

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101616.D
 Acq On : 21 Dec 2017 19:27
 Operator : SJ/JU
 Sample : I6957-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 00:52:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

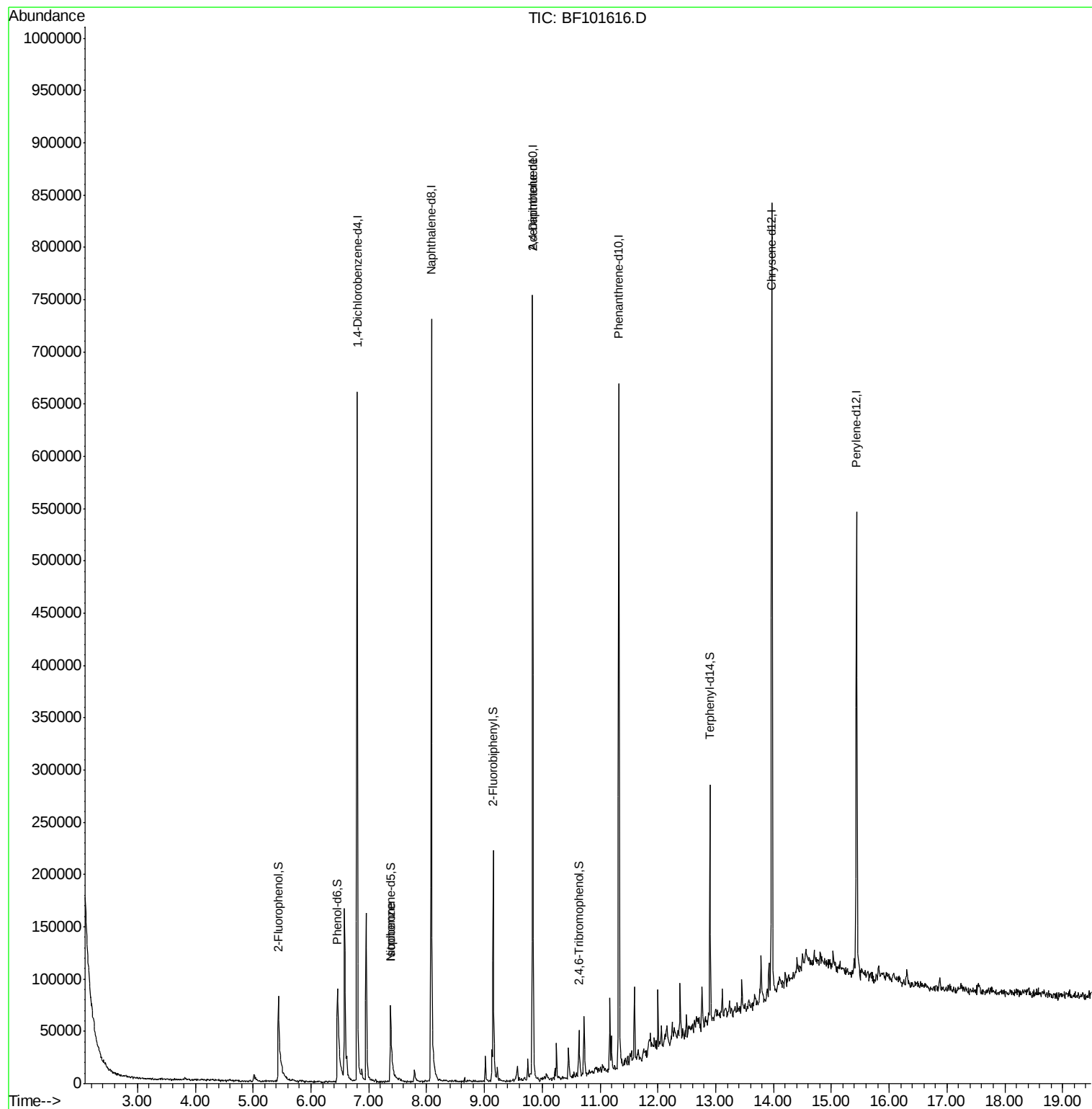
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114442	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	420275	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	151909	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	251003	20.00	ng	0.00
75) Chrysene-d12	13.97	240	274383	20.00	ng	0.00
86) Perylene-d12	15.44	264	221902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	58382	7.60	ng	0.02
7) Phenol-d6	6.46	99	77944	8.15	ng	0.02
23) Nitrobenzene-d5	7.37	82	45232	5.99	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	6579	4.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	82766	8.45	ng	0.00
78) Terphenyl-d14	12.90	244	71727	6.30	ng	0.00
Target Compounds						
25) Isophorone	7.37	82	45232	2.986	ng	# 64
56) 2,4-Dinitrotoluene	9.83	165	18871	6.744	ng	# 24

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

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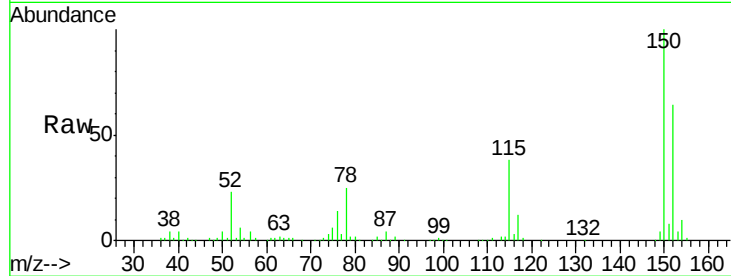


#1

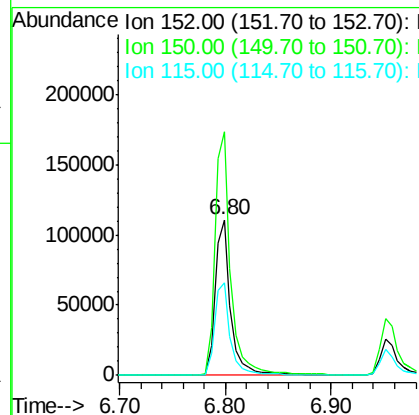
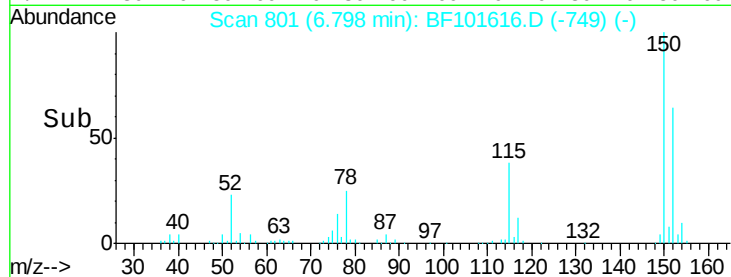
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114442
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.4 50.1 75.1



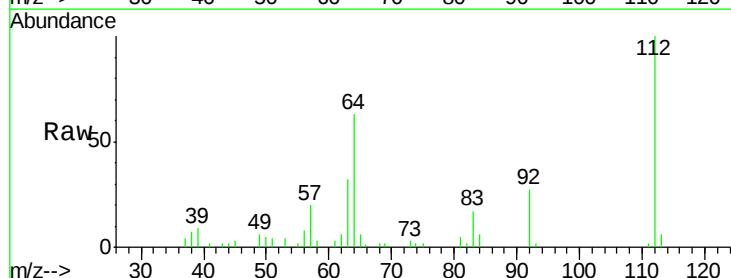
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



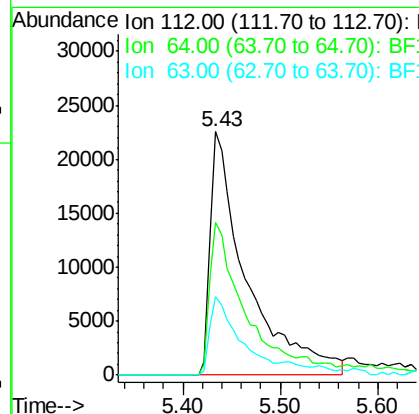
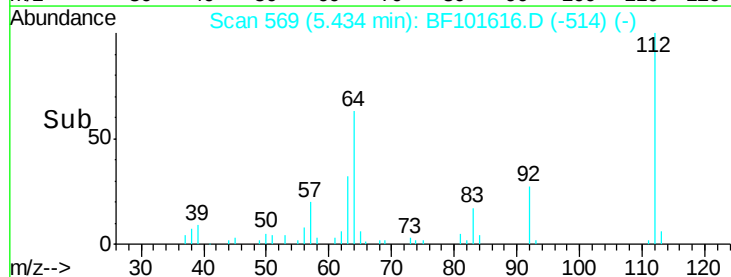
#5

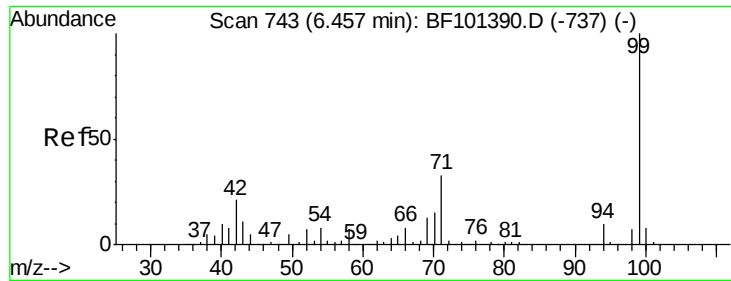
2-Fluorophenol
Concen: 7.599 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:112 Resp: 58382
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.1 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: 8.152 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF101616.D

Acq: 21 Dec 2017 19:27

Instrument :

BNA_F

ClientSampleId :

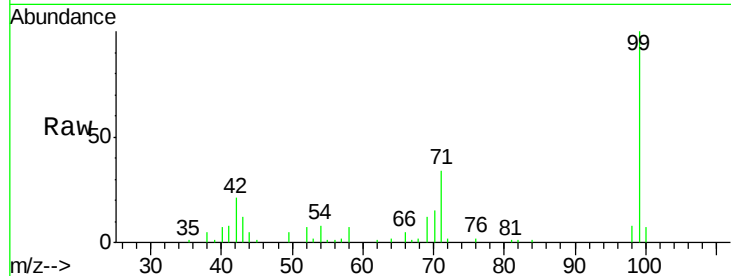
Tot Ion: 99 Resp: 77944

Ion Ratio Lower Upper

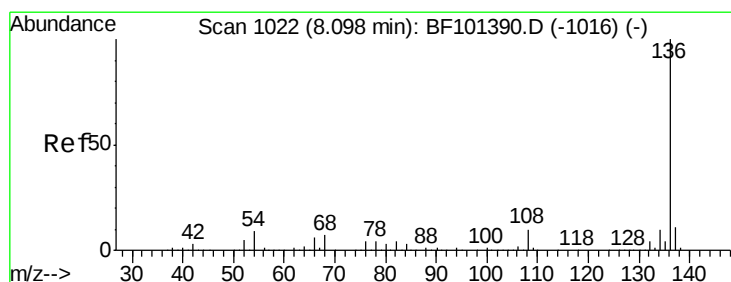
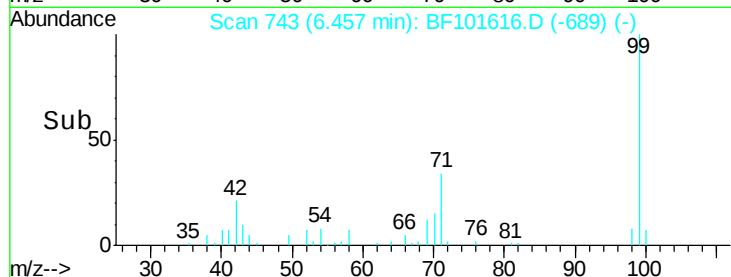
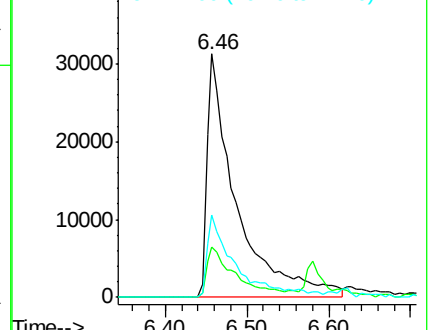
99 100

42 20.7 14.5 21.7

71 33.7 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: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101616.D

Acq: 21 Dec 2017 19:27

Tgt Ion: 136 Resp: 420275

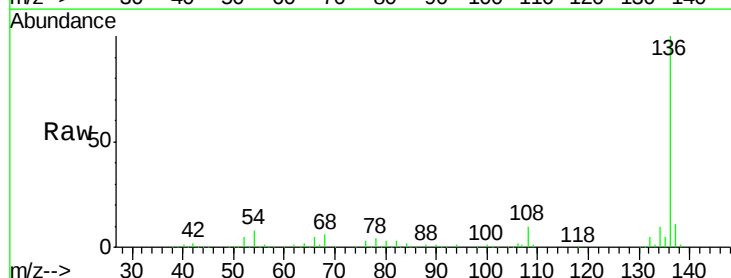
Ion Ratio Lower Upper

136 100

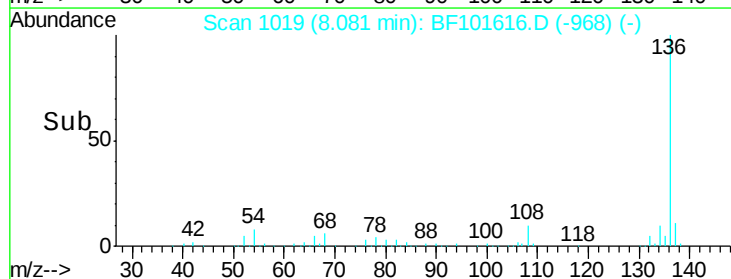
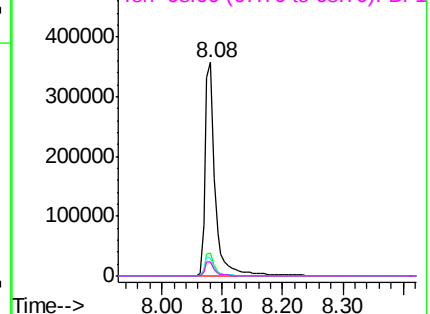
137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.3 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

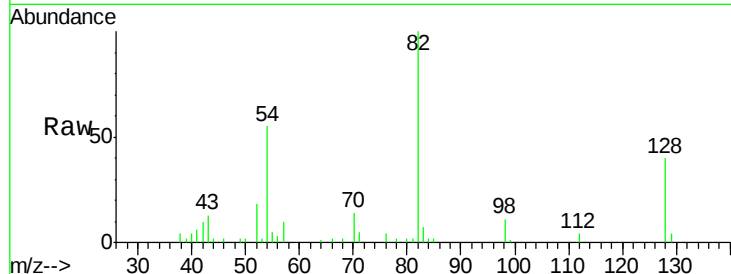




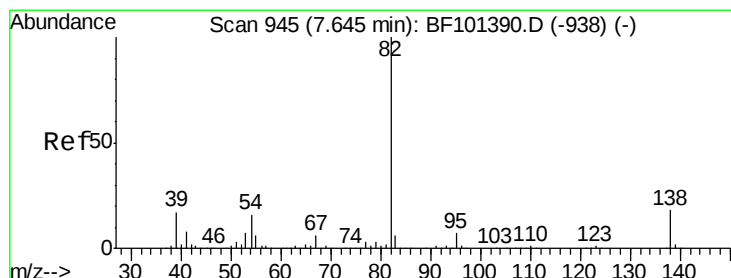
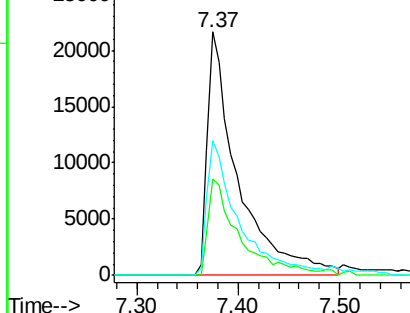
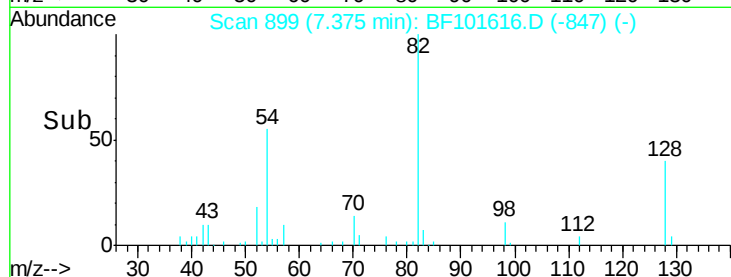
#23
Nitrobenzene-d5
Concen: 5.991 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	45232
Ion Ratio	Lower	Upper	
82	100		
128	39.8	36.1	54.1
54	55.2	41.4	62.2

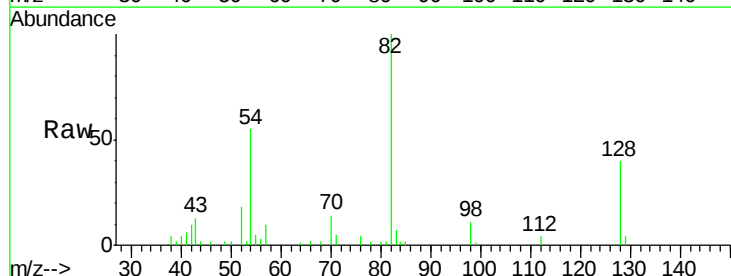


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

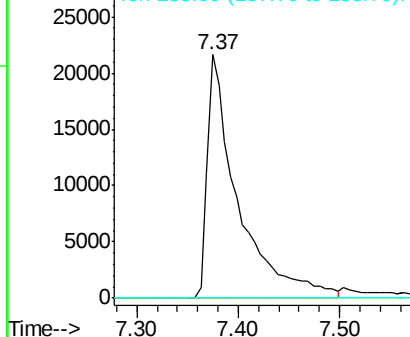
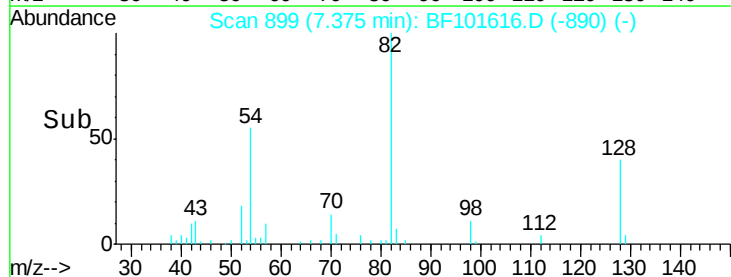


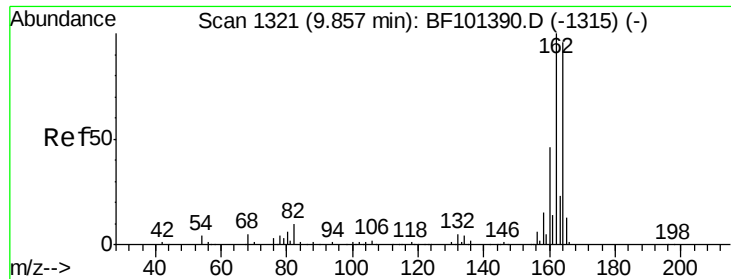
#25
Isophorone
Concen: 2.986 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion	82	Resp	45232
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

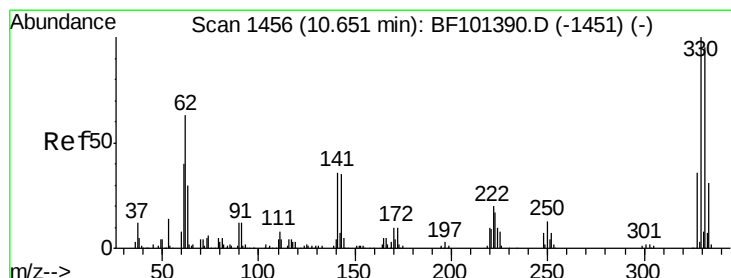
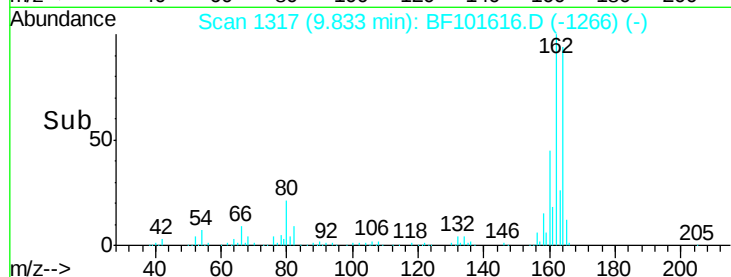
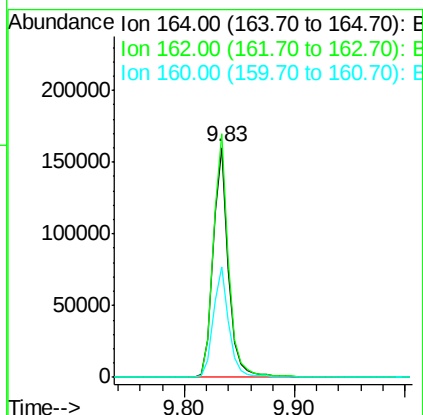
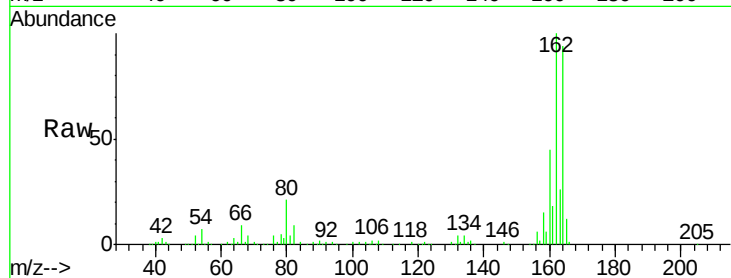




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

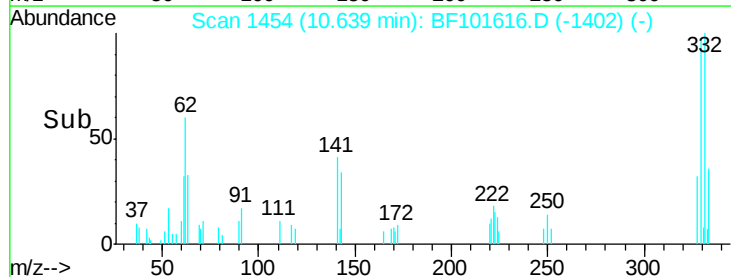
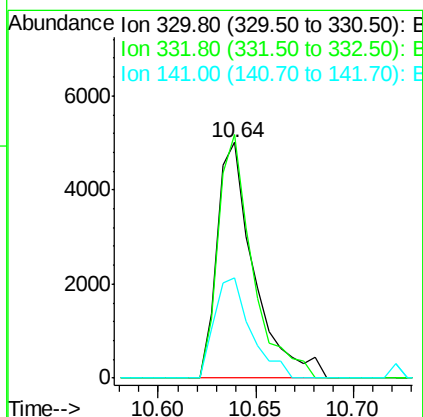
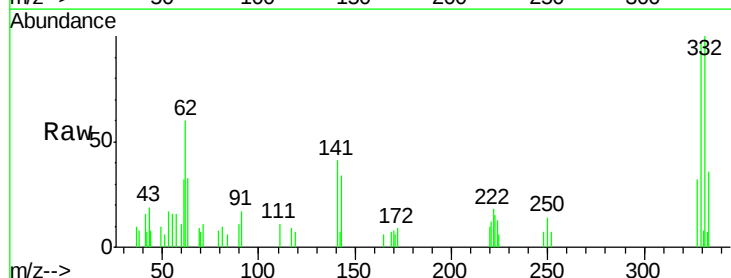
Instrument :
BNA_F
ClientSampleId :

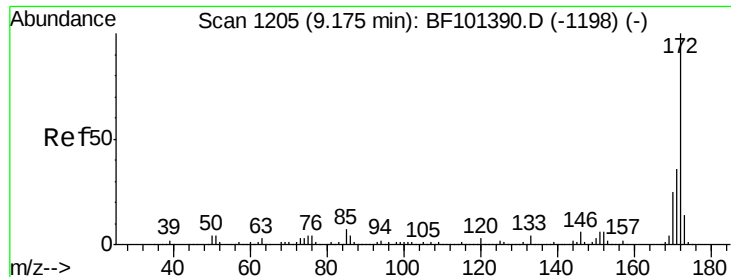
Tot Ion:164 Resp: 151909
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 48.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 4.495 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:330 Resp: 6579
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 41.9 29.9 44.9

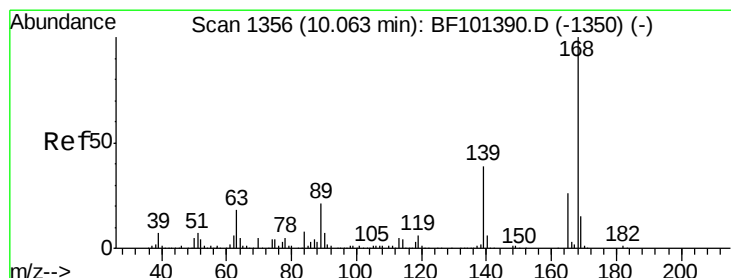
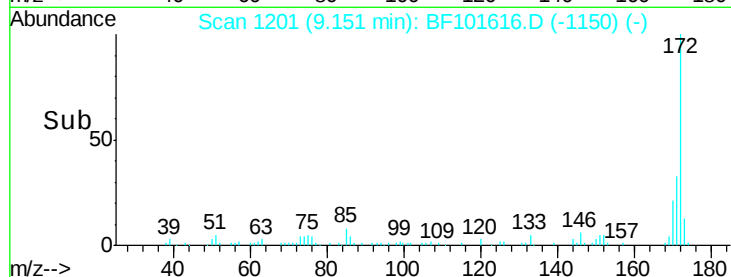
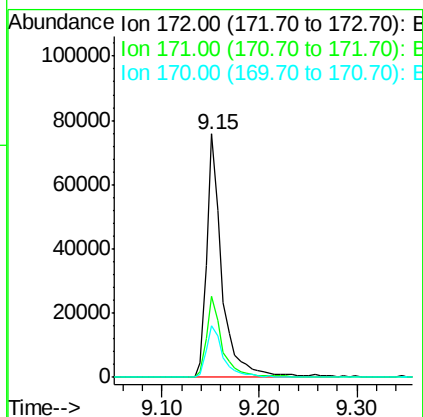
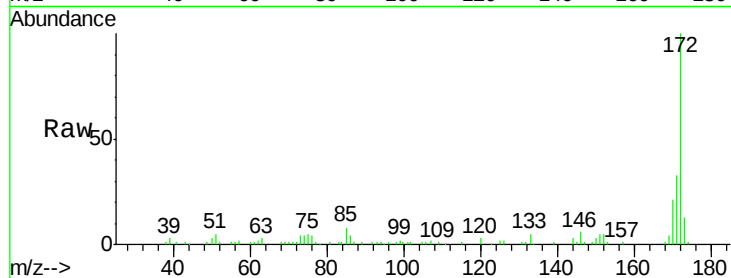




#44
2-Fluorobiphenyl
Concen: 8.452 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

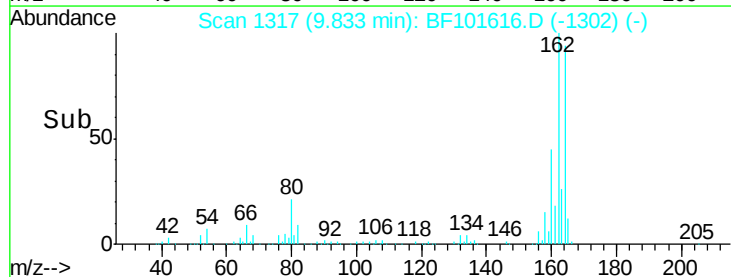
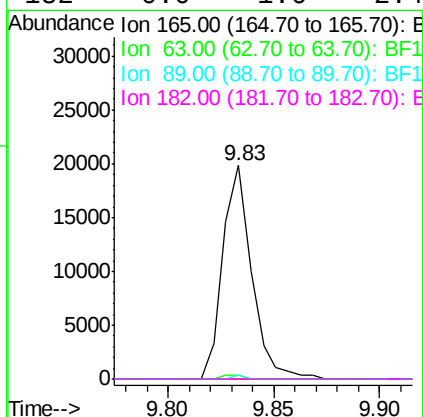
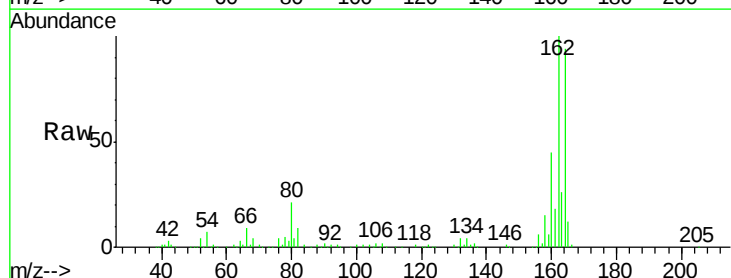
Instrument :
BNA_F
ClientSampled :

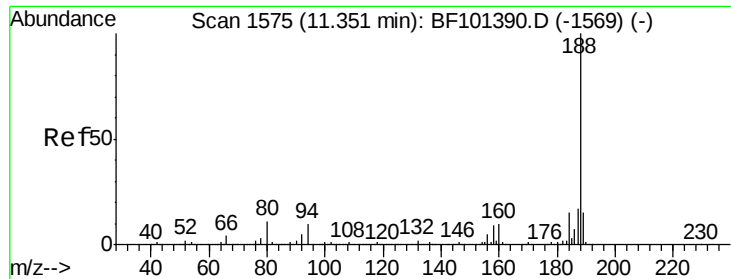
Tot Ion:172 Resp: 82766
Ion Ratio Lower Upper
172 100
171 33.1 29.7 44.5
170 21.5 19.6 29.4



#56
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:165 Resp: 18871
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

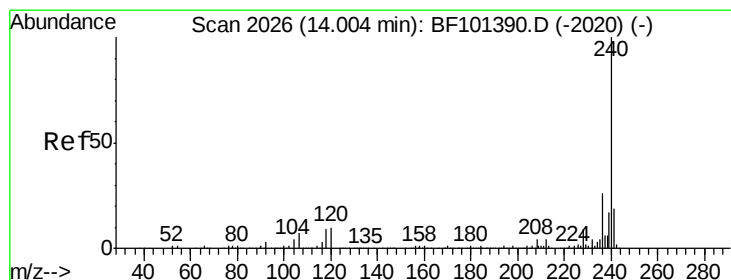
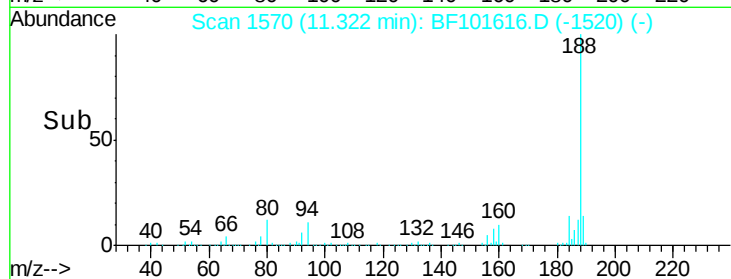
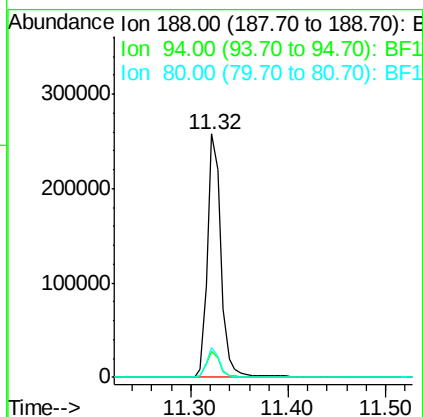
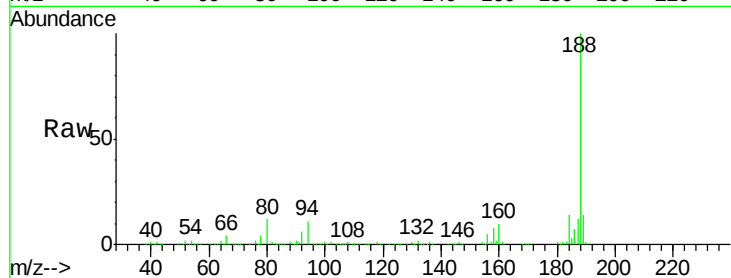




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

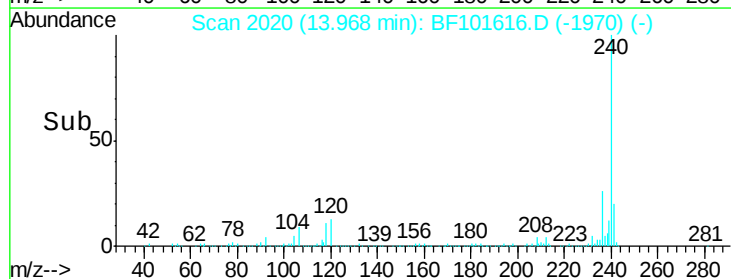
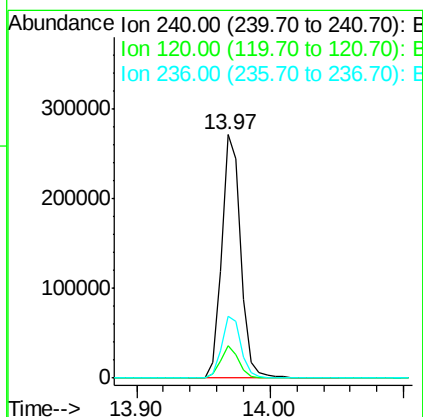
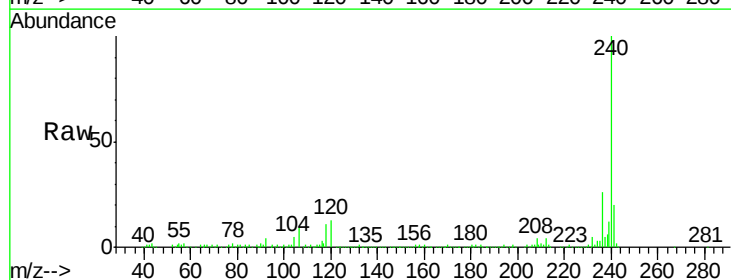
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BNA_F
ClientSampleId :

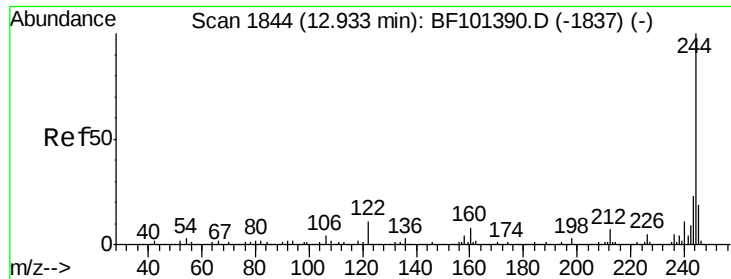
Tot Ion:188 Resp: 251003
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:240 Resp: 274383
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 6.302 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101616.D

Acq: 21 Dec 2017 19:27

Instrument :

BNA_F

ClientSampleId :

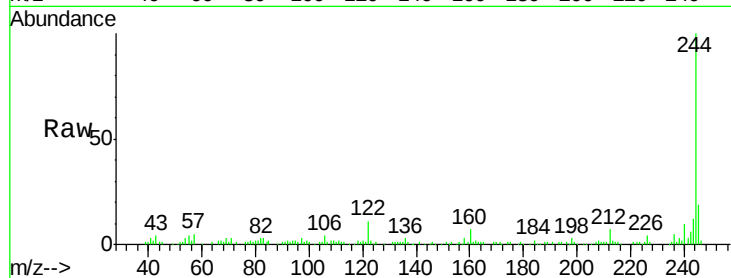
Tot Ion:244 Resp: 71727

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

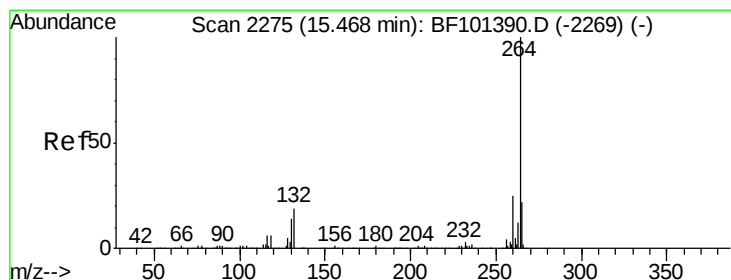
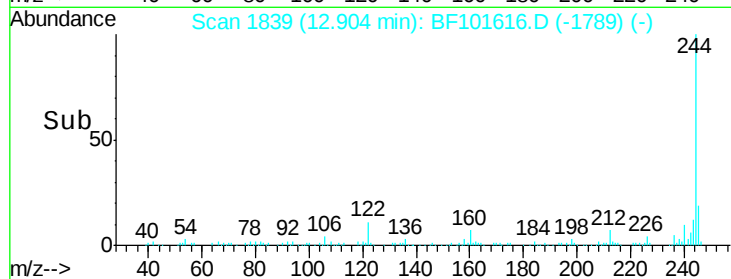
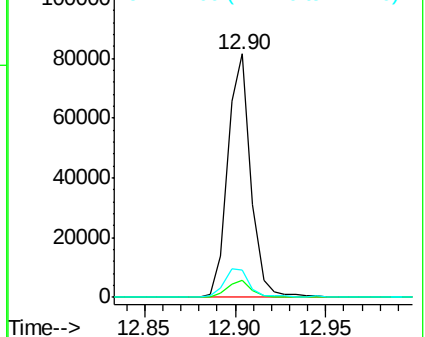
122 11.2 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101616.D

Acq: 21 Dec 2017 19:27

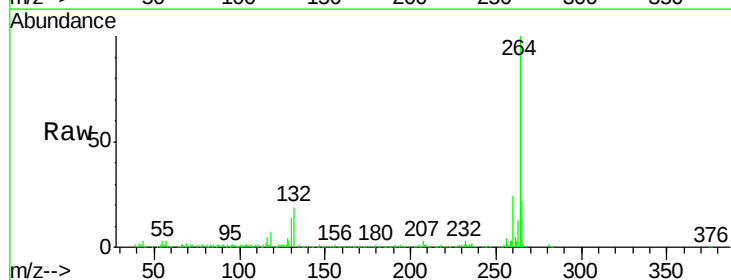
Tgt Ion:264 Resp: 221902

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 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

