

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090538.D
 Acq On : 12 Oct 2016 16:32
 Operator : UM/SJ
 Sample : H5158-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 17:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.943	152	204328	20.00	ng	-0.01
21) Naphthalene-d8	8.235	136	875828	20.00	ng	-0.01
38) Acenaphthene-d10	9.995	164	454782	20.00	ng	-0.01
63) Phenanthrene-d10	11.481	188	754839	20.00	ng	0.00
75) Chrysene-d12	14.121	240	525141	20.00	ng	-0.01
86) Perylene-d12	15.595	264	390954	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	721696	54.95	ng	0.00
7) Phenol-d6	6.589	99	681085	41.09	ng	0.00
23) Nitrobenzene-d5	7.515	82	1233179	76.37	ng	0.00
41) 2,4,6-Tribromophenol	10.783	330	532661	118.16	ng	-0.01
44) 2-Fluorobiphenyl	9.309	172	2168500	80.13	ng	-0.01
78) Terphenyl-d14	13.069	244	1872732	87.15	ng	-0.01

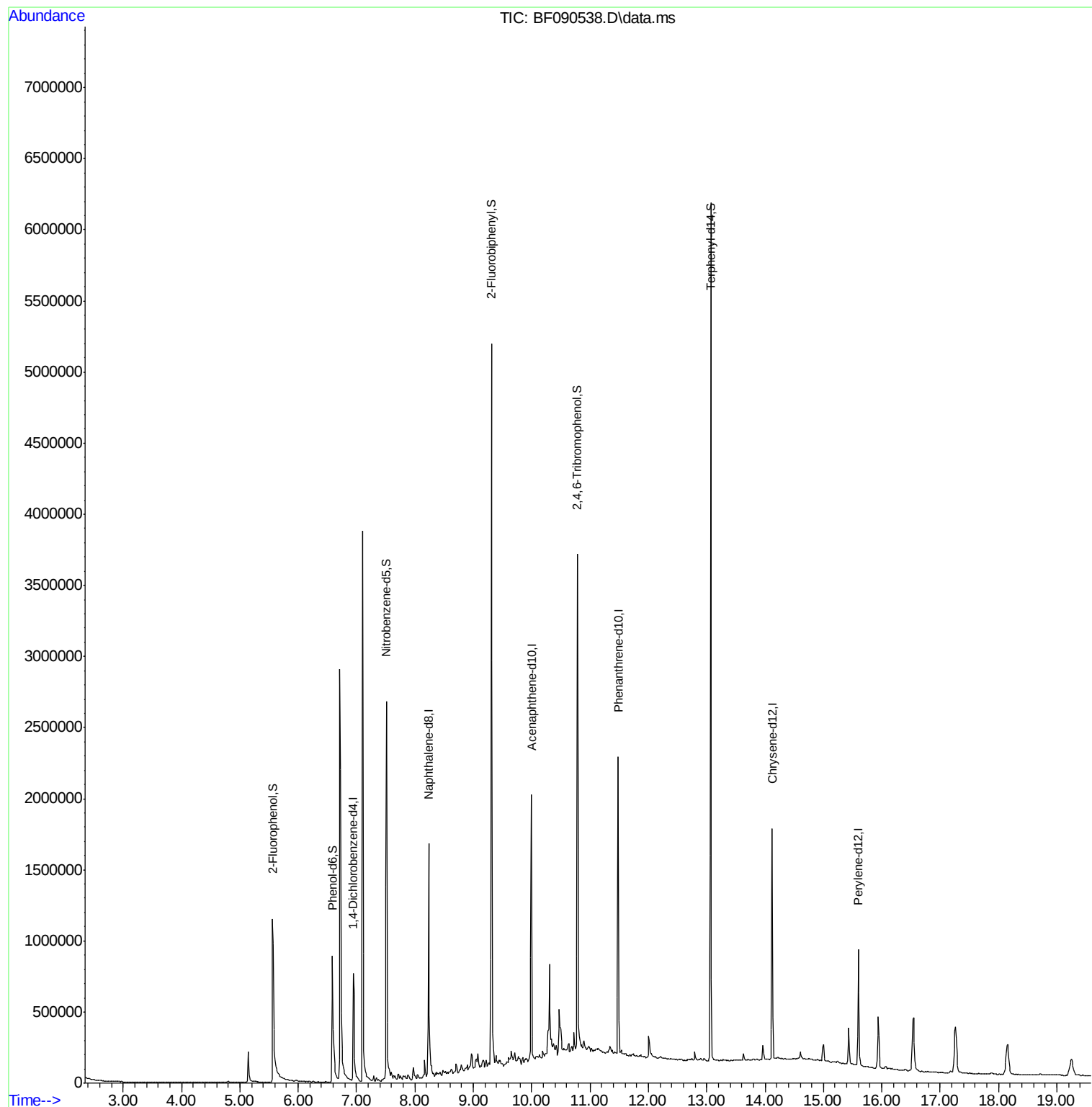
Target Compounds Qvalue

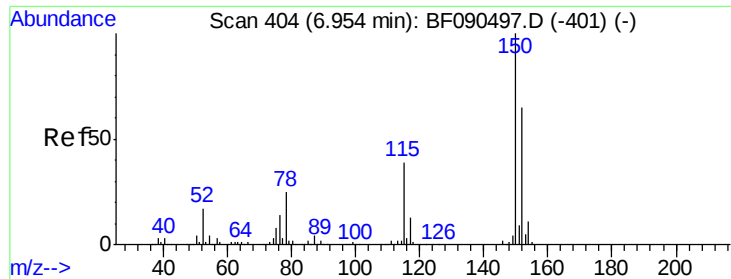
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.943 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

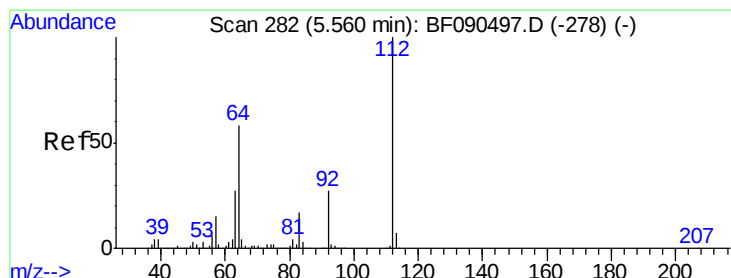
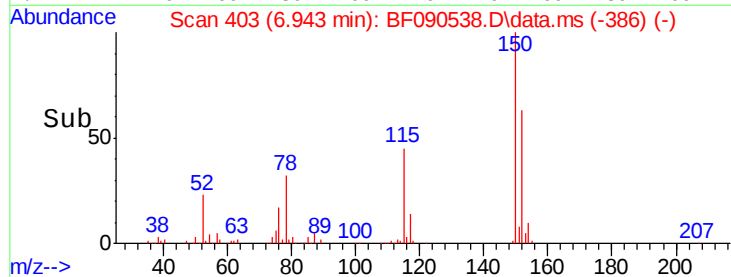
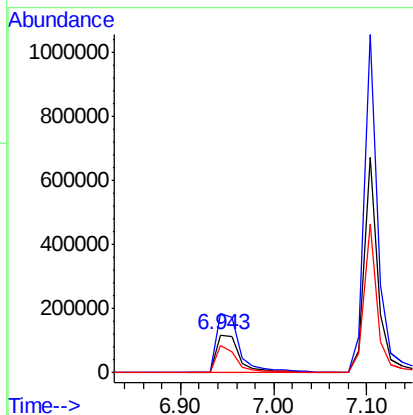
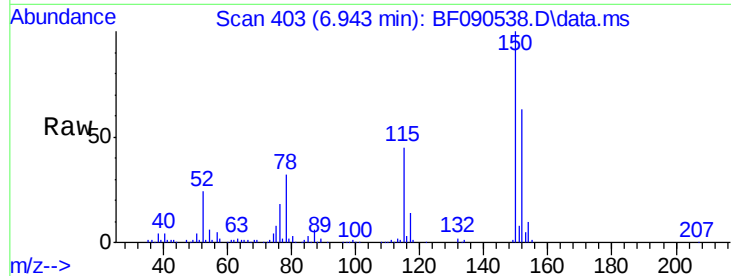
Tot Ion:152 Resp: 204328

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

115 72.0 46.2 69.4#



#5

2-Fluorophenol

Concen: 54.95 ng

RT: 5.560 min Scan# 282

Delta R.T. 0.001 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

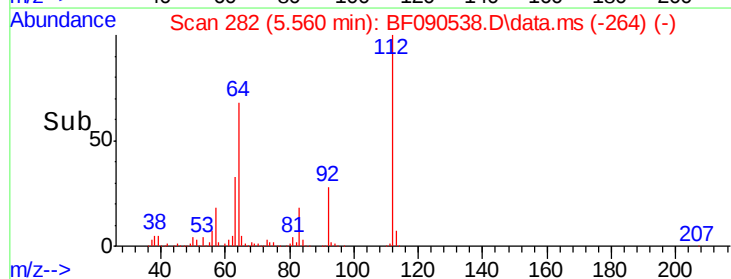
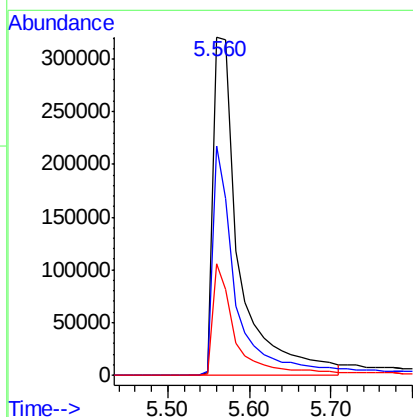
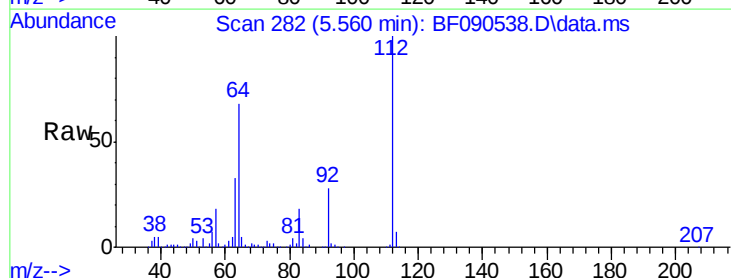
Tgt Ion:112 Resp: 721696

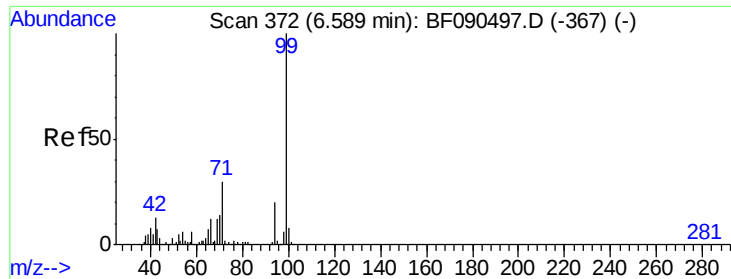
Ion Ratio Lower Upper

112 100

64 67.9 57.9 86.9

63 33.1 29.6 44.4





#7

Phenol-d6

Concen: 41.09 ng

RT: 6.589 min Scan# 37

Delta R.T. 0.000 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

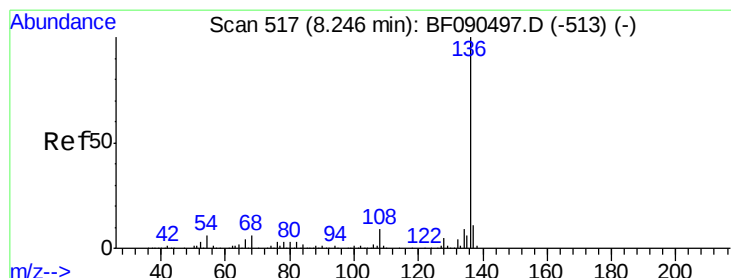
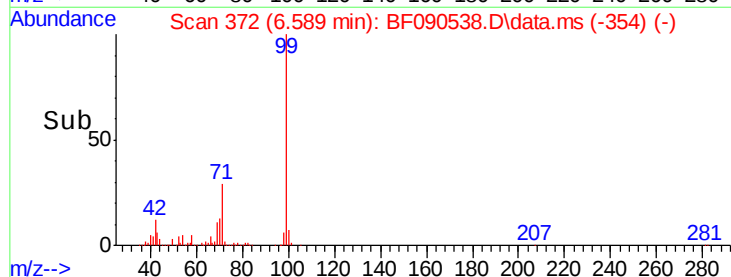
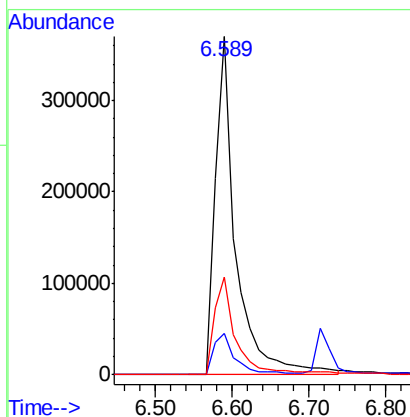
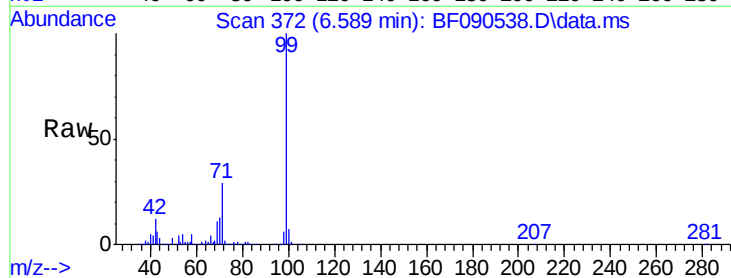
Tot Ion: 99 Resp: 681085

Ion Ratio Lower Upper

99 100

42 12.0 20.0 30.0#

71 28.6 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.235 min Scan# 516

Delta R.T. -0.011 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Tgt Ion: 136 Resp: 875828

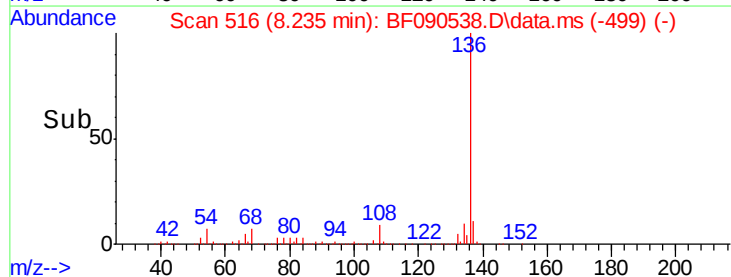
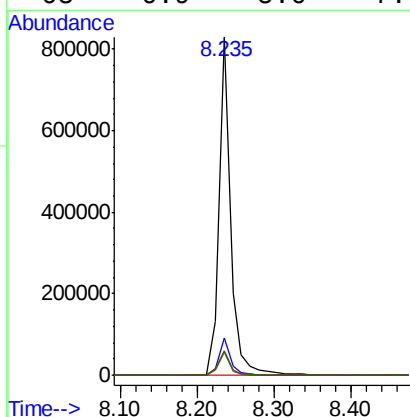
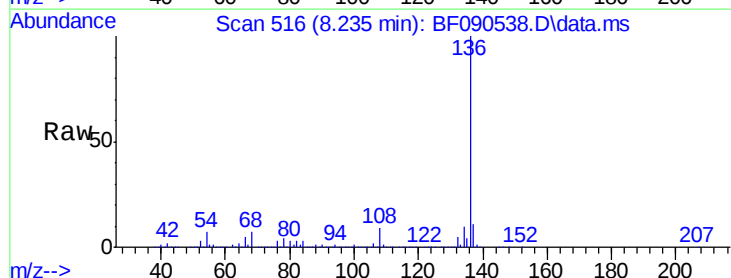
Ion Ratio Lower Upper

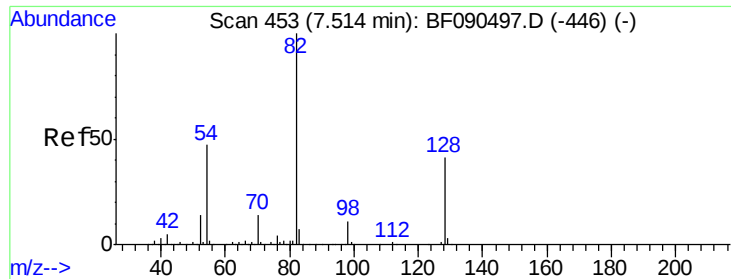
136 100

137 11.1 9.0 13.6

54 7.1 6.6 10.0

68 6.9 5.0 7.6

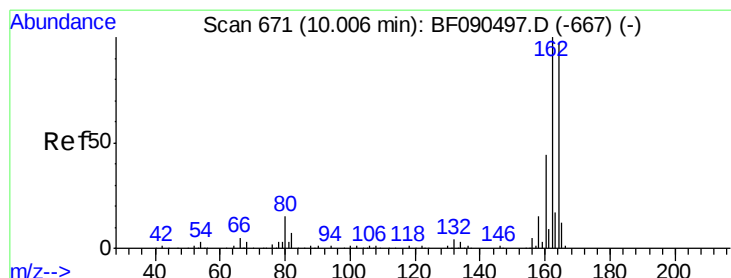
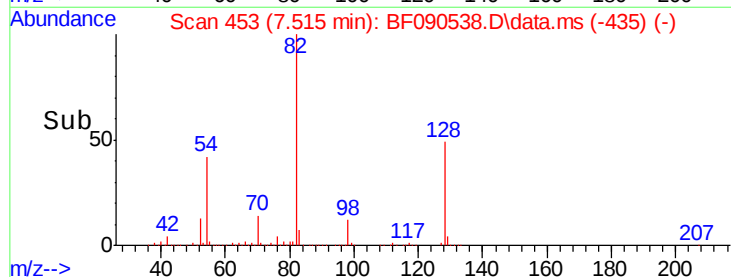
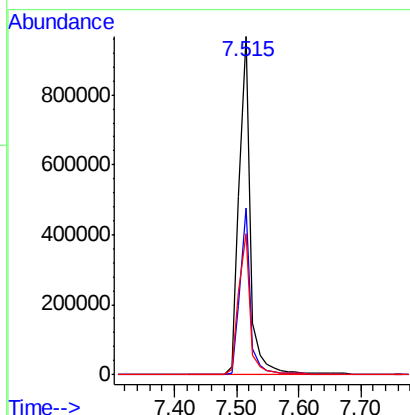
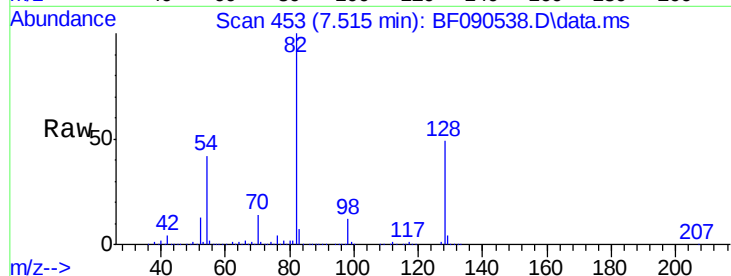




#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 7.515 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

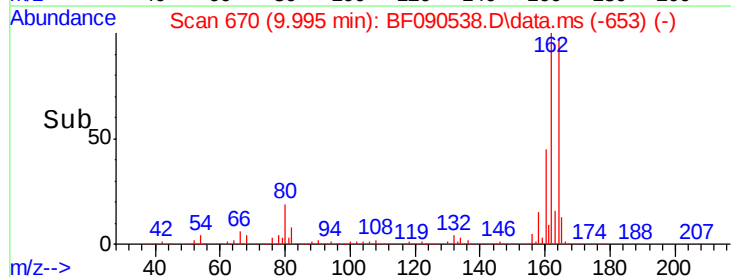
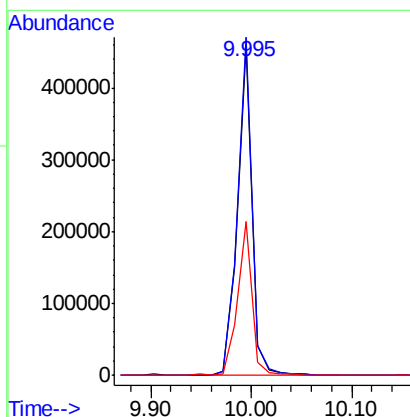
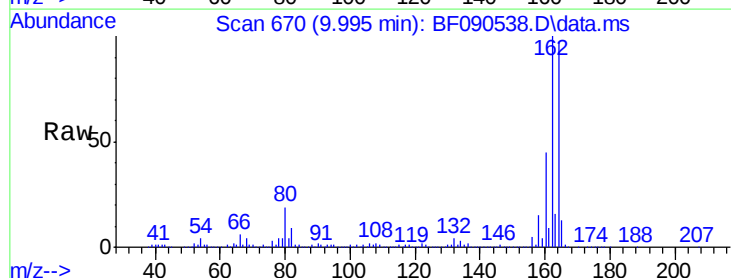
Instrument :
 BNA_F
 ClientSampleId :

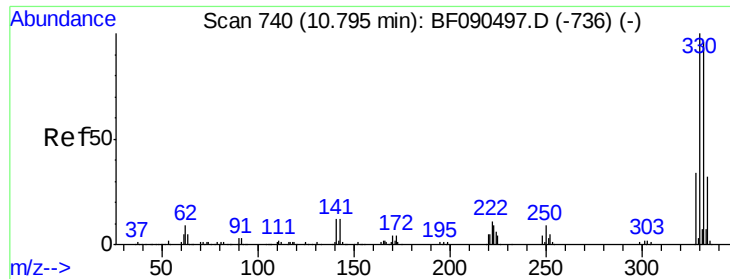
Tot Ion	82	Resp	1233179
Ion Ratio	100	Lower	Upper
128	49.2	40.0	60.0
54	41.7	42.6	64.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.995 min Scan# 670
 Delta R.T. -0.011 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

Tgt Ion	164	Resp	454782
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.7	80.1	120.1
160	46.6	36.3	54.5

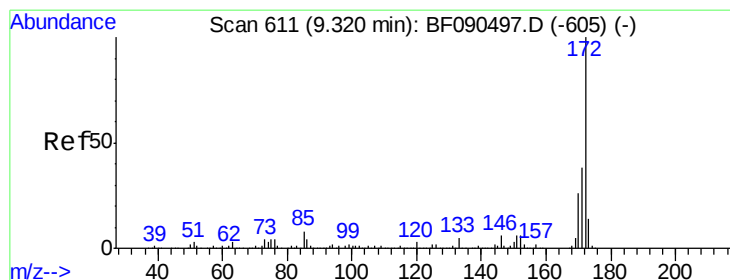
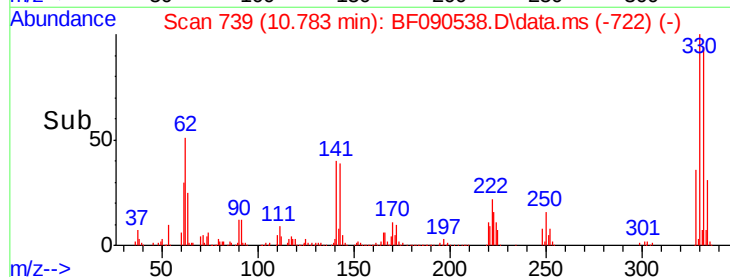
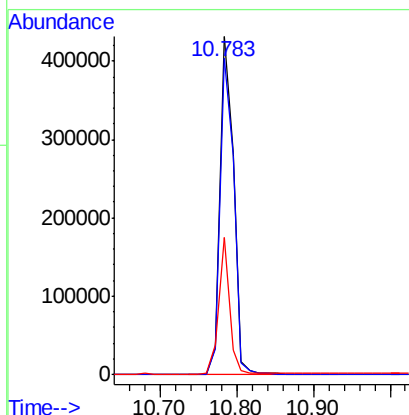
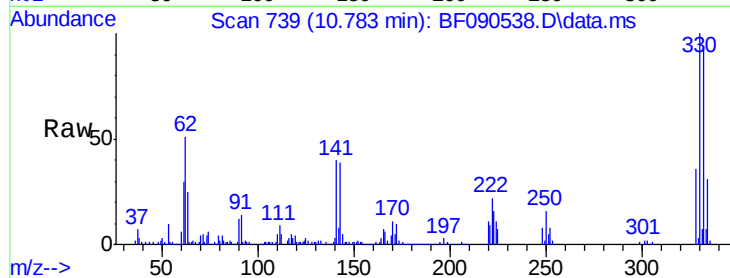




#41
 2,4,6-Tribromophenol
 Concen: 118.16 ng
 RT: 10.783 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

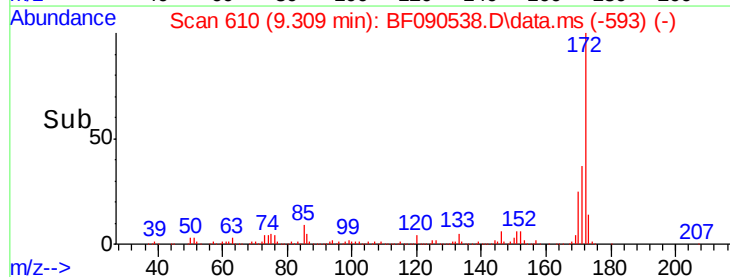
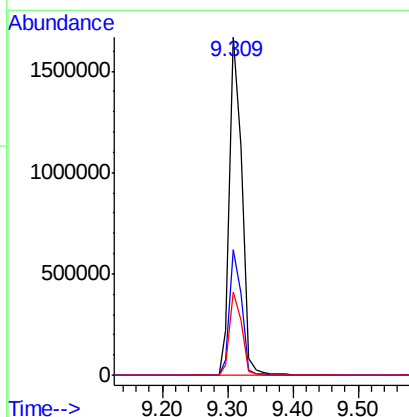
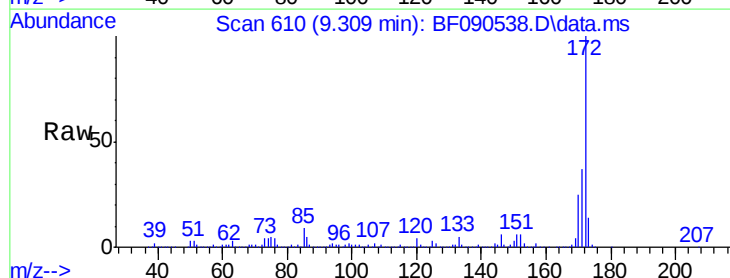
Instrument :
 BNA_F
 ClientSampleId :

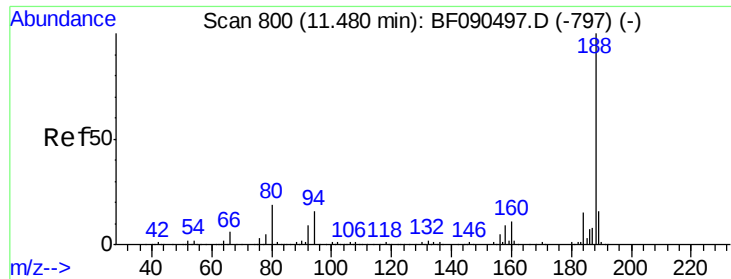
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	32.4	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 9.309 min Scan# 610
 Delta R.T. -0.011 min
 Lab File: BF090538.D
 Acq: 12 Oct 2016 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	24.7	21.7	32.5

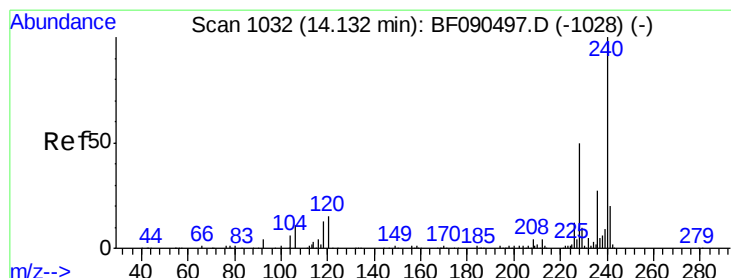
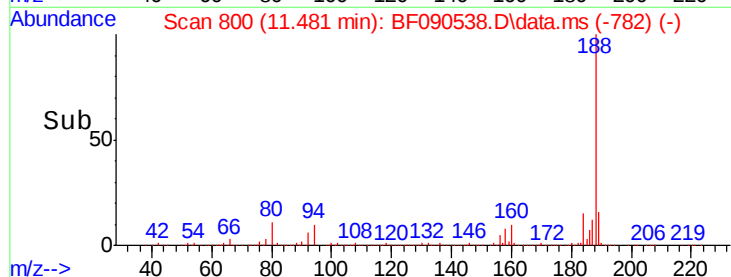
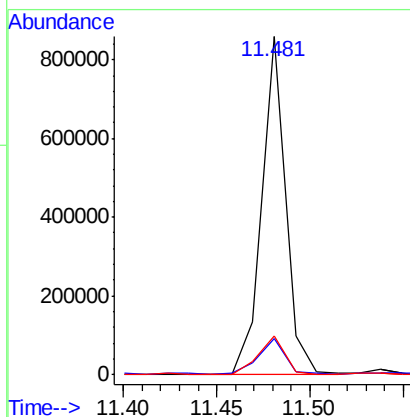
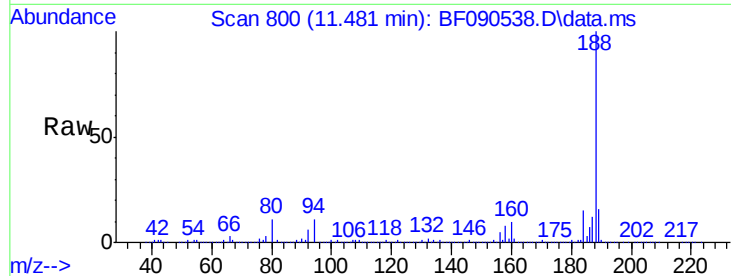




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.481 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF090538.D
Acq: 12 Oct 2016 16:32

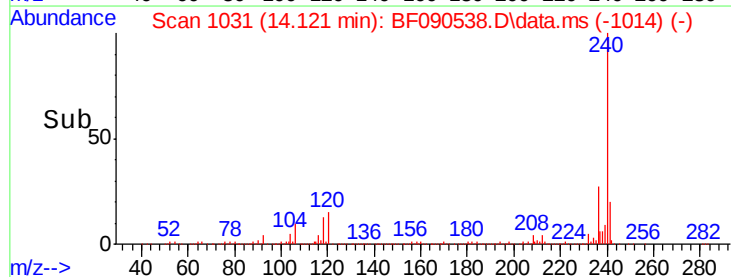
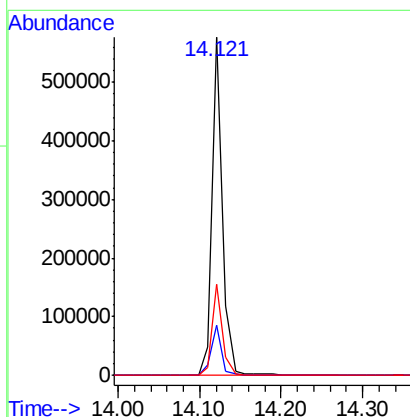
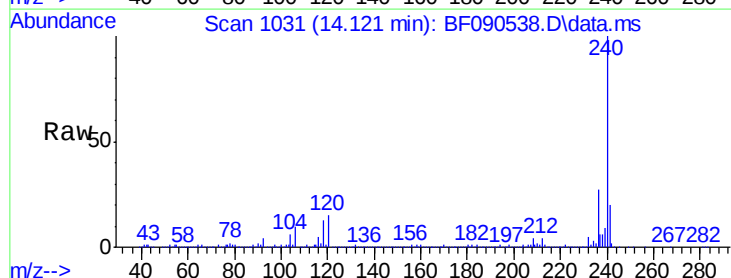
Instrument :
BNA_F
ClientSampleId :

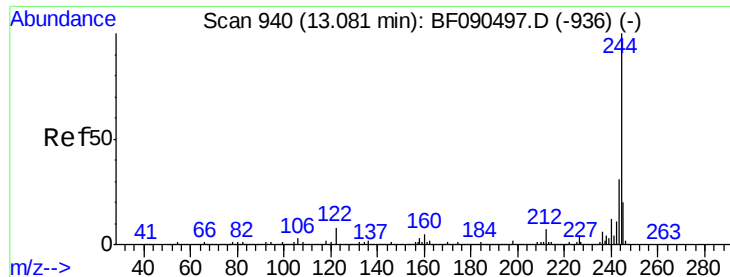
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	11.4	8.8	13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.121 min Scan# 1031
Delta R.T. -0.011 min
Lab File: BF090538.D
Acq: 12 Oct 2016 16:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.6	13.0#
236	27.1	21.6	32.4





#78

Terphenyl-d14

Concen: 87.15 ng

RT: 13.069 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

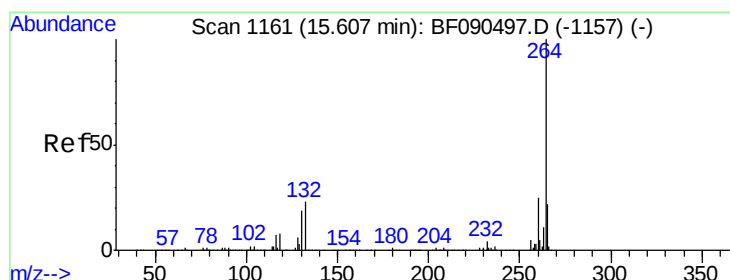
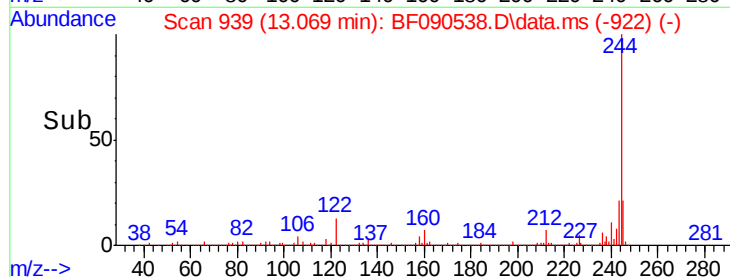
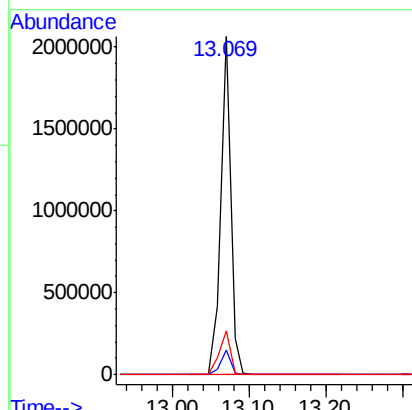
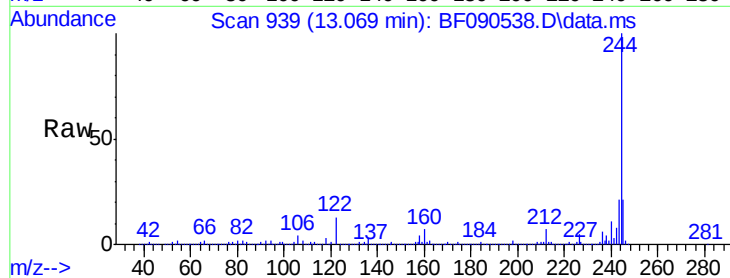
Tot Ion:244 Resp: 1872732

Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

122 12.8 13.3 19.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.595 min Scan# 1160

Delta R.T. -0.011 min

Lab File: BF090538.D

Acq: 12 Oct 2016 16:32

Tgt Ion:264 Resp: 390954

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.3 17.4 26.0

