

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091516\
 Data File : BF090083.D
 Acq On : 15 Sep 2016 11:00
 Operator : UM/SJ
 Sample : PB93355BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BL

Quant Time: Sep 15 11:33:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	140022	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	552681	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	300031	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	494187	20.00	ng	0.00
75) Chrysene-d12	13.66	240	428134	20.00	ng	-0.01
86) Perylene-d12	14.98	264	299792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1082535	124.34	ng	0.00
7) Phenol-d6	6.19	99	1427539	125.24	ng	-0.01
23) Nitrobenzene-d5	7.12	82	847537	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	301566	100.06	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1257774	65.84	ng	-0.01
78) Terphenyl-d14	12.63	244	1247988	69.22	ng	-0.01

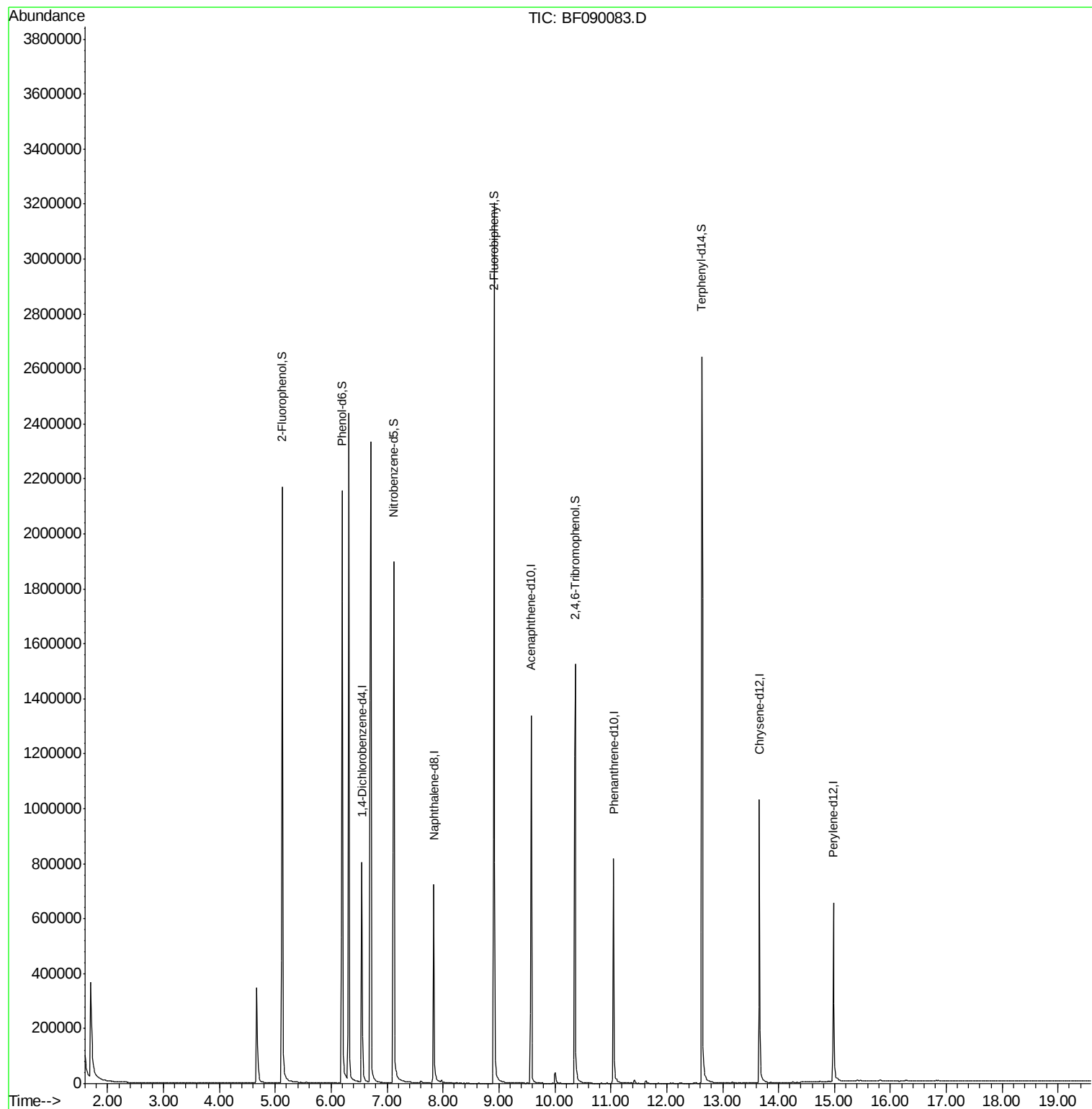
Target Compounds	Qvalue
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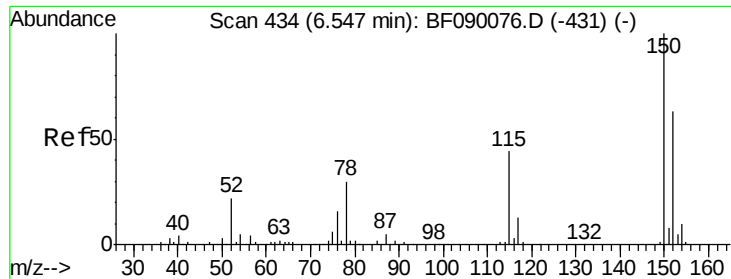
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

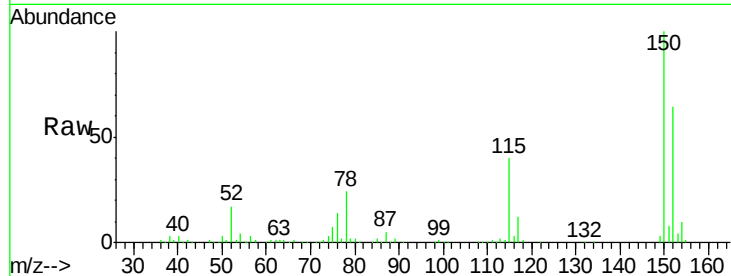
Tgt Ion:152 Resp: 140022

Ion Ratio Lower Upper

152 100

150 157.1 128.9 193.3

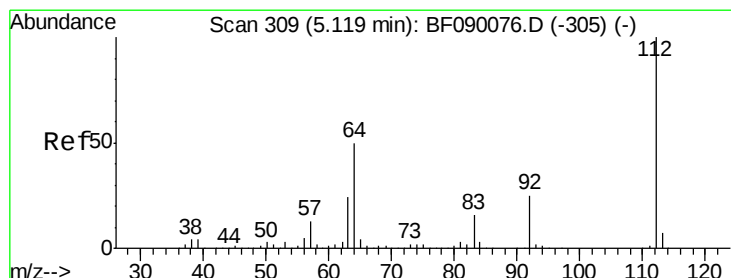
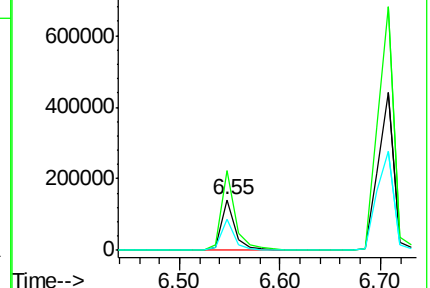
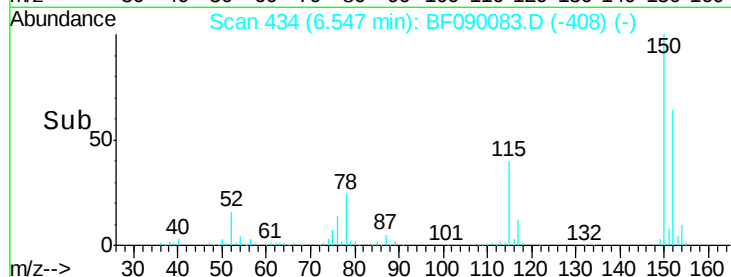
115 62.6 55.5 83.3



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: 124.34 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

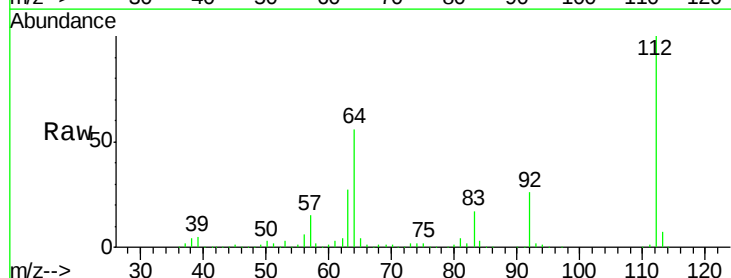
Tgt Ion:112 Resp: 1082535

Ion Ratio Lower Upper

112 100

64 56.2 39.8 59.6

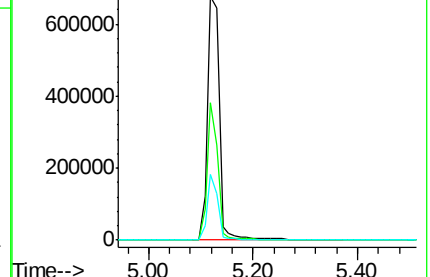
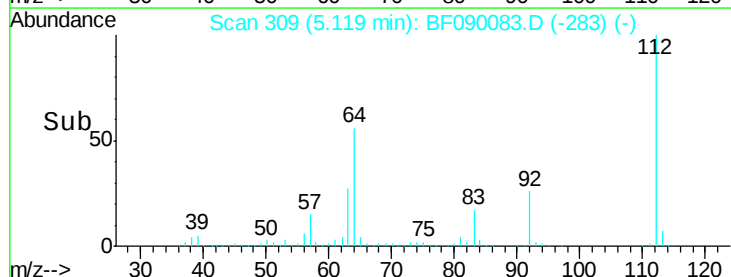
63 27.1 18.9 28.3

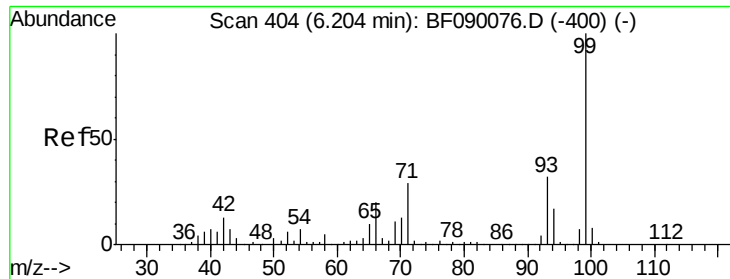


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.24 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

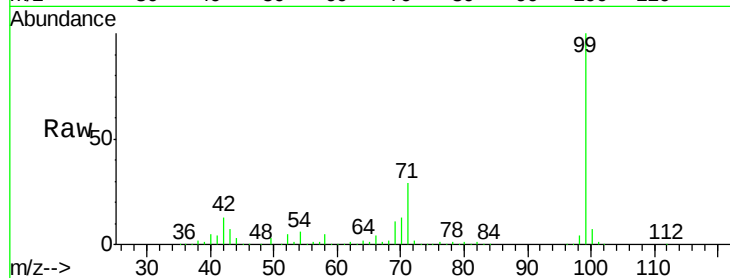
Tgt Ion: 99 Resp: 1427539

Ion Ratio Lower Upper

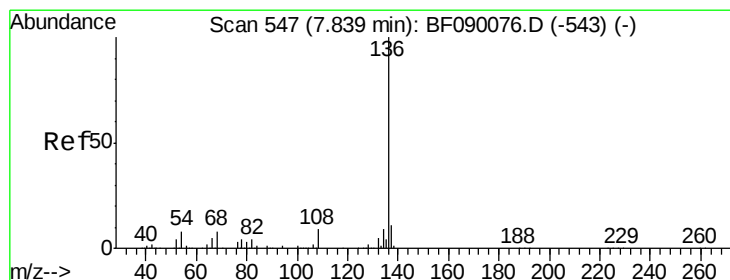
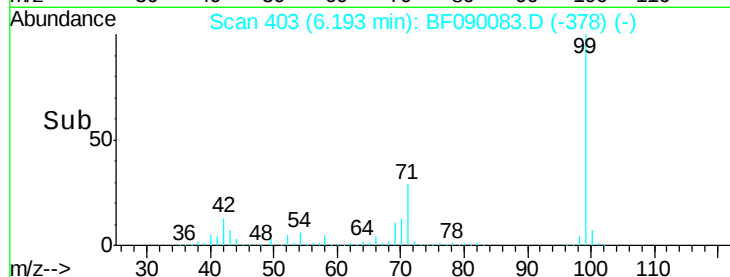
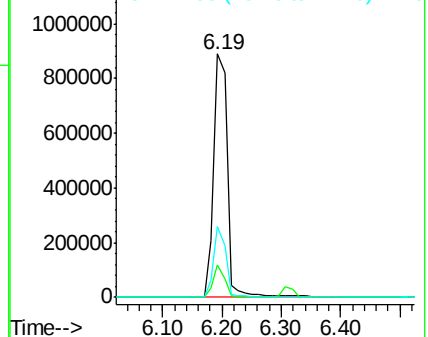
99 100

42 13.2 10.6 15.8

71 29.1 23.0 34.6



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: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Tgt Ion: 136 Resp: 552681

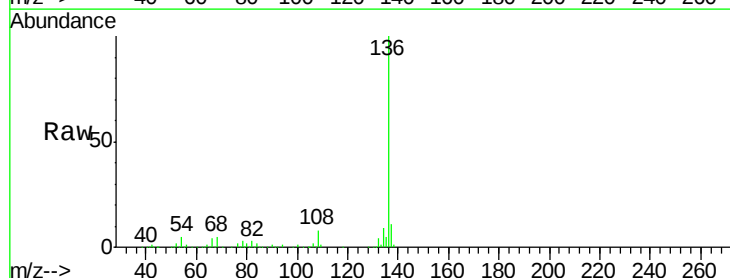
Ion Ratio Lower Upper

136 100

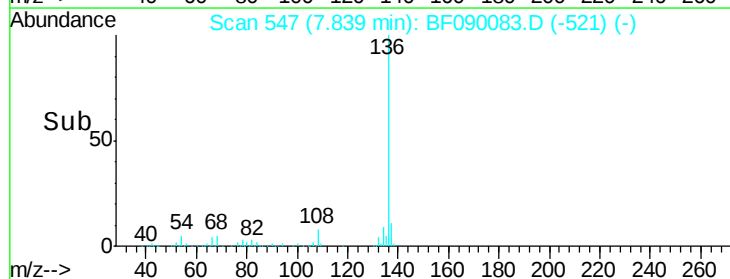
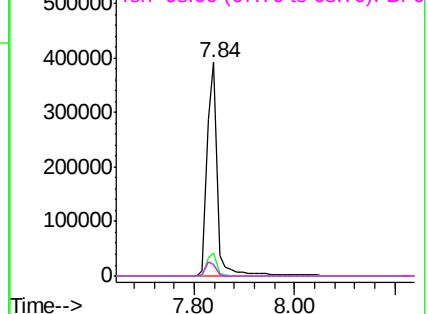
137 10.8 9.0 13.4

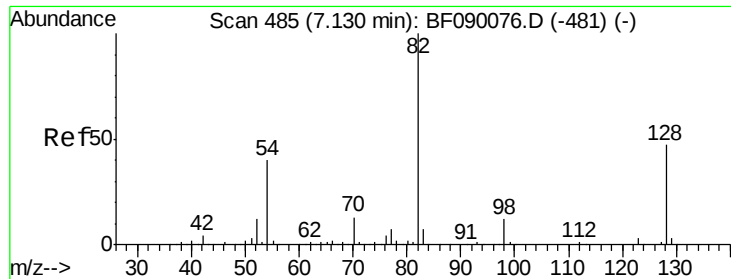
54 5.3 6.4 9.6#

68 5.2 6.3 9.5#



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

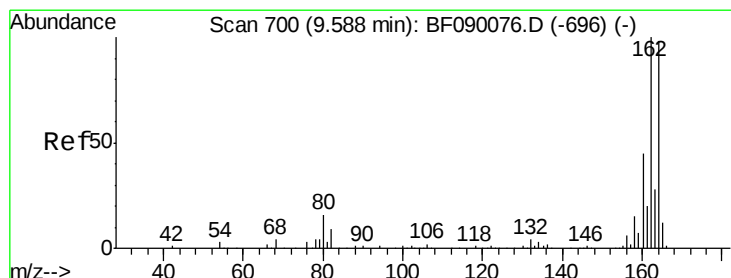
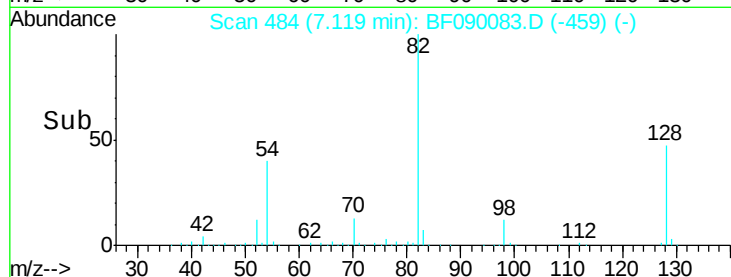
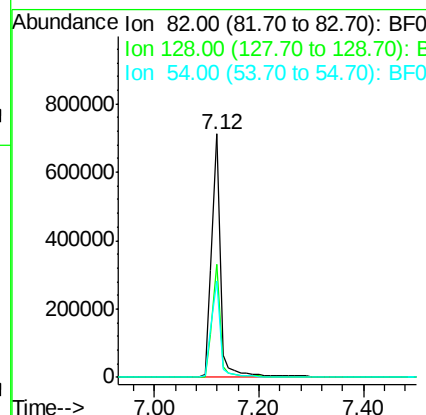
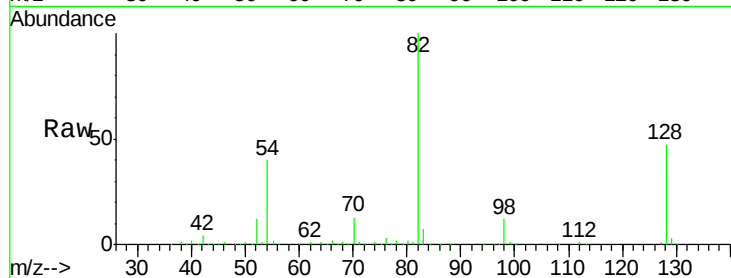




#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

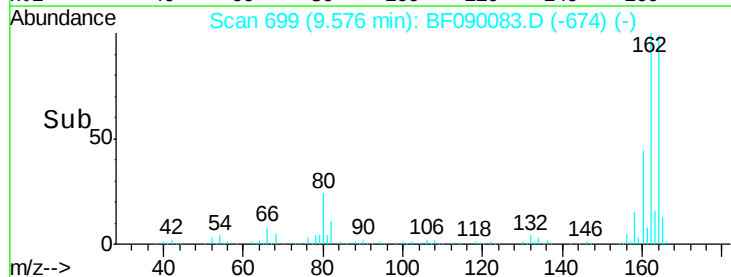
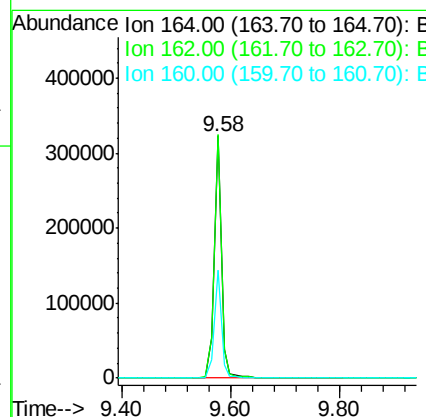
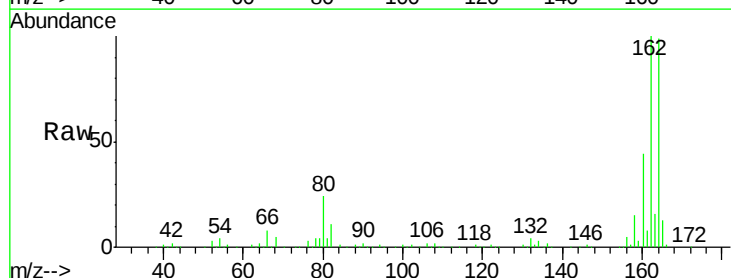
Instrument :
 BNA_F
 ClientSampleId :
 PB93355BL

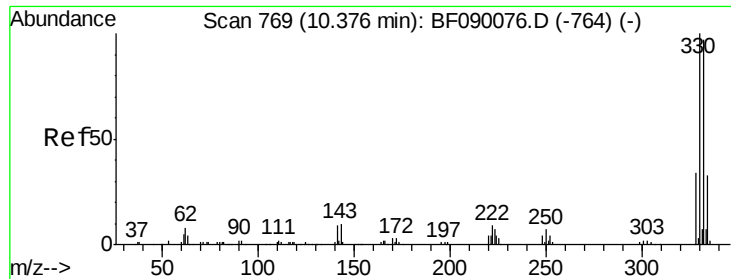
Tgt Ion: 82 Resp: 847537
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.5 56.3
 54 39.9 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion: 164 Resp: 300031
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.4 122.2
 160 44.7 36.6 54.8

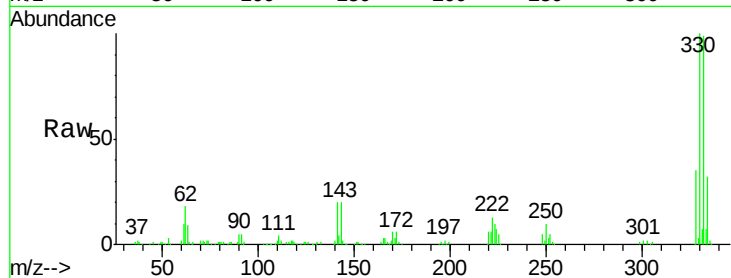




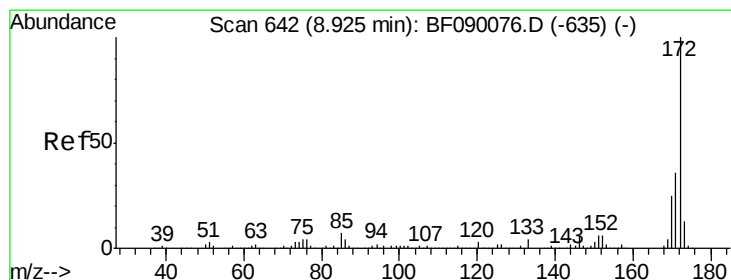
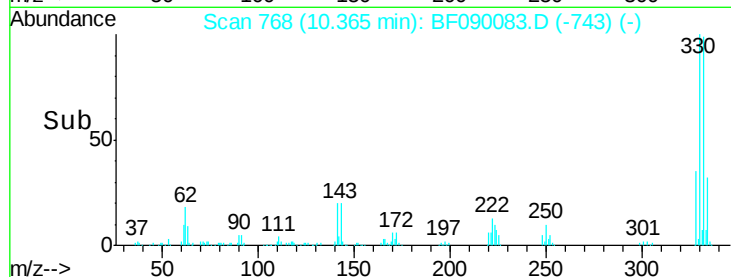
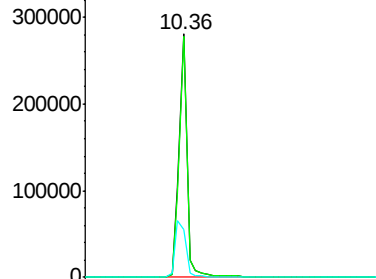
#41
 2,4,6-Tribromophenol
 Concen: 100.06 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BL

Tgt Ion:330 Resp: 301566
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.1 117.1
 141 31.6 23.9 35.9

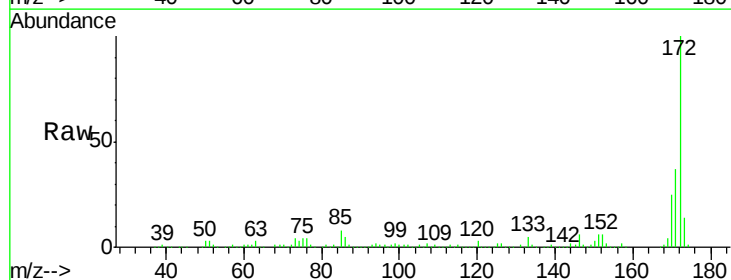


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

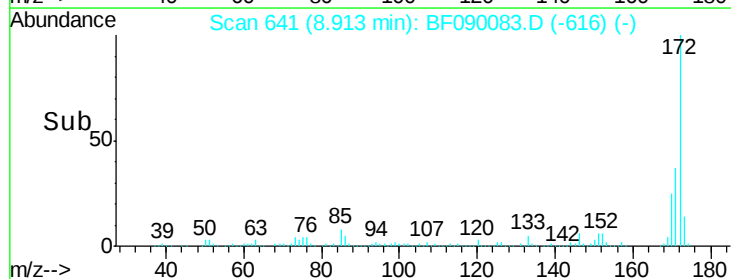
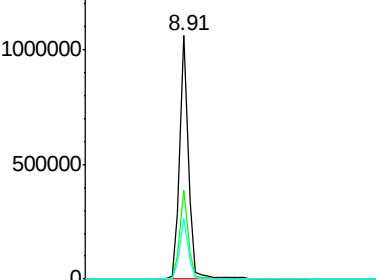


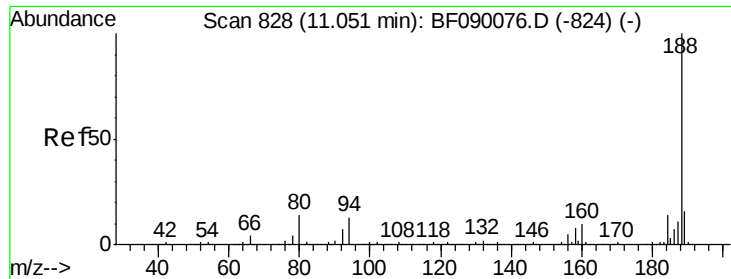
#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion:172 Resp: 1257774
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 24.9 19.8 29.8



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

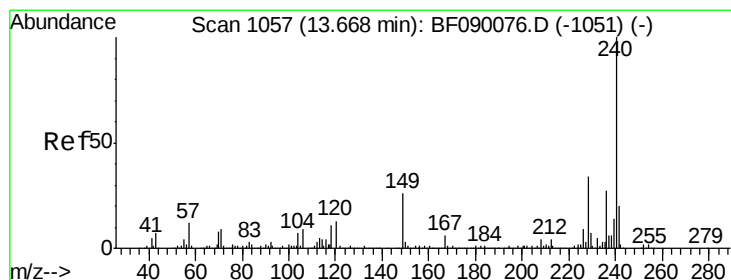
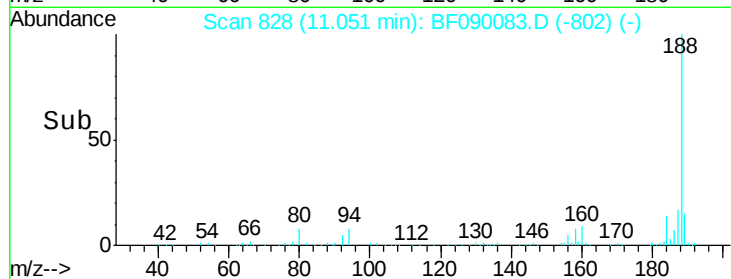
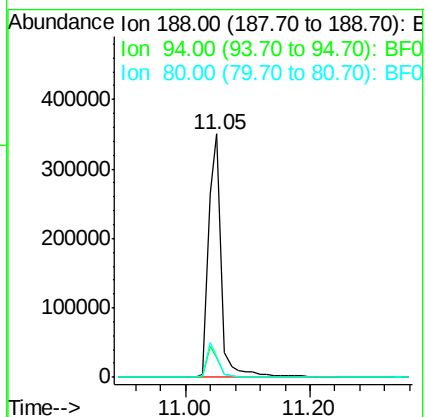
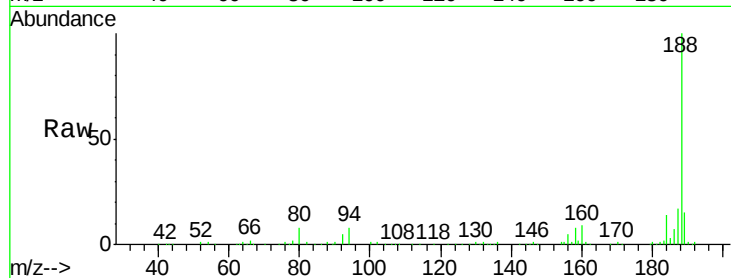




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

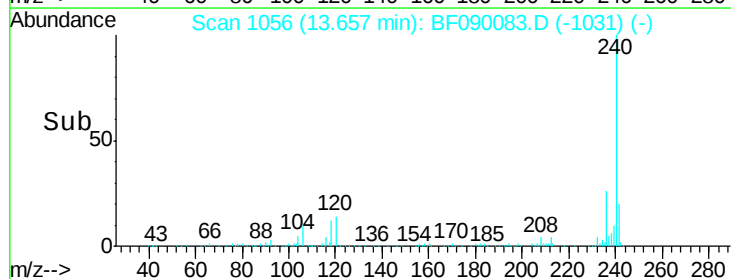
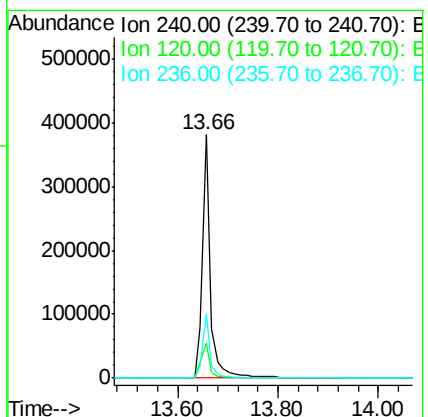
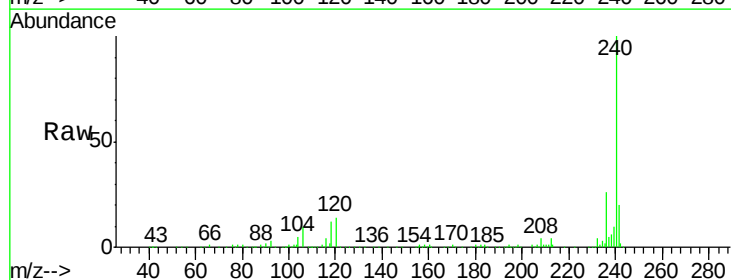
Instrument :
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PB93355BL

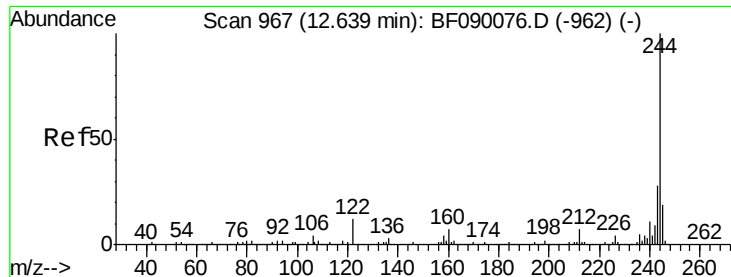
Tgt Ion:188 Resp: 494187
Ion Ratio Lower Upper
188 100
94 8.2 10.5 15.7#
80 8.3 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

Tgt Ion:240 Resp: 428134
Ion Ratio Lower Upper
240 100
120 14.2 10.6 16.0
236 26.5 21.6 32.4

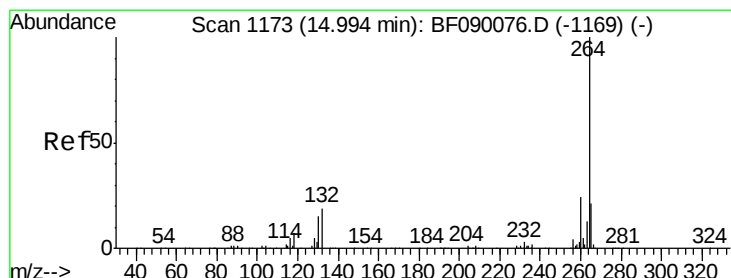
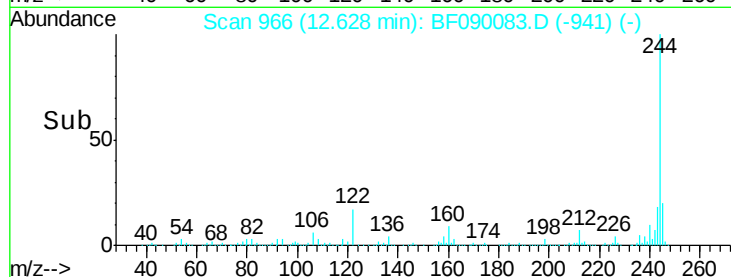
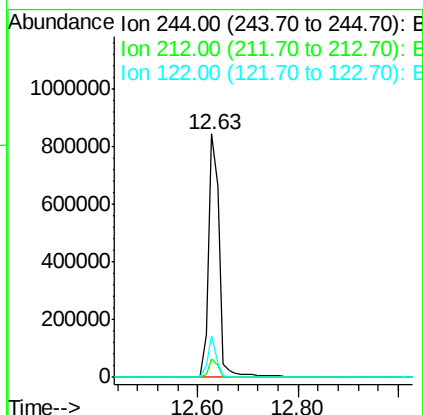
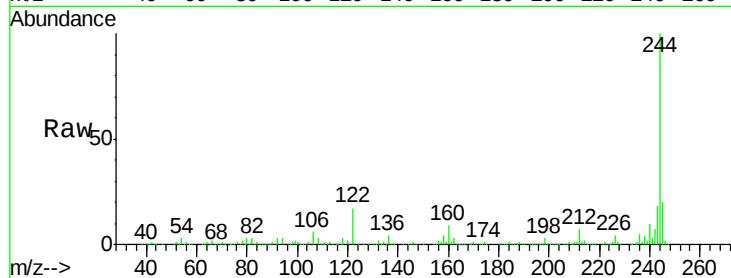




#78
 Terphenyl-d14
 Concen: 69.22 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Instrument :
 BNA_F
 ClientSampled :
 PB93355BL

Tgt Ion:244 Resp: 1247988
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 16.9 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion:264 Resp: 299792
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.7 17.0 25.4

