

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101216.D
 Acq On : 7 Dec 2017 20:13
 Operator : SJ/JU
 Sample : I6742-01DL2 25X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4DL2

Quant Time: Dec 08 00:30:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

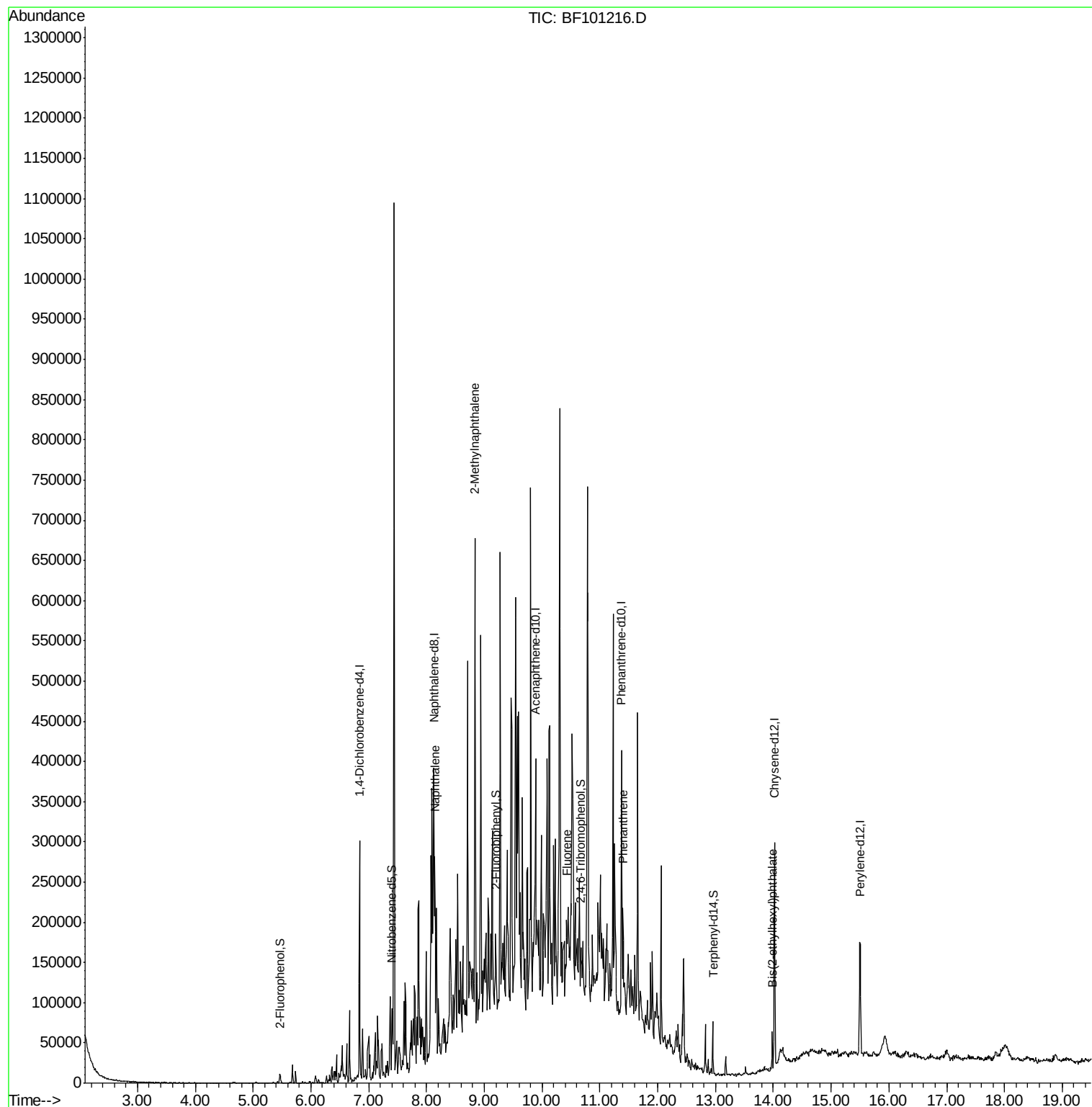
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	40298	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	144025	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	59970	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	101804	20.00	ng	0.00
75) Chrysene-d12	14.02	240	87220	20.00	ng	0.00
86) Perylene-d12	15.50	264	68966	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	6188	2.54	ng	0.00
7) Phenol-d6	6.49	99	4326	1.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	9486	3.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	3591	4.98	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	23705	5.41	ng	-0.01
78) Terphenyl-d14	12.96	244	20730	5.20	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	54425	7.667	ng	# 95
37) 2-Methylnaphthalene	8.84	142	154777	32.090	ng	# 99
57) Fluorene	10.43	166	11724	2.606	ng	# 98
70) Phenanthrene	11.40	178	34295	6.117	ng	# 97
83) Bis(2-ethylhexyl)phthalate	13.99	149	13634	3.604	ng	# 97

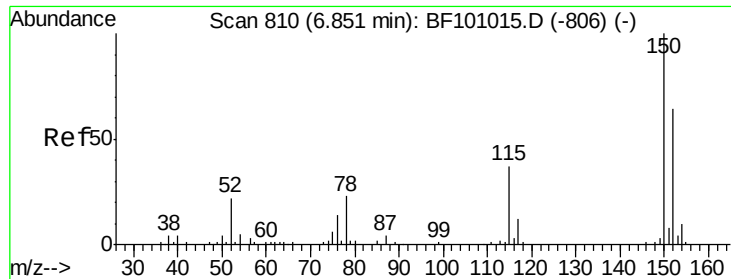
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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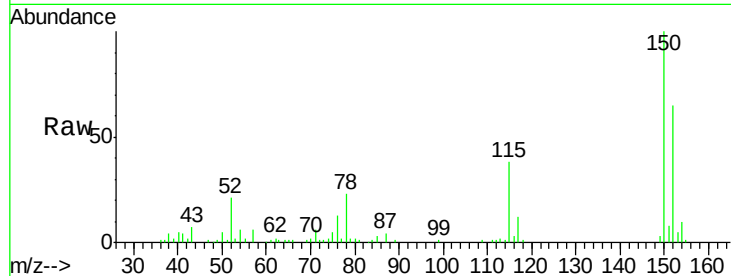


#1

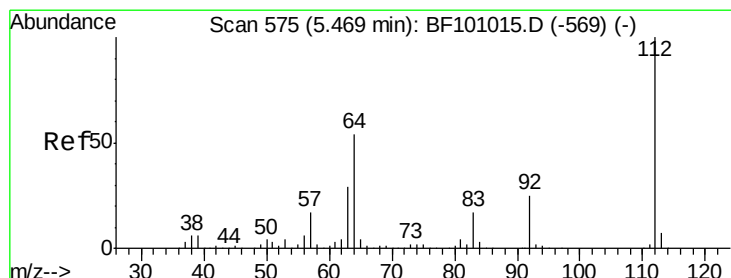
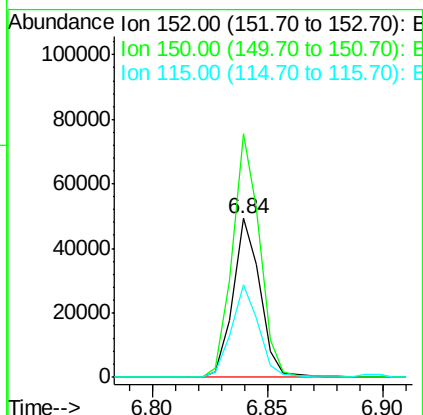
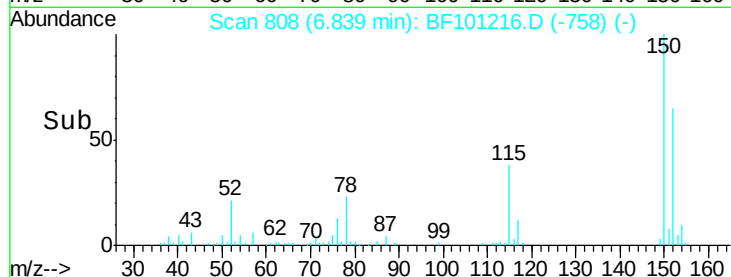
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4DL2

Tot Ion:152 Resp: 40298
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 58.1 50.1 75.1



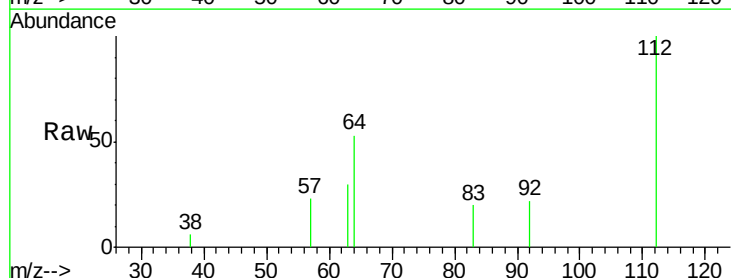
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



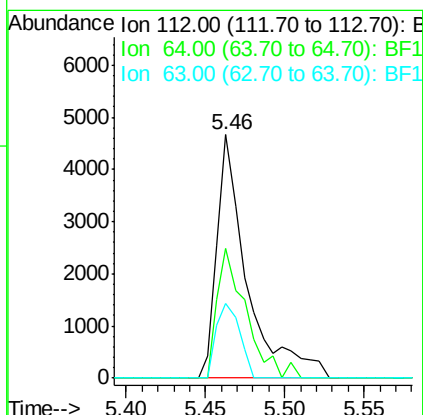
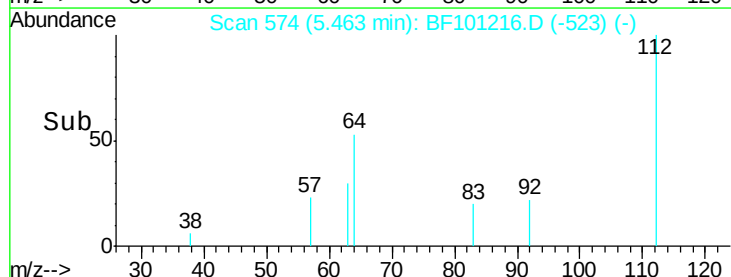
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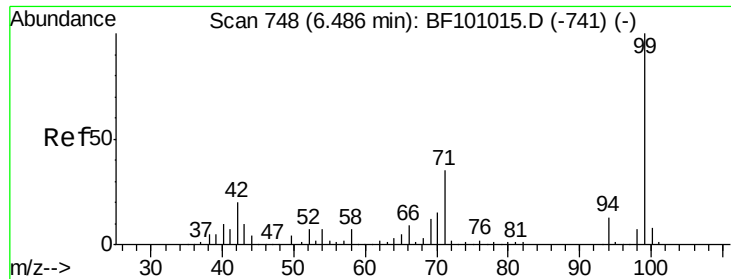
2-Fluorophenol
Concen: 2.537 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:112 Resp: 6188
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.461 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101216.D

Acq: 7 Dec 2017 20:13

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4DL2

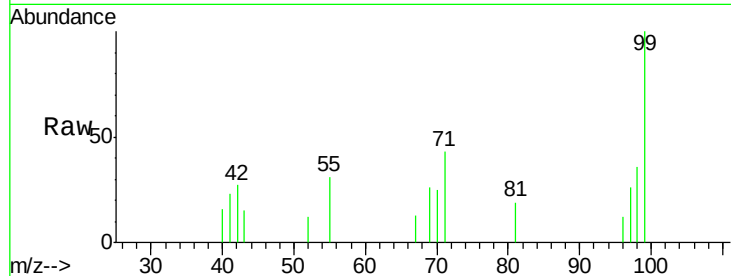
Tot Ion: 99 Resp: 4326

Ion Ratio Lower Upper

99 100

42 27.4 14.5 21.7#

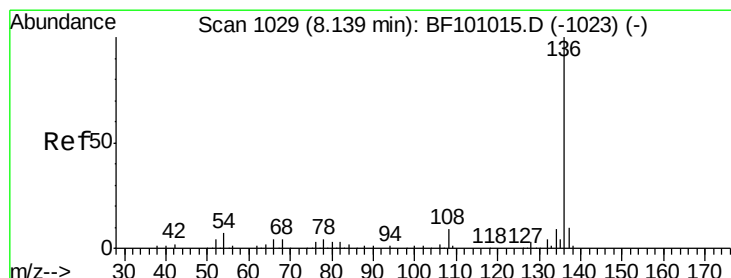
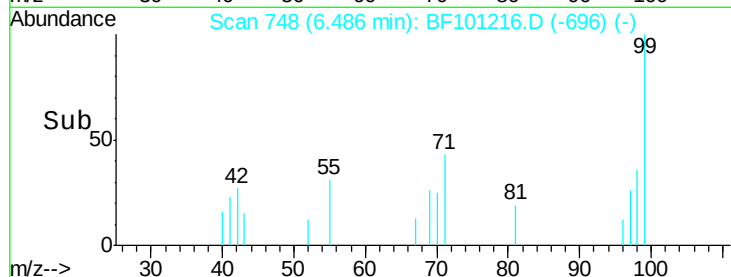
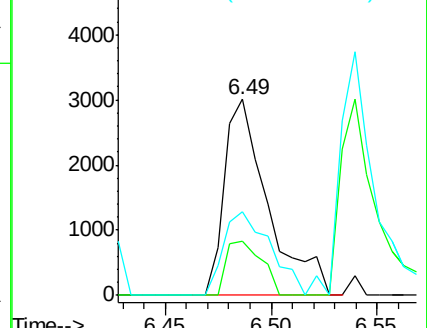
71 42.7 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101216.D

Acq: 7 Dec 2017 20:13

Tgt Ion: 136 Resp: 144025

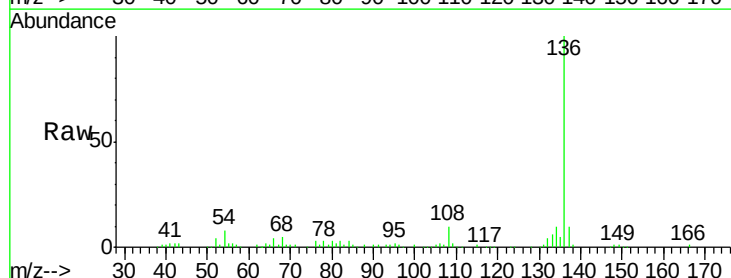
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.5 6.6 9.8

68 4.5 5.0 7.4#

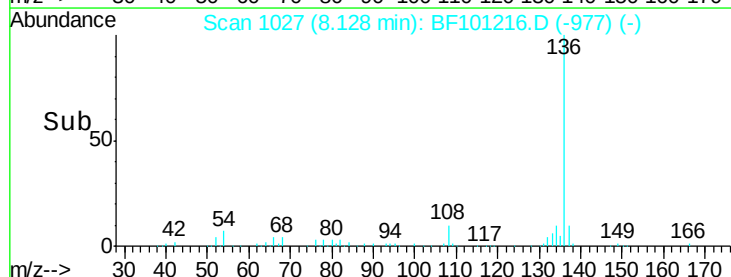
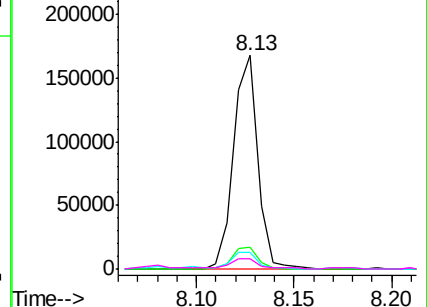


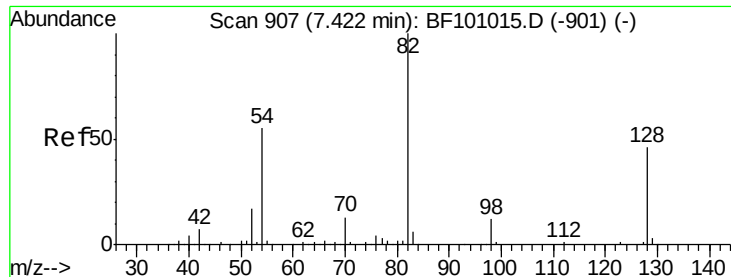
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

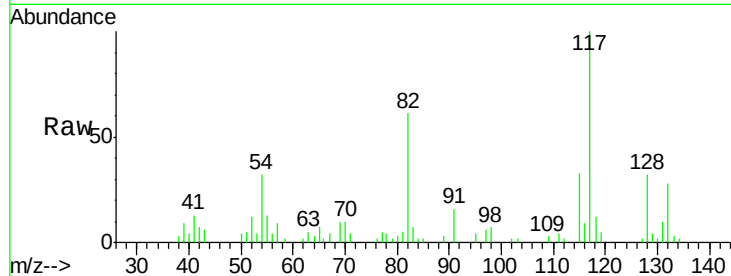




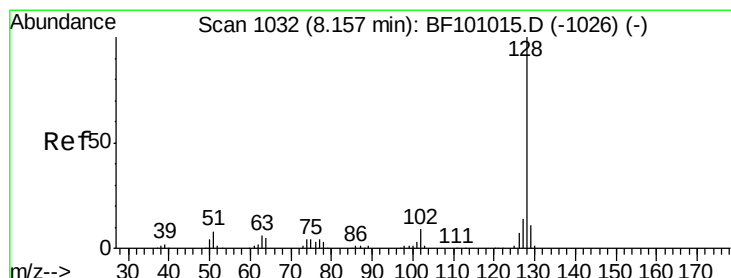
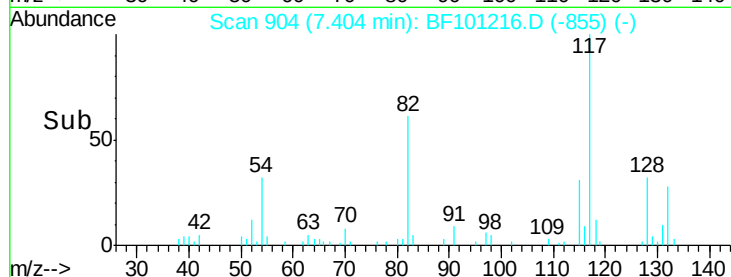
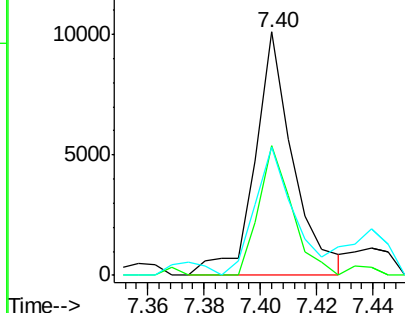
#23
Nitrobenzene-d5
Concen: 3.929 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4DL2

Tot Ion: 82 Resp: 9486
Ion Ratio Lower Upper
82 100
128 53.0 36.1 54.1
54 52.9 41.4 62.2

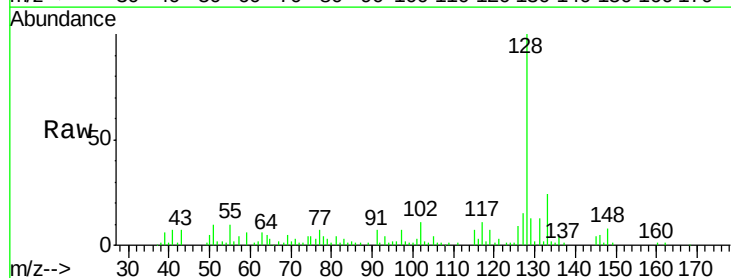


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

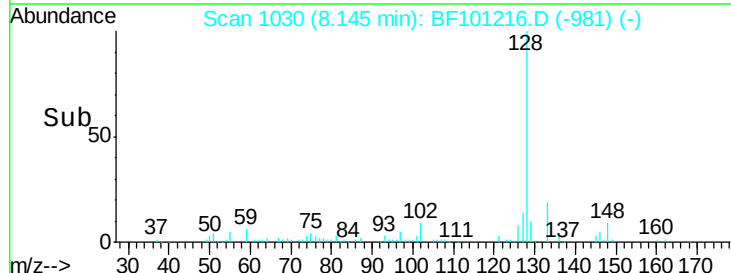
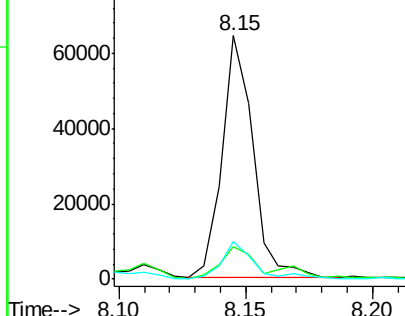


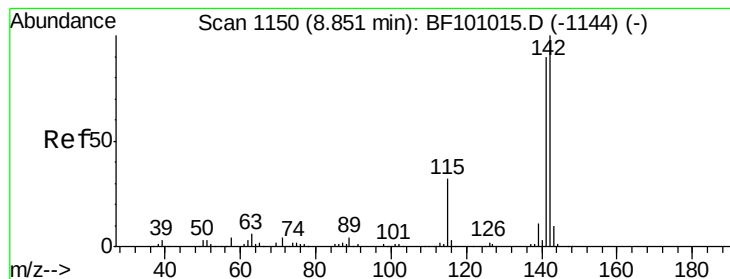
#31
Naphthalene
Concen: 7.667 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion: 128 Resp: 54425
Ion Ratio Lower Upper
128 100
129 13.5 8.8 13.2#
127 15.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

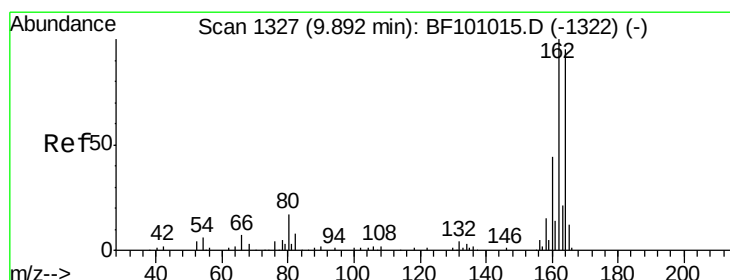
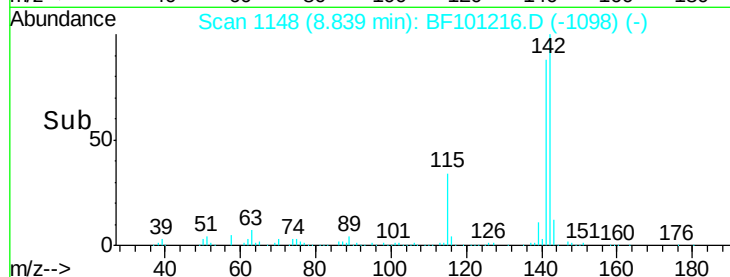
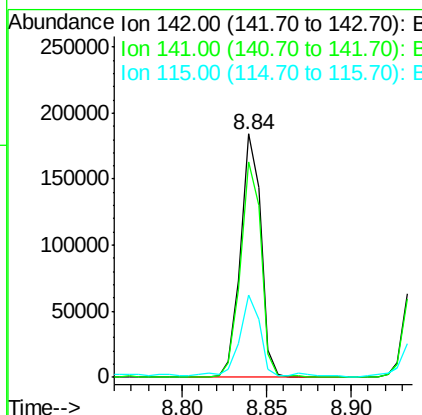
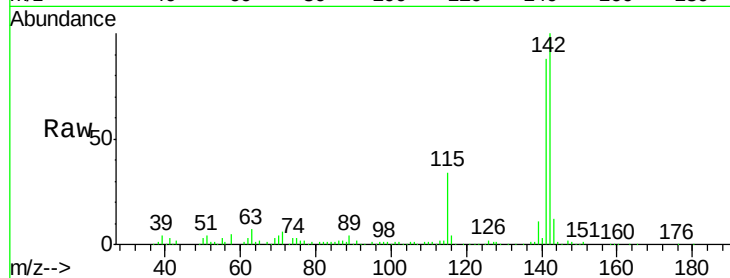




#37
 2-Methylnaphthalene
 Concen: 32.090 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

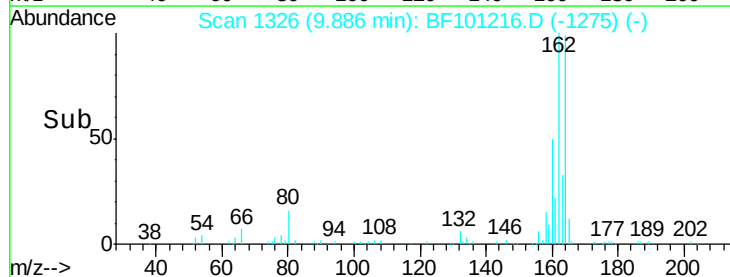
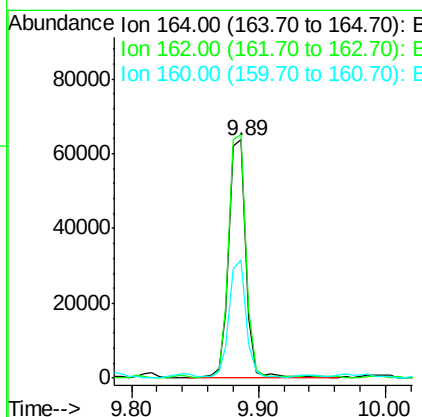
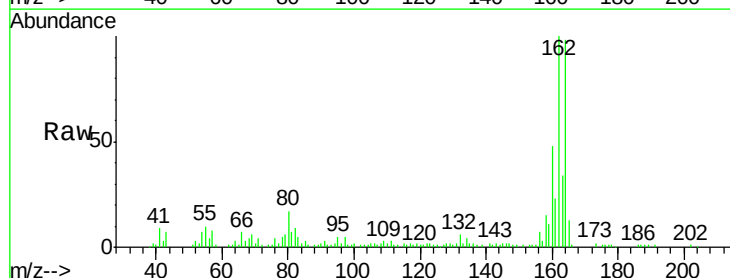
Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4DL2

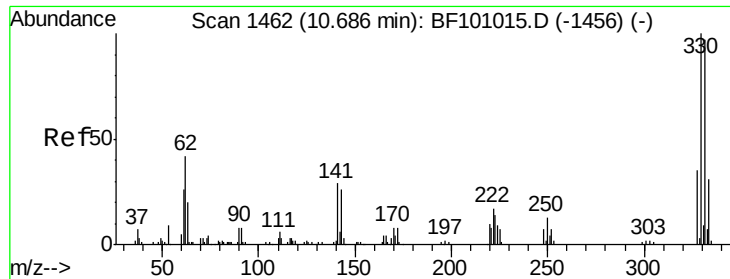
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	49.6	38.3	57.5

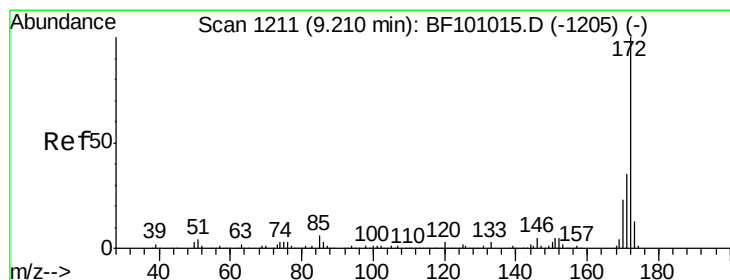
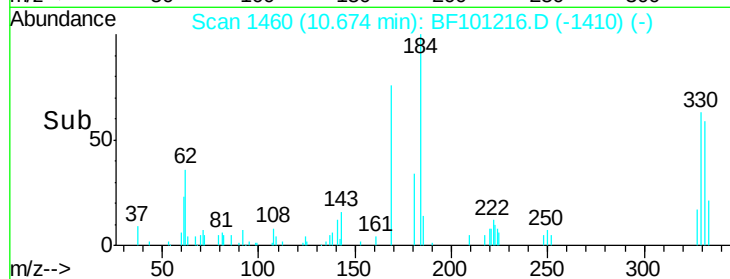
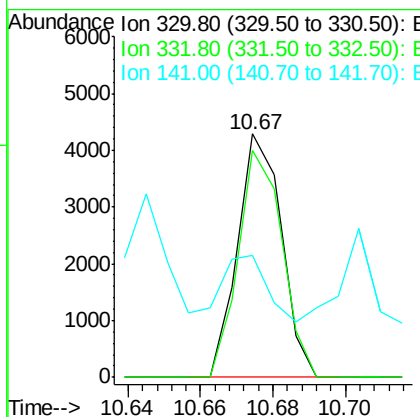
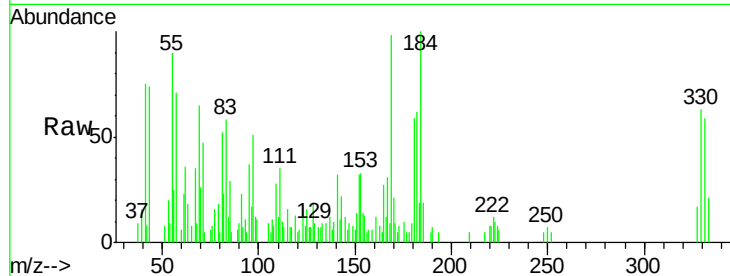




#41
 2,4,6-Tribromophenol
 Concen: 4.985 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

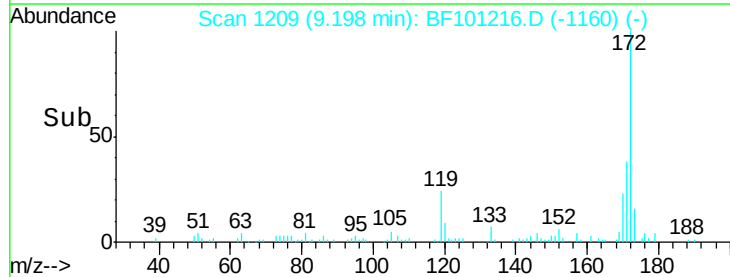
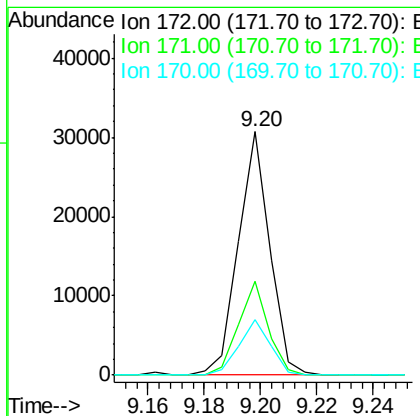
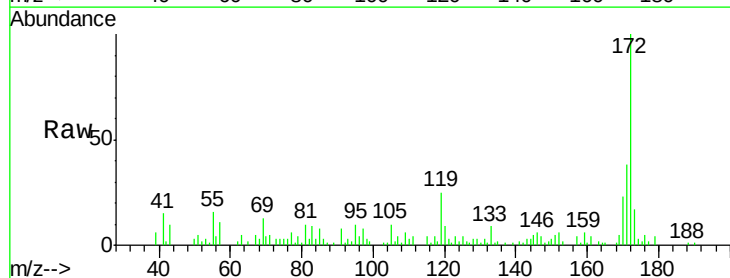
Instrument :
 BNA_F
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 TOTES-1-4DL2

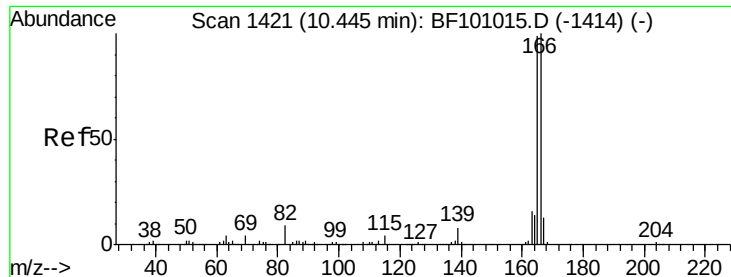
Tot Ion:330 Resp: 3591
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 27.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 5.408 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

Tgt Ion:172 Resp: 23705
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.7 44.5
 170 22.9 19.6 29.4

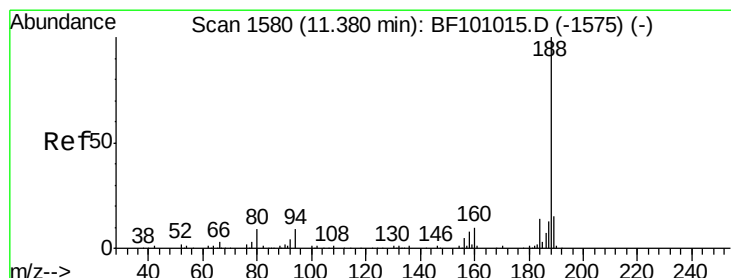
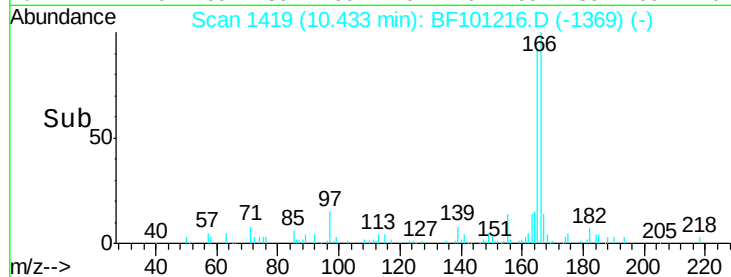
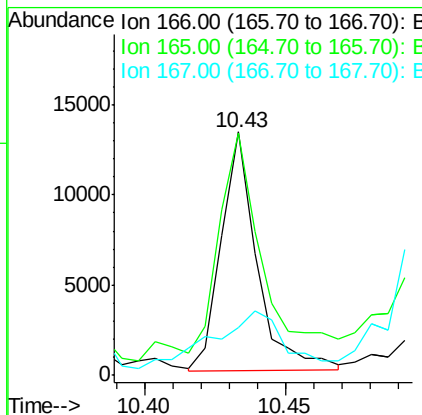
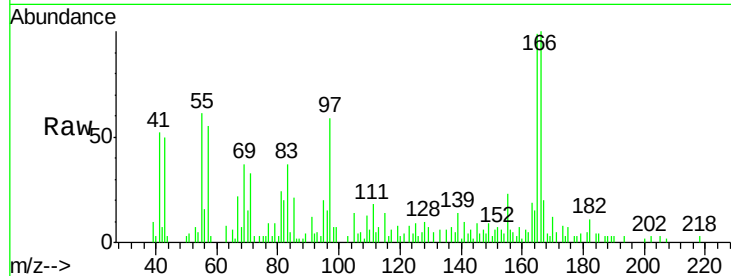




#57
Fluorene
 Concen: 2.606 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

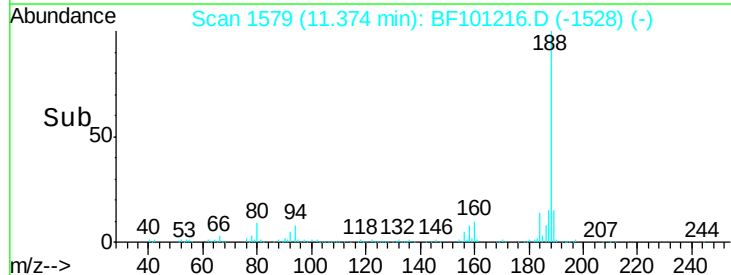
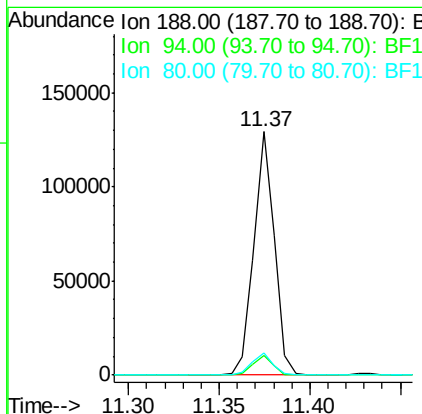
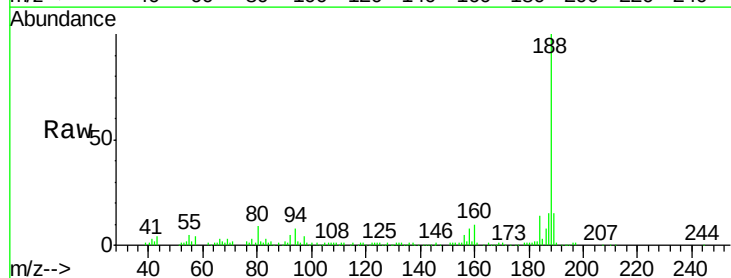
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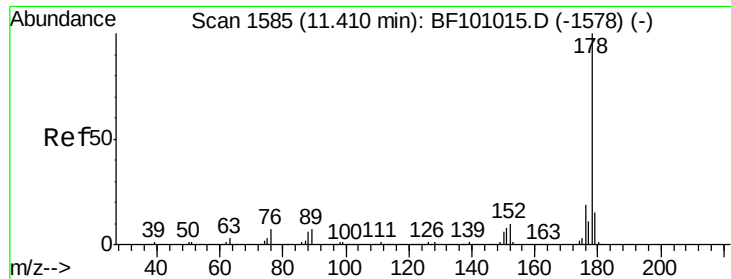
Tot Ion:166 Resp: 11724
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 19.5 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

Tgt Ion:188 Resp: 101804
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 9.1 9.2 13.8#

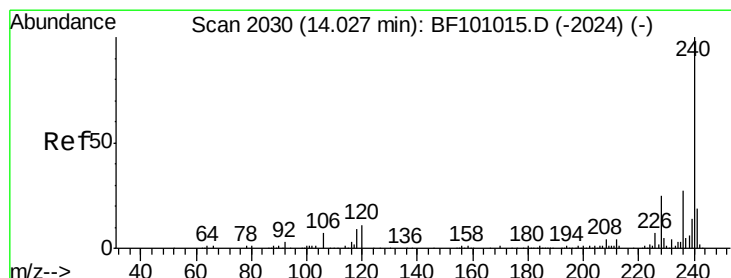
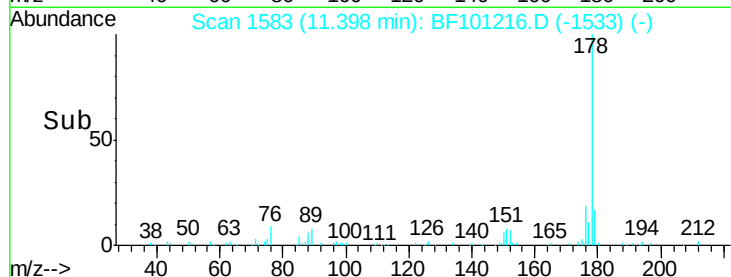
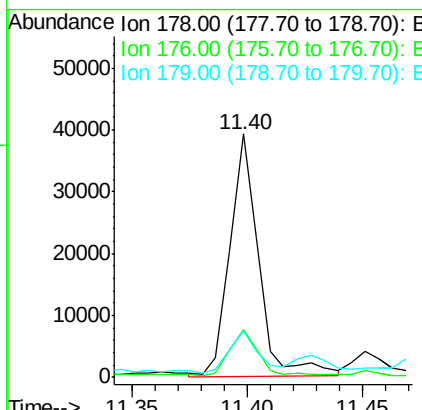
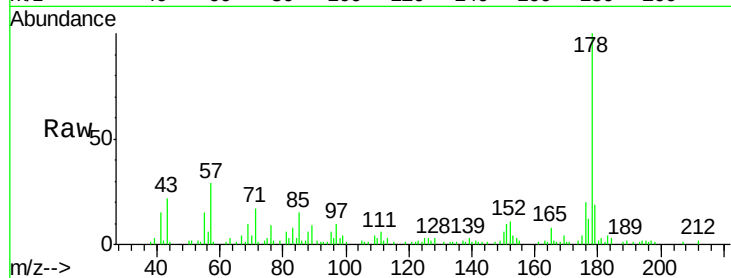




#70
Phenanthrene
Concen: 6.117 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

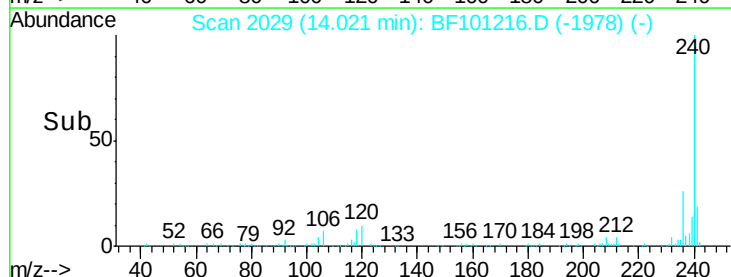
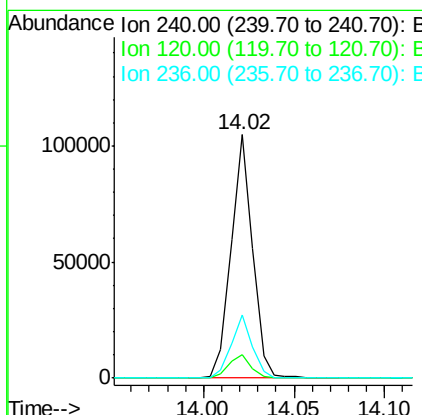
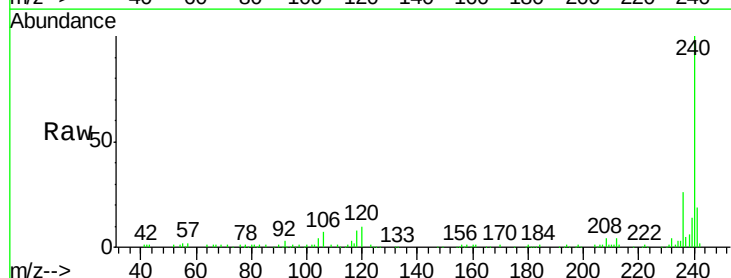
Instrument :
BNA_F
ClientSampleId :
TOTES-1-4DL2

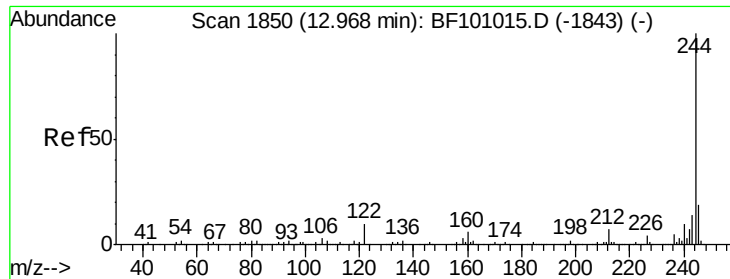
Tot Ion:178 Resp: 34295
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 18.9 13.0 19.6



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Tgt Ion:240 Resp: 87220
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.9 20.7 31.1

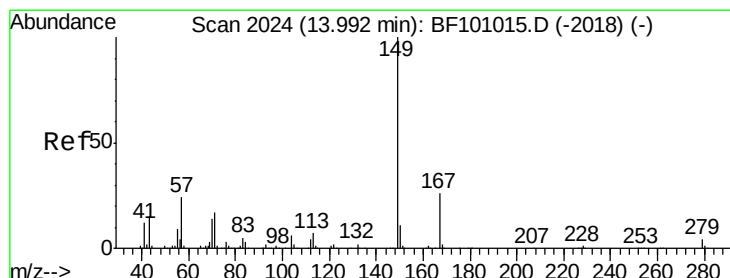
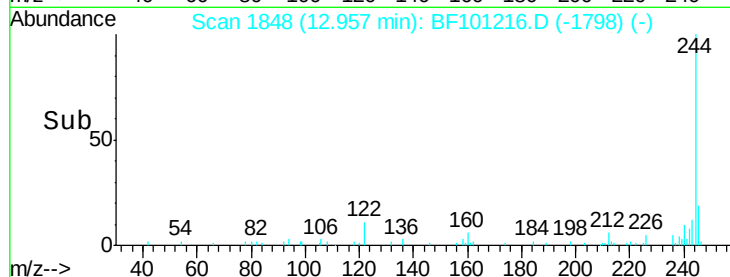
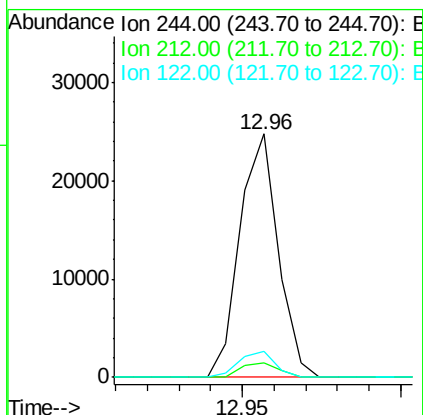
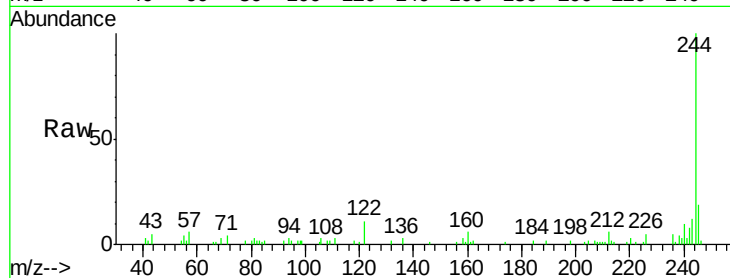




#78
 Terphenyl-d14
 Concen: 5.199 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

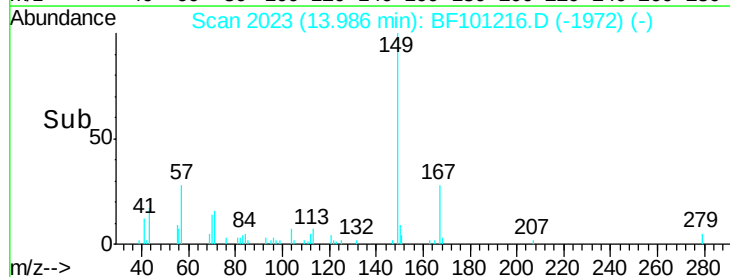
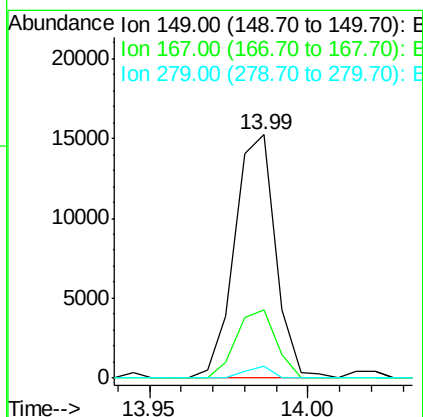
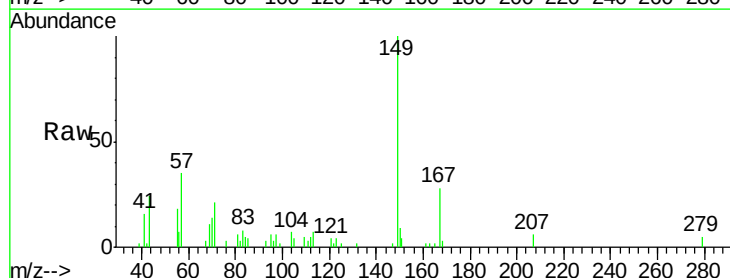
Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4DL2

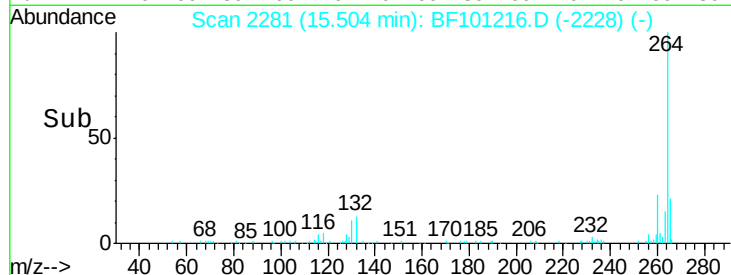
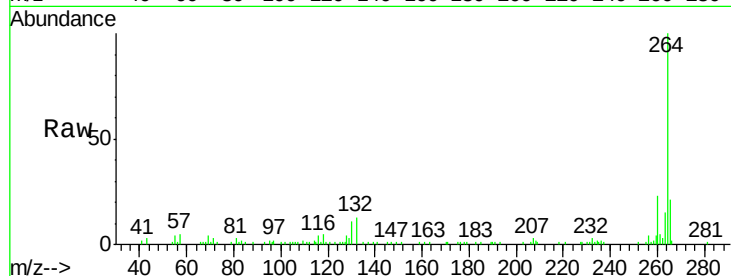
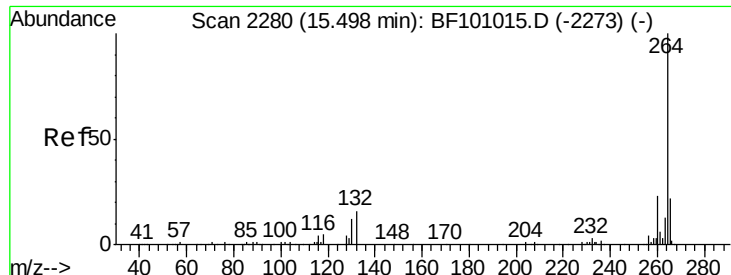
Tot Ion:244 Resp: 20730
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 10.6 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.604 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101216.D
 Acq: 7 Dec 2017 20:13

Tgt Ion:149 Resp: 13634
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 4.9 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101216.D
Acq: 7 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4DL2

Tot Ion:264	Resp:	68966
Ion	Ratio	Lower Upper
264	100	
260	22.5	19.2 28.8
265	20.9	17.5 26.3

