

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089800.D
 Acq On : 19 Aug 2016 17:22
 Operator : UM/SJ
 Sample : PB93006BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

Quant Time: Aug 22 01:38:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	532635	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1971042	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	979130	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1750891	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1432552	20.00	ng	-0.03
86) Perylene-d12	15.29	264	1085070	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2278465	73.36	ng	0.01
7) Phenol-d6	6.32	99	2973348	77.99	ng	0.00
23) Nitrobenzene-d5	7.24	82	2402151	75.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	613595	65.94	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4721094	84.74	ng	0.00
78) Terphenyl-d14	12.79	244	4141061	65.40	ng	0.00

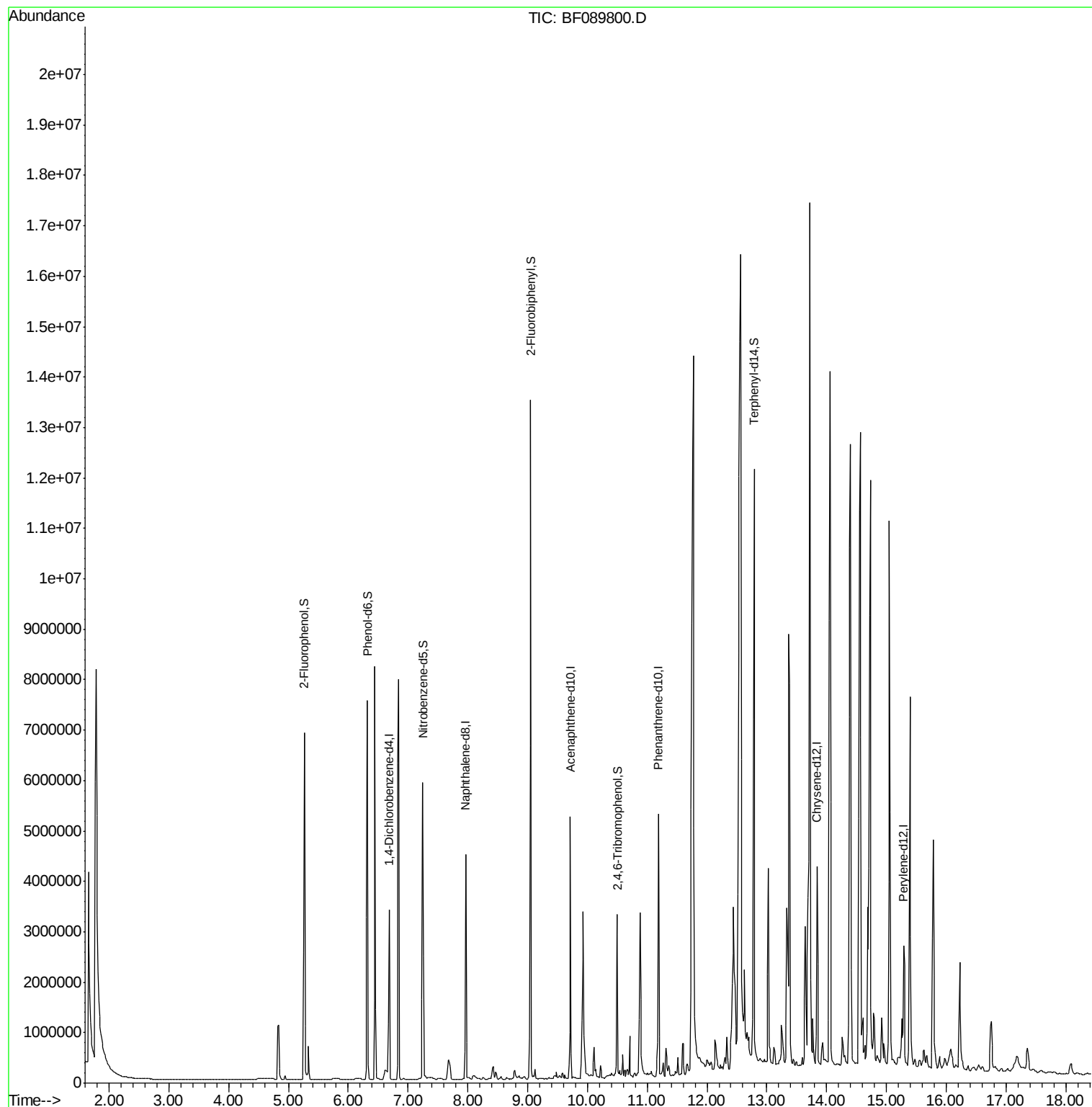
Target Compounds	Qvalue
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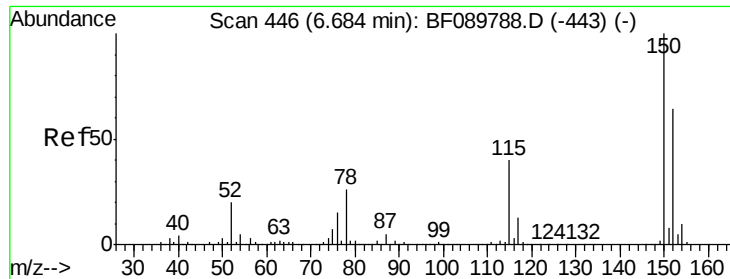
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

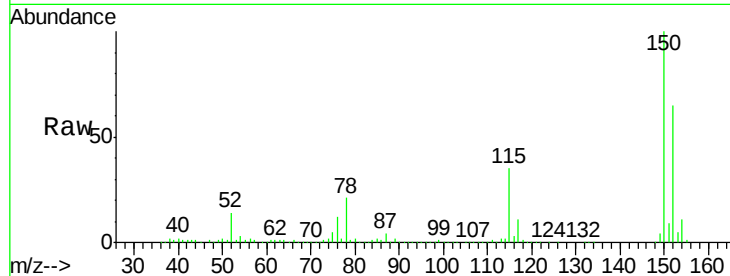
Tgt Ion:152 Resp: 532635

Ion Ratio Lower Upper

152 100

150 154.1 125.3 187.9

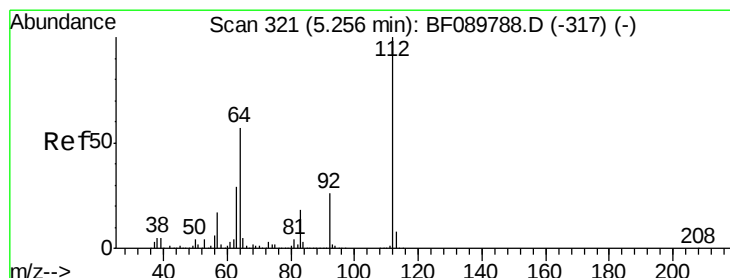
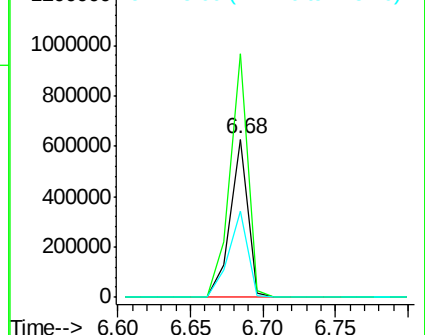
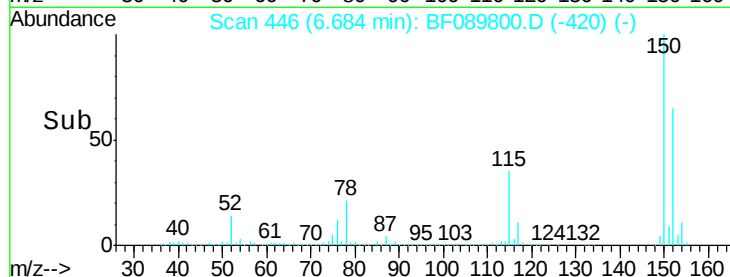
115 54.7 40.9 61.3



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: 73.36 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

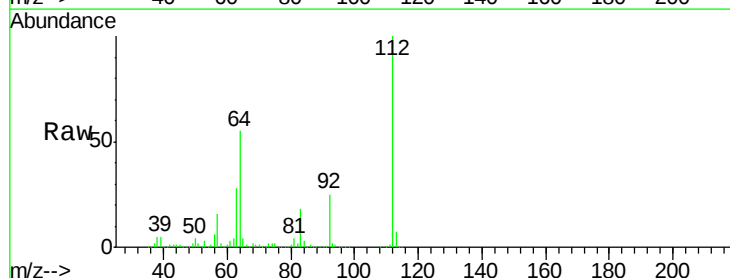
Tgt Ion:112 Resp: 2278465

Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

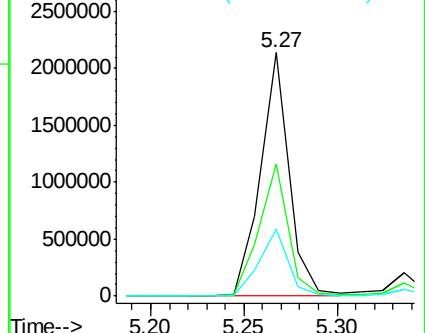
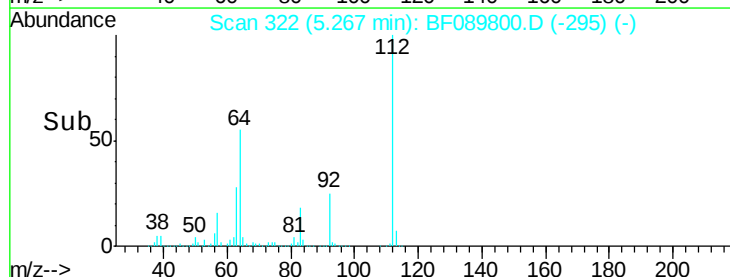
63 27.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.99 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

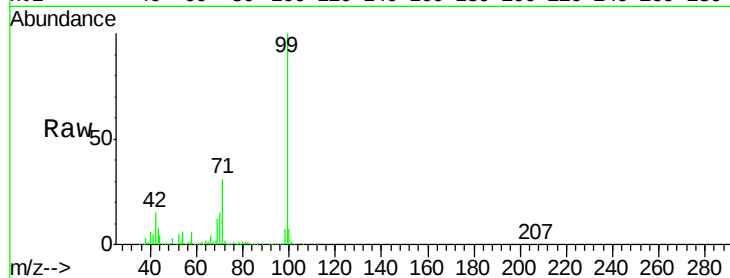
Tgt Ion: 99 Resp: 2973348

Ion Ratio Lower Upper

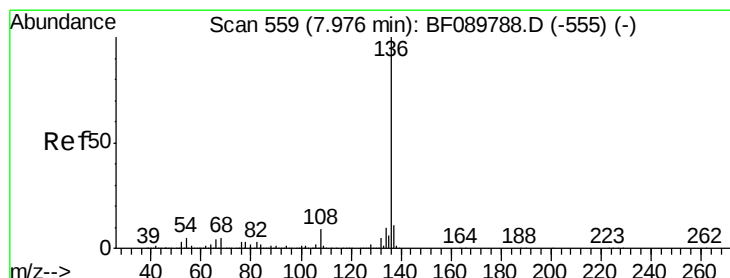
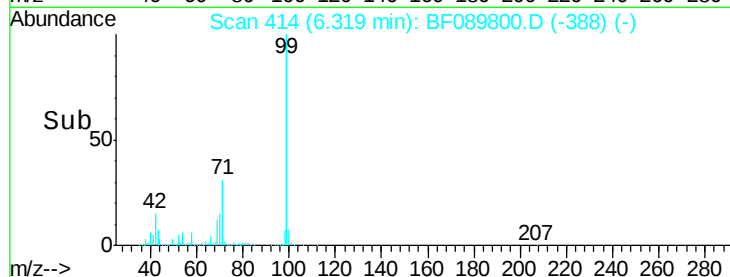
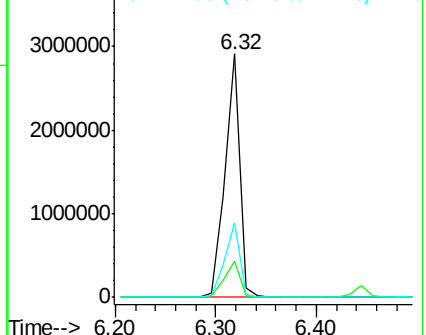
99 100

42 14.8 12.2 18.4

71 30.7 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Tgt Ion: 136 Resp: 1971042

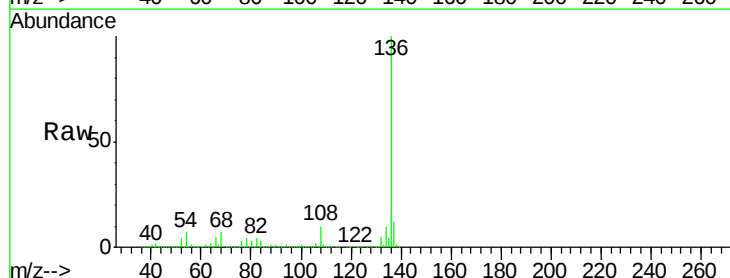
Ion Ratio Lower Upper

136 100

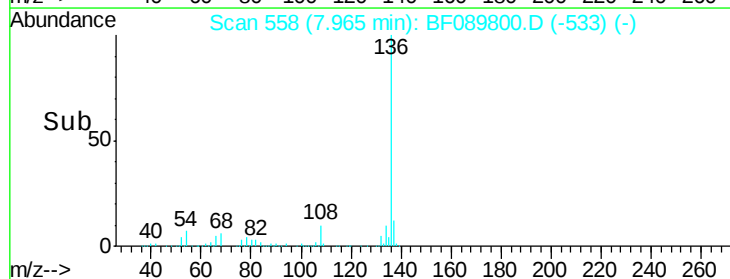
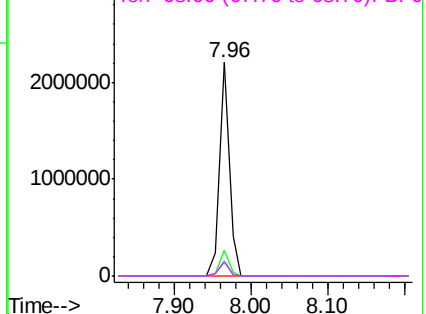
137 12.0 9.2 13.8

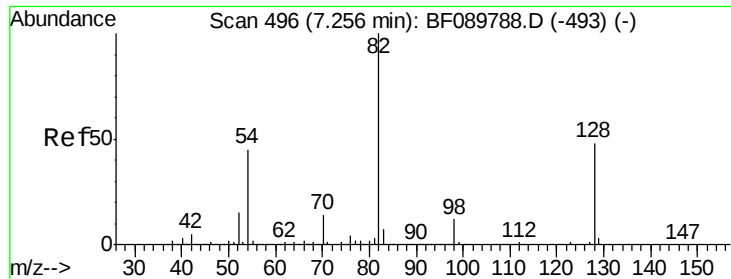
54 7.4 7.2 10.8

68 6.6 5.8 8.8



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

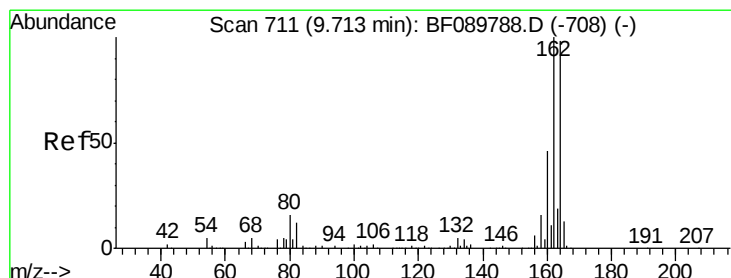
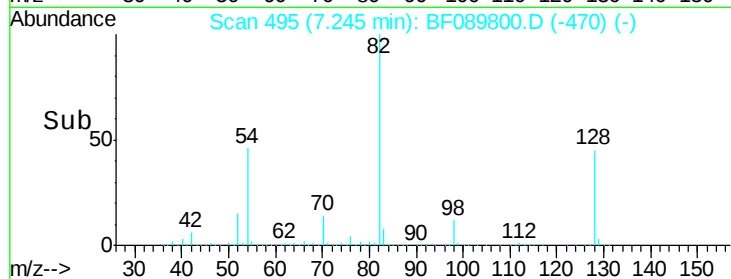
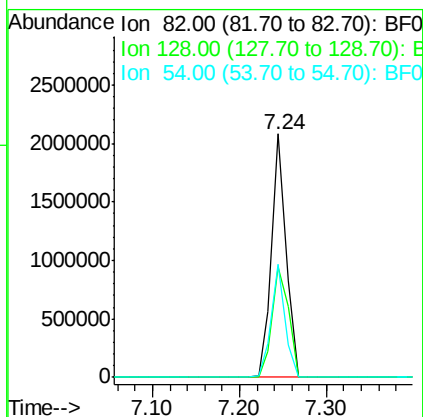
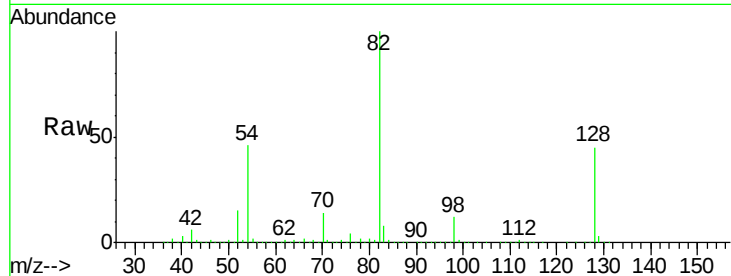




#23
 Nitrobenzene-d5
 Concen: 75.71 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

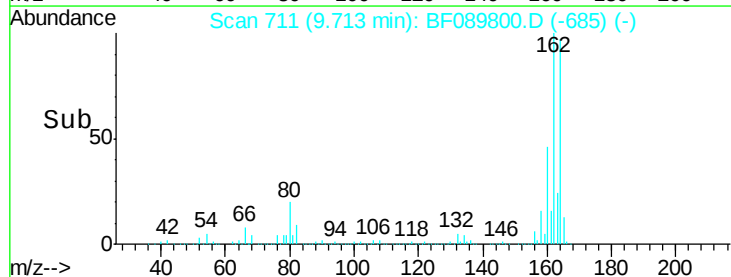
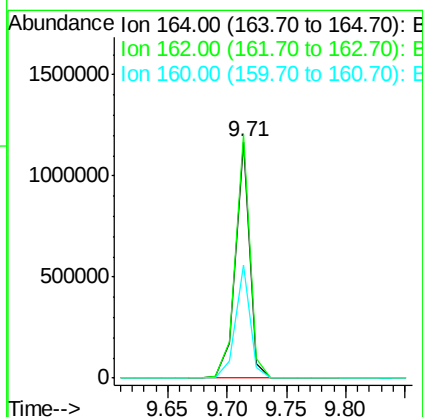
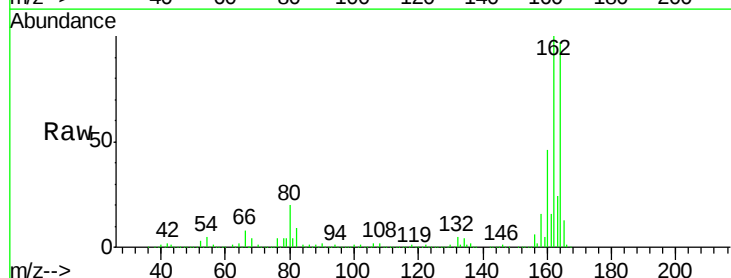
Instrument :
 BNA_F
 ClientSampled :
 PB93006BL

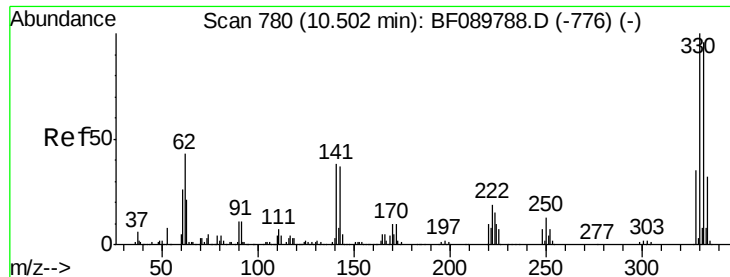
Tgt Ion: 82 Resp: 2402151
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.4 51.6
 54 46.4 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion: 164 Resp: 979130
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.4 122.2
 160 47.8 37.8 56.6

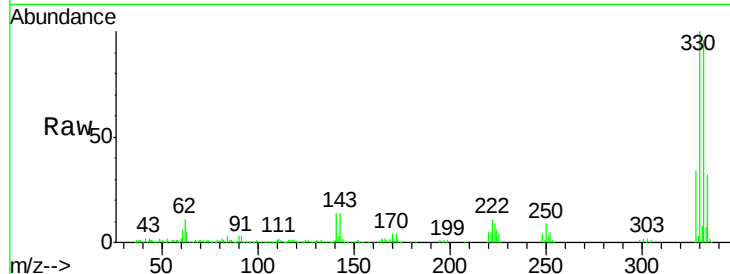




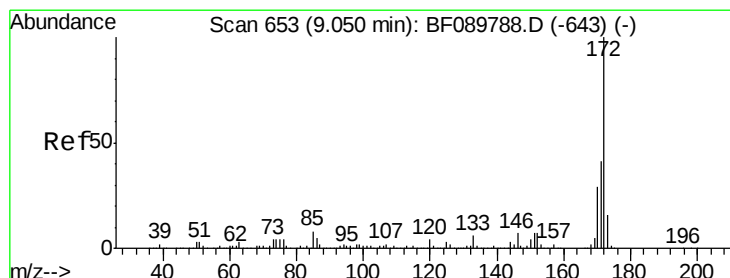
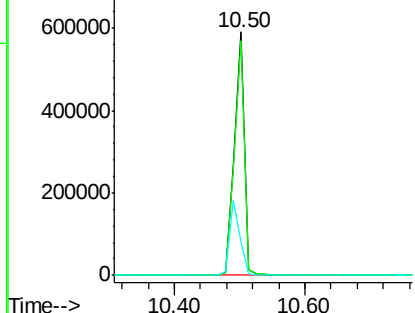
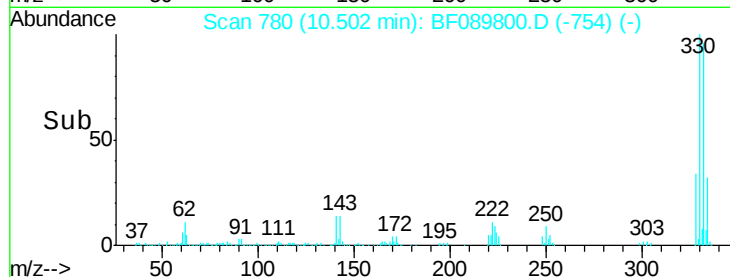
#41
 2,4,6-Tribromophenol
 Concen: 65.94 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	32.2	30.2	45.2

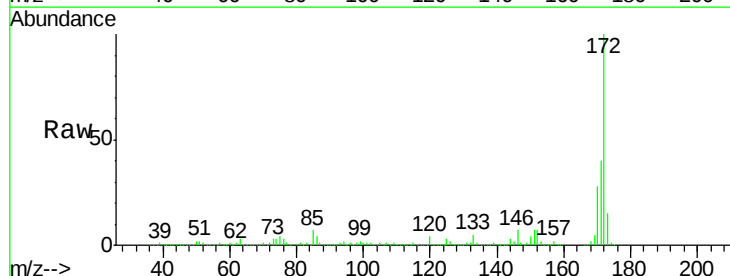


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

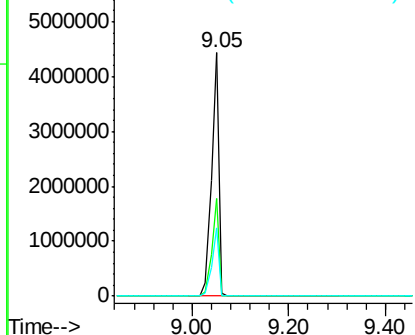
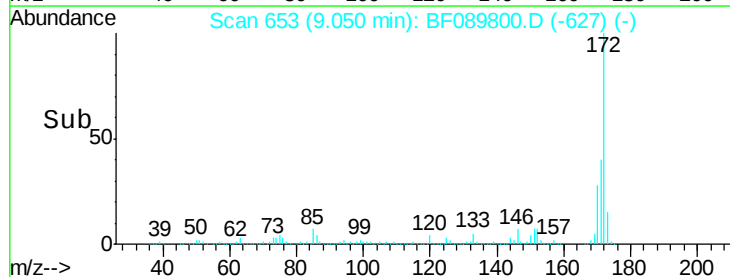


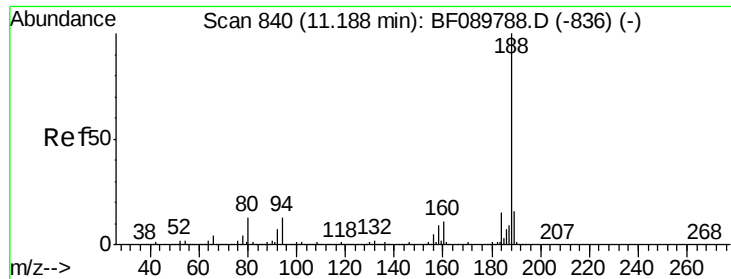
#44
 2-Fluorobiphenyl
 Concen: 84.74 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	30.5	45.7
170	28.1	20.6	31.0



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

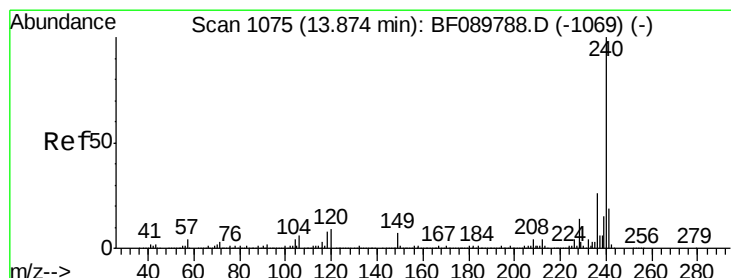
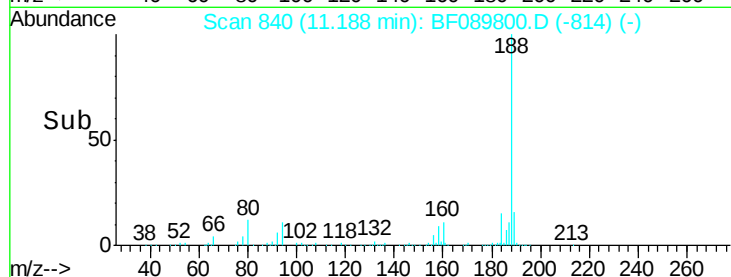
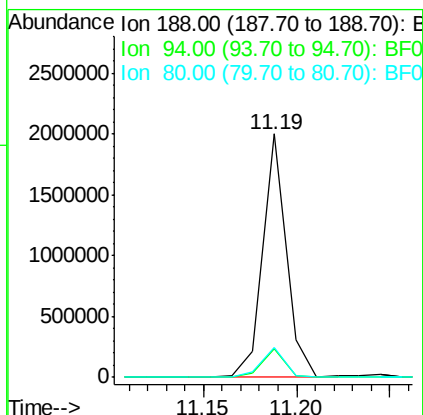
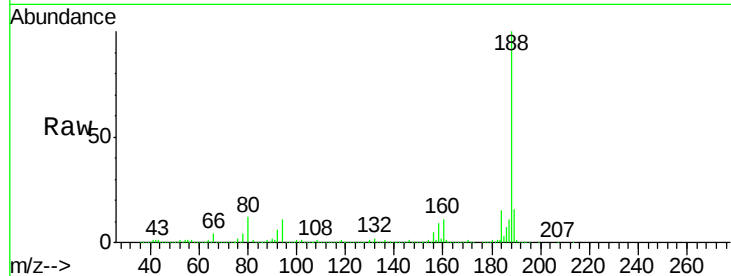




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

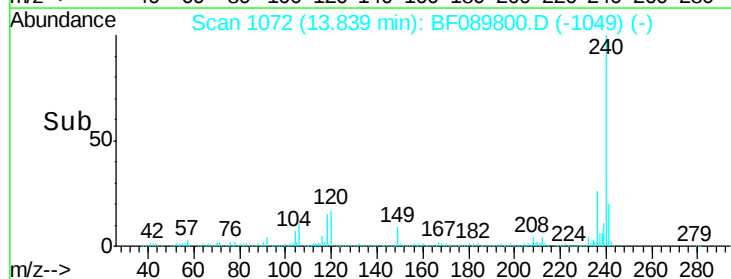
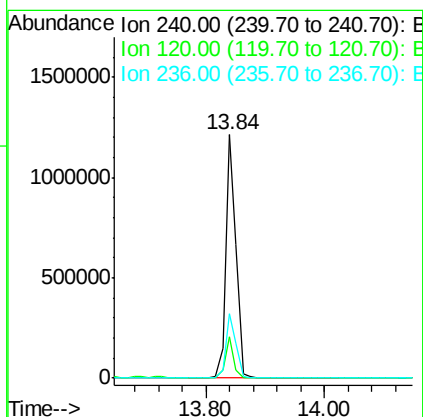
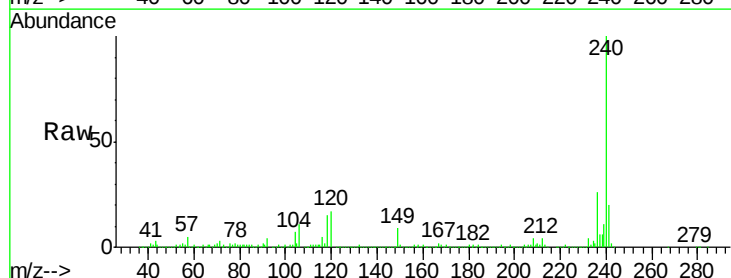
Instrument :
BNA_F
ClientSampled :
PB93006BL

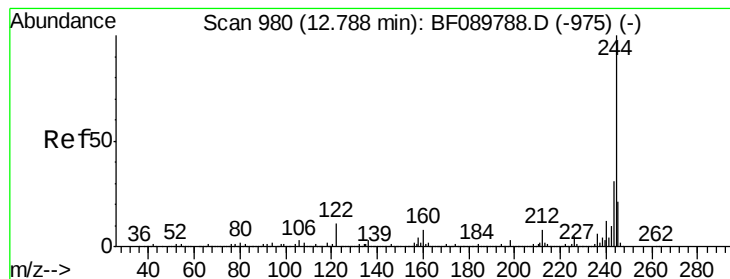
Tgt Ion:188 Resp: 1750891
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.2
80 12.0 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion:240 Resp: 1432552
Ion Ratio Lower Upper
240 100
120 16.8 8.3 12.5#
236 26.4 21.3 31.9





#78

Terphenyl-d14

Concen: 65.40 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

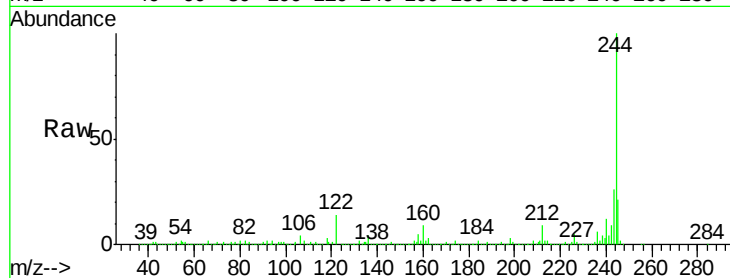
Tgt Ion:244 Resp: 4141061

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

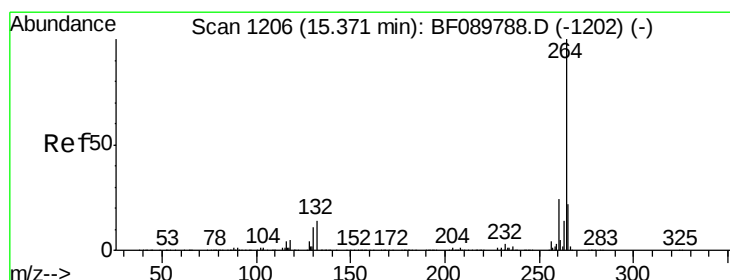
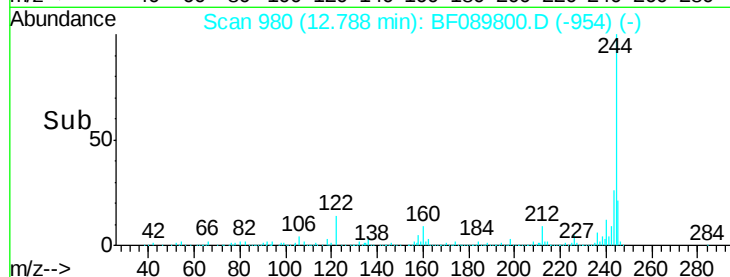
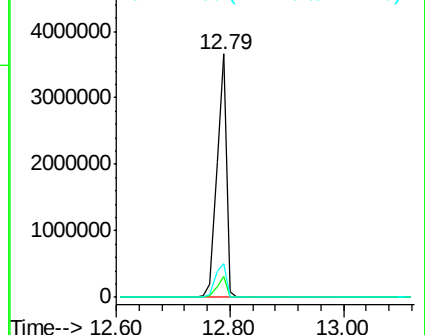
122 14.0 12.0 18.0



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: 15.29 min Scan# 1199

Delta R.T. -0.08 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

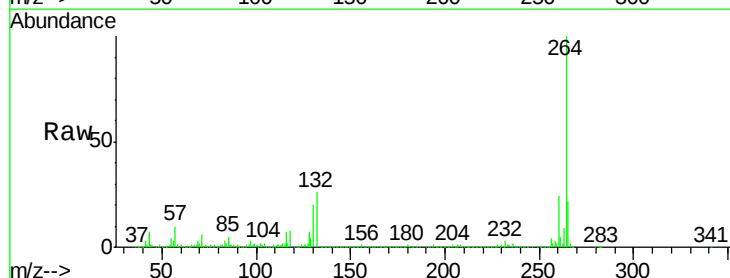
Tgt Ion:264 Resp: 1085070

Ion Ratio Lower Upper

264 100

260 23.6 20.2 30.2

265 22.1 17.4 26.2



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

