

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084493.D
 Acq On : 15 Jan 2016 16:17
 Operator : SJ/UM
 Sample : PB87838BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87838BL

Quant Time: Jan 16 02:28:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	265487	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1119026	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	476363	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	856883	20.00	ng	0.00
75) Chrysene-d12	13.99	240	664476	20.00	ng	0.00
86) Perylene-d12	15.40	264	564496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1945802	118.55	ng	0.01
7) Phenol-d6	6.46	99	2104655	102.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	1576730	78.42	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	596701	124.07	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2351376	86.98	ng	-0.01
78) Terphenyl-d14	12.93	244	2060667	69.22	ng	0.00

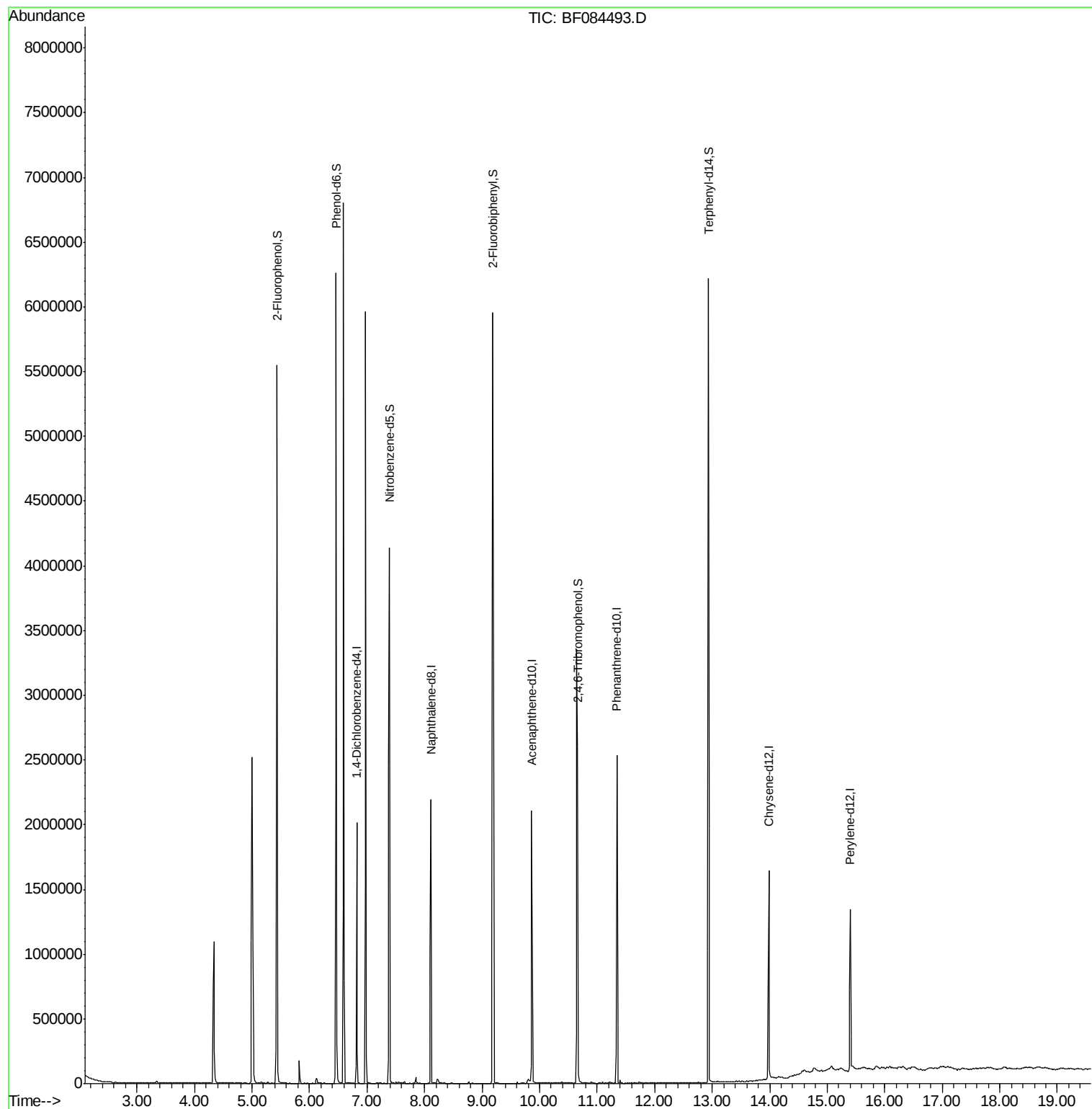
Target Compounds Qvalue

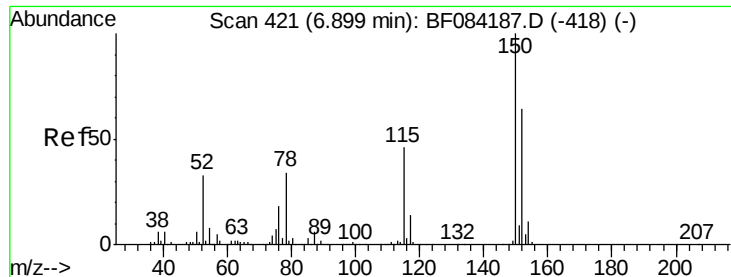
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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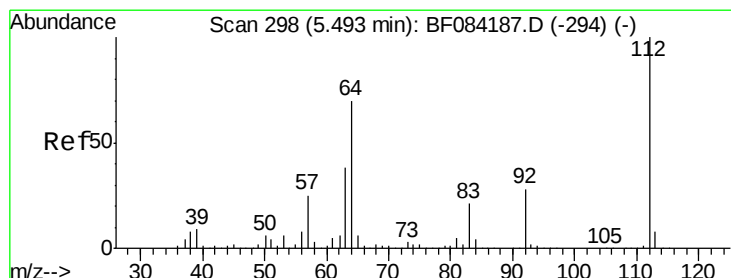
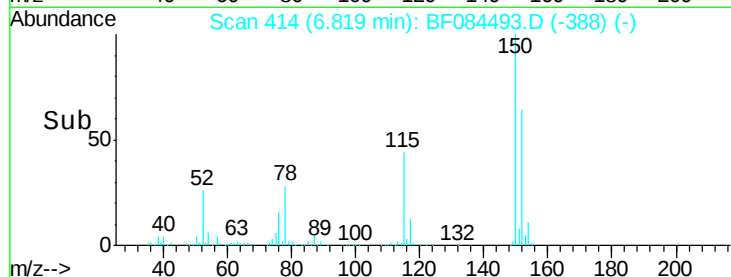
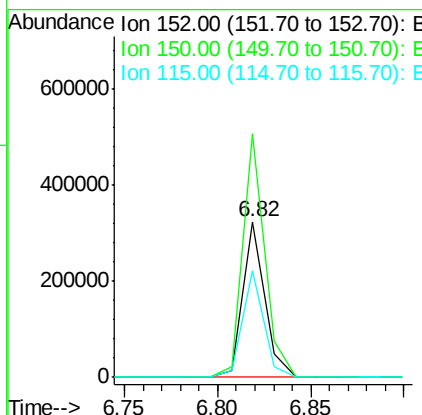
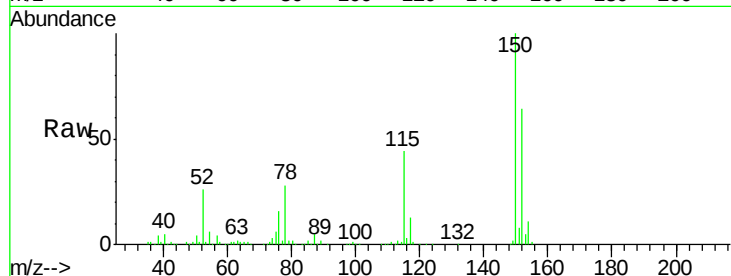


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
PB87838BL

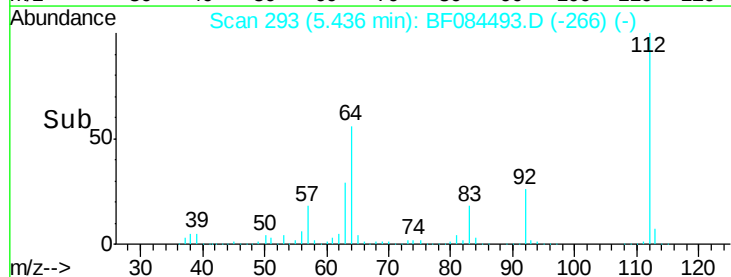
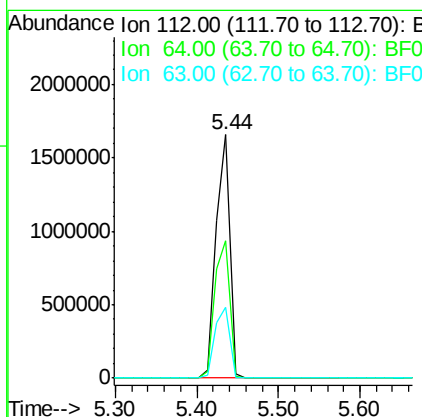
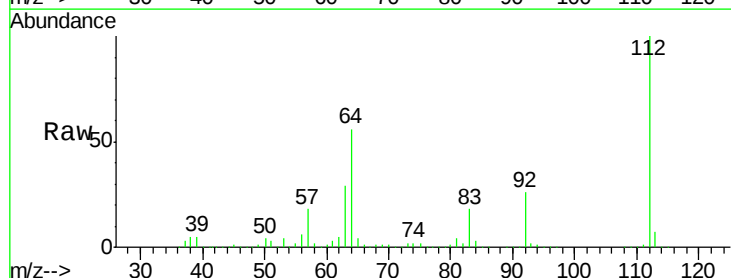
Tot Ion:152 Resp: 265487
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.4
115 68.5 51.4 77.2

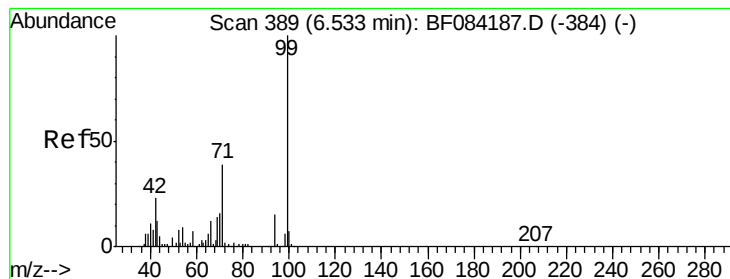


#5

2-Fluorophenol
Concen: 118.55 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Tgt Ion:112 Resp: 1945802
Ion Ratio Lower Upper
112 100
64 56.3 36.6 55.0#
63 28.9 19.4 29.0





#7

Phenol-d6

Concen: 102.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

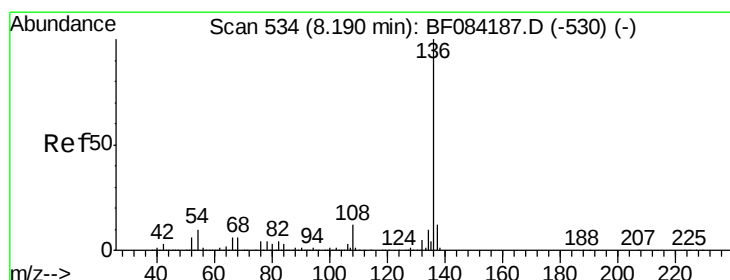
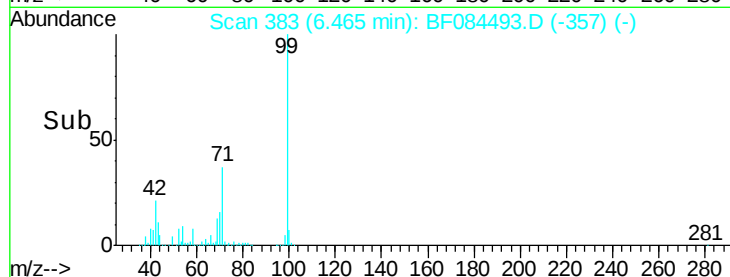
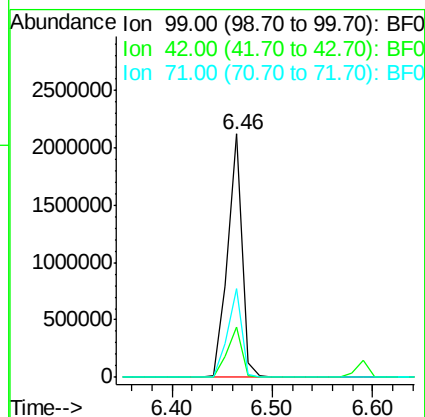
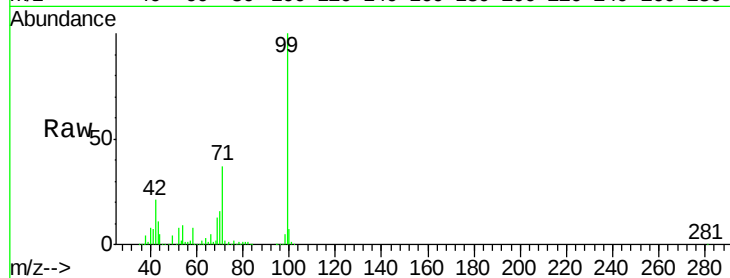
BNA_F

ClientSampleId :

PB87838BL

Tot Ion: 99 Resp: 2104655

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	36.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

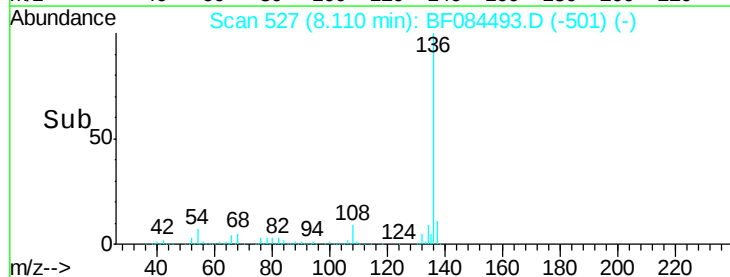
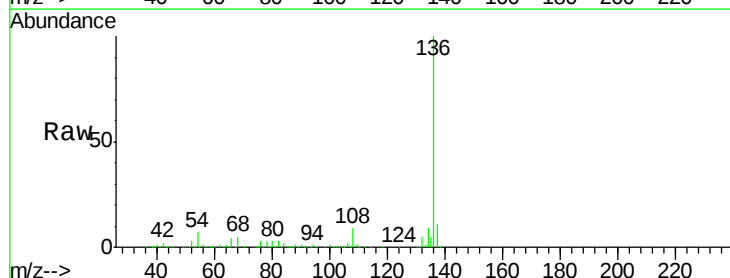
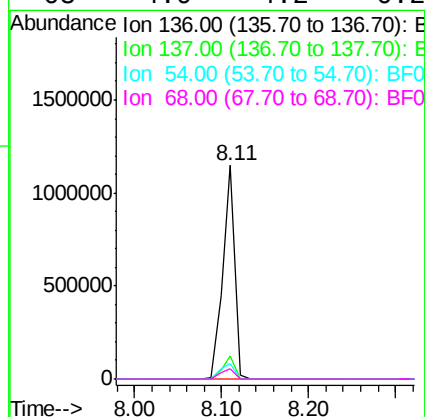
Delta R.T. 0.00 min

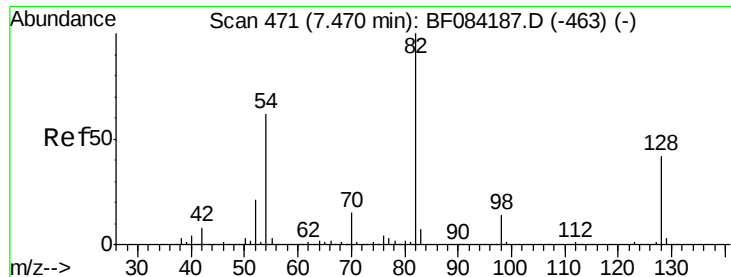
Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Tgt Ion: 136 Resp: 1119026

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.8	8.8
68	4.9	4.2	6.2

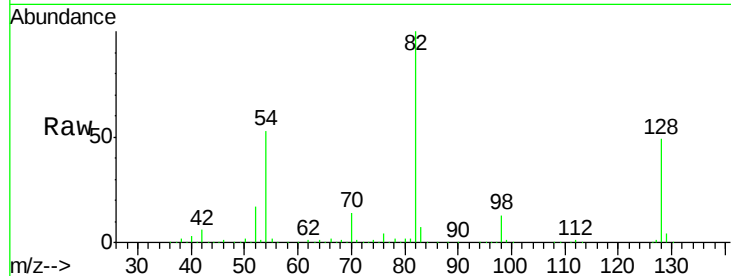




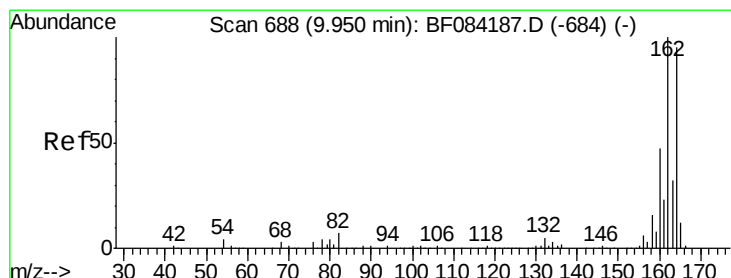
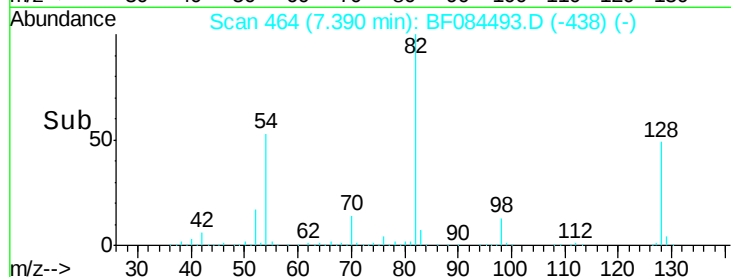
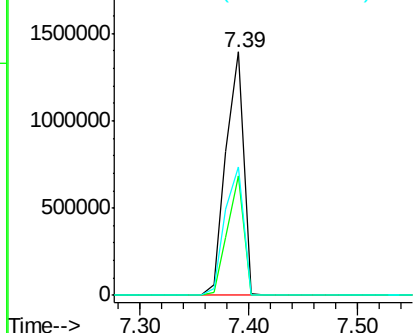
#23
 Nitrobenzene-d5
 Concen: 78.42 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084493.D
 Acq: 15 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleID :
 PB87838BL

Tot Ion: 82 Resp: 1576730
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.6 51.8
 54 52.8 38.4 57.6

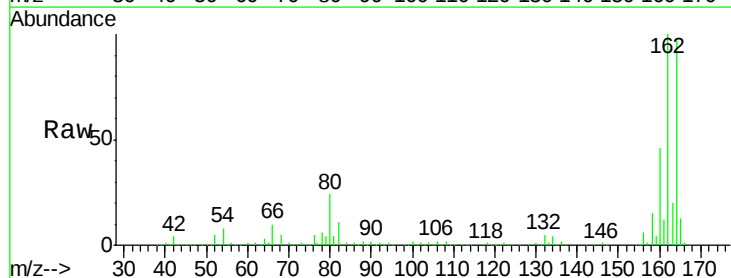


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

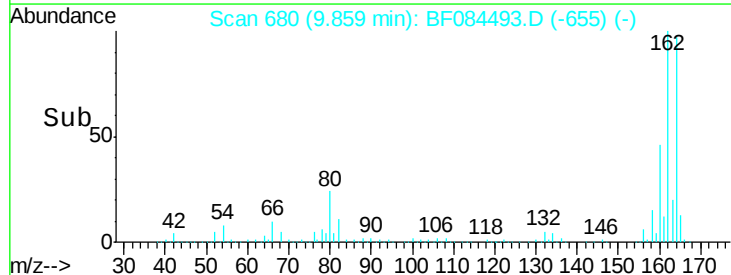
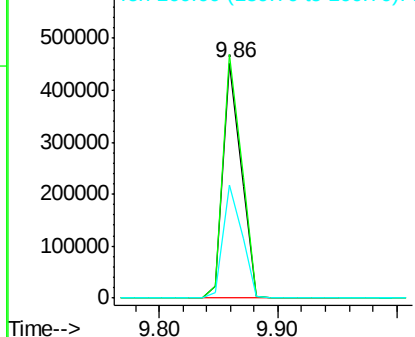


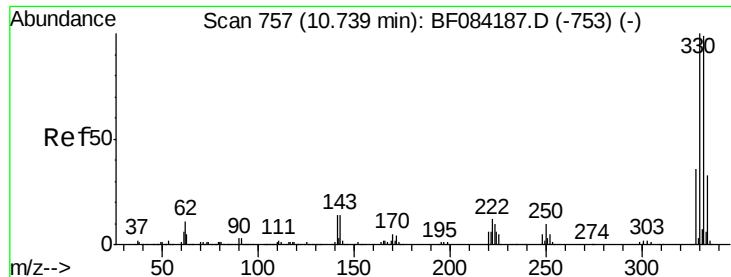
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084493.D
 Acq: 15 Jan 2016 16:17

Tgt Ion:164 Resp: 476363
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.1 127.7
 160 47.9 37.5 56.3



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

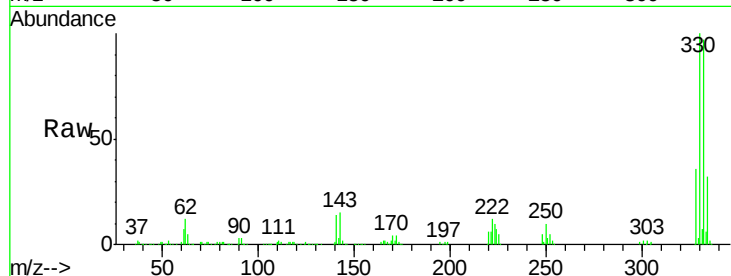




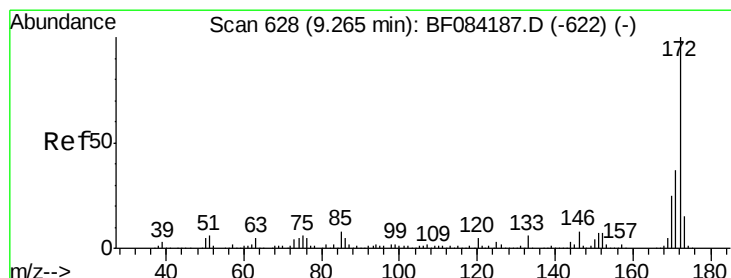
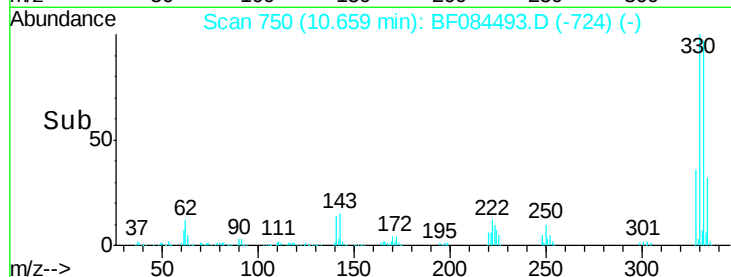
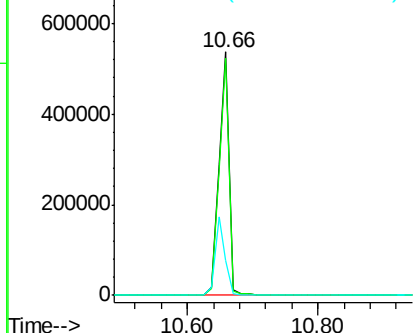
#41
 2,4,6-Tribromophenol
 Concen: 124.07 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084493.D
 Acq: 15 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87838BL

Tot Ion:330 Resp: 596701
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 31.6 27.8 41.6

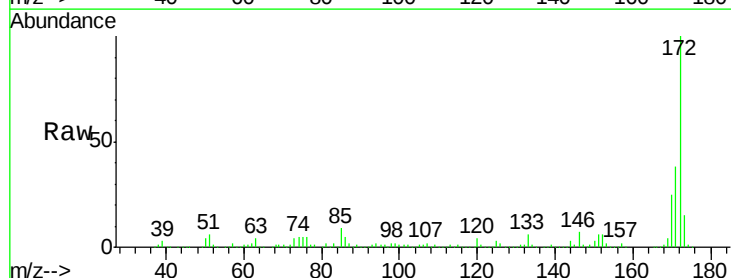


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

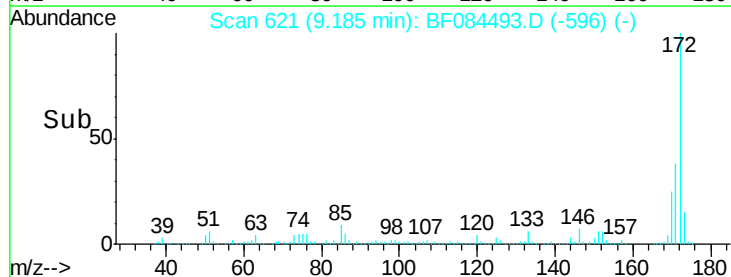
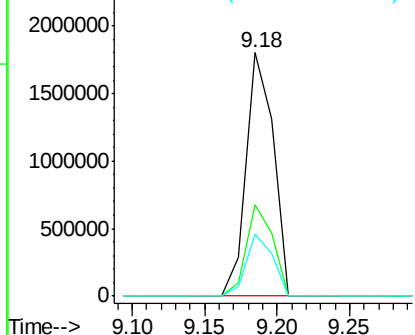


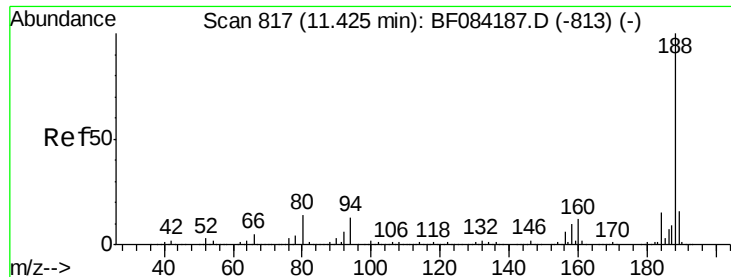
#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084493.D
 Acq: 15 Jan 2016 16:17

Tgt Ion:172 Resp: 2351376
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.3 18.6 27.8



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

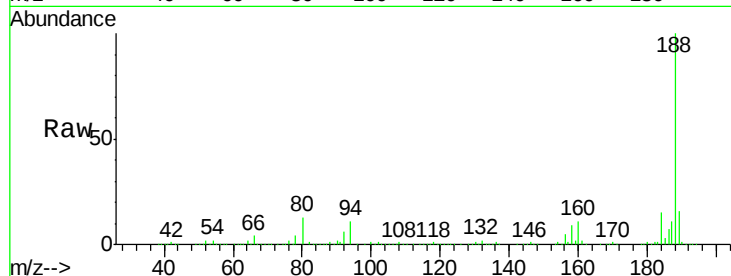




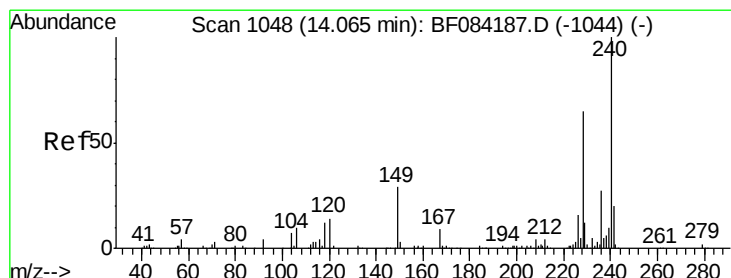
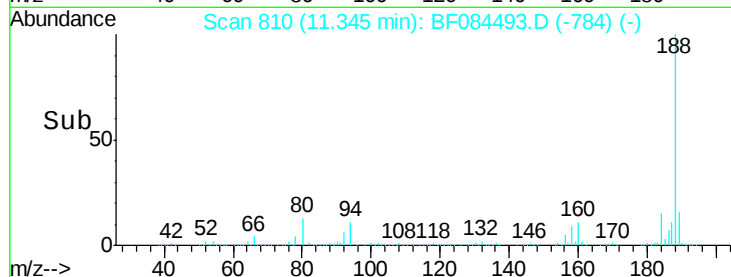
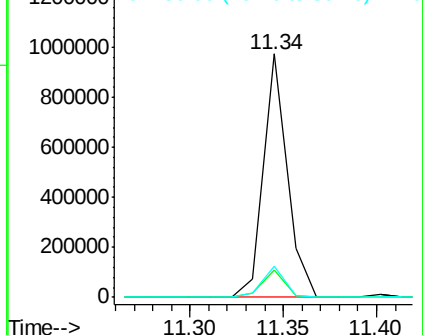
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
PB87838BL

Tot Ion:188 Resp: 856883
Ion Ratio Lower Upper
188 100
94 11.4 9.0 13.4
80 12.7 9.6 14.4

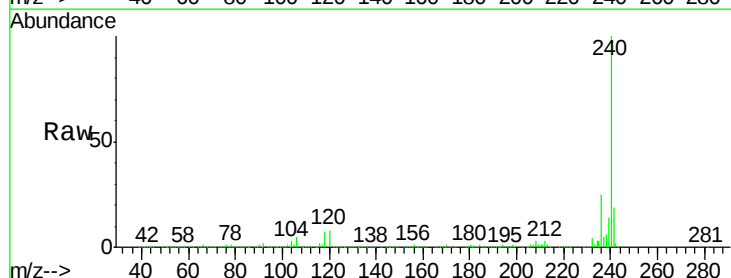


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

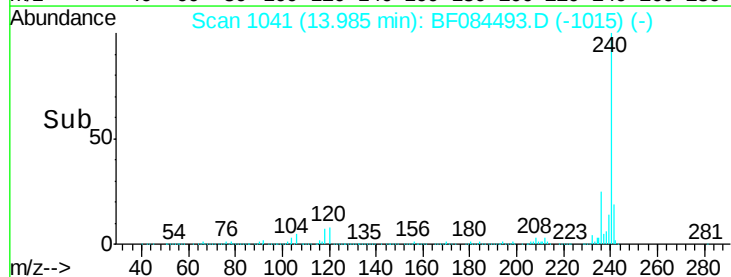
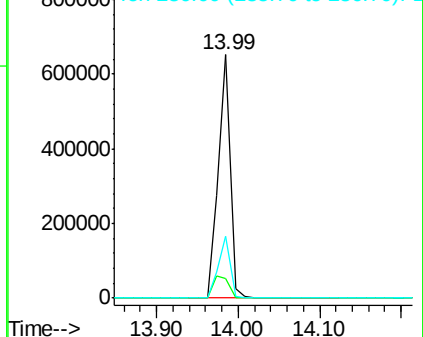


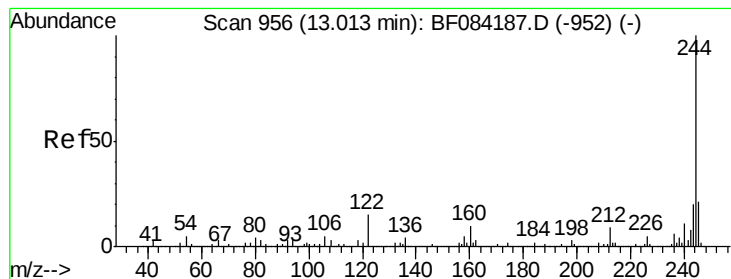
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084493.D
Acq: 15 Jan 2016 16:17

Tgt Ion:240 Resp: 664476
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 25.3 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.22 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

PB87838BL

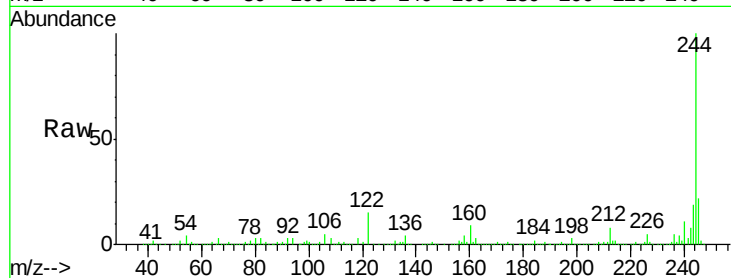
Tot Ion:244 Resp: 2060667

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

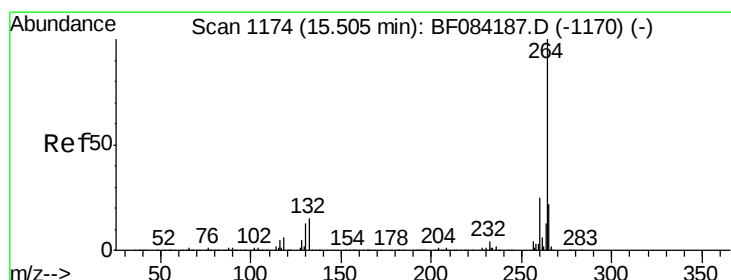
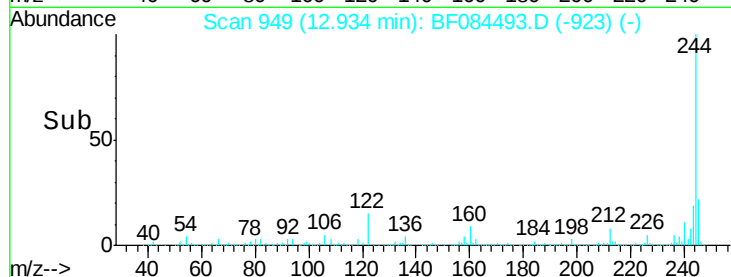
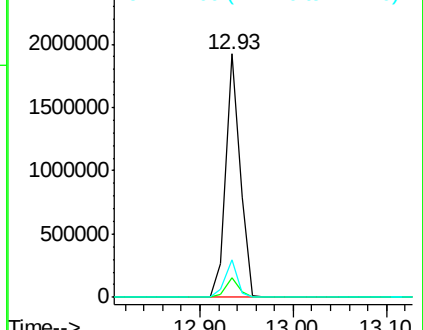
122 15.2 7.4 11.0#



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: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF084493.D

Acq: 15 Jan 2016 16:17

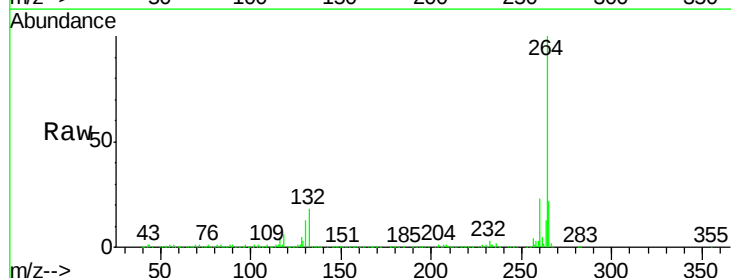
Tgt Ion:264 Resp: 564496

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 21.7 17.8 26.6



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

