

Data Path : Z:\HPCHEM1\BNA F\Data\BF102116\
 Data File : BF090782.D
 Acq On : 23 Oct 2016 00:16
 Operator : UM/SJ
 Sample : H5367-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

Quant Time: Oct 24 03:39:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.852	152	245445	20.00	ng	-0.01
21) Naphthalene-d8	8.143	136	1000140	20.00	ng	0.00
38) Acenaphthene-d10	9.892	164	541658	20.00	ng	-0.01
63) Phenanthrene-d10	11.378	188	849570	20.00	ng	-0.01
75) Chrysene-d12	14.018	240	508549	20.00	ng	0.00
86) Perylene-d12	15.447	264	374412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.480	112	1473414	96.81	ng	0.02
7) Phenol-d6	6.497	99	1868138	90.62	ng	0.00
23) Nitrobenzene-d5	7.412	82	1048663	57.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.681	330	401399	93.63	ng	-0.01
44) 2-Fluorobiphenyl	9.218	172	2120785	60.78	ng	-0.01
78) Terphenyl-d14	12.966	244	1836971	82.79	ng	0.00

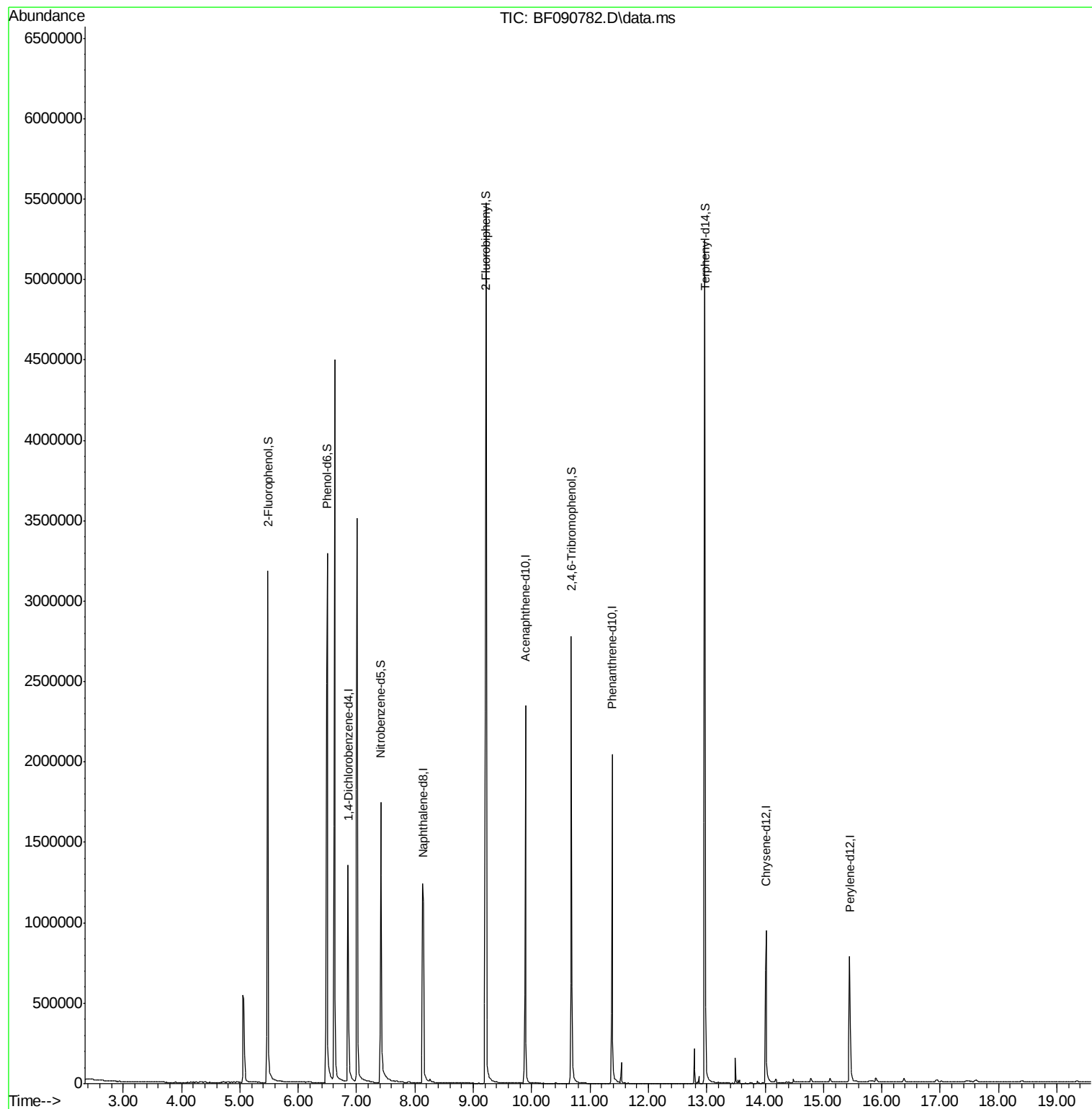
Target Compounds Qvalue

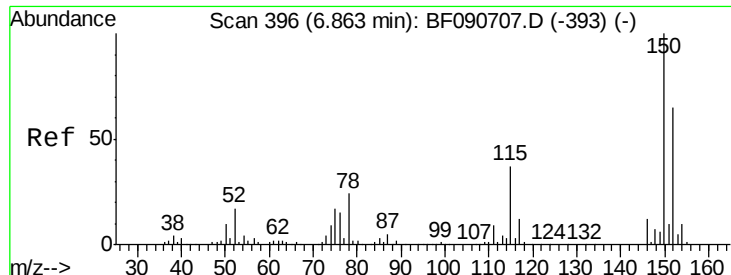
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.852 min Scan# 39

Delta R.T. -0.011 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Instrument :

BNA_F

ClientSampleId :

FB-101916

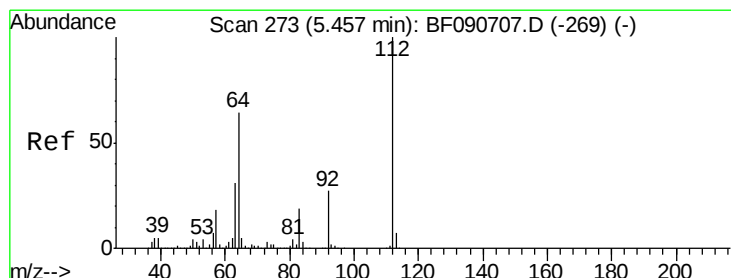
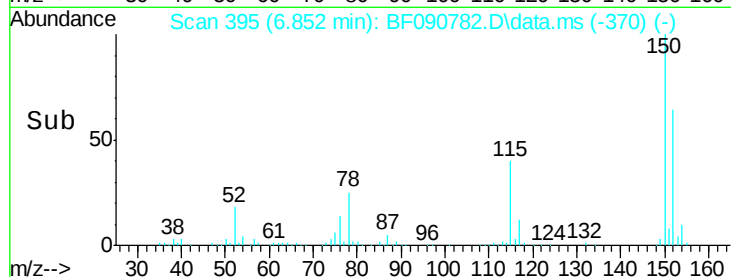
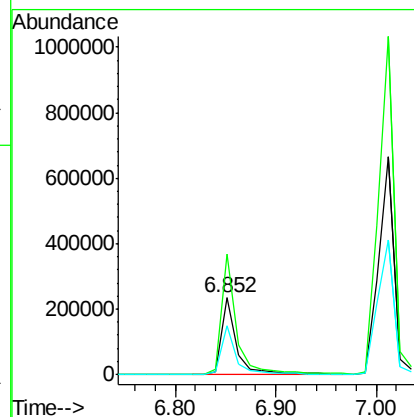
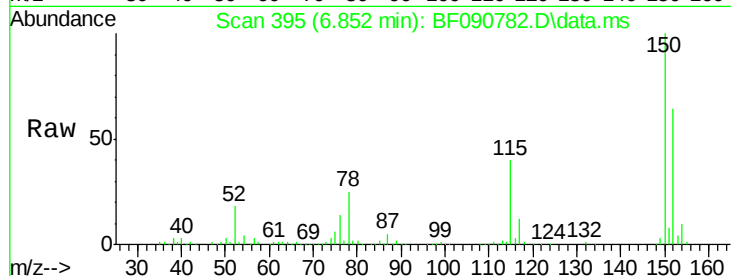
Tot Ion:152 Resp: 245445

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

115 63.1 39.0 58.4#



#5

2-Fluorophenol

Concen: 96.81 ng

RT: 5.480 min Scan# 275

Delta R.T. 0.023 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

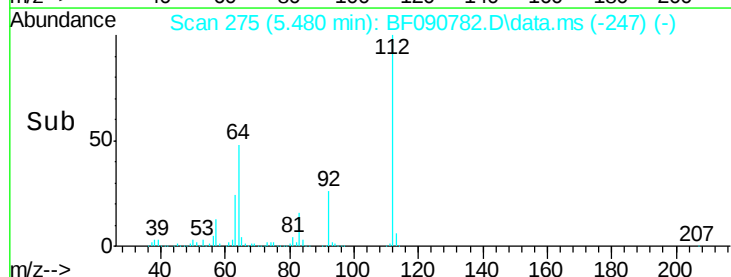
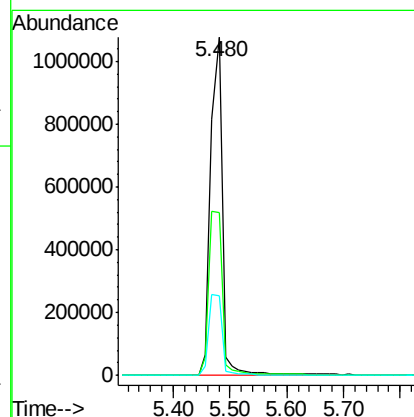
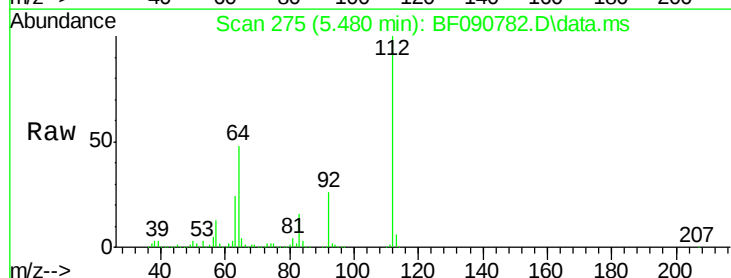
Tgt Ion:112 Resp: 1473414

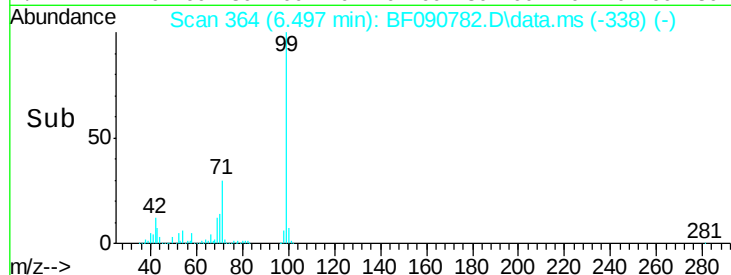
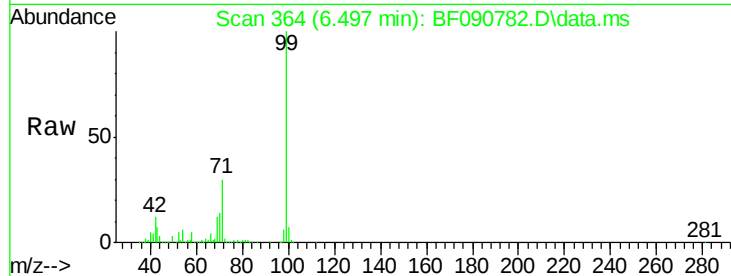
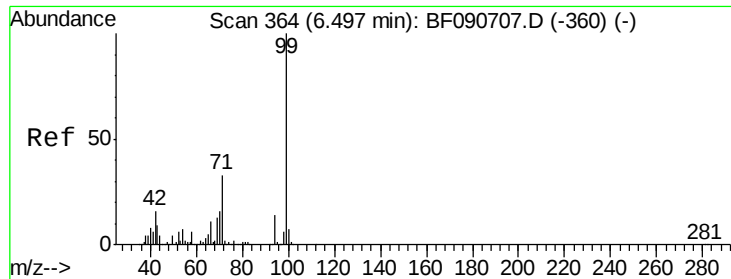
Ion Ratio Lower Upper

112 100

64 48.1 39.7 59.5

63 23.7 17.4 26.0





#7

Phenol-d6

Concen: 90.62 ng

RT: 6.497 min Scan# 36

Delta R.T. 0.000 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Instrument :

BNA_F

ClientSampleId :

FB-101916

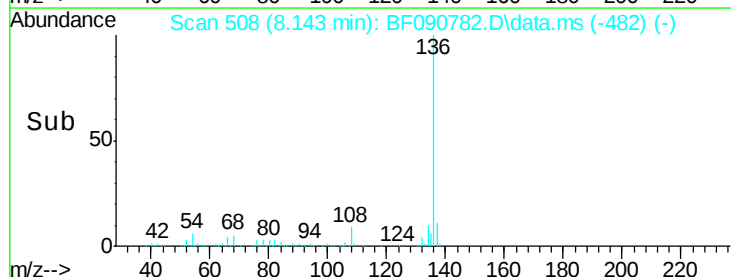
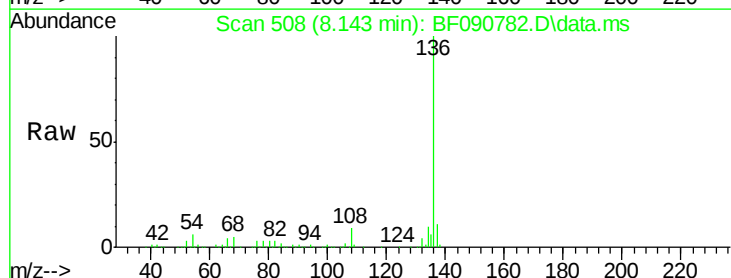
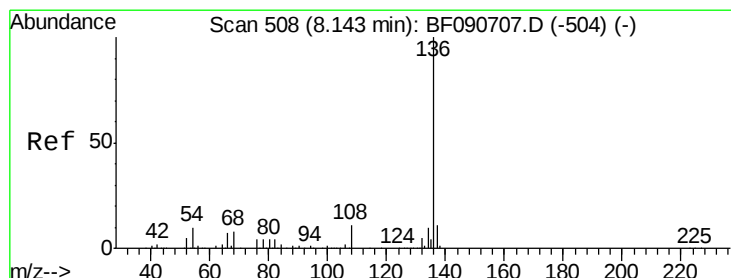
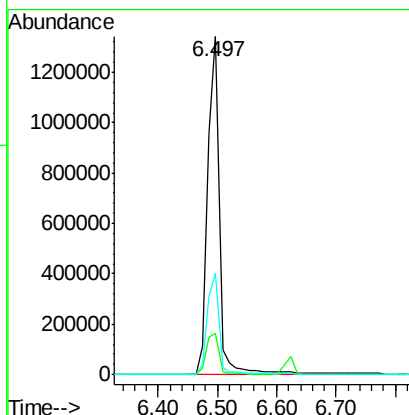
Tot Ion: 99 Resp: 1868138

Ion Ratio Lower Upper

99 100

42 12.3 13.7 20.5#

71 29.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.143 min Scan# 508

Delta R.T. 0.000 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Tgt Ion: 136 Resp: 1000140

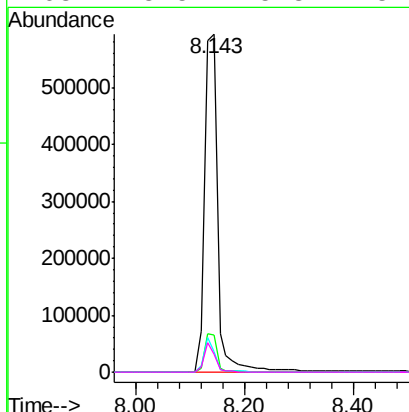
Ion Ratio Lower Upper

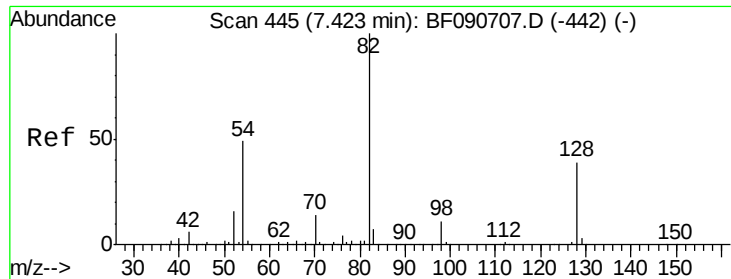
136 100

137 11.0 9.0 13.6

54 6.1 8.2 12.2#

68 5.5 5.8 8.6#

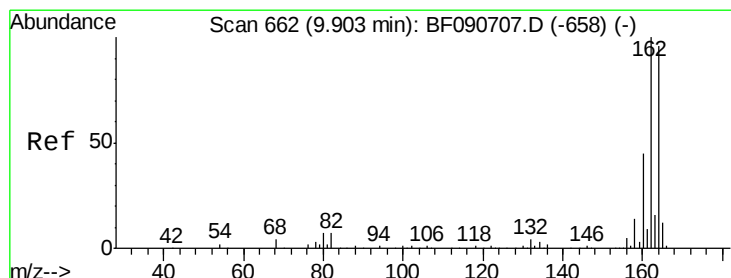
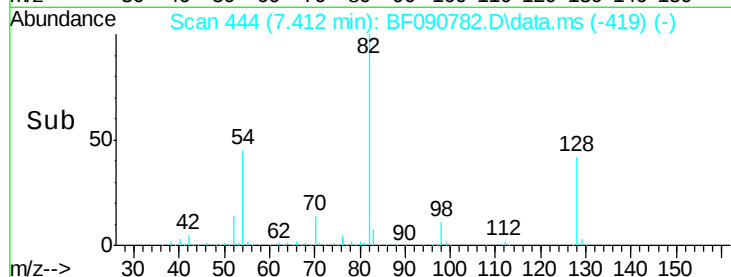
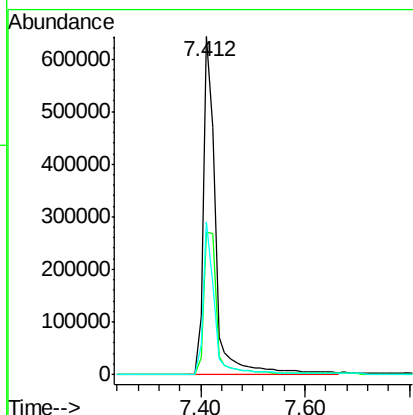
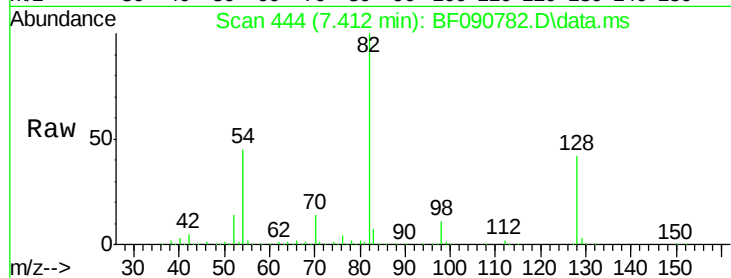




#23
Nitrobenzene-d5
Concen: 57.51 ng
RT: 7.412 min Scan# 44
Delta R.T. -0.011 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

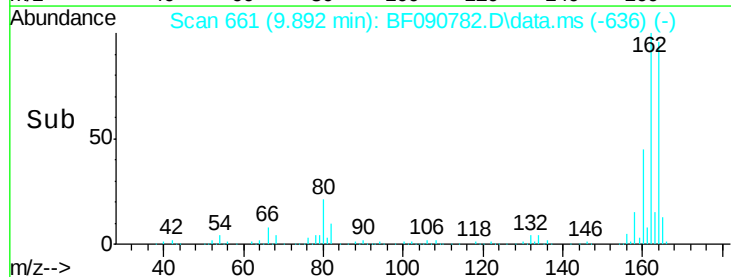
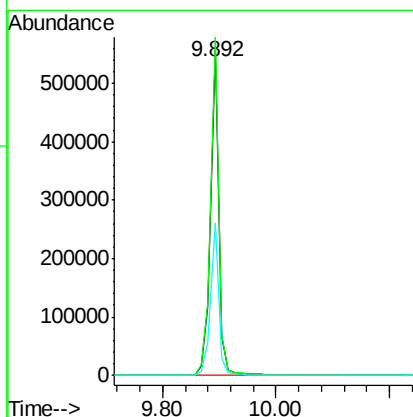
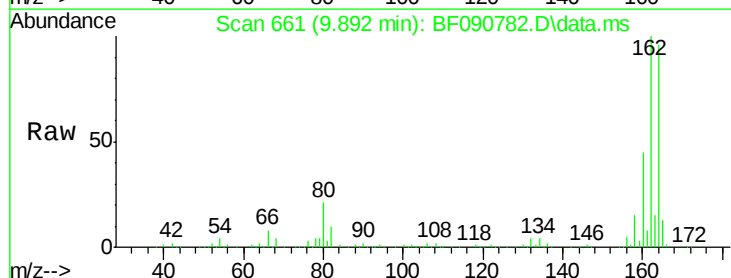
Instrument :
BNA_F
ClientSampleId :
FB-101916

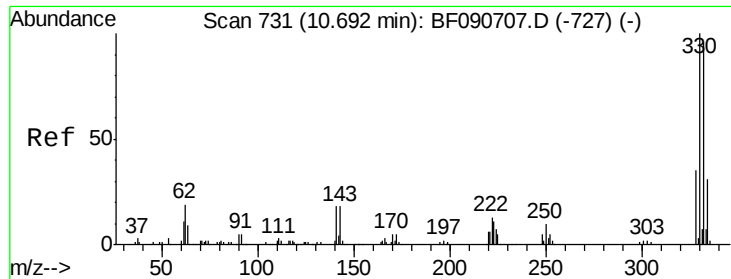
Tot Ion: 82 Resp: 1048663
Ion Ratio Lower Upper
82 100
128 42.2 51.0 76.6#
54 45.0 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 661
Delta R.T. -0.011 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

Tgt Ion:164 Resp: 541658
Ion Ratio Lower Upper
164 100
162 103.8 75.2 112.8
160 46.7 31.5 47.3

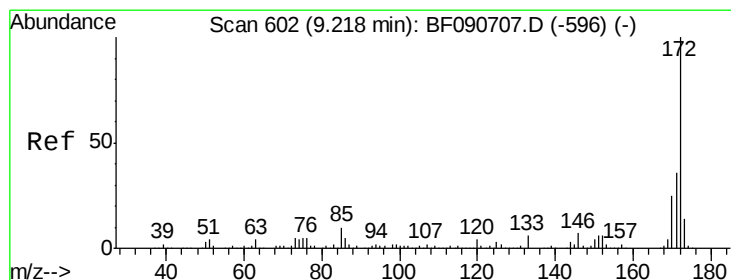
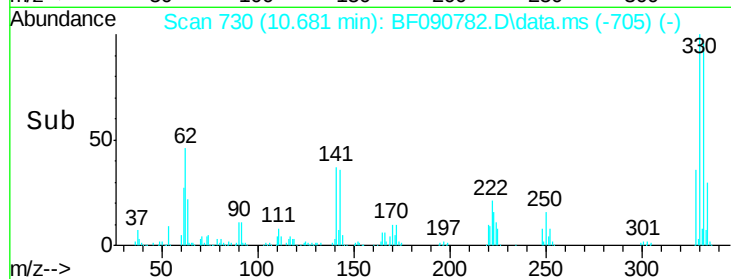
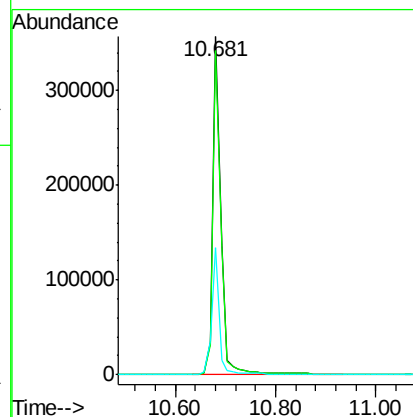
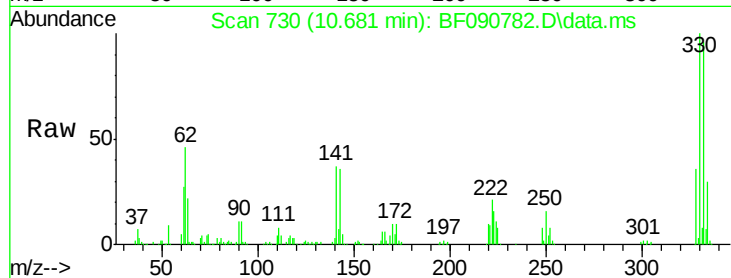




#41
 2,4,6-Tribromophenol
 Concen: 93.63 ng
 RT: 10.681 min Scan# 731
 Delta R.T. -0.010 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

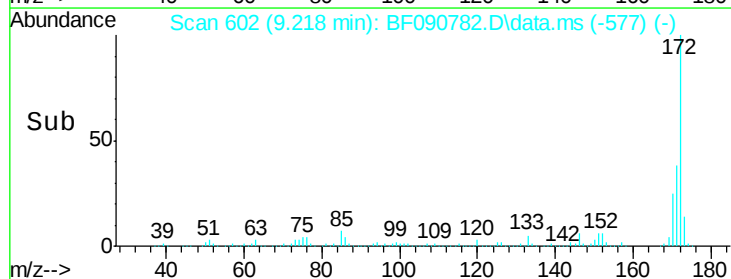
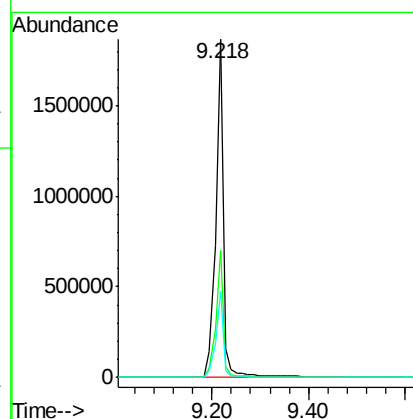
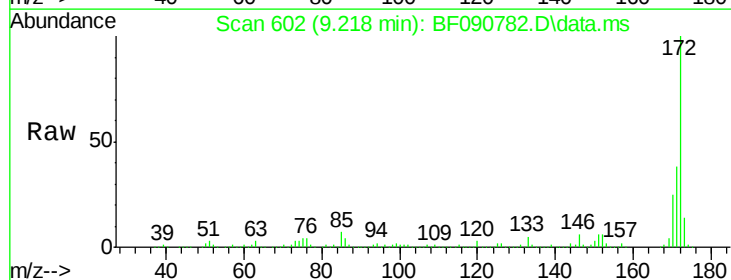
Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

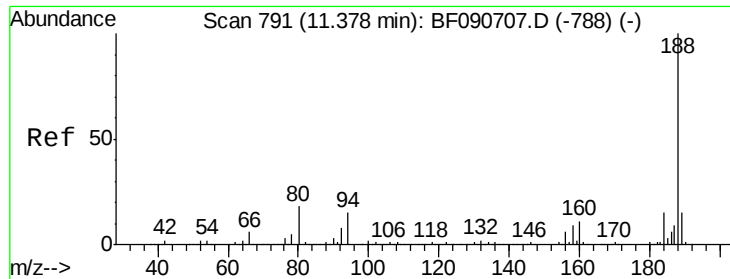
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	34.6	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 60.78 ng
 RT: 9.218 min Scan# 602
 Delta R.T. -0.010 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.2	17.4	26.2

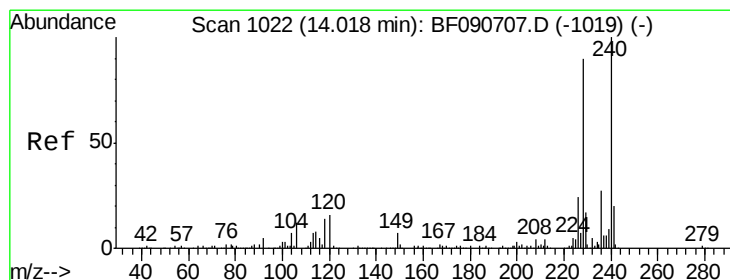
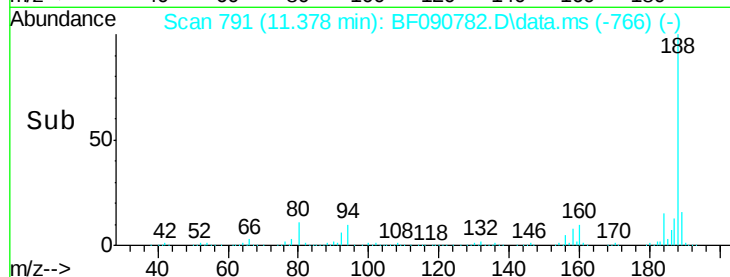
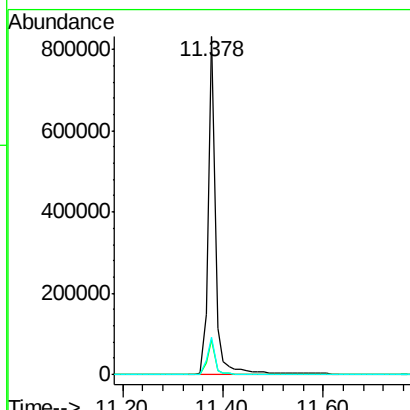
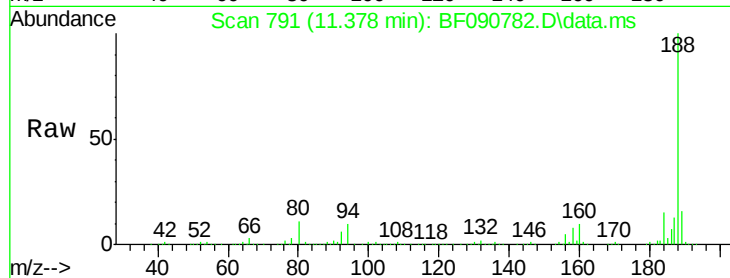




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.378 min Scan# 791
 Delta R.T. -0.011 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

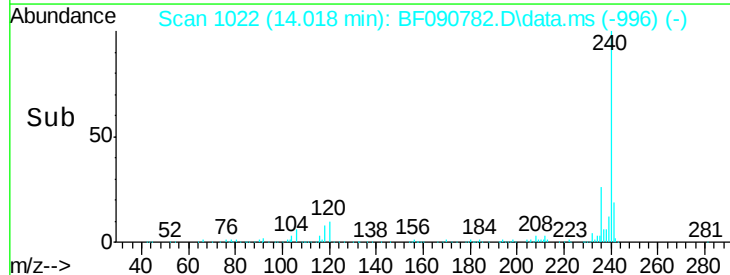
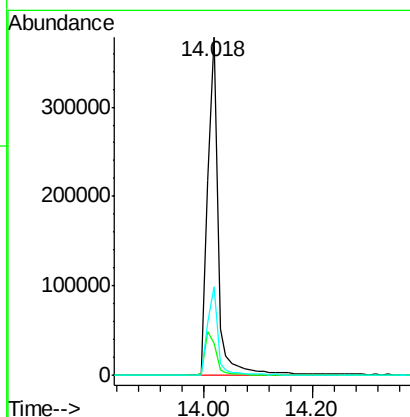
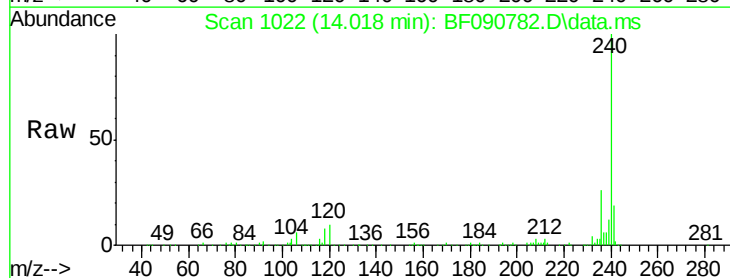
Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

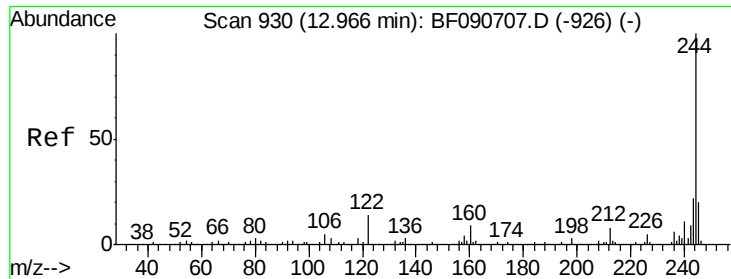
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	11.1	16.7#
80	11.0	11.0	16.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.018 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	16.2	24.2#
236	26.2	18.4	27.6





#78

Terphenyl-d14

Concen: 82.79 ng

RT: 12.966 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Instrument :

BNA_F

ClientSampleId :

FB-101916

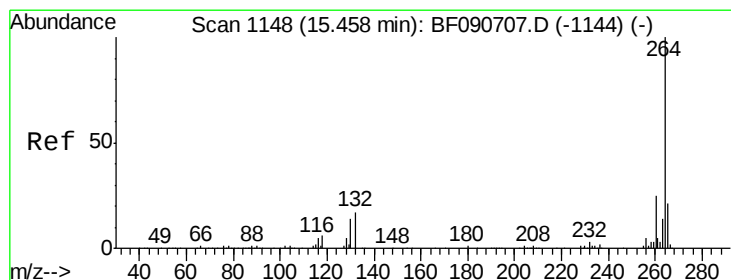
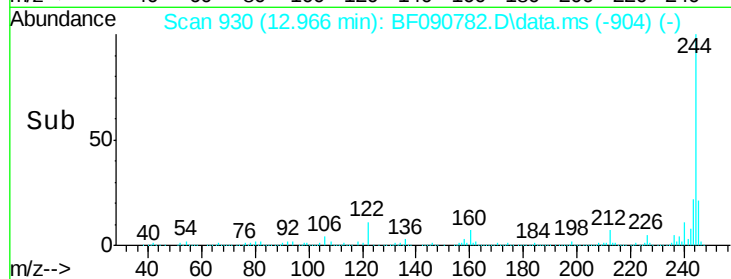
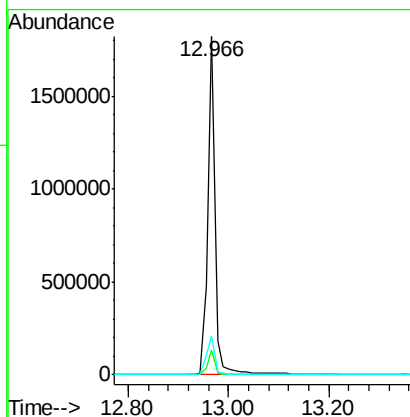
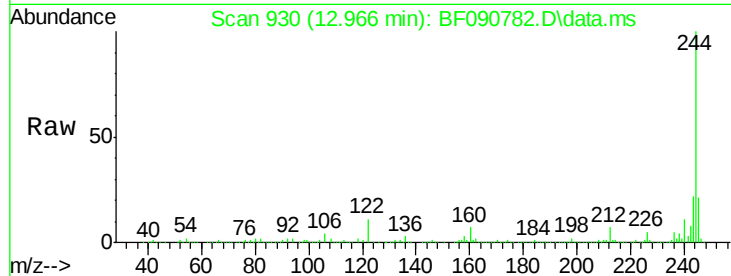
Tot Ion:244 Resp: 1836971

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

122 11.4 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.447 min Scan# 1147

Delta R.T. -0.011 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Tgt Ion:264 Resp: 374412

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 21.3 17.2 25.8

