

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088279.D
 Acq On : 23 Jun 2016 6:59
 Operator : UM/SJ
 Sample : H3065-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 07:25:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

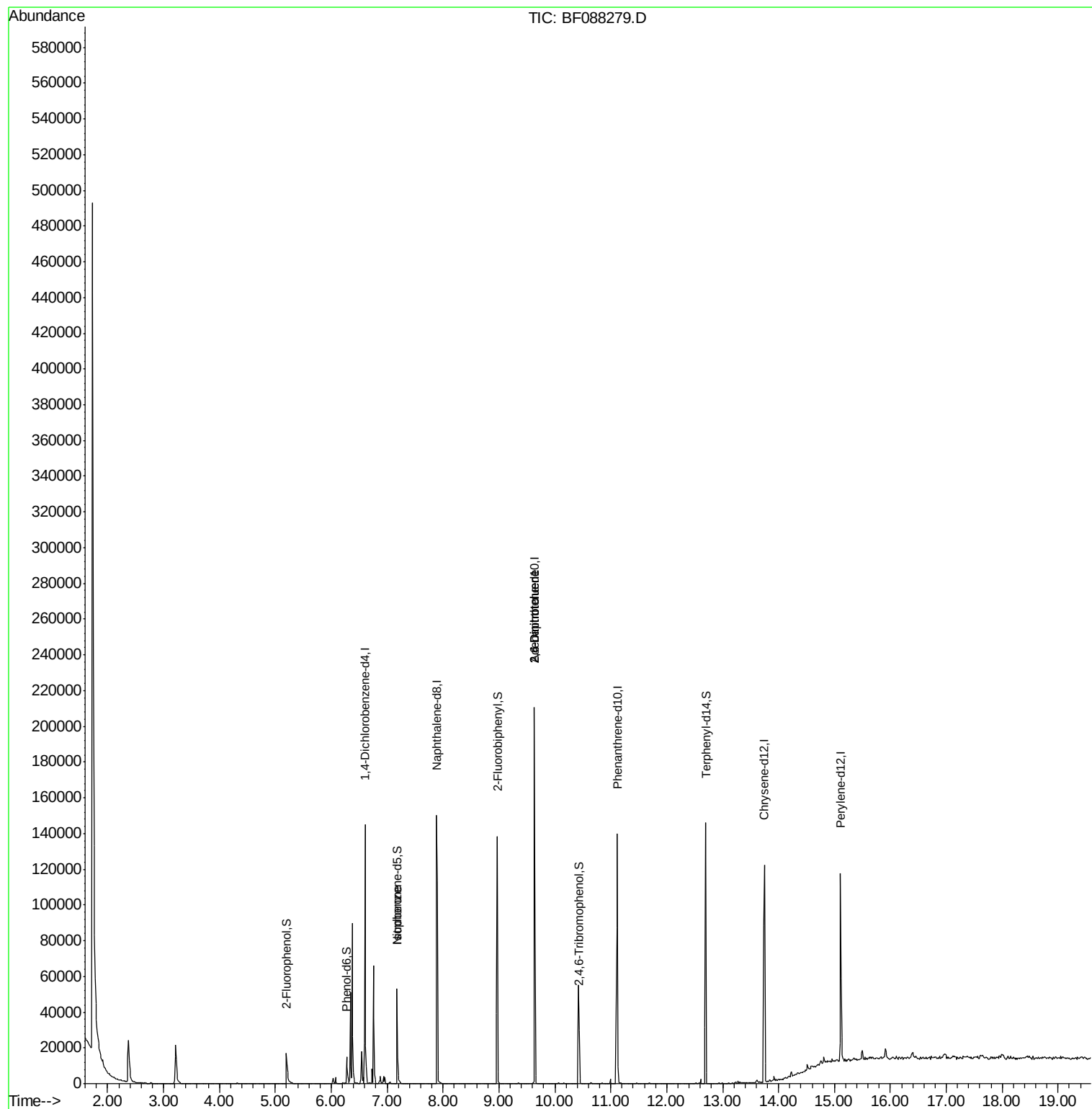
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	25337	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	102362	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	46287	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	69403	20.00	ng	0.00
75) Chrysene-d12	13.75	240	57580	20.00	ng	0.00
86) Perylene-d12	15.11	264	44659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	12606	8.51	ng	0.02
7) Phenol-d6	6.27	99	9949	5.54	ng	0.01
23) Nitrobenzene-d5	7.18	82	21132	12.06	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	8417	17.22	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	50781	12.51	ng	0.00
78) Terphenyl-d14	12.70	244	48779	19.28	ng	0.00
Target Compounds						
25) Isophorone	7.18	82	21132	6.51	ng	# 65
50) 2,6-Dinitrotoluene	9.63	165	5873	7.65	ng	# 37
56) 2,4-Dinitrotoluene	9.63	165	5873	5.95	ng	# 36
57) Fluorene	10.42	166	348	Below Cal		# 91

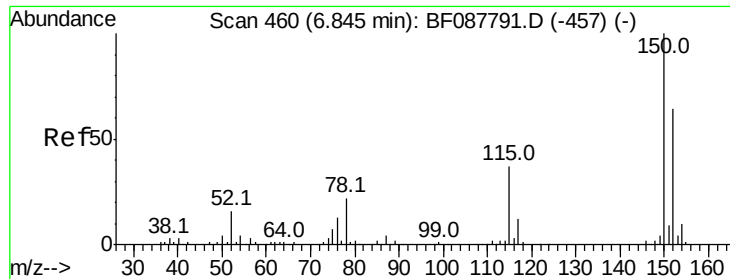
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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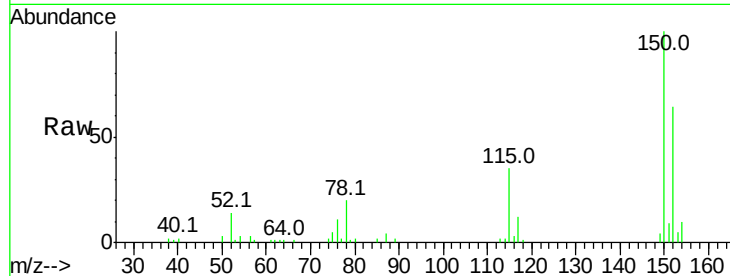


#1

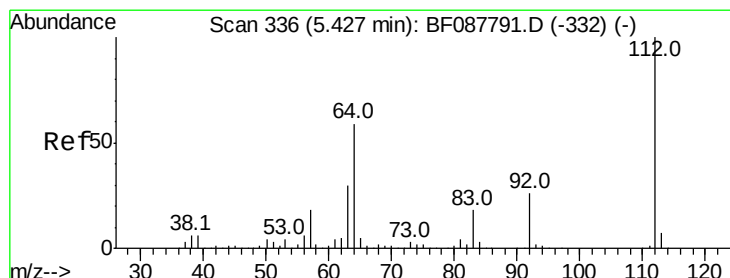
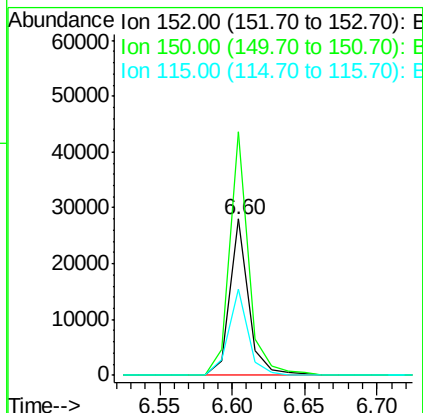
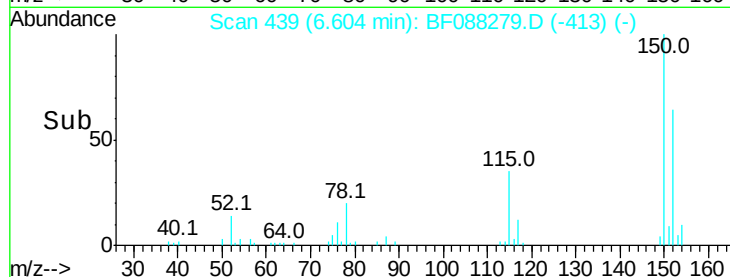
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 25337
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 54.9 39.6 59.4



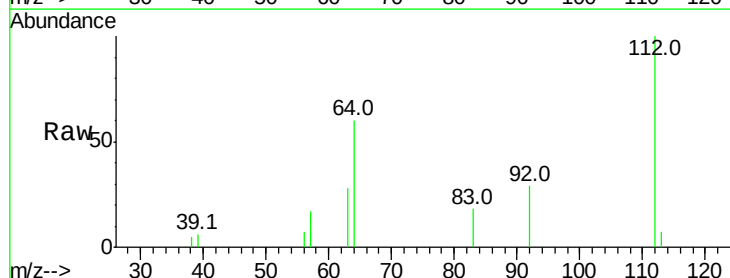
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



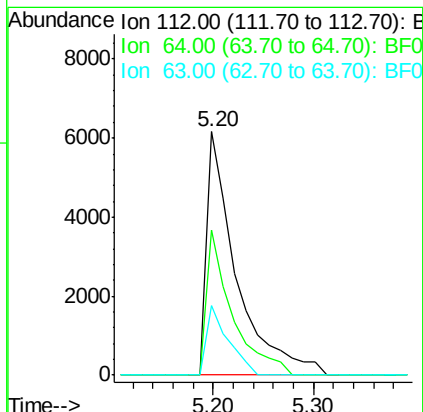
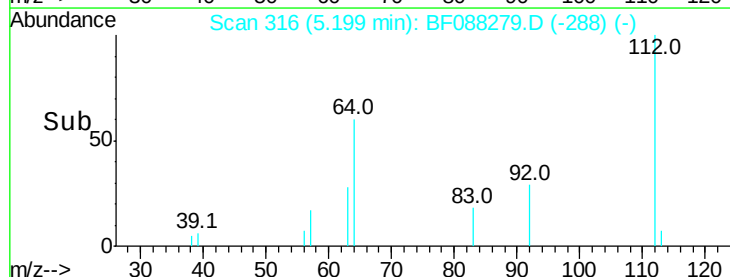
#5

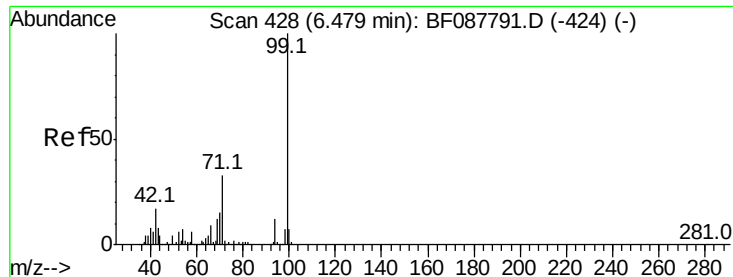
2-Fluorophenol
Concen: 8.51 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Tgt Ion:112 Resp: 12606
Ion Ratio Lower Upper
112 100
64 59.6 42.2 63.2
63 28.4 21.8 32.8



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: 5.54 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

Instrument :

BNA_F

ClientSampleId :

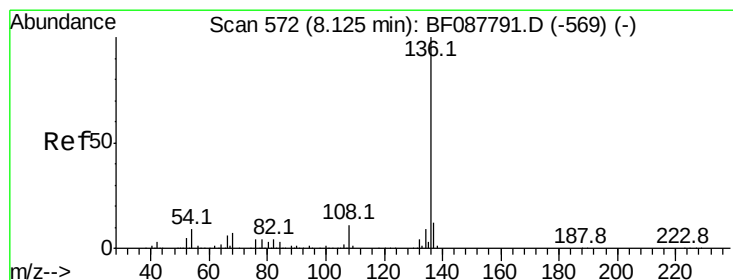
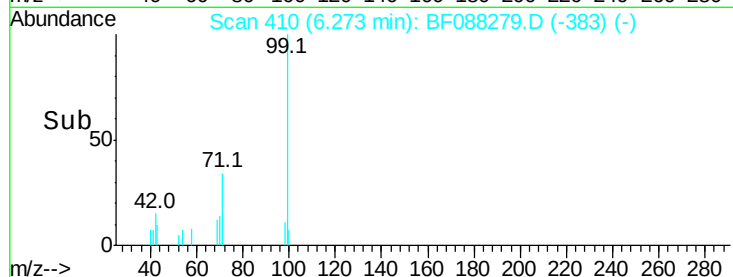
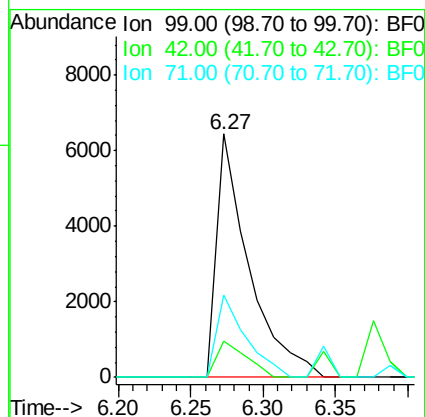
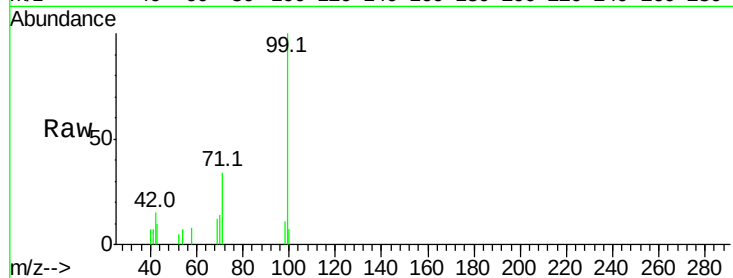
Tot Ion: 99 Resp: 9949

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 33.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088279.D

Acq: 23 Jun 2016 6:59

Tgt Ion: 136 Resp: 102362

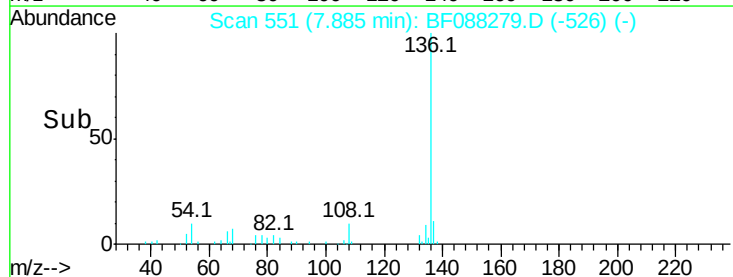
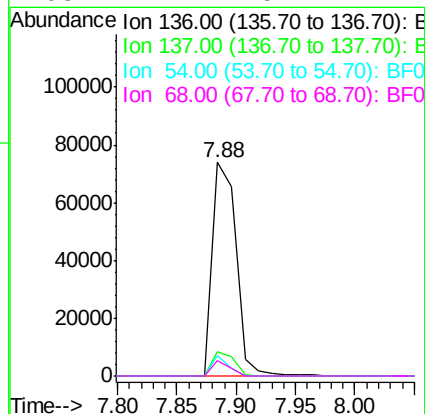
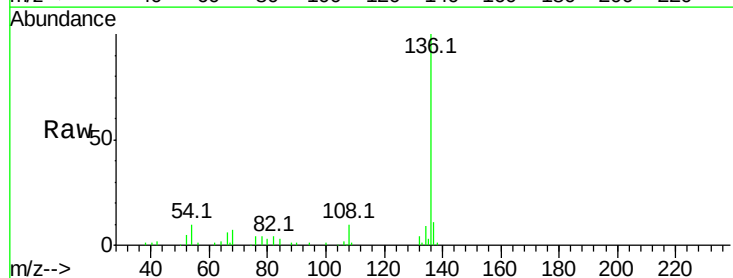
Ion Ratio Lower Upper

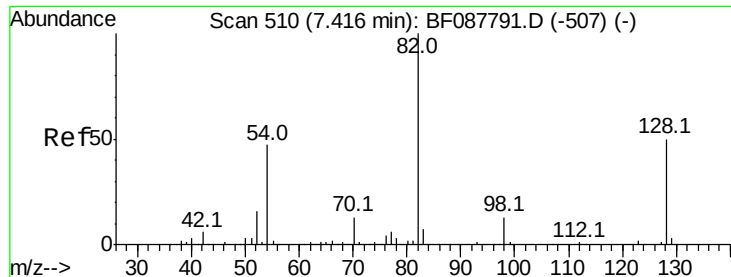
136 100

137 11.4 9.1 13.7

54 9.9 6.6 10.0

68 7.4 5.1 7.7

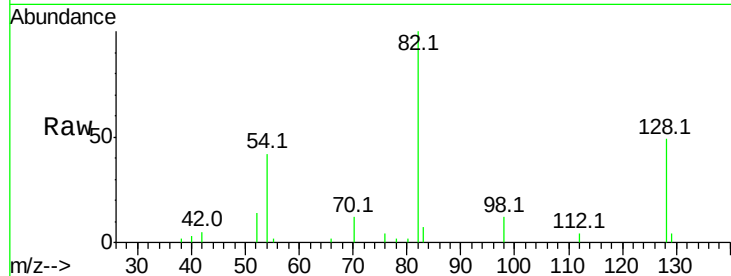




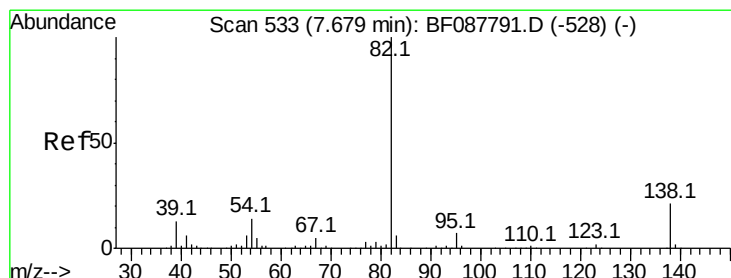
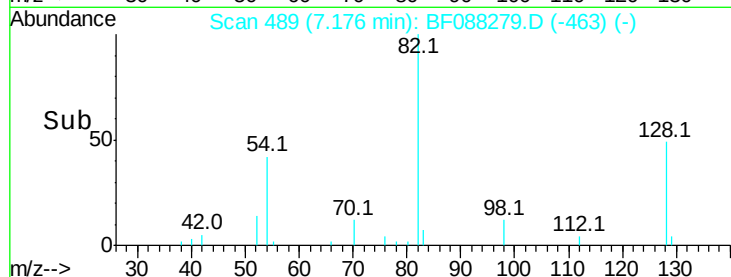
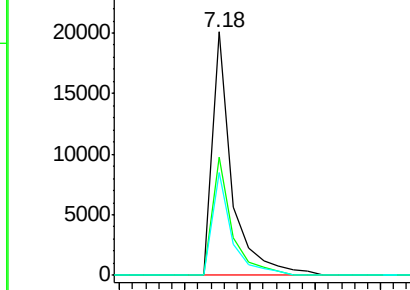
#23
 Nitrobenzene-d5
 Concen: 12.06 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 21132
 Ion Ratio Lower Upper
 82 100
 128 48.7 35.9 53.9
 54 42.4 40.9 61.3

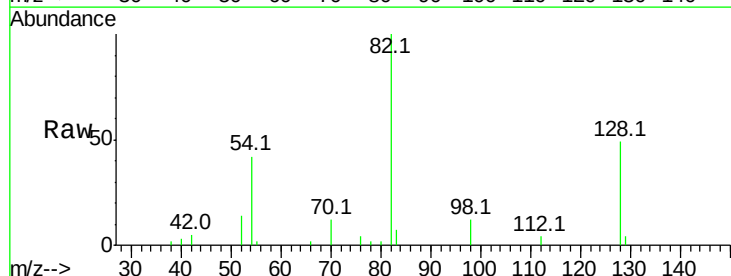


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

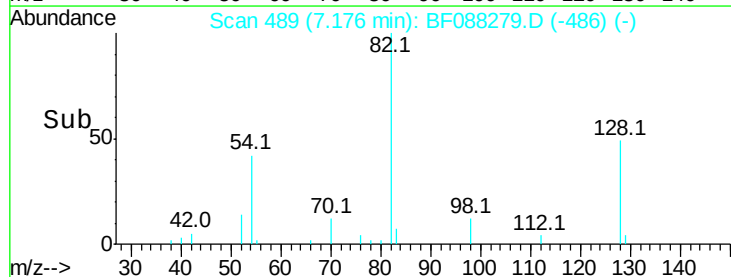
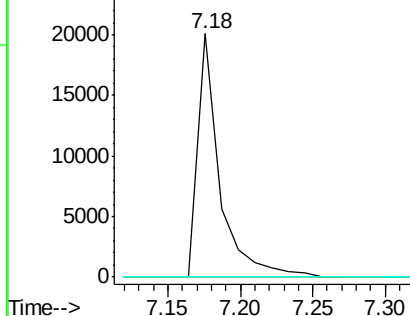


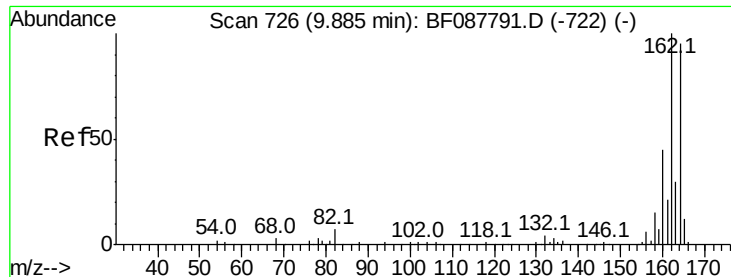
#25
 Isophorone
 Concen: 6.51 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Tgt Ion: 82 Resp: 21132
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

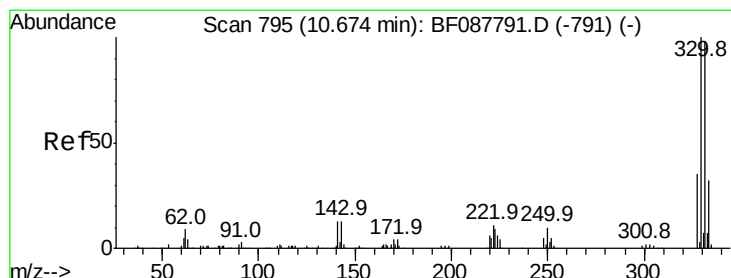
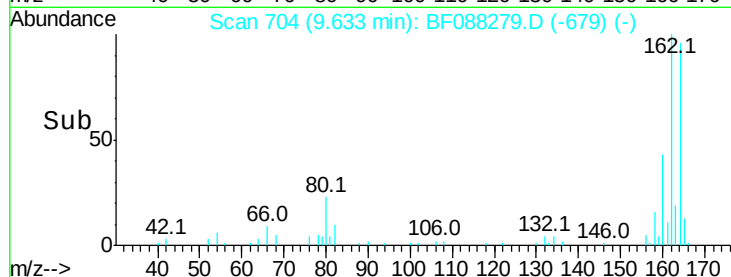
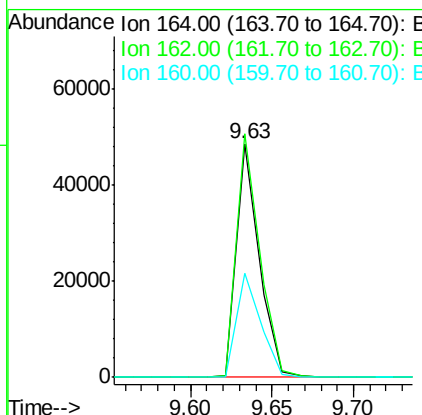
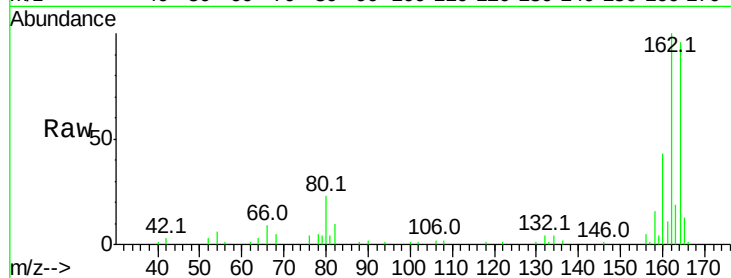




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

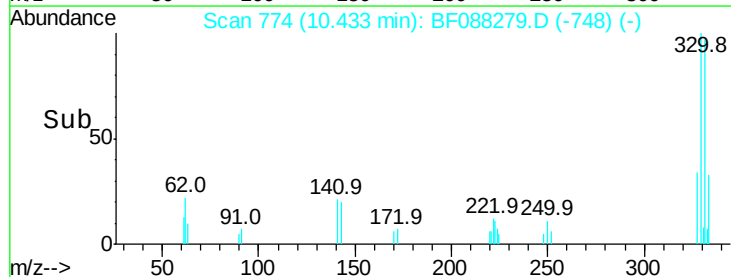
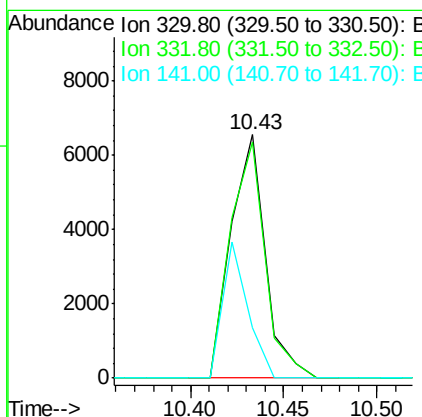
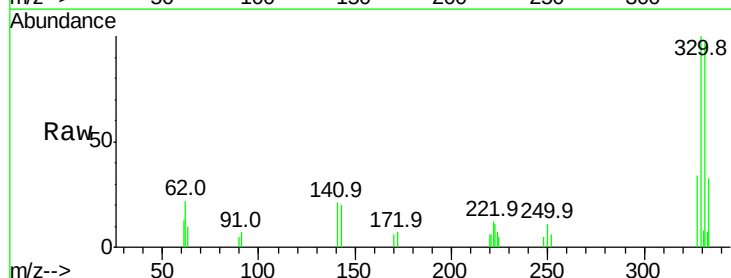
Instrument :
 BNA_F
 ClientSampleId :

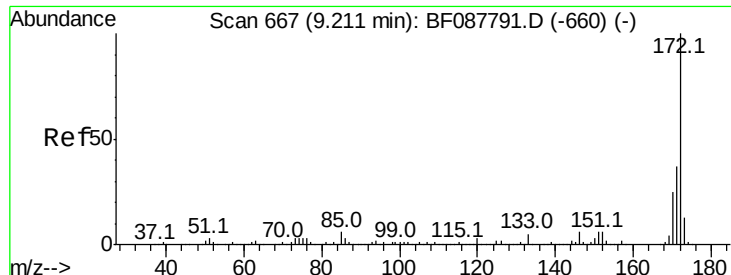
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	44.6	39.5	59.3



#41
 2,4,6-Tribromophenol
 Concen: 17.22 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	40.7	0.0	0.0#

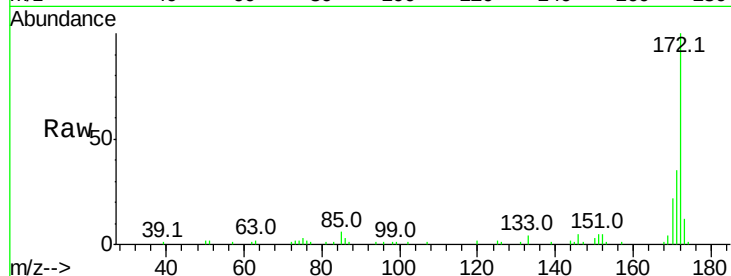




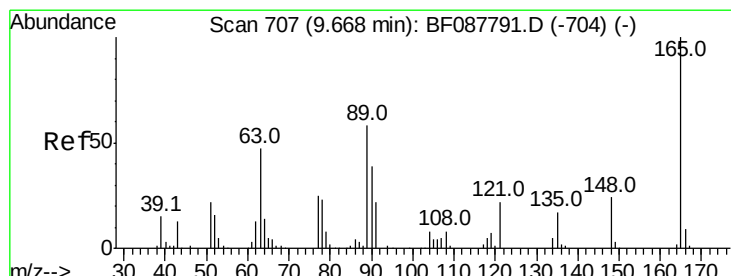
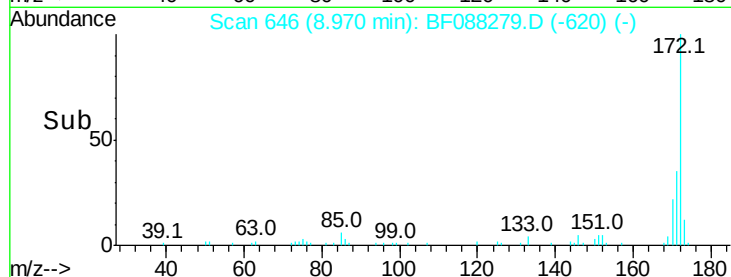
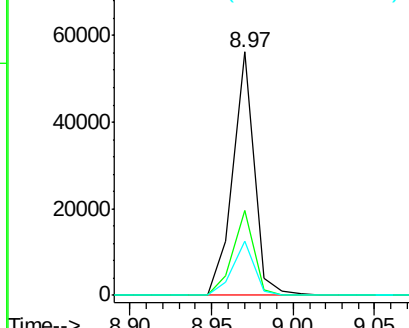
#44
 2-Fluorobiphenyl
 Concen: 12.51 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 50781
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 22.5 19.2 28.8

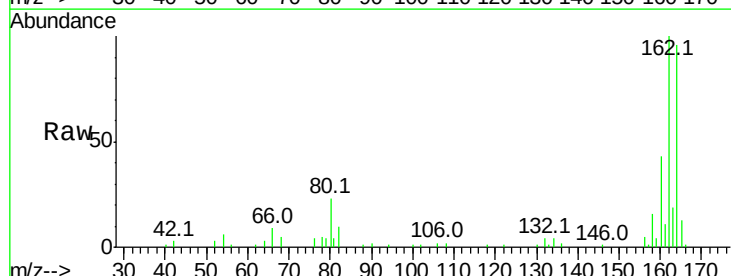


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

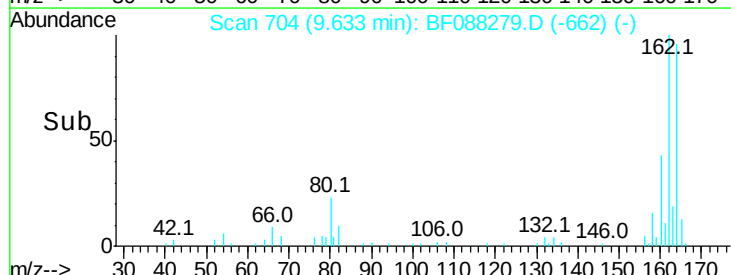
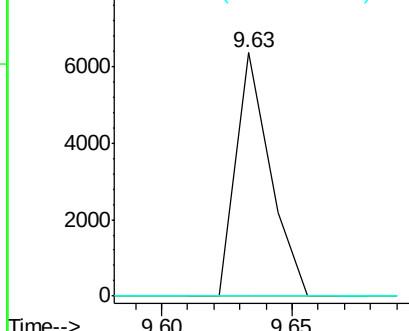


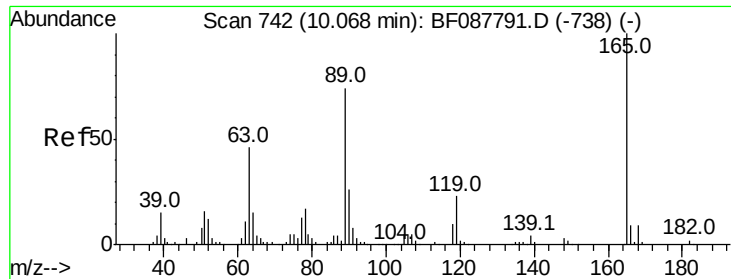
#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.18 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Tgt Ion:165 Resp: 5873
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

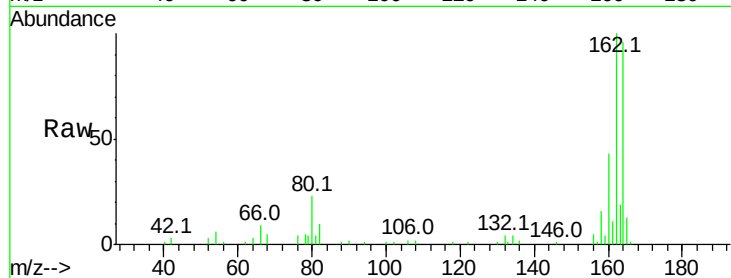




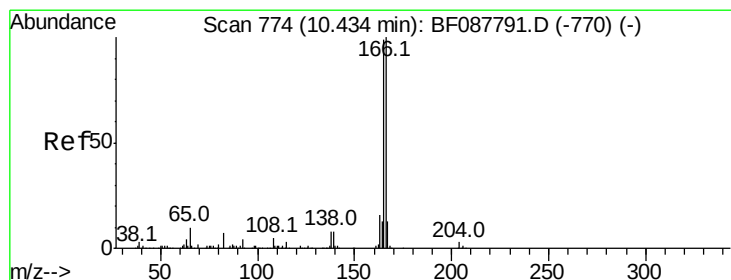
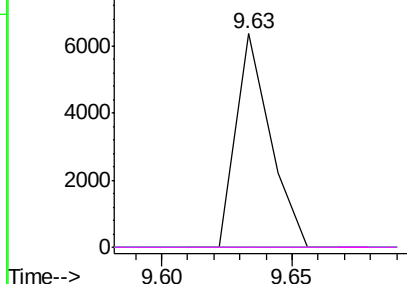
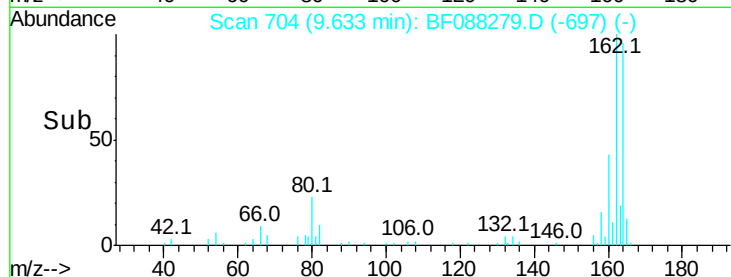
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 5873
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 0.0 41.1 61.7#
182 0.0 2.0 3.0#

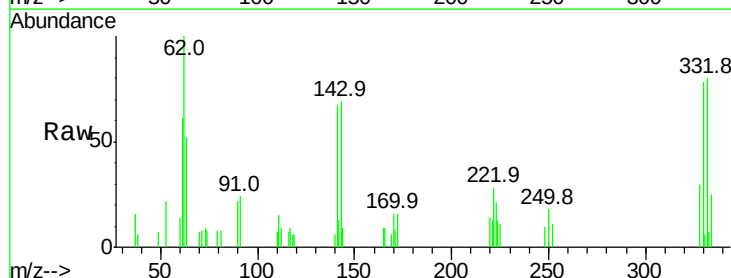


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

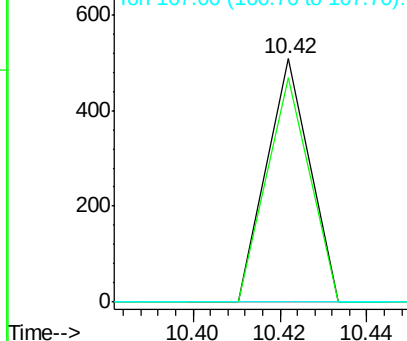
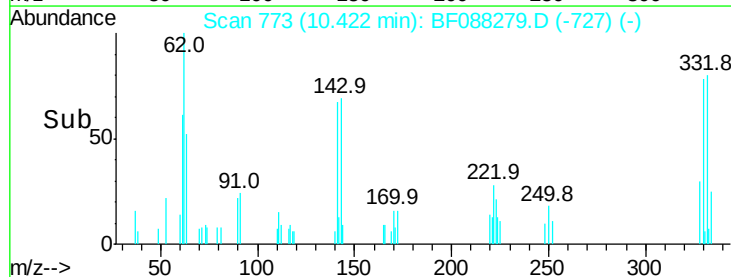


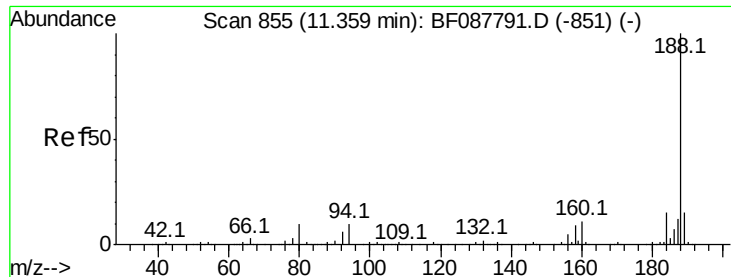
#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 773
Delta R.T. 0.23 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Tgt Ion:166 Resp: 348
Ion Ratio Lower Upper
166 100
165 92.1 77.8 116.8
167 0.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

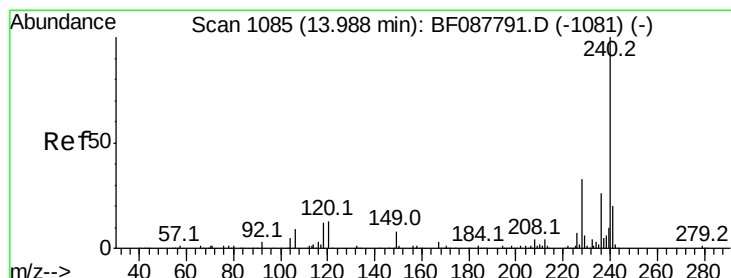
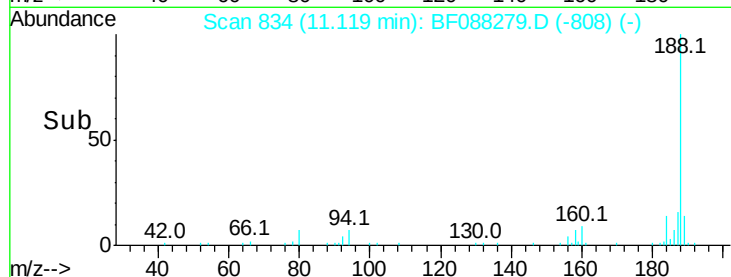
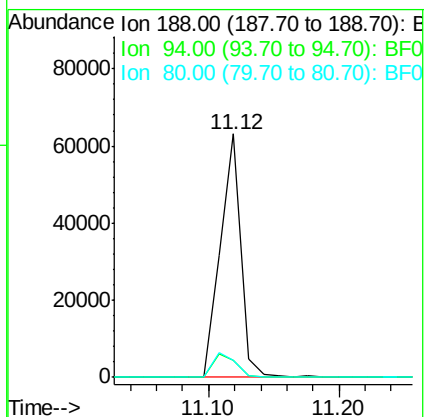
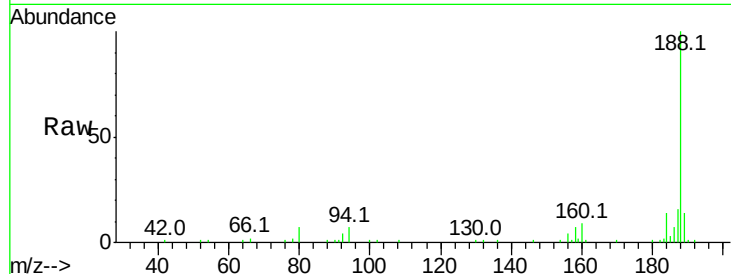




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

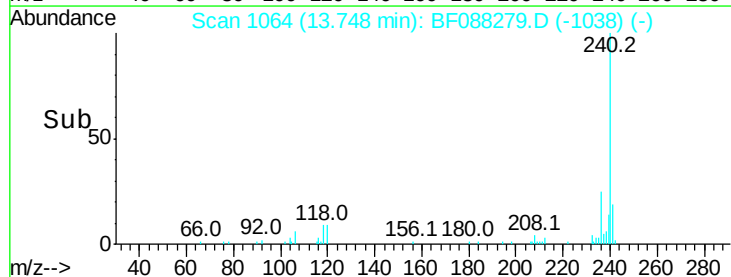
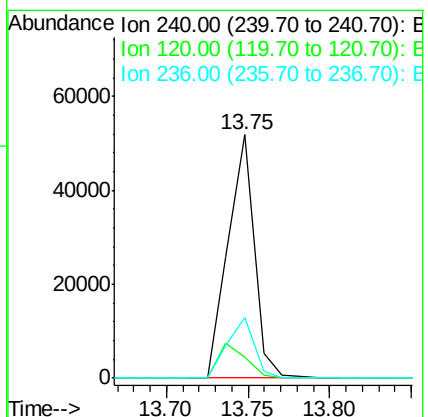
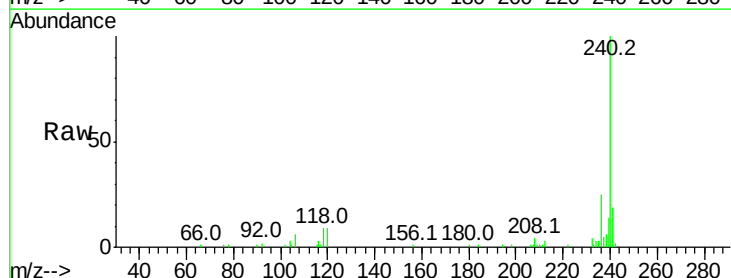
Instrument :
BNA_F
ClientSampleId :

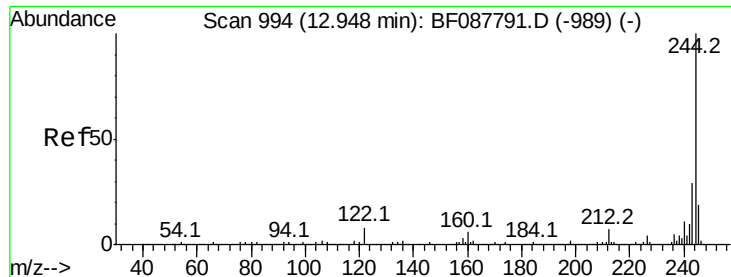
Tot Ion:188 Resp: 69403
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 6.8 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088279.D
Acq: 23 Jun 2016 6:59

Tgt Ion:240 Resp: 57580
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 25.0 20.2 30.2

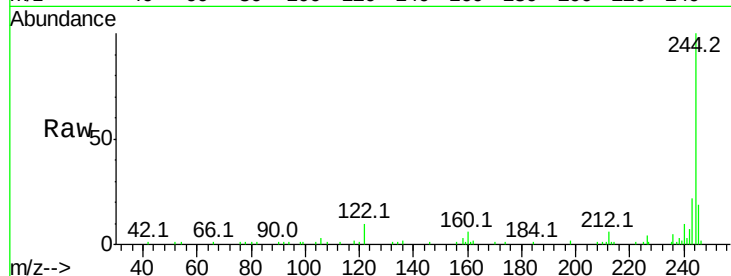




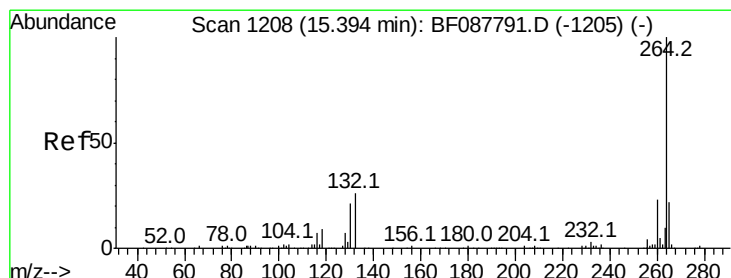
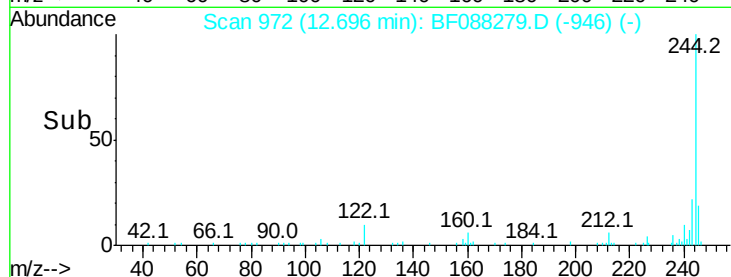
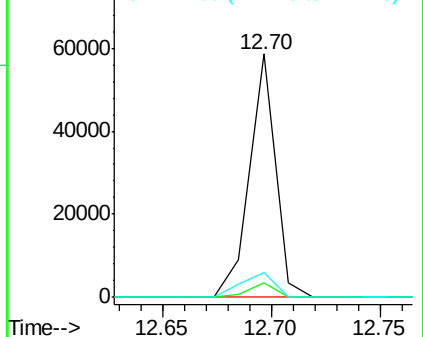
#78
 Terphenyl-d14
 Concen: 19.28 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	10.0	11.2	16.8#

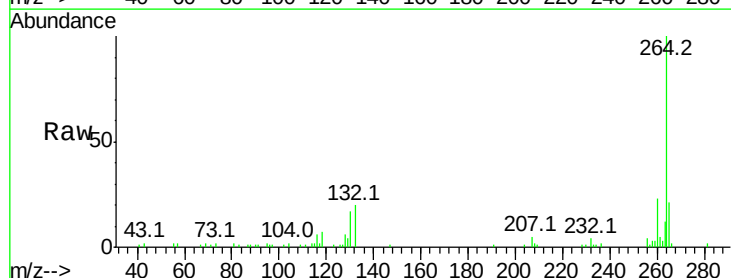


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF088279.D
 Acq: 23 Jun 2016 6:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	16.9	25.3



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

