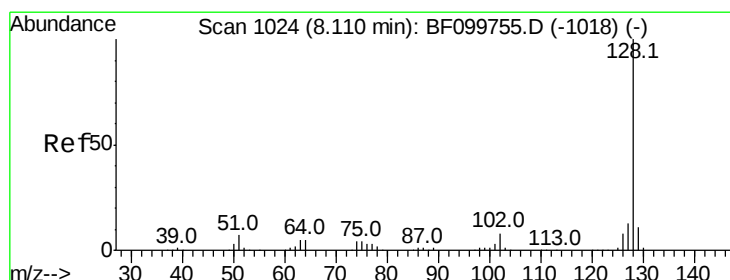
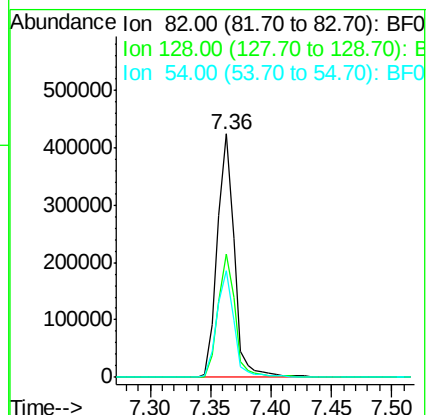
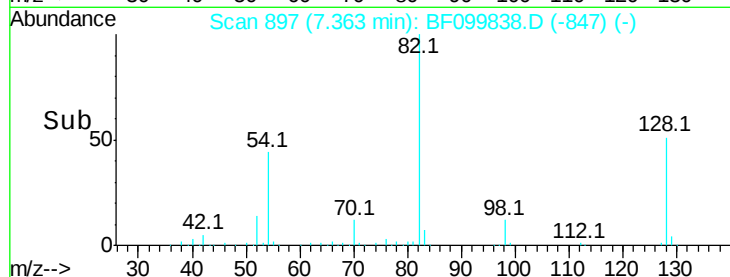
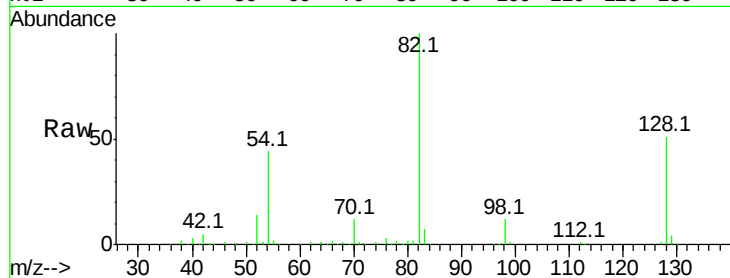
Tot Ion: 82 Resp: 410393

Ion Ratio Lower Upper

82 100

128 50.8 36.1 54.1

54 44.1 41.4 62.2



#31

Naphthalene

Concen: 2.625 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

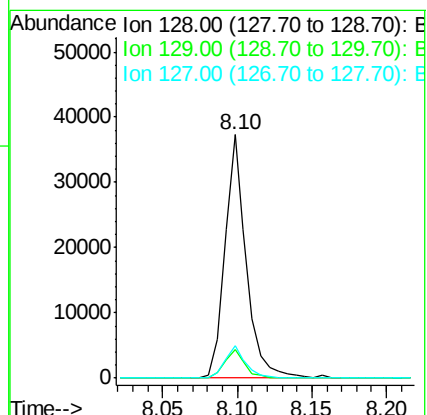
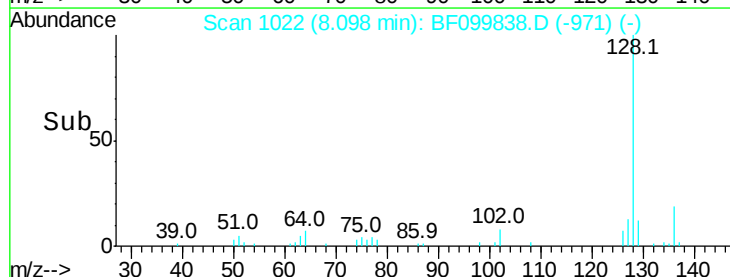
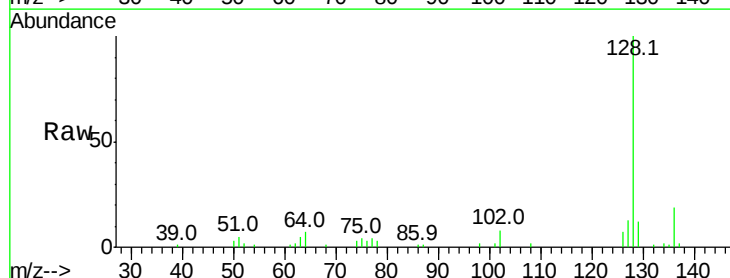
Tgt Ion:128 Resp: 37444

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

127 13.3 10.9 16.3

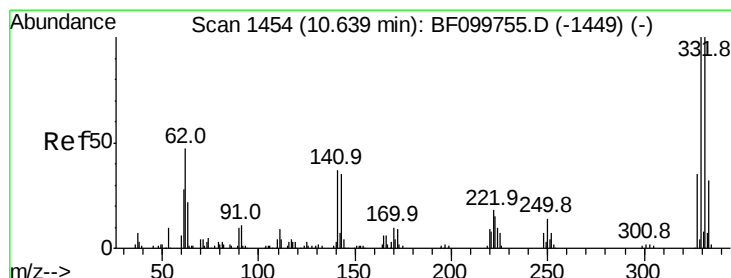
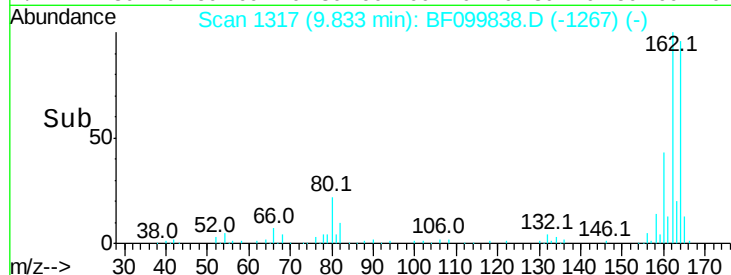
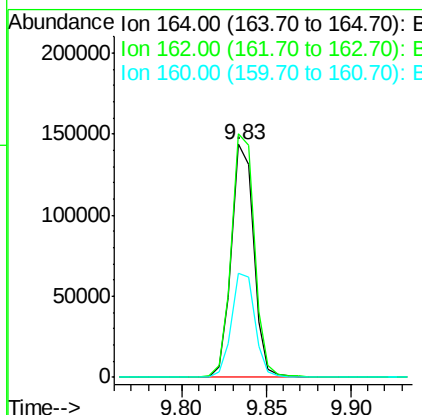
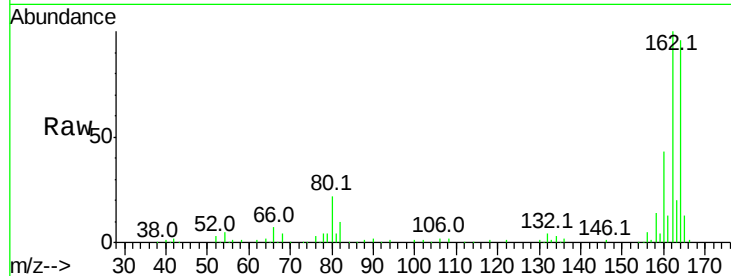




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

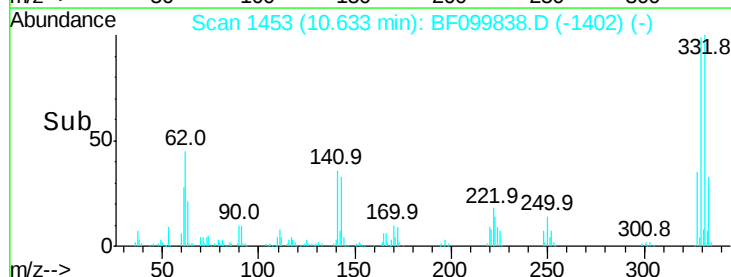
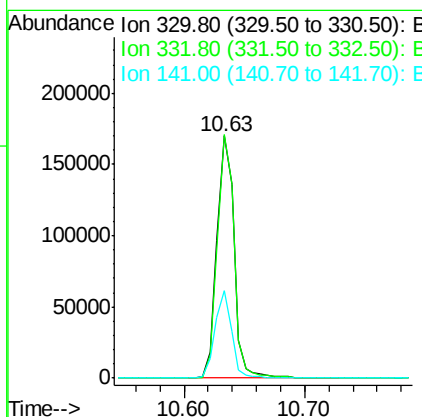
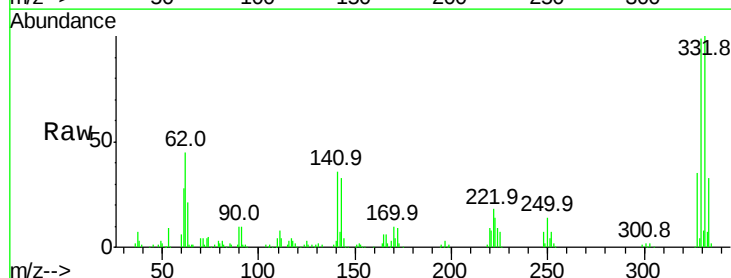
Instrument :
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ROLLOFF-28-20

Tot Ion:164 Resp: 132539
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 44.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 137.185 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Tgt Ion:330 Resp: 165699
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 34.8 29.9 44.9

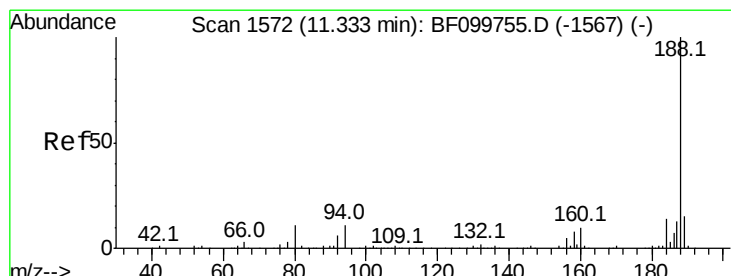
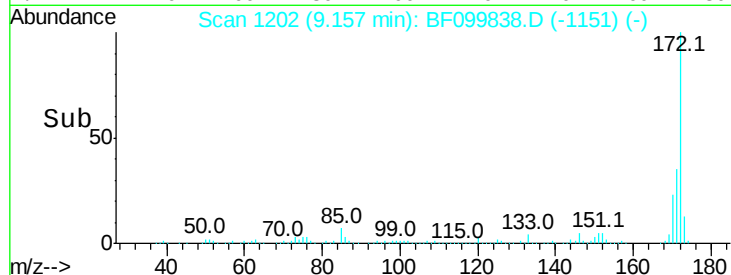
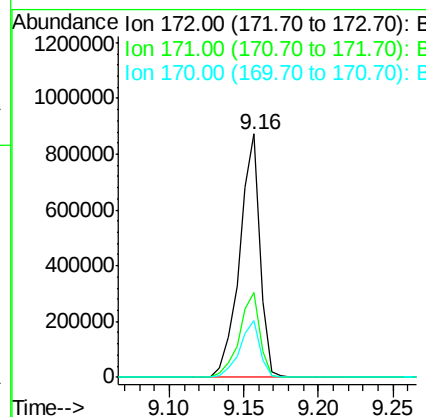
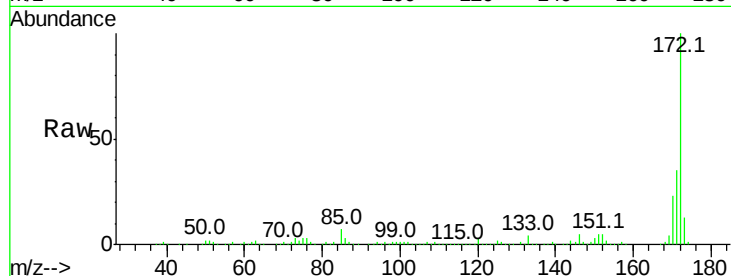




#44
 2-Fluorobiphenyl
 Concen: 97.584 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099838.D
 Acq: 26 Oct 2017 3:49

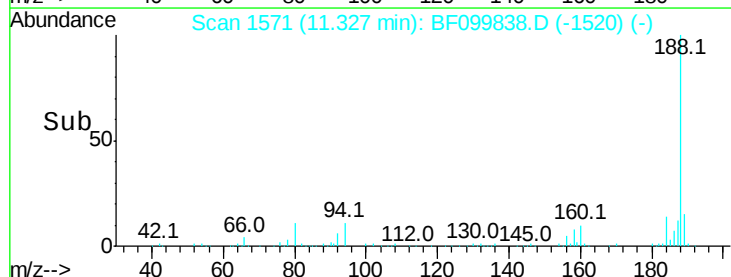
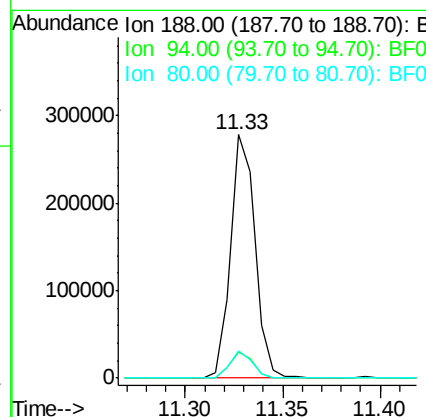
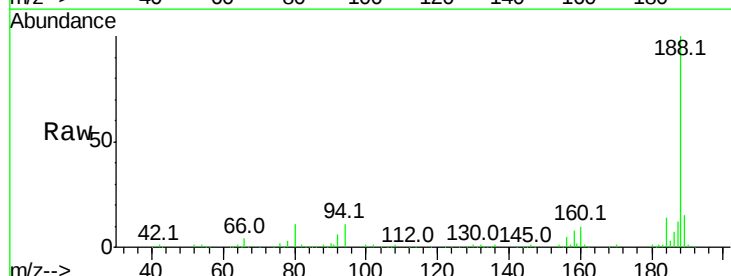
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-28-20

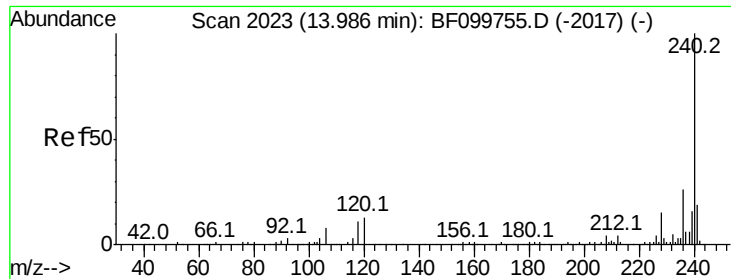
Tot Ion:	172	Resp:	838301
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.5	19.6	29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF099838.D
 Acq: 26 Oct 2017 3:49

Tgt Ion:	188	Resp:	242738
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

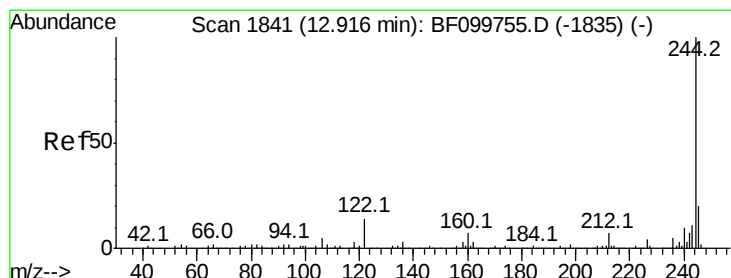
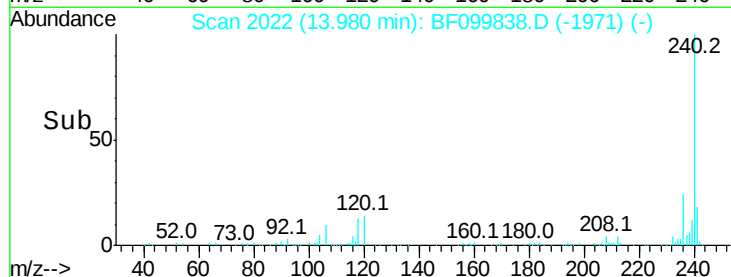
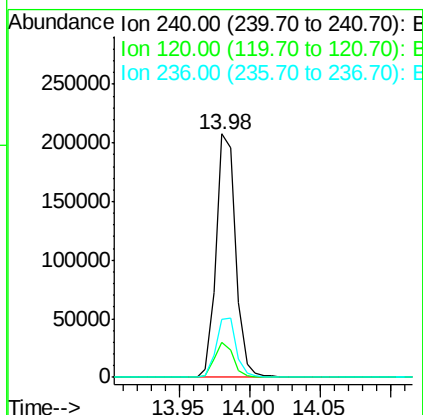
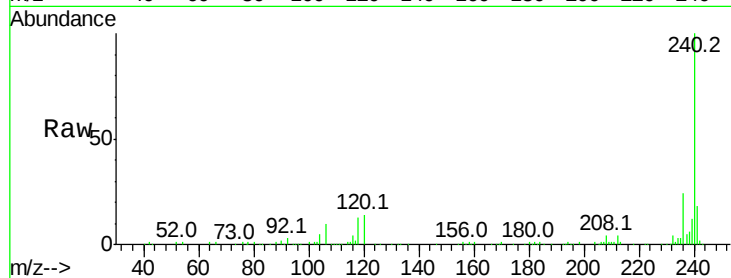




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

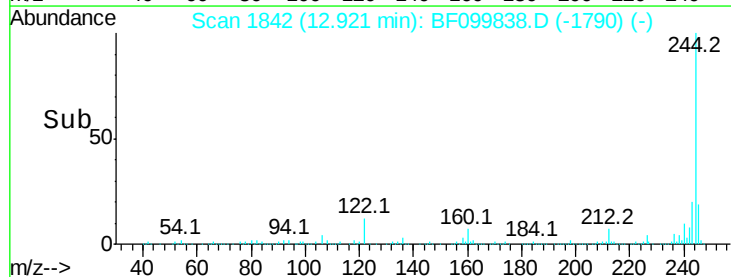
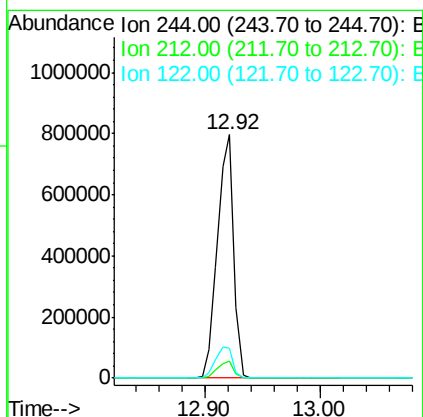
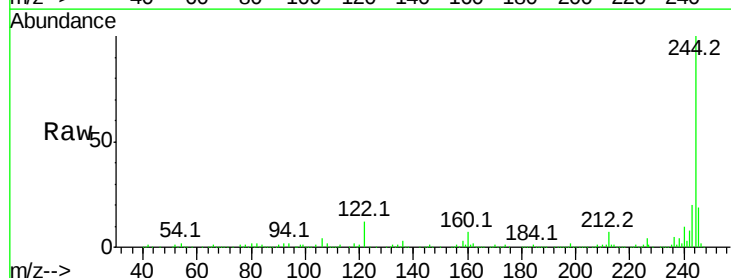
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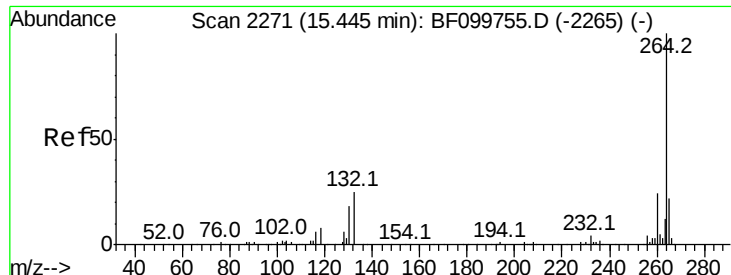
Tot Ion:240 Resp: 200402
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 24.1 20.7 31.1



#78
Terphenyl-d14
Concen: 84.954 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Tgt Ion:244 Resp: 779044
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.4 11.0 16.4

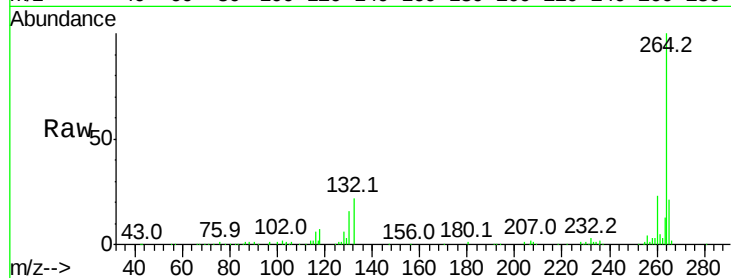




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	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

