

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101441.D
 Acq On : 15 Dec 2017 14:30
 Operator : SJ/JU
 Sample : PB104983BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104983BL

Quant Time: Dec 15 17:44:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171203	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	702157	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	323436	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	648040	20.00	ng	0.00
75) Chrysene-d12	13.99	240	548010	20.00	ng	0.00
86) Perylene-d12	15.46	264	407111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1258165	109.47	ng	0.02
7) Phenol-d6	6.46	99	1552483	108.54	ng	0.00
23) Nitrobenzene-d5	7.38	82	1027405	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	386843	124.13	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1702697	81.66	ng	0.00
78) Terphenyl-d14	12.93	244	1716220	75.50	ng	0.00

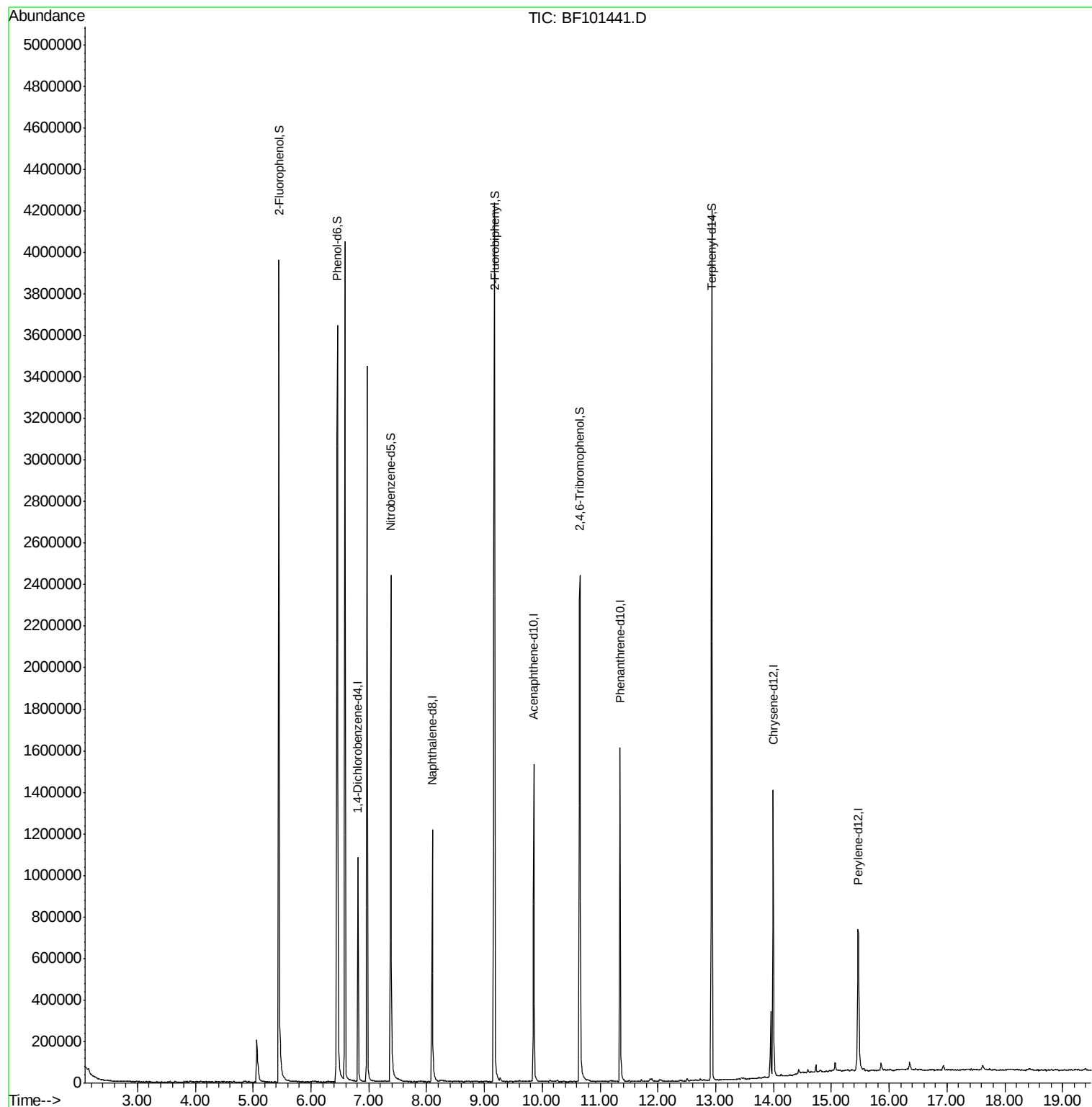
Target Compounds	Qvalue
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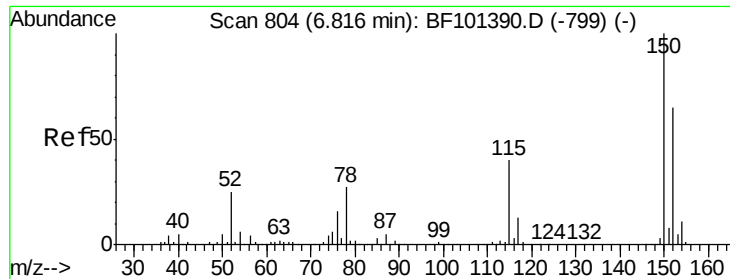
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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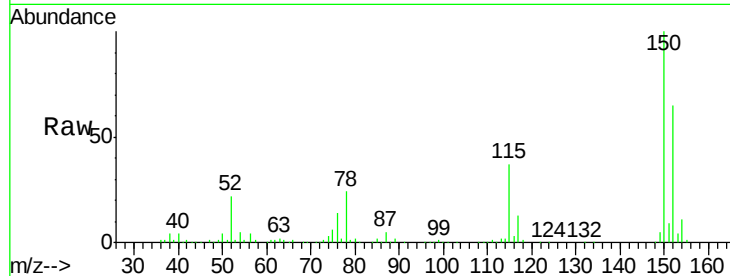


#1

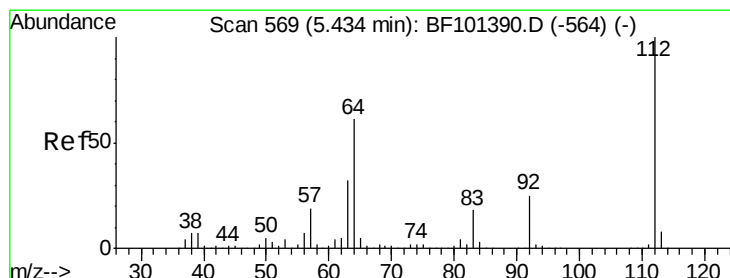
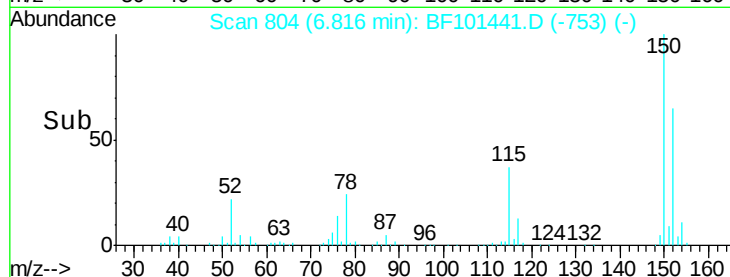
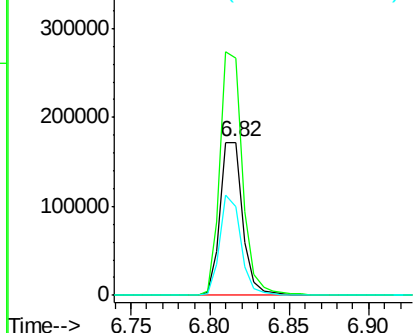
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Instrument :
BNA_F
ClientSampleId :
PB104983BL

Tgt Ion:152 Resp: 171203
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.9 50.1 75.1



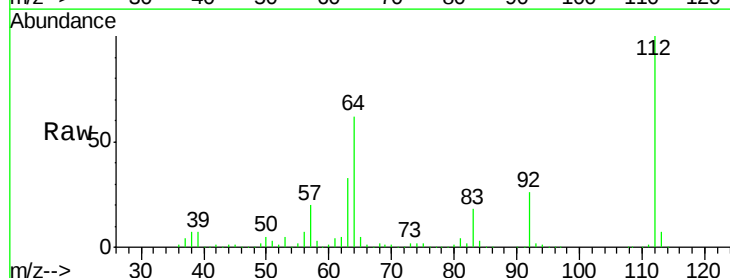
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



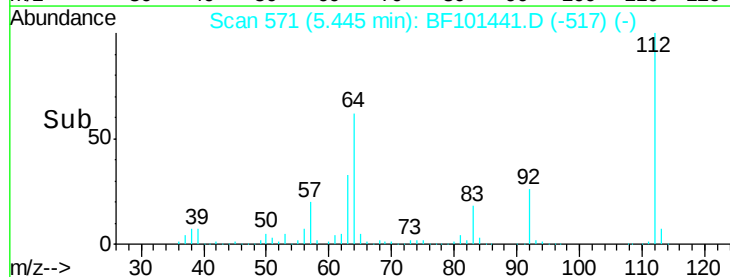
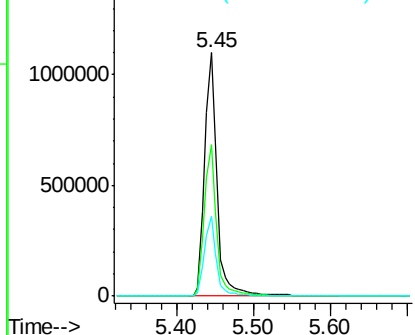
#5

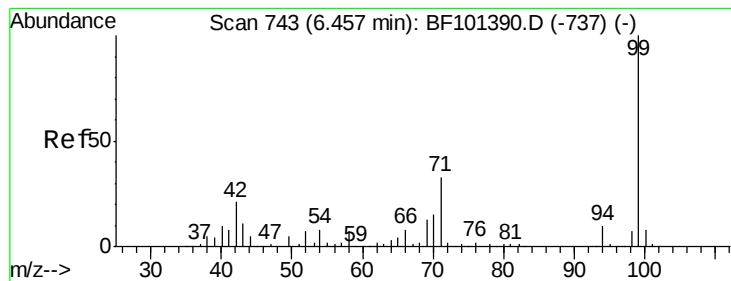
2-Fluorophenol
Concen: 109.469 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Tgt Ion:112 Resp: 1258165
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 32.7 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: 108.535 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Instrument :

BNA_F

ClientSampleId :

PB104983BL

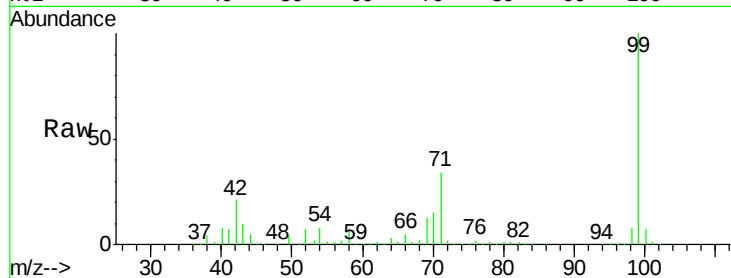
Tgt Ion: 99 Resp: 1552483

Ion Ratio Lower Upper

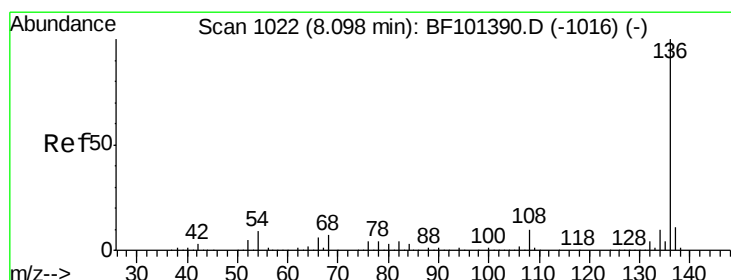
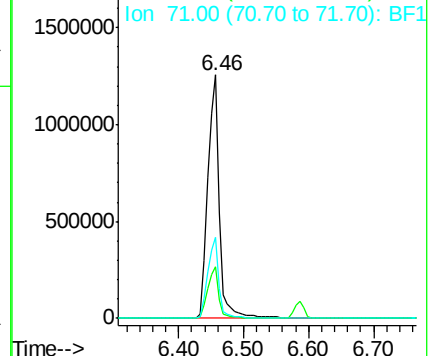
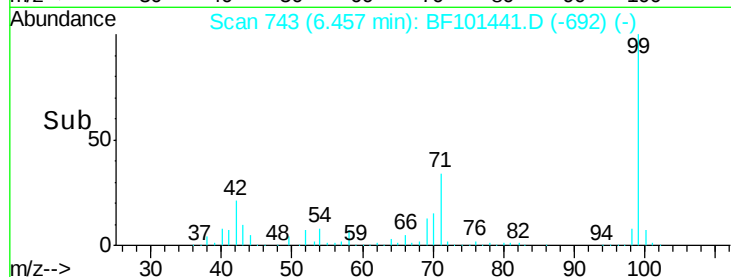
99 100

42 21.1 14.5 21.7

71 33.5 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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Tgt Ion: 136 Resp: 702157

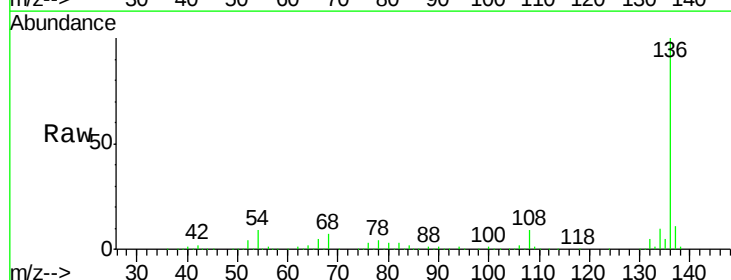
Ion Ratio Lower Upper

136 100

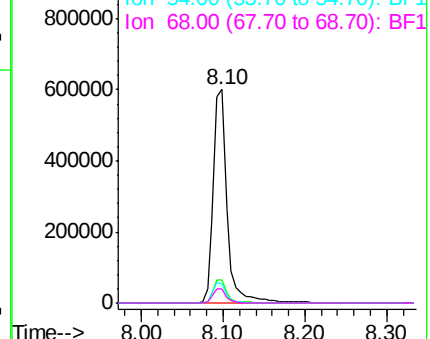
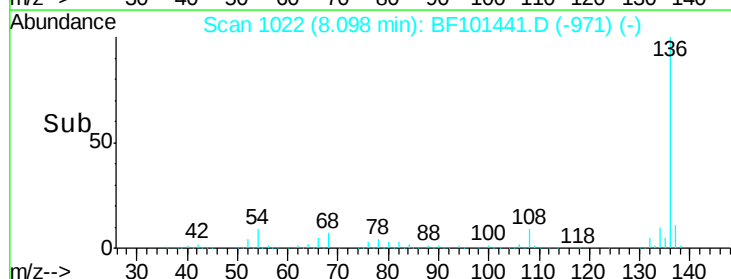
137 10.6 8.9 13.3

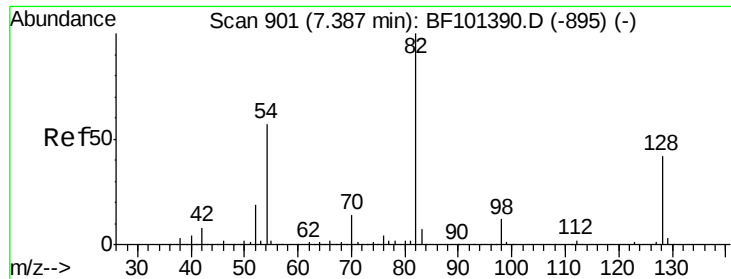
54 8.7 6.6 9.8

68 6.6 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

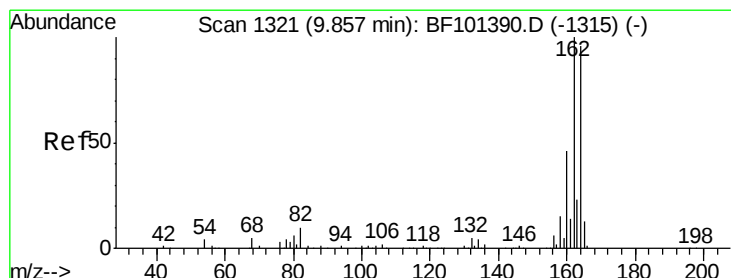
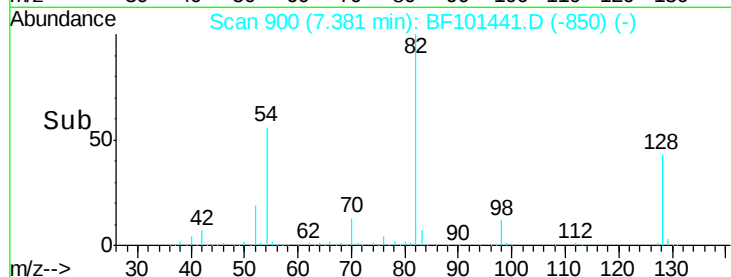
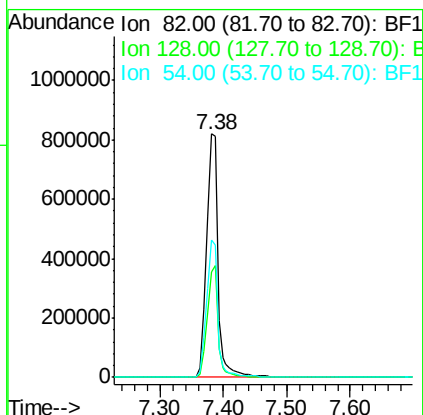
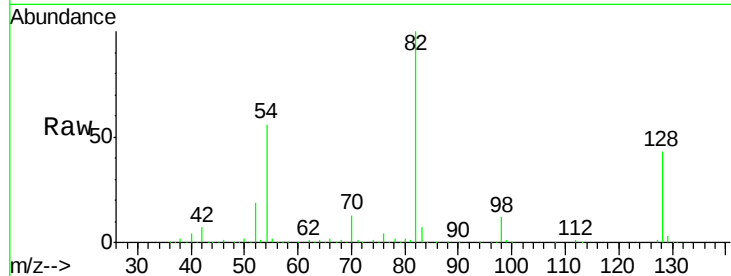




#23
 Nitrobenzene-d5
 Concen: 81.451 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

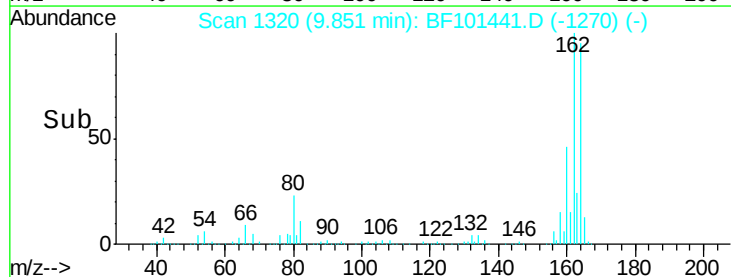
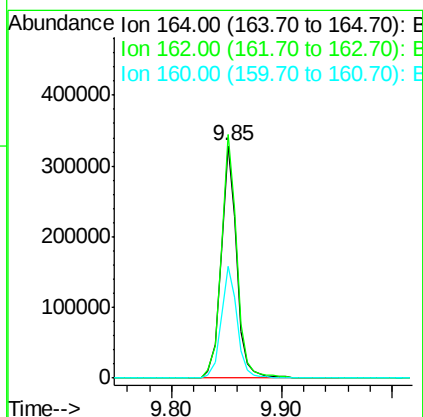
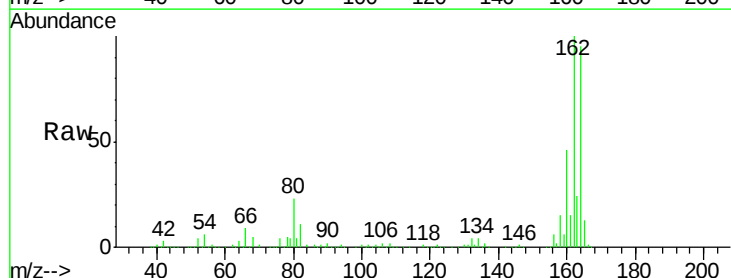
Instrument :
 BNA_F
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 PB104983BL

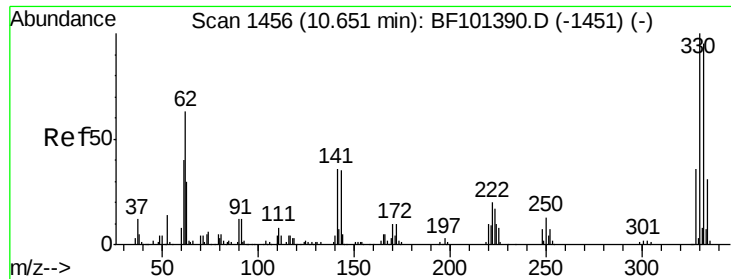
Tgt Ion: 82 Resp: 1027405
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 56.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

Tgt Ion: 164 Resp: 323436
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 48.0 38.3 57.5

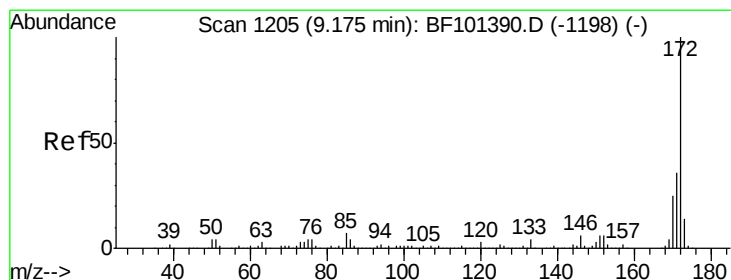
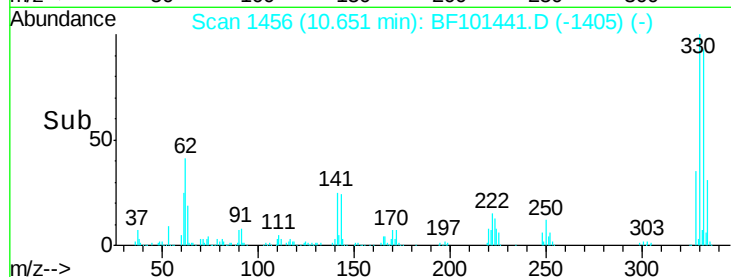
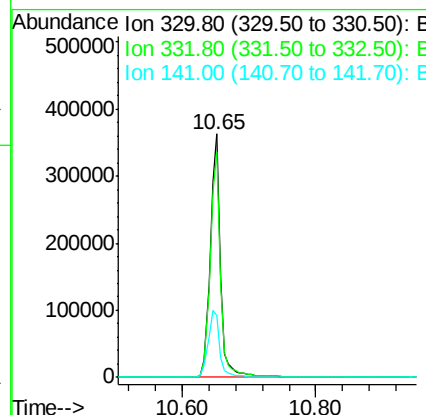
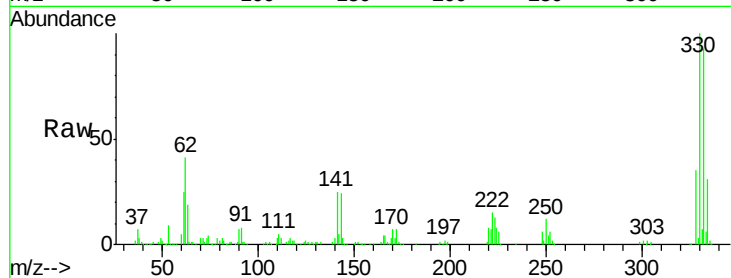




#41
 2,4,6-Tribromophenol
 Concen: 124.125 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

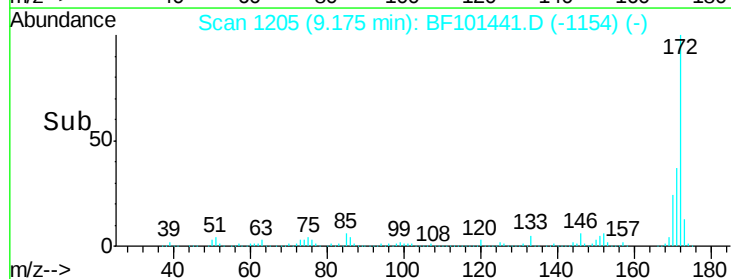
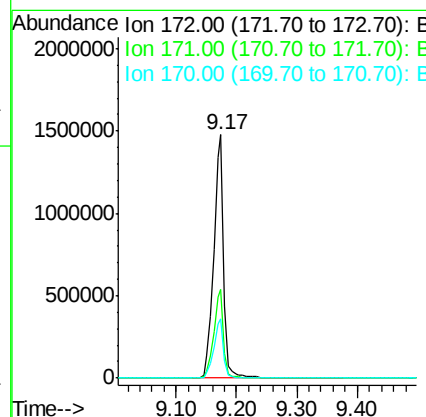
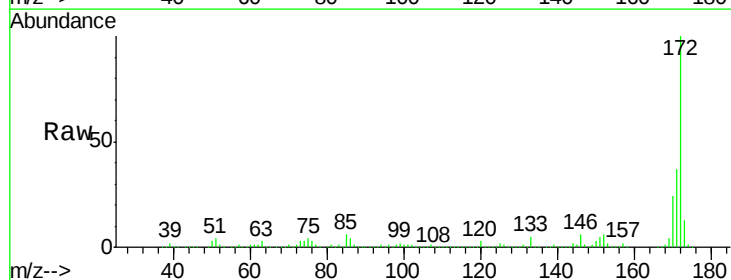
Instrument :
 BNA_F
 ClientSampleId :
 PB104983BL

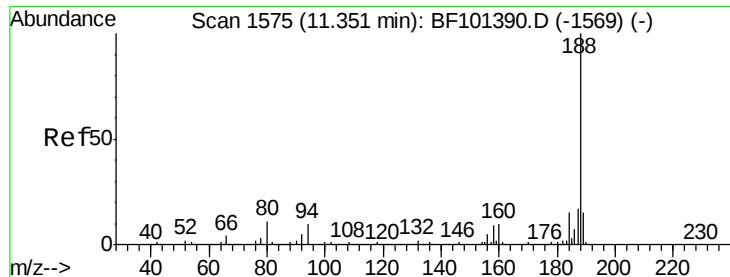
Tgt Ion:330 Resp: 386843
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 31.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 81.664 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

Tgt Ion:172 Resp: 1702697
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 19.6 29.4

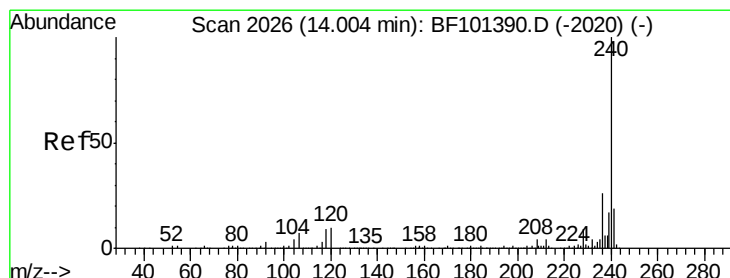
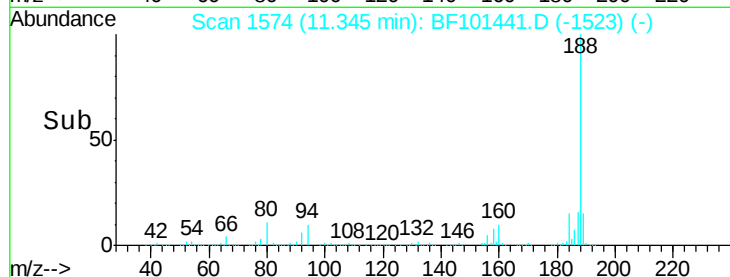
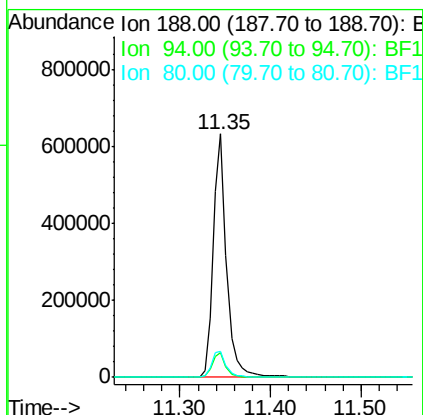
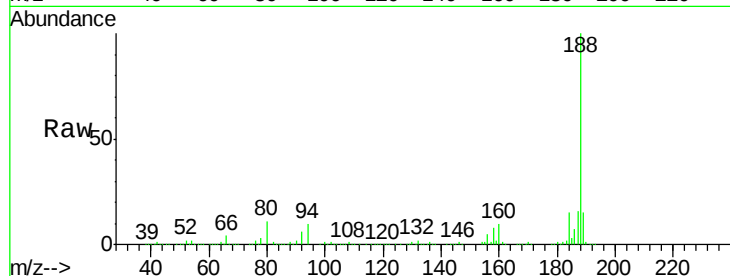




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

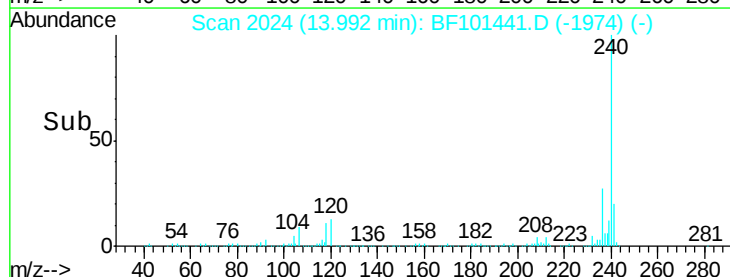
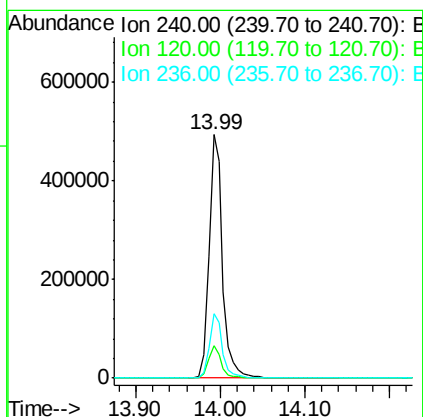
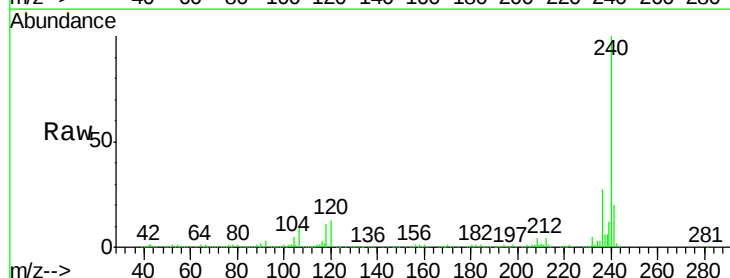
Instrument :
BNA_F
ClientSampleId :
PB104983BL

Tgt Ion:188 Resp: 648040
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Tgt Ion:240 Resp: 548010
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.6 20.7 31.1

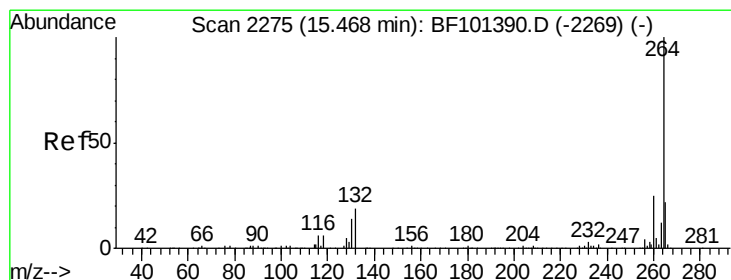
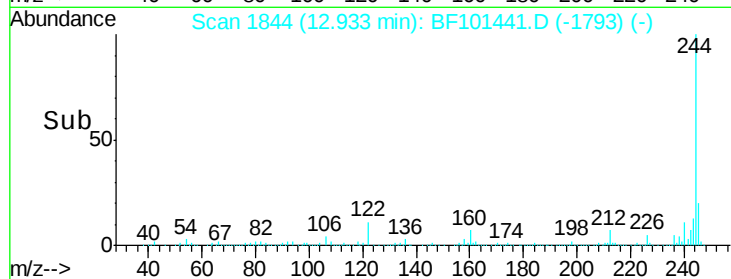
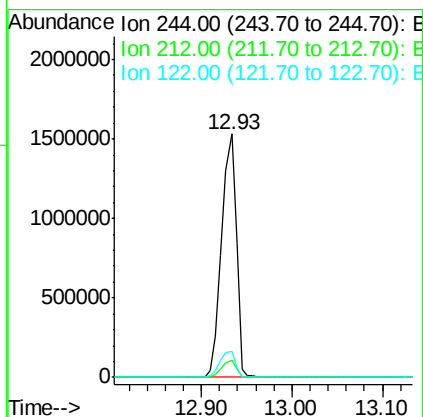
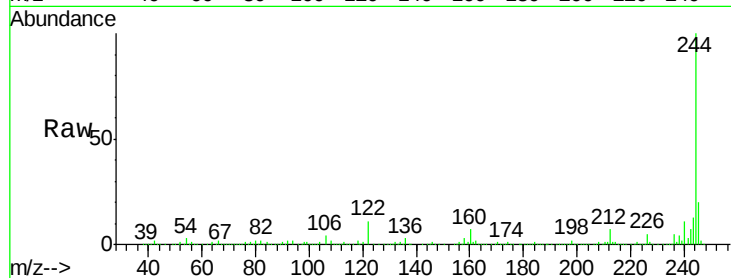




#78
 Terphenyl-d14
 Concen: 75.499 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB104983BL

Tgt Ion:244 Resp: 1716220
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

Tgt Ion:264 Resp: 407111
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 17.5 26.3

