

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101470.D
 Acq On : 16 Dec 2017 4:23
 Operator : SJ/JU
 Sample : I6882-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

Quant Time: Dec 18 09:58:44 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	150290	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	602088	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244510	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	404128	20.00	ng	0.00
75) Chrysene-d12	14.00	240	287203	20.00	ng	0.00
86) Perylene-d12	15.47	264	252471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	40155	3.98	ng	0.03
7) Phenol-d6	6.48	99	34777	2.77	ng	0.02
23) Nitrobenzene-d5	7.39	82	134017	12.39	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	21633	9.18	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	275947	17.51	ng	0.00
78) Terphenyl-d14	12.93	244	192551	16.16	ng	0.00

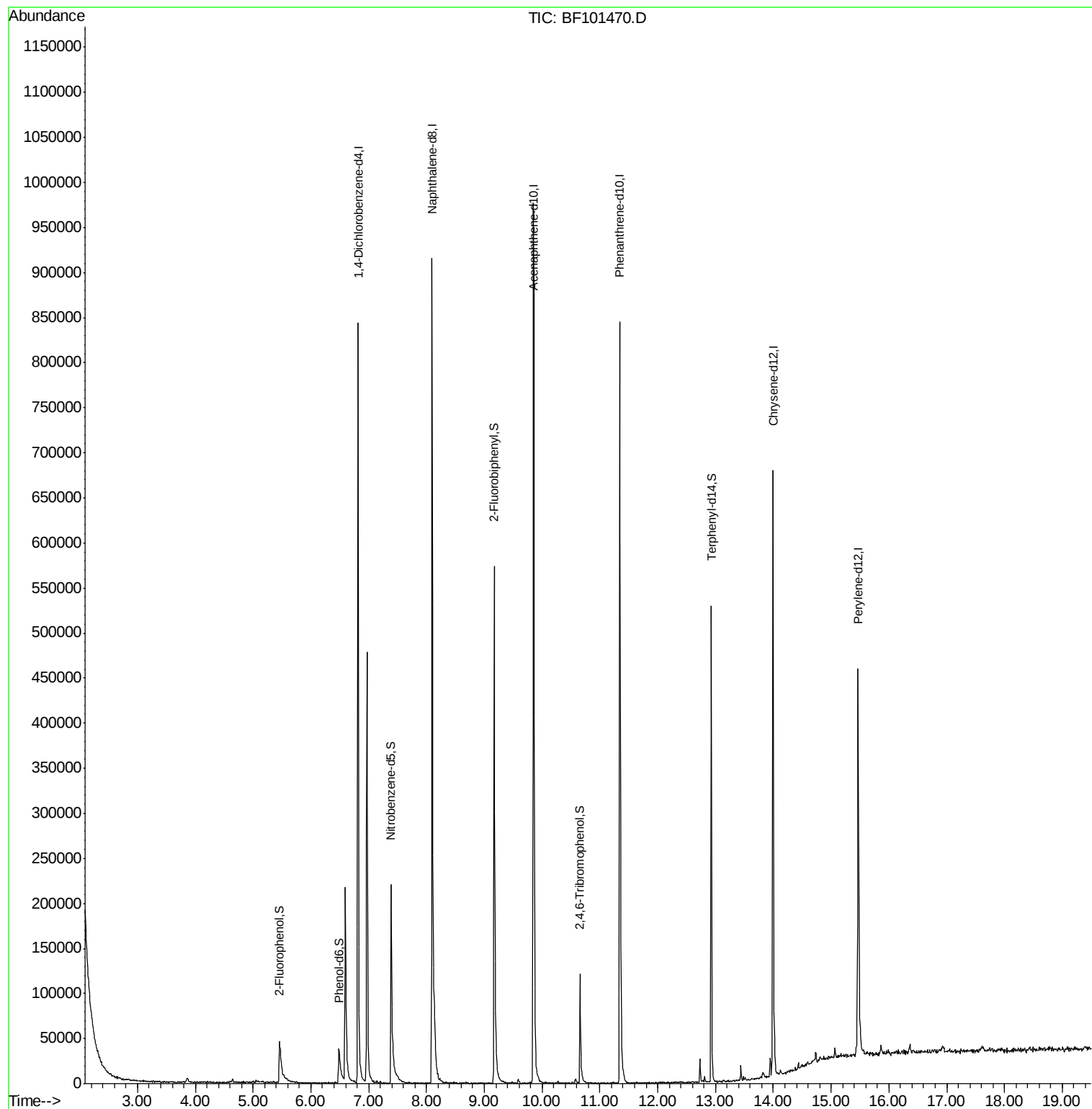
Target Compounds	Qvalue
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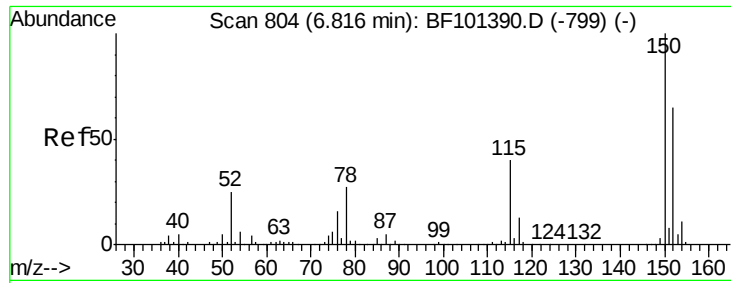
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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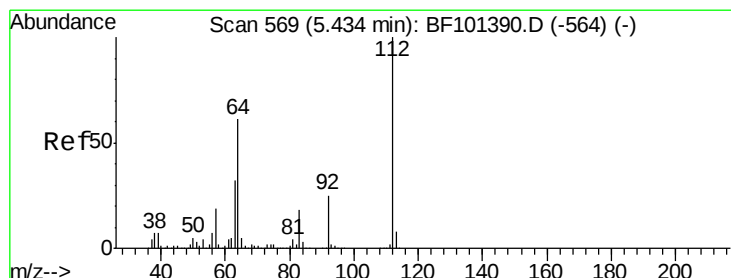
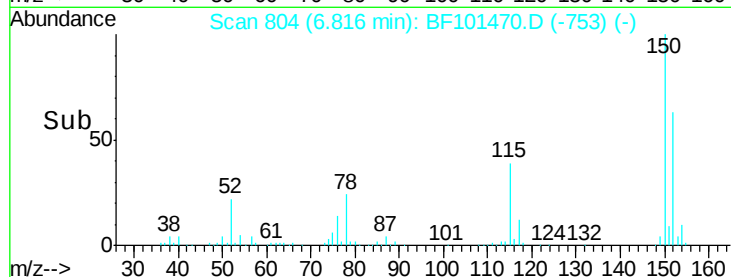
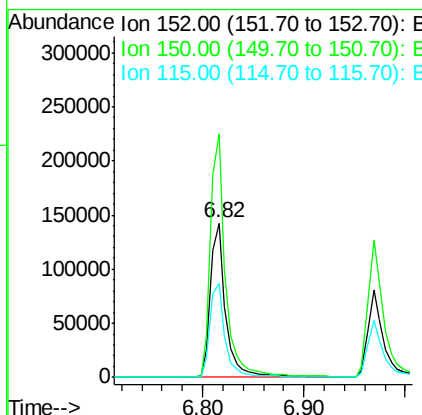
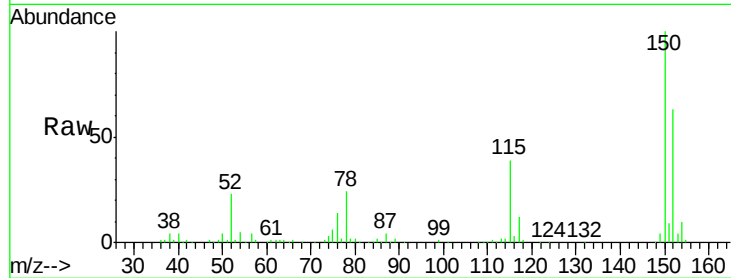




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

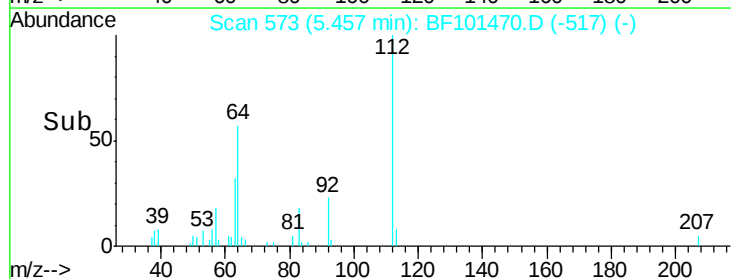
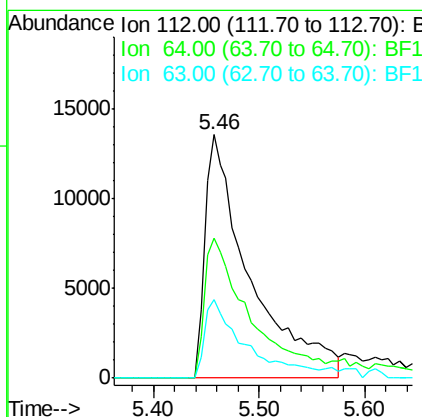
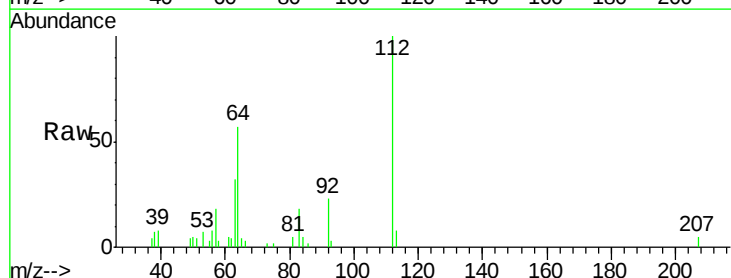
Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

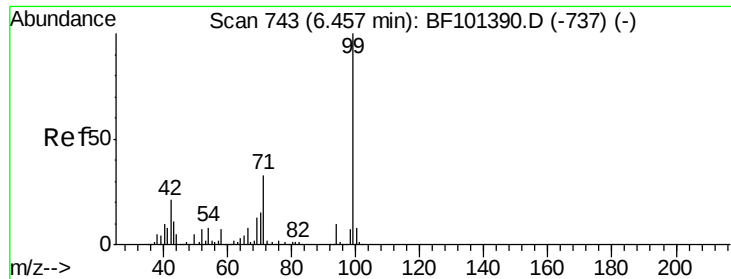
Tgt Ion:152 Resp: 150290
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 61.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 3.980 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.03 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Tgt Ion:112 Resp: 40155
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 32.4 23.7 35.5





#7

Phenol-d6

Concen: 2.770 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-D-M

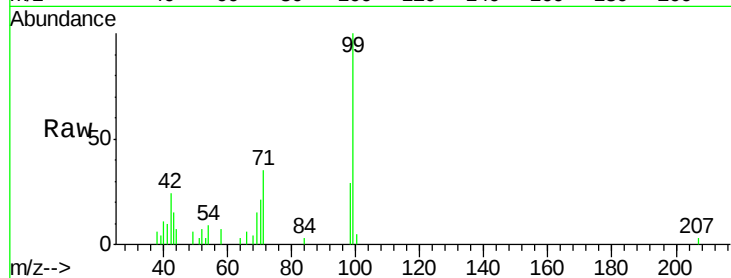
Tgt Ion: 99 Resp: 34777

Ion Ratio Lower Upper

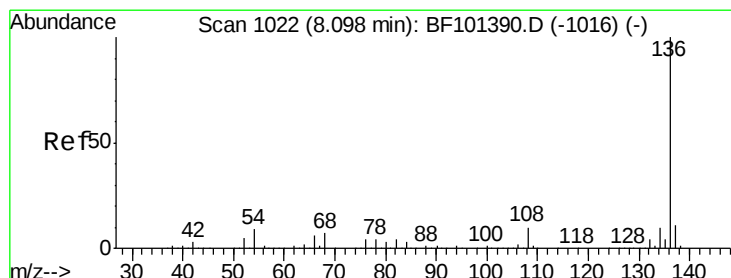
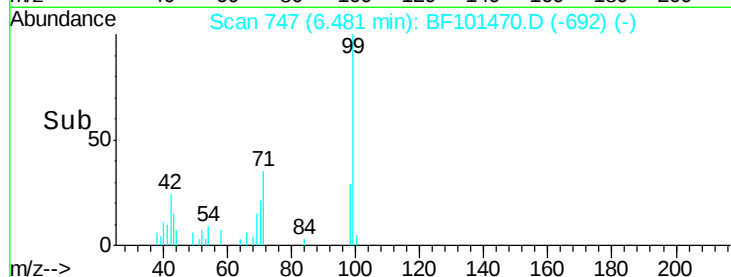
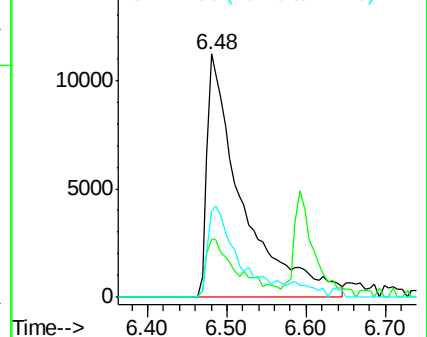
99 100

42 23.9 14.5 21.7#

71 35.4 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: BF101470.D

Acq: 16 Dec 2017 4:23

Tgt Ion: 136 Resp: 602088

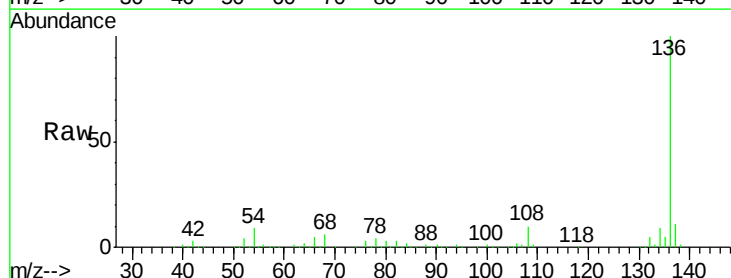
Ion Ratio Lower Upper

136 100

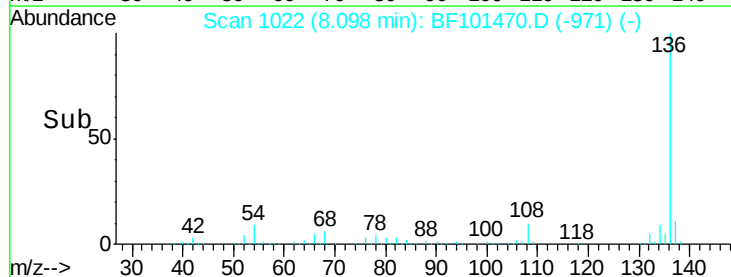
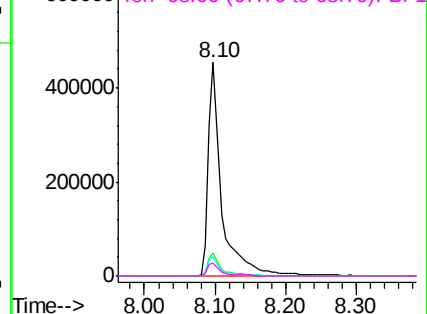
137 11.0 8.9 13.3

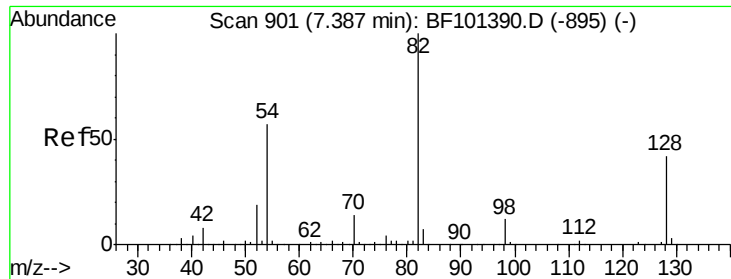
54 8.9 6.6 9.8

68 6.2 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

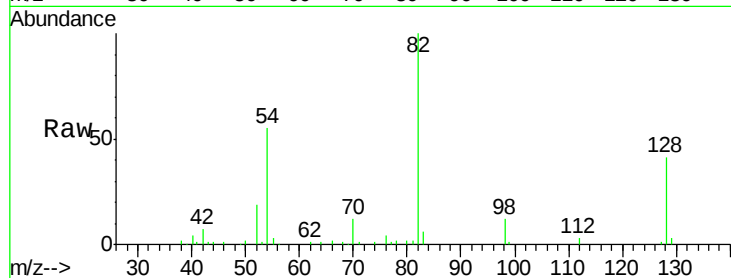




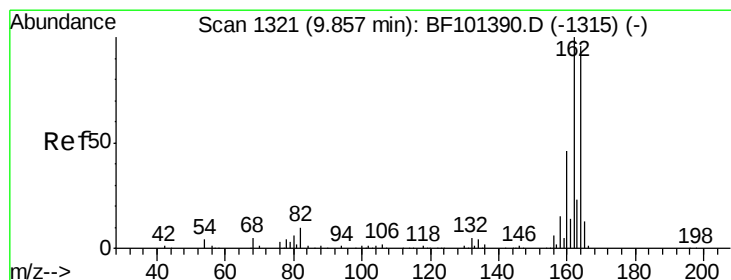
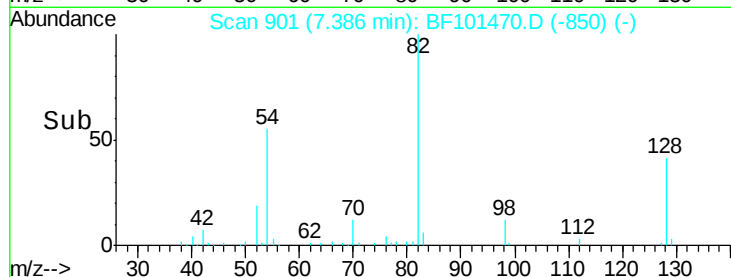
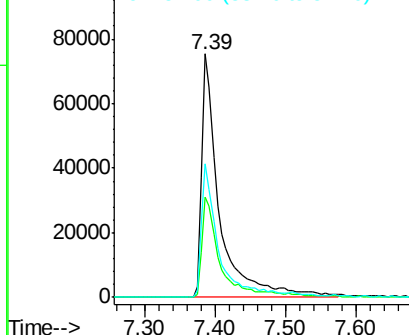
#23
 Nitrobenzene-d5
 Concen: 12.390 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	54.6	41.4	62.2

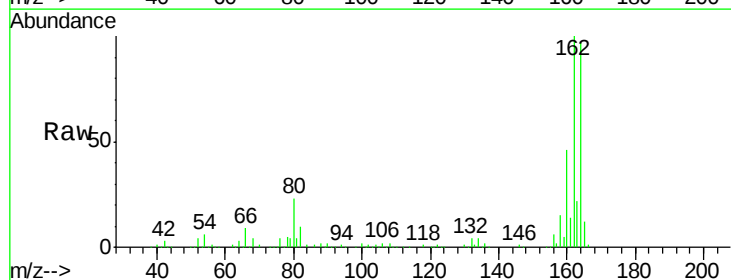


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

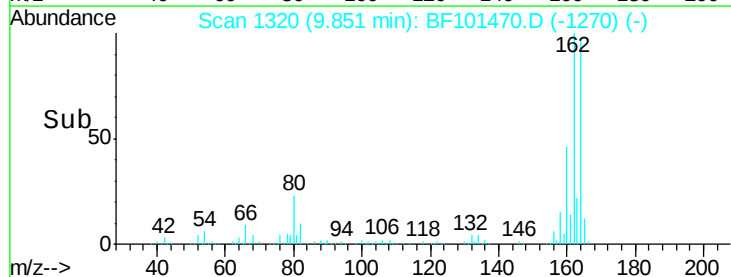
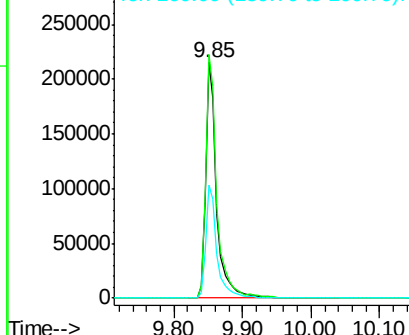


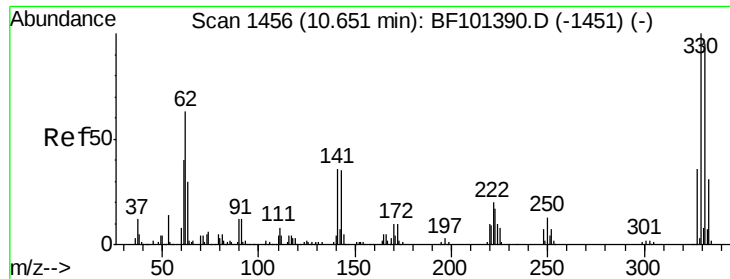
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	48.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

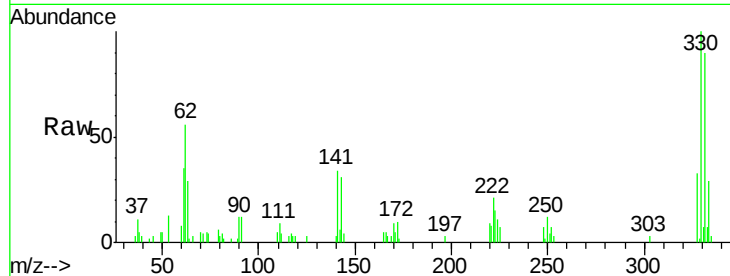




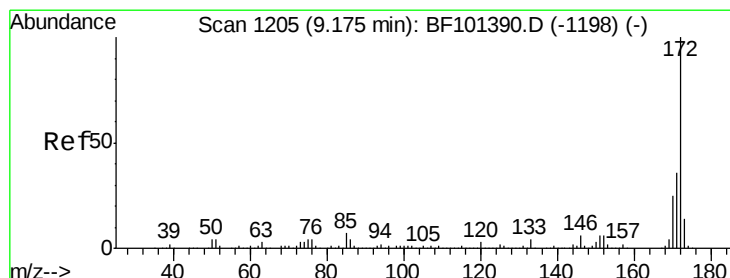
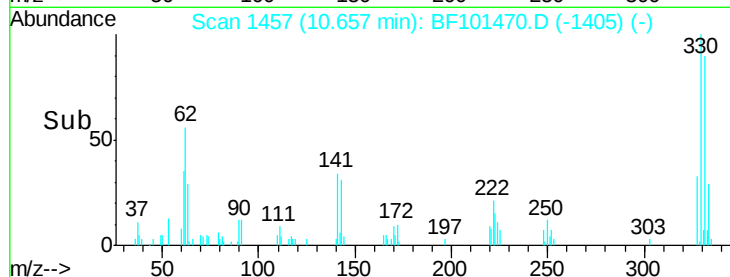
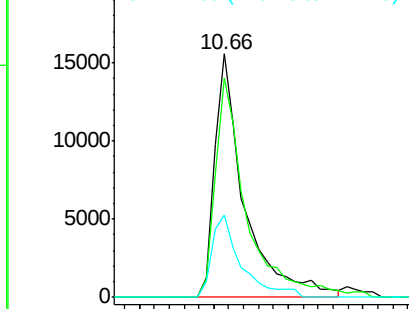
#41
 2,4,6-Tribromophenol
 Concen: 9.182 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.0	29.9	44.9

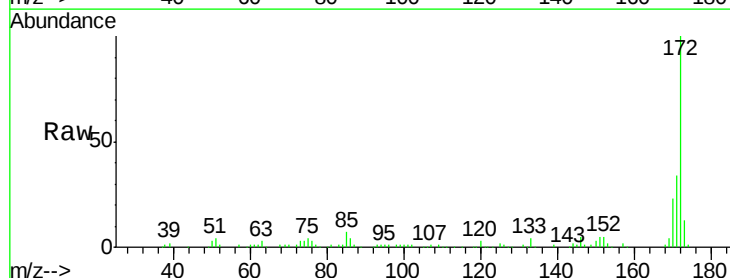


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

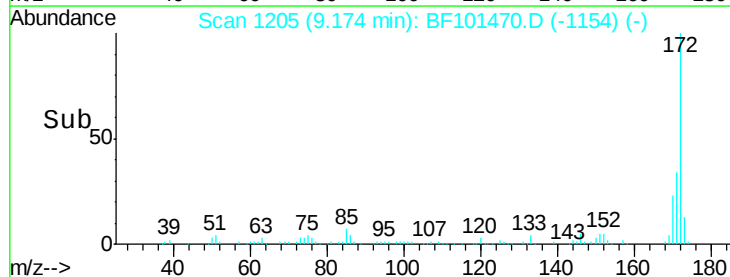
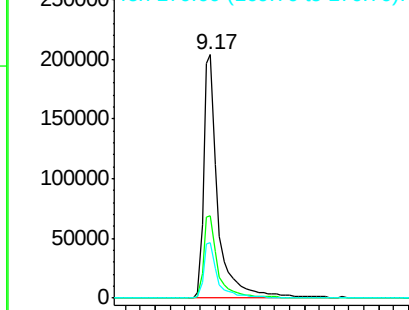


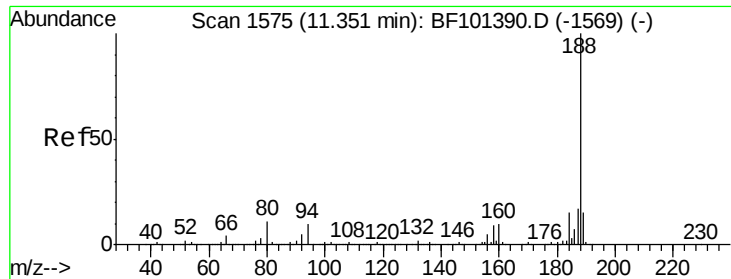
#44
 2-Fluorobiphenyl
 Concen: 17.507 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101470.D
 Acq: 16 Dec 2017 4:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

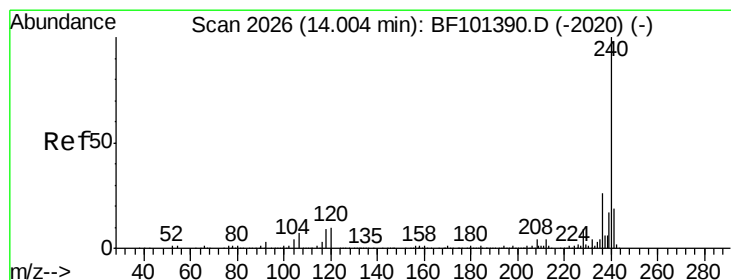
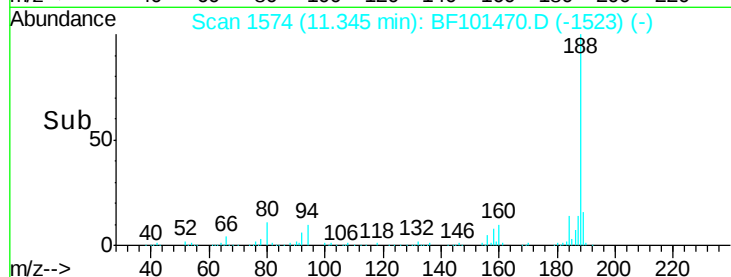
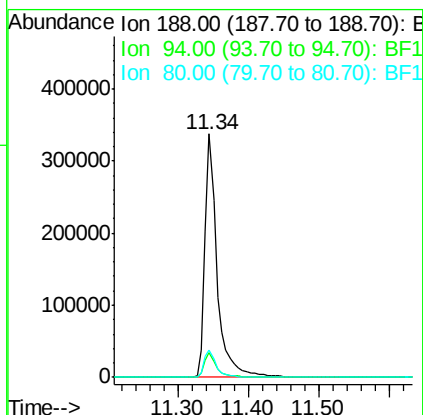
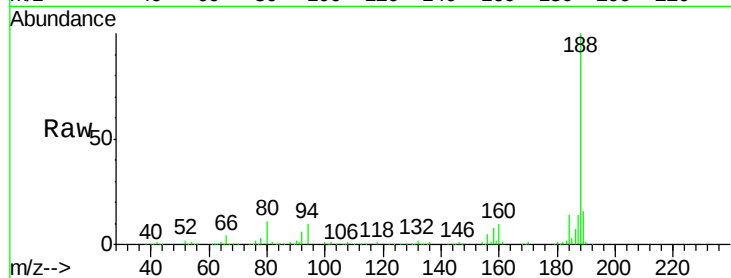




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF101470.D
Acq: 16 Dec 2017 4:23

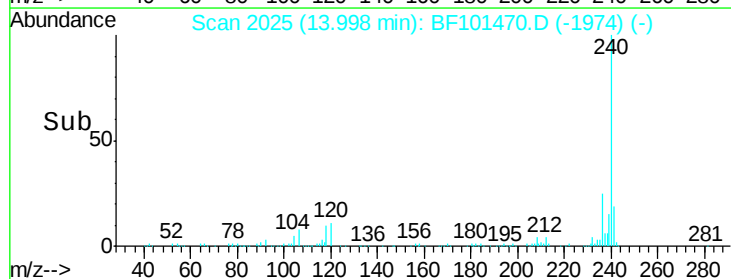
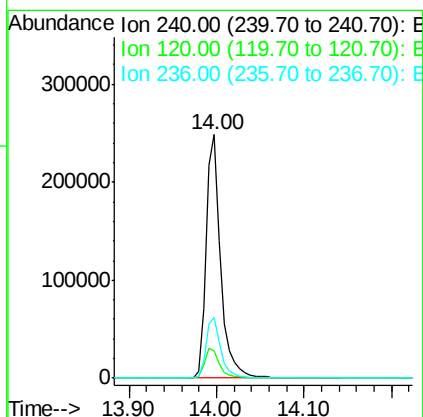
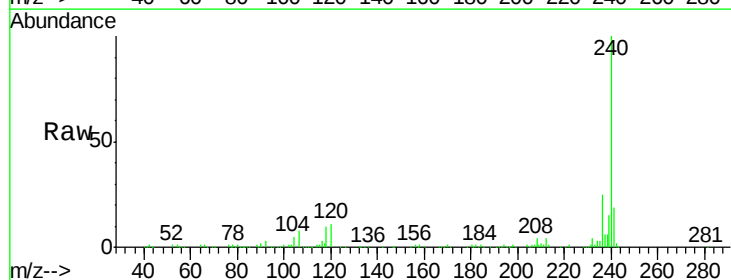
Instrument :
BNA_F
ClientSampleId :
121117-FOPI-E-D-M

Tgt Ion:188 Resp: 404128
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101470.D
Acq: 16 Dec 2017 4:23

Tgt Ion:240 Resp: 287203
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 16.163 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-D-M

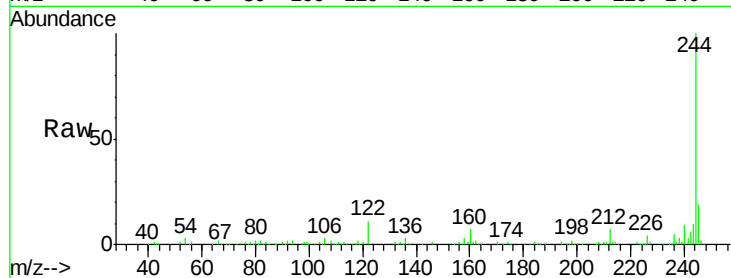
Tgt Ion:244 Resp: 192551

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

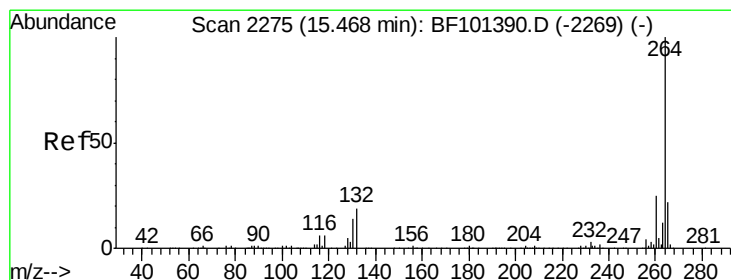
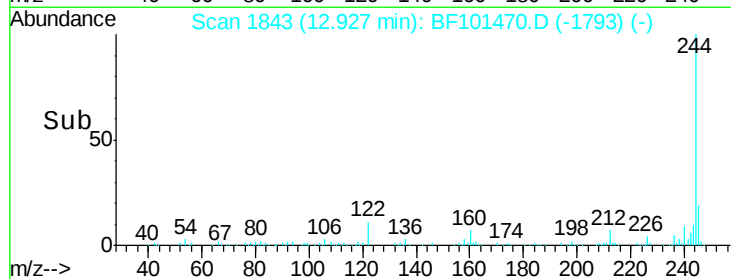
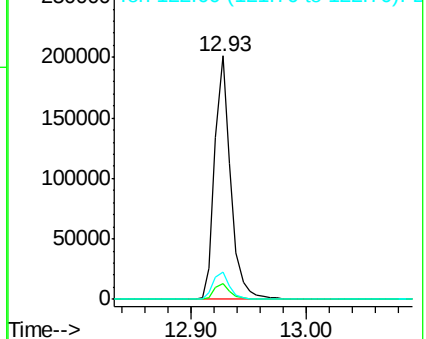
122 11.4 11.0 16.4



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# 2275

Delta R.T. -0.00 min

Lab File: BF101470.D

Acq: 16 Dec 2017 4:23

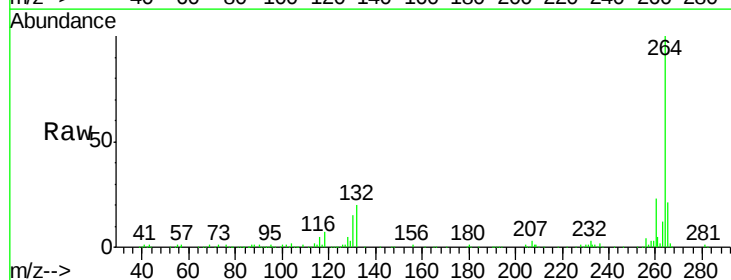
Tgt Ion:264 Resp: 252471

Ion Ratio Lower Upper

264 100

260 23.3 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

