

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090296.D
 Acq On : 29 Sep 2016 18:22
 Operator : UM/SJ
 Sample : H4982-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Manual Integrations
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Quant Time: Sep 29 18:54:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	133769	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	510858	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	270024	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	389306	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	269482	20.00	ng	-0.01
86) Perylene-d12	14.91	264	230137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1105202	134.67	ng	0.00
7) Phenol-d6	6.14	99	1647789	162.58	ng	0.00
23) Nitrobenzene-d5	7.04	82	868062	98.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	289967	125.17	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1448552	105.32	ng	-0.01
78) Terphenyl-d14	12.56	244	899625	84.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	538987	31.34	ng	99
70) Phenanthrene	10.99	178	64667	3.55	ng	99
74) Fluoranthene	12.17	202	182916	9.36	ng	94
77) Pyrene	12.39	202	160976	8.73	ng	95
80) Benzo(a)anthracene	13.58	228	121751	8.40	ng	94
82) Chrysene	13.61	228	75824m	5.37	ng	
85) Indeno(1,2,3-cd)pyrene	16.06	276	50619	4.43	ng	93
87) Benzo(b)fluoranthene	14.57	252	126961m	9.96	ng	
88) Benzo(k)fluoranthene	14.58	252	45512m	3.81	ng	
89) Benzo(a)pyrene	14.86	252	85632	7.14	ng	# 89
91) Benzo(g,h,i)perylene	16.40	276	47958	5.24	ng	97

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

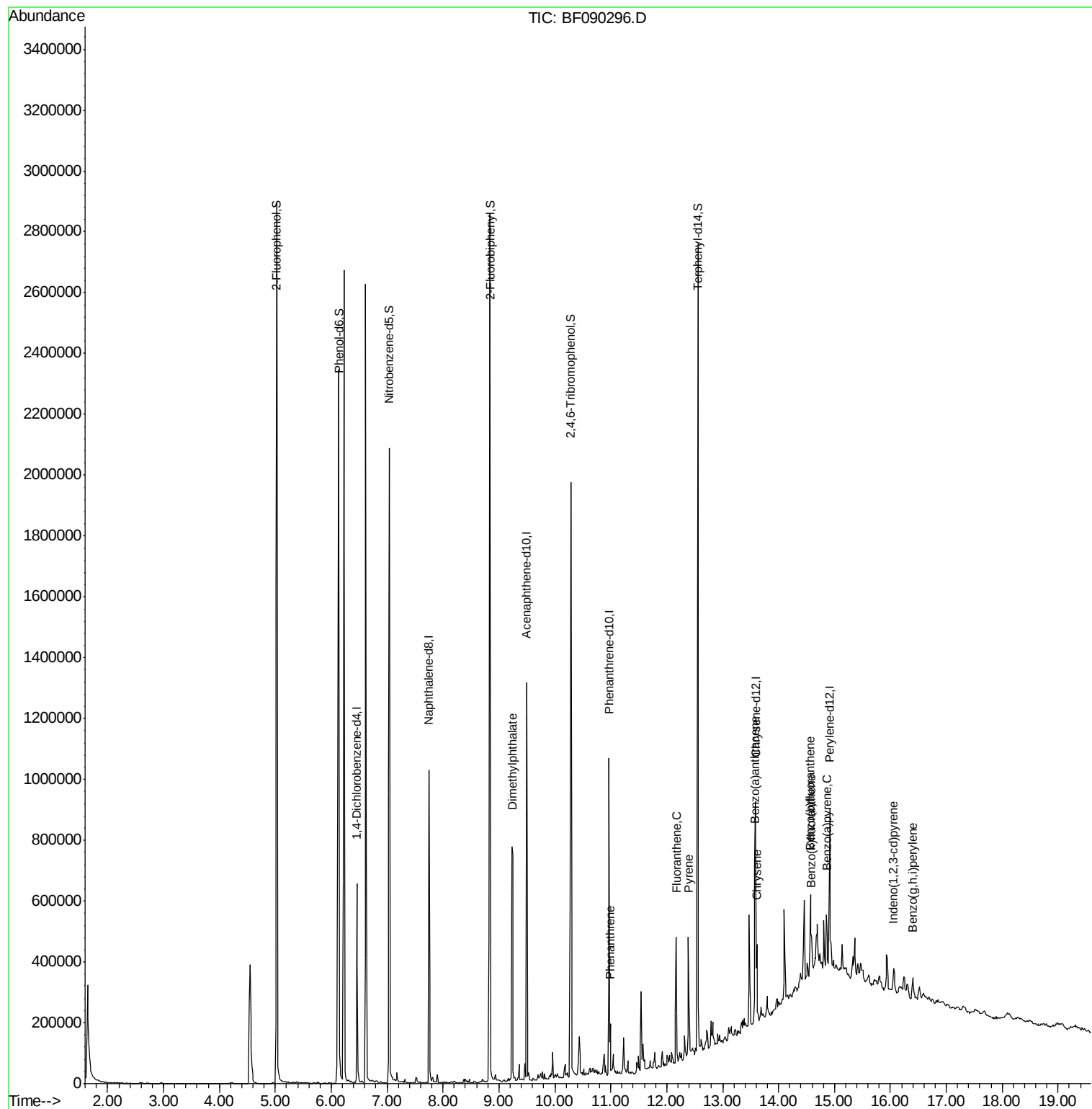
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090296.D
Acq On : 29 Sep 2016 18:22
Operator : UM/SJ
Sample : H4982-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

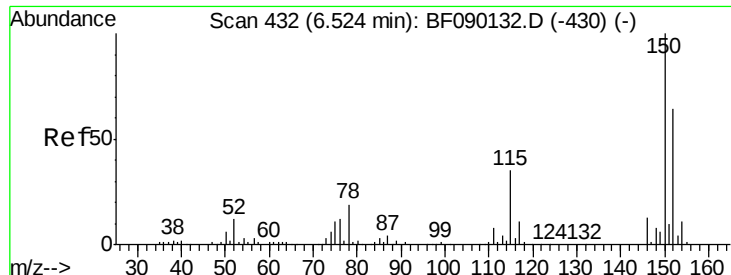
Instrument :
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ClientSampleId :
S-25

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Quant Time: Sep 29 18:54:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
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#1

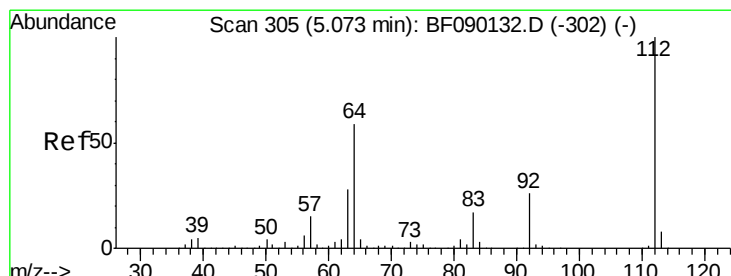
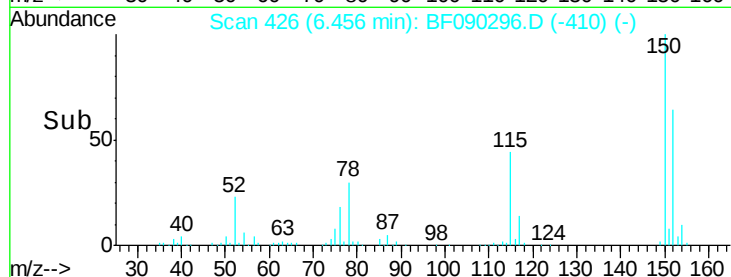
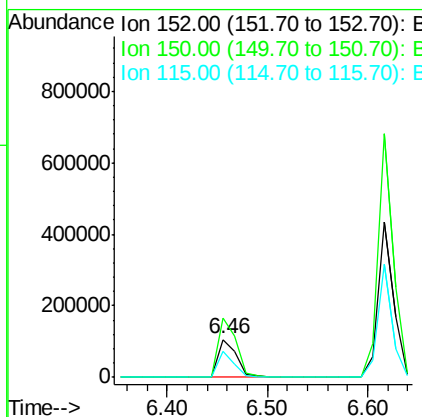
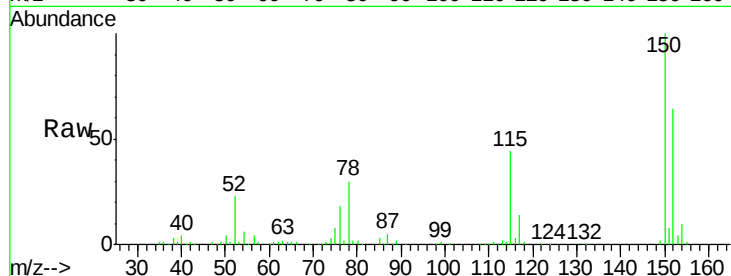
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.46 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Instrument :
 BNA_F
 ClientSampled :
 S-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.9	193.3
115	69.4	55.5	83.3

Manual Integrations
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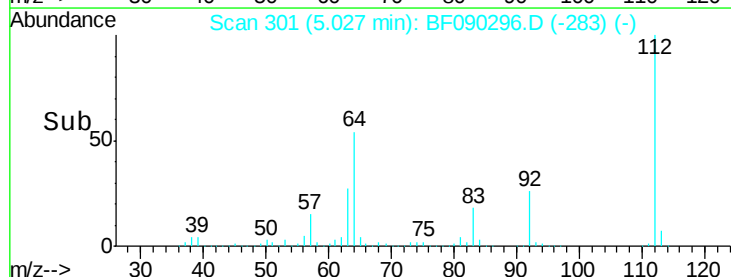
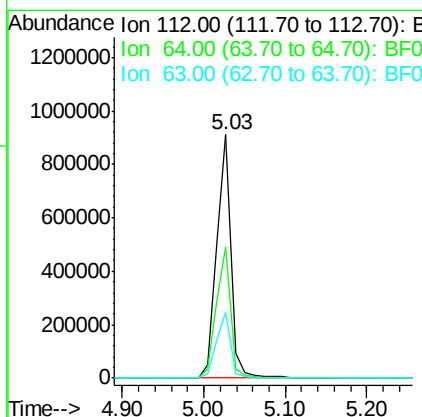
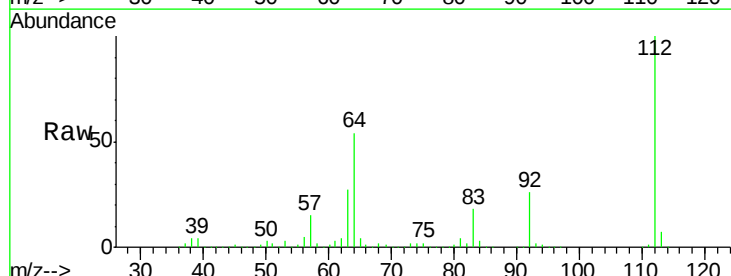
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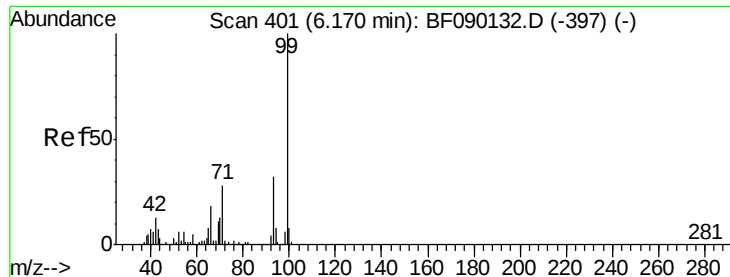


#5

2-Fluorophenol
 Concen: 134.67 ng
 RT: 5.03 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	39.8	59.6
63	26.8	18.9	28.3





#7

Phenol-d6

Concen: 162.58 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Instrument :

BNA_F

ClientSampleId :

S-25

Tot Ion: 99 Resp: 1647789

Ion Ratio Lower Upper

99 100

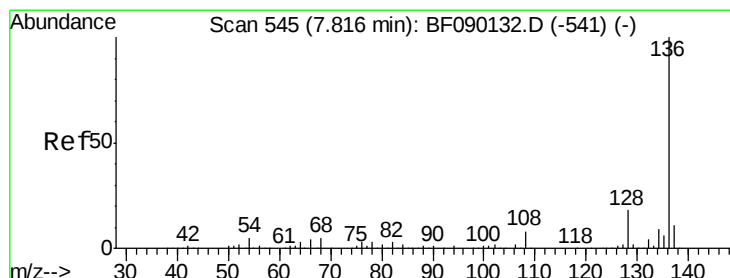
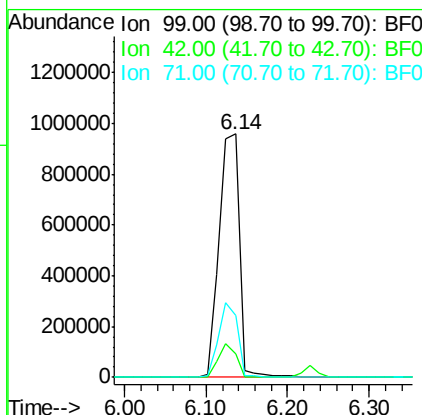
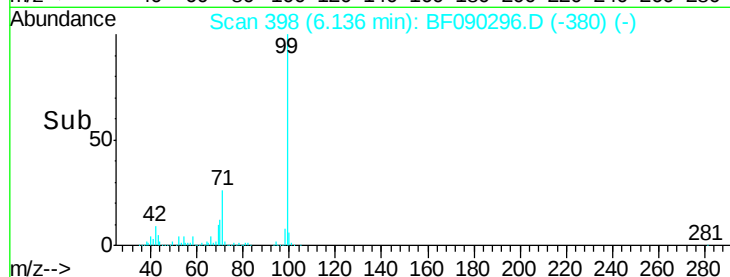
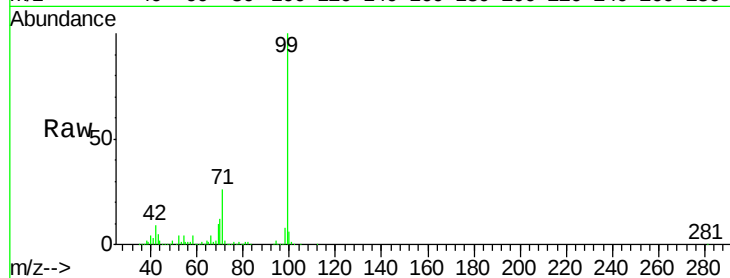
42 9.5 10.6 15.8#

71 25.6 23.0 34.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Tgt Ion: 136 Resp: 510858

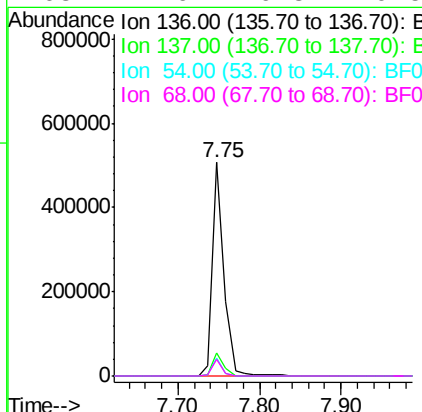
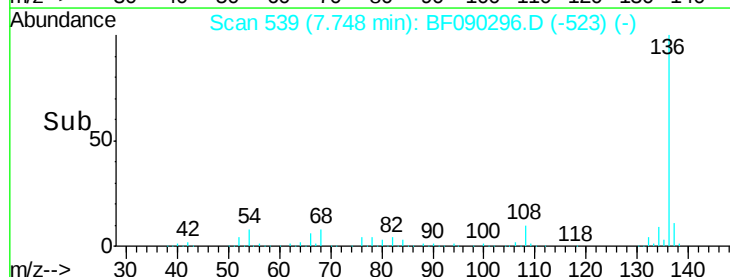
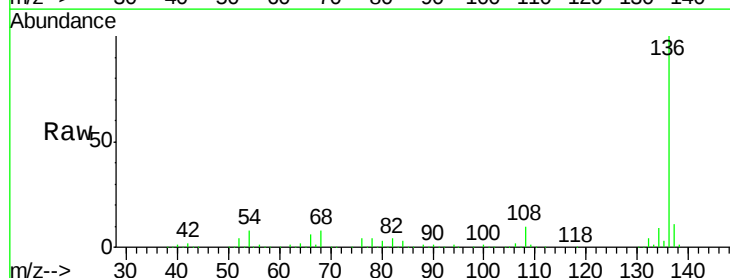
Ion Ratio Lower Upper

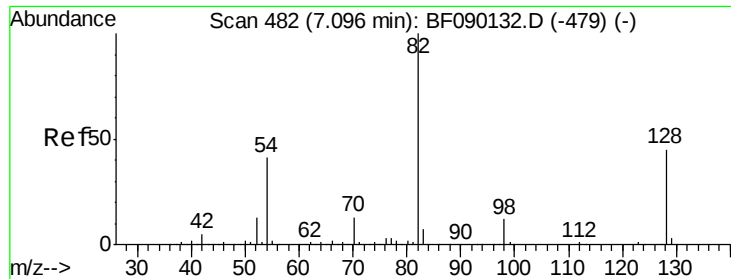
136 100

137 11.1 9.0 13.4

54 8.3 6.4 9.6

68 7.6 6.3 9.5





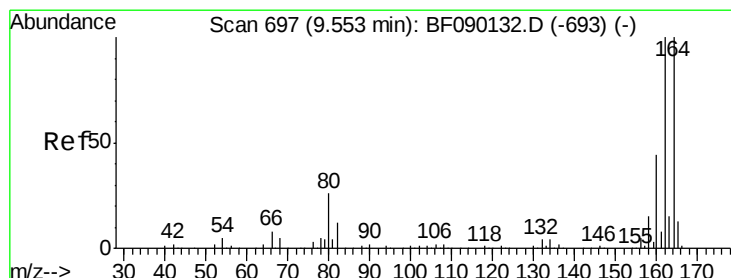
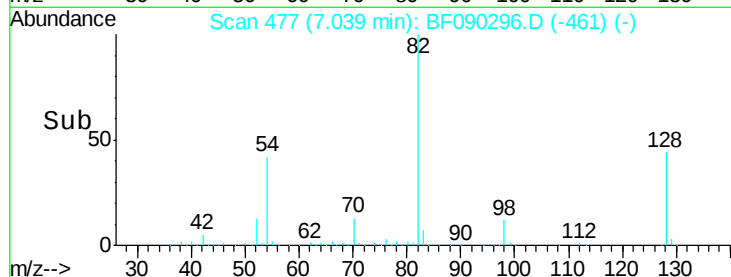
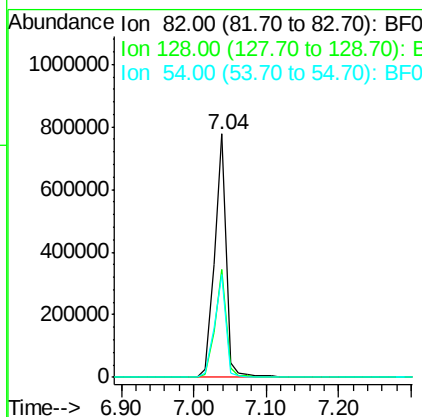
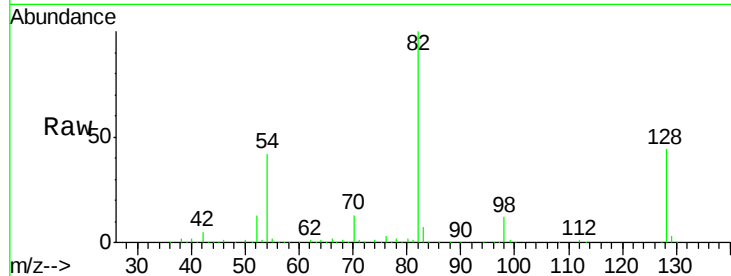
#23
 Nitrobenzene-d5
 Concen: 98.50 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Instrument :
 BNA_F
 ClientSampled :
 S-25

Tot Ion	82	Resp	868062
Ion Ratio	100	Lower	Upper
128	44.3	37.5	56.3
54	42.2	31.9	47.9

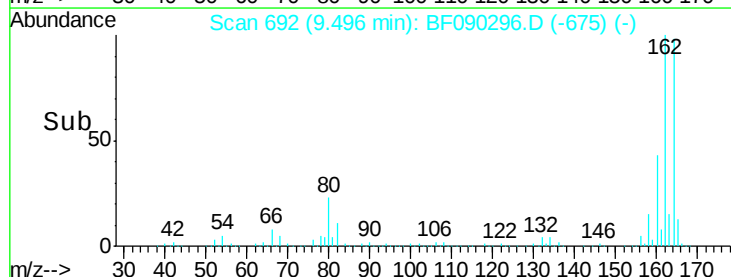
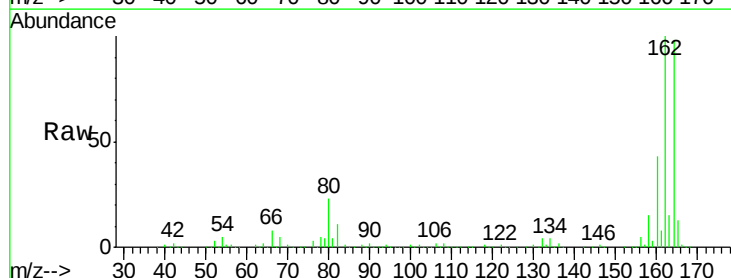
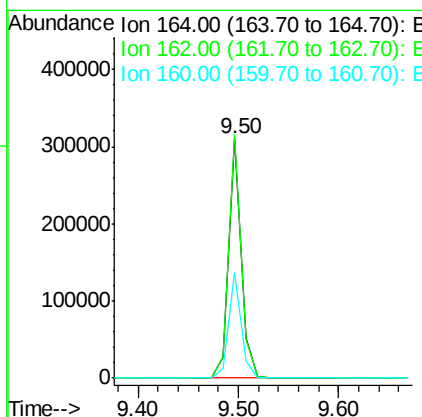
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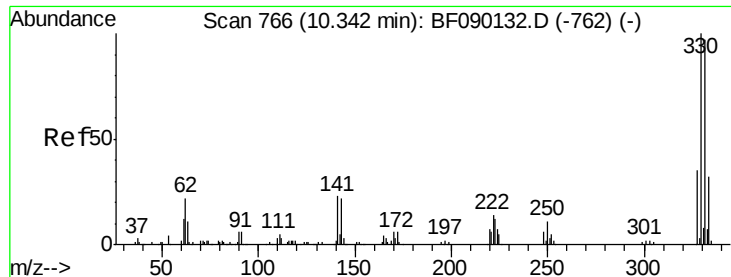
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion	164	Resp	270024
Ion Ratio	100	Lower	Upper
162	101.7	81.4	122.2
160	44.2	36.6	54.8





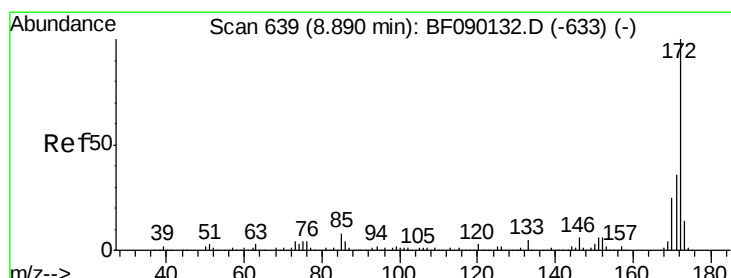
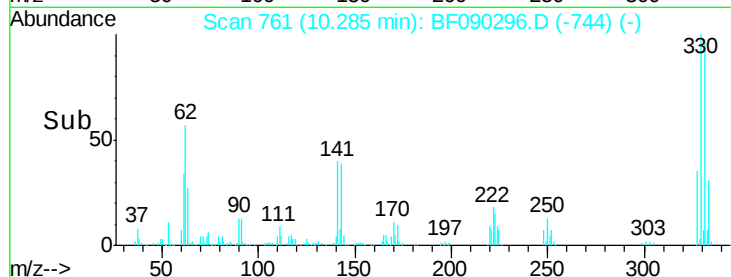
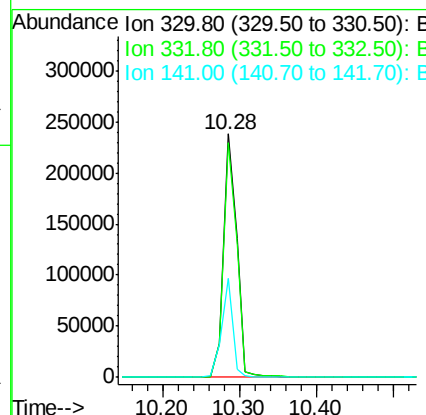
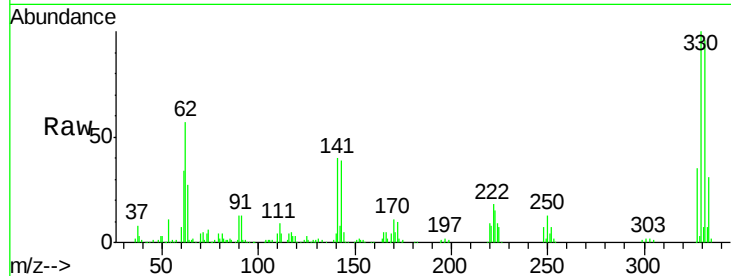
#41
 2,4,6-Tribromophenol
 Concen: 125.17 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Instrument :
 BNA_F
 ClientSampled :
 S-25

Tot Ion	Ratio	Resp	Lower	Upper
330	100	289967		
332	96.7		78.1	117.1
141	33.5		23.9	35.9

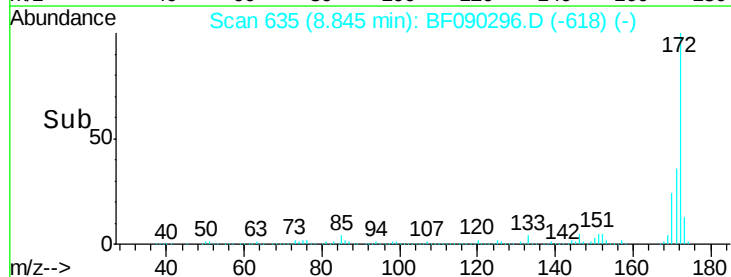
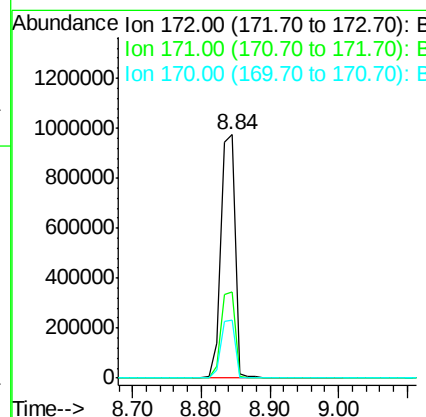
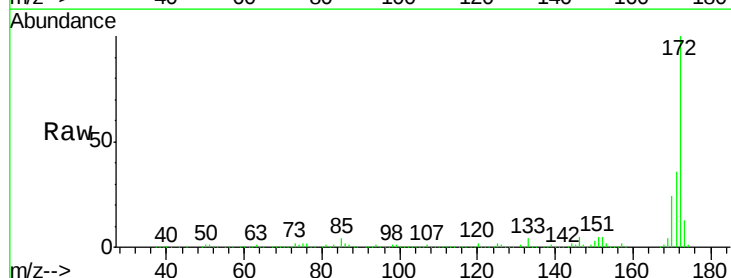
Manual Integrations
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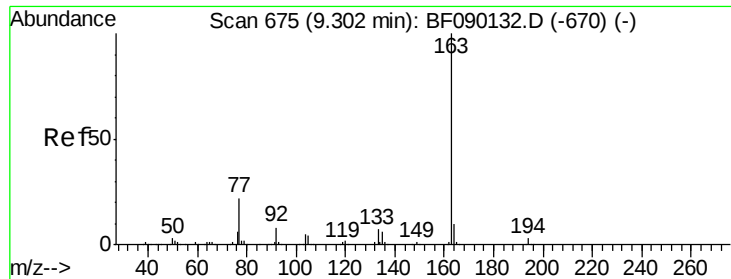
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#44
 2-Fluorobiphenyl
 Concen: 105.32 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1448552		
171	35.6		29.2	43.8
170	24.0		19.8	29.8





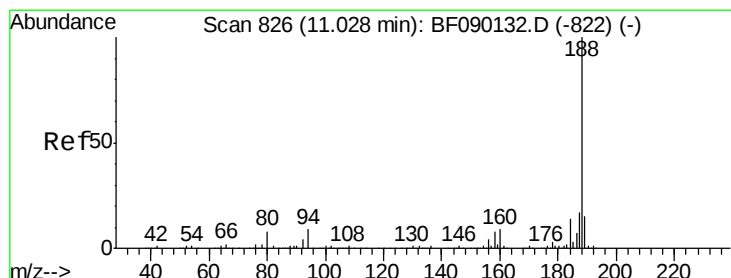
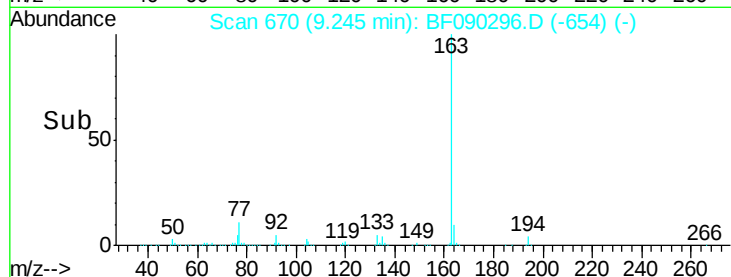
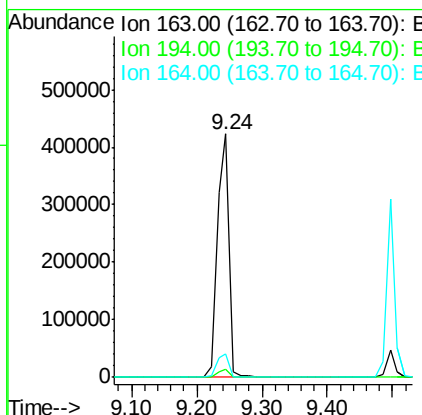
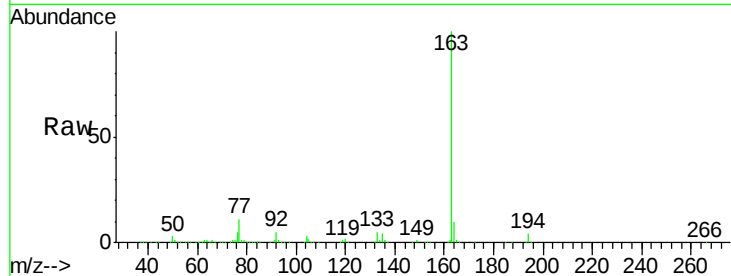
#49
Dimethylphthalate
Concen: 31.34 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Instrument :
BNA_F
ClientSampled :
S-25

Tot Ion	Ratio	Resp	Lower	Upper
163	100	538987		
194	3.6		2.8	4.2
164	9.7		8.1	12.1

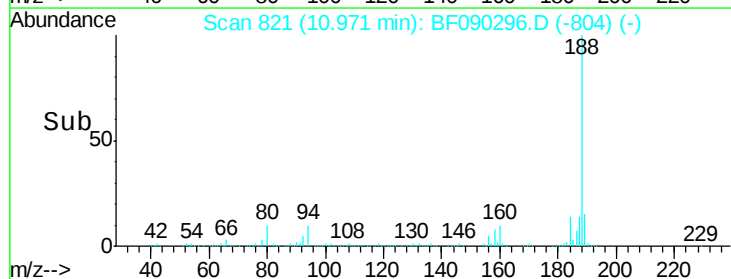
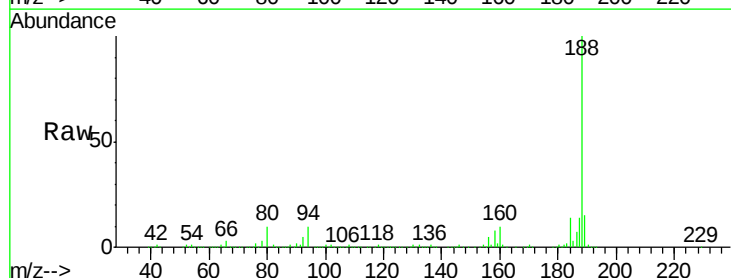
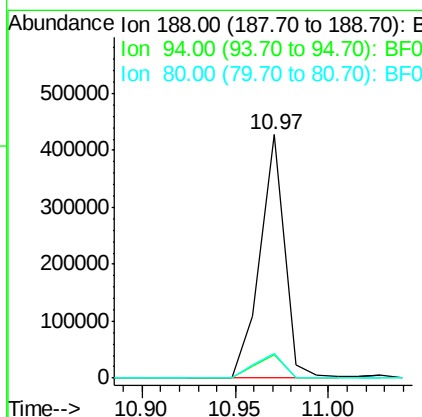
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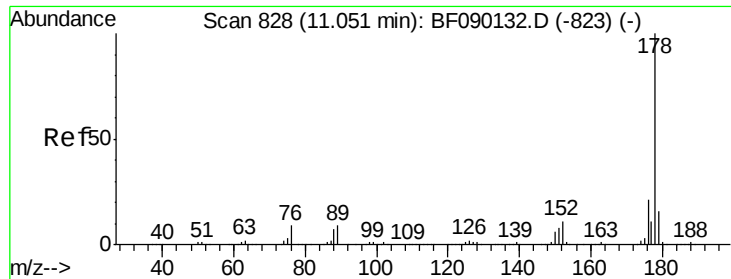
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	389306		
94	9.8		10.5	15.7#
80	10.3		11.2	16.8#





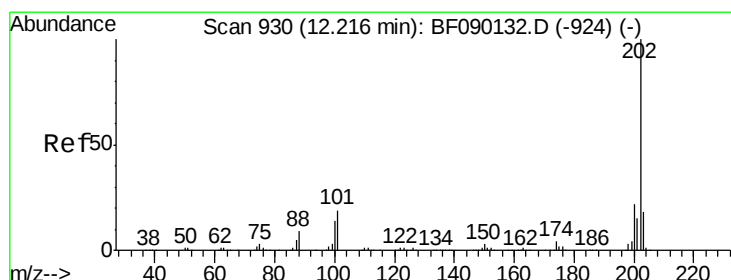
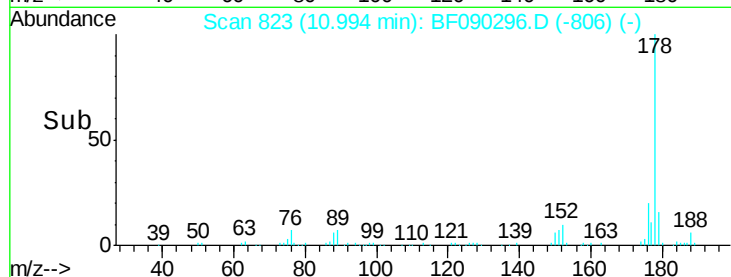
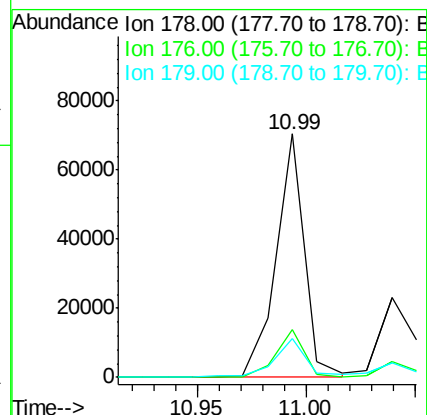
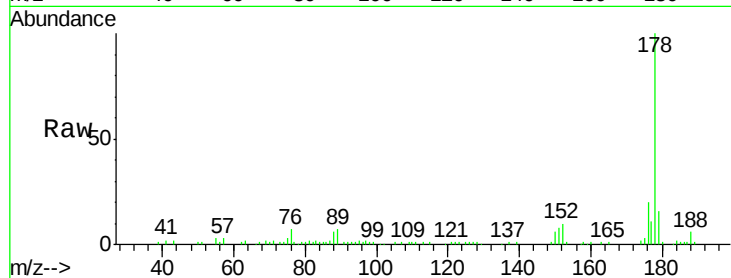
#70
Phenanthrene
Concen: 3.55 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Instrument :
BNA_F
ClientSampleId :
S-25

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	12.9	19.3

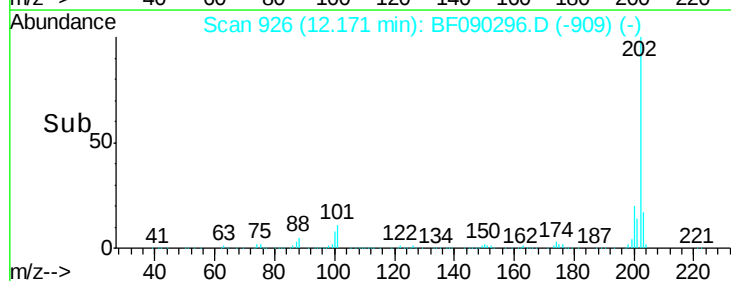
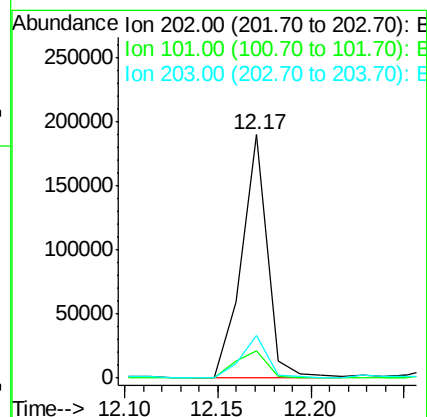
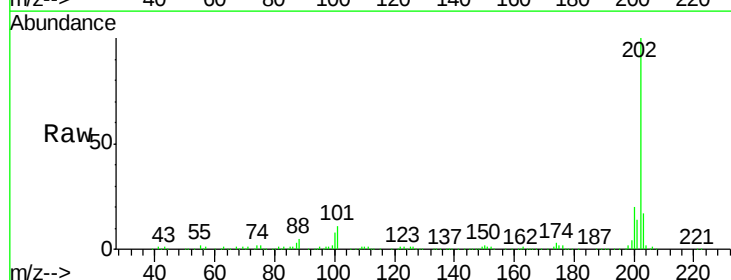
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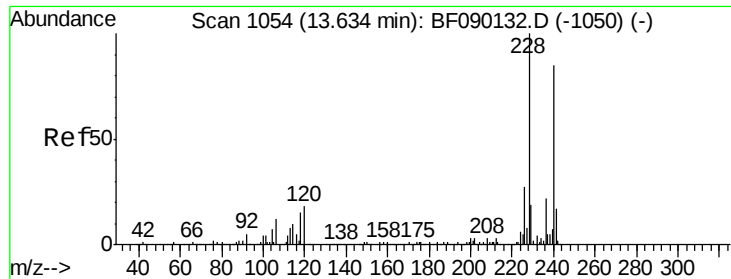
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#74
Fluoranthene
Concen: 9.36 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	36.1
203	17.5	0.0	38.2





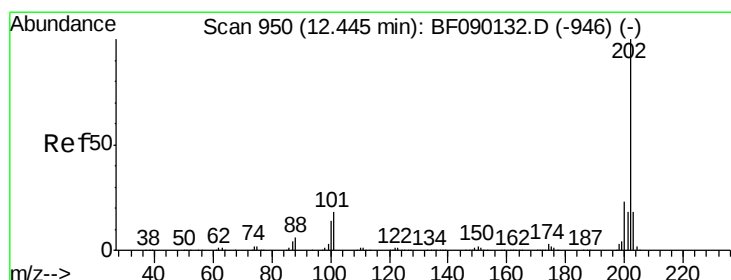
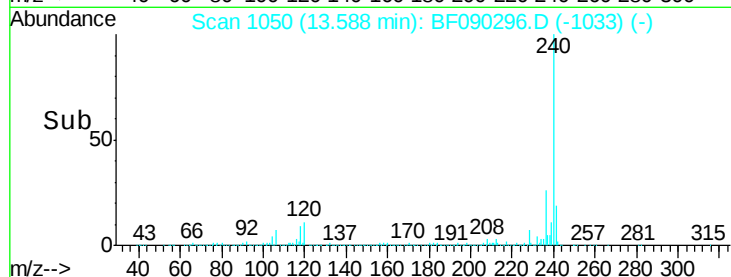
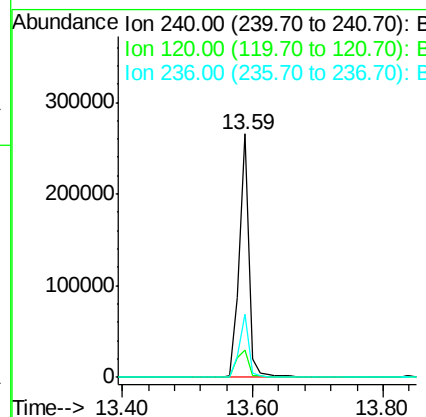
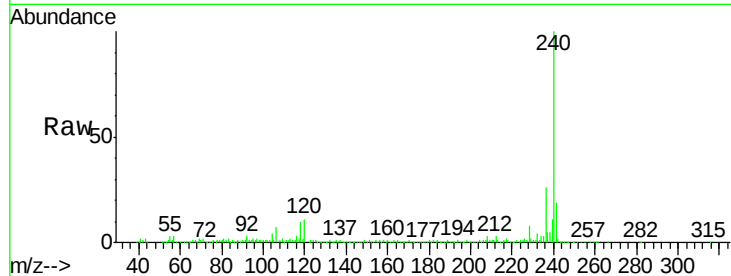
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Tot Ion	Ratio	Resp	Lower	Upper
240	100	269482		
120	11.1	10.6	16.0	
236	25.8	21.6	32.4	

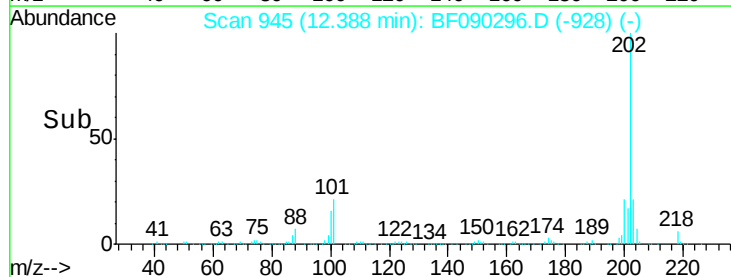
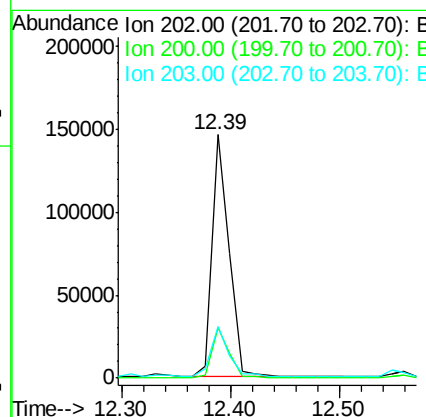
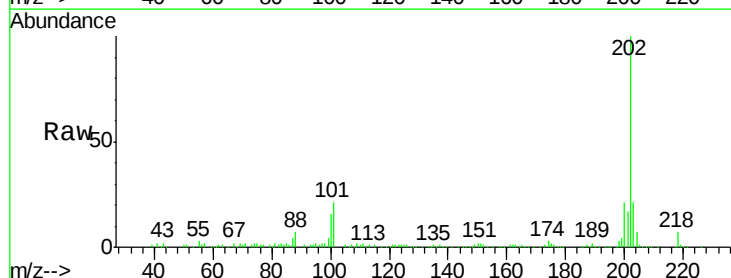
Manual Integrations
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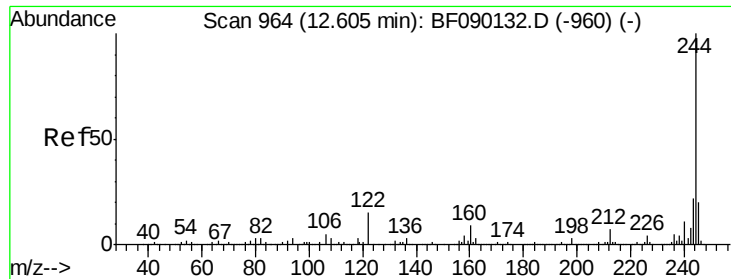
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#77
 Pyrene
 Concen: 8.73 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	160976		
200	20.8	17.9	26.9	
203	21.1	14.2	21.4	





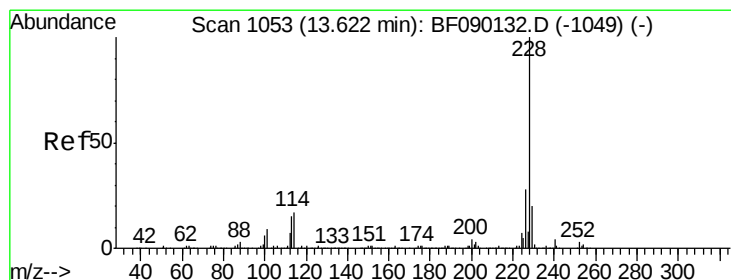
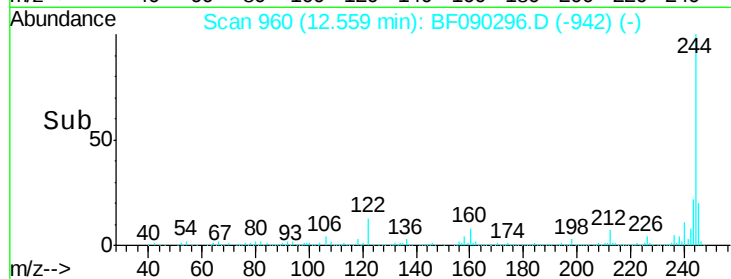
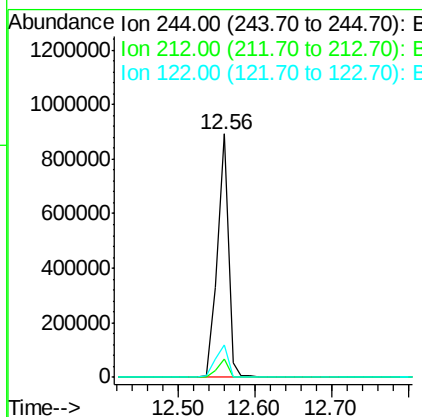
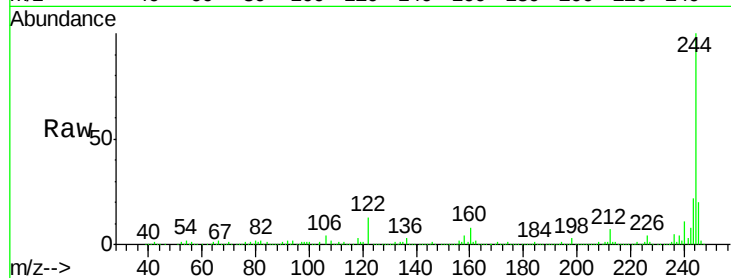
#78
 Terphenyl-d14
 Concen: 84.76 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.2	9.4	14.0

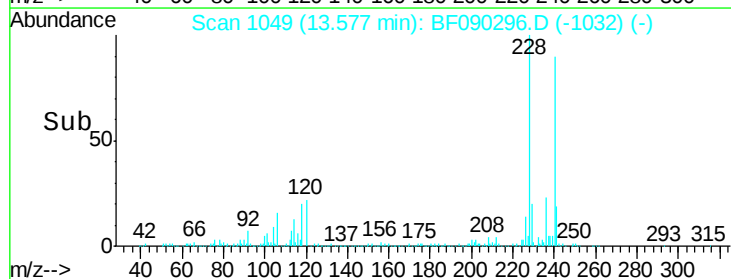
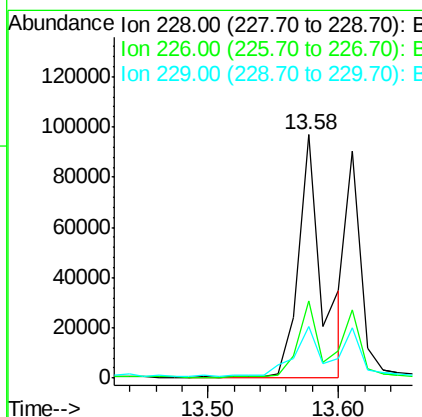
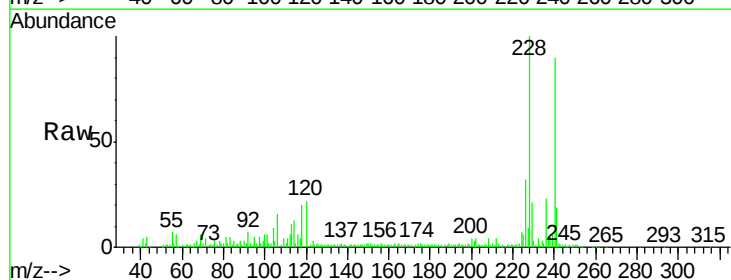
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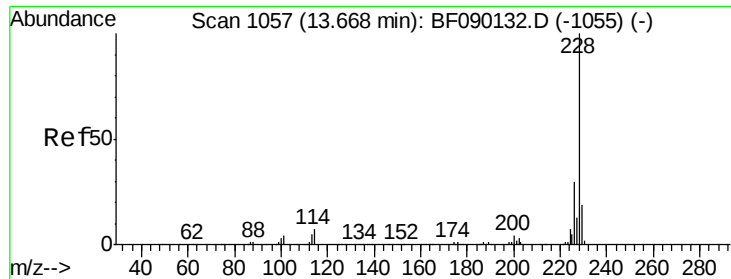
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#80
 Benzo(a)anthracene
 Concen: 8.40 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.0	33.0
229	21.0	16.2	24.2





#82

Chrysene

Concen: 5.37 ng/mL

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Instrument :

BNA_F

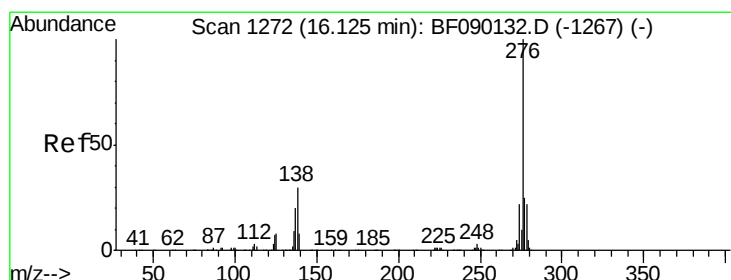
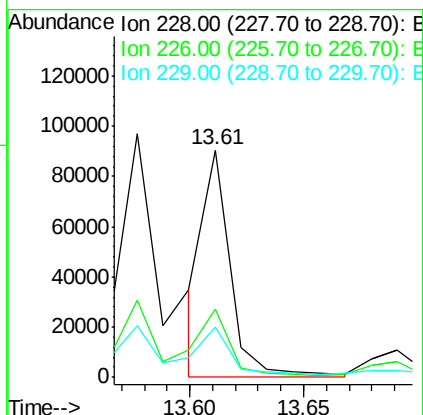
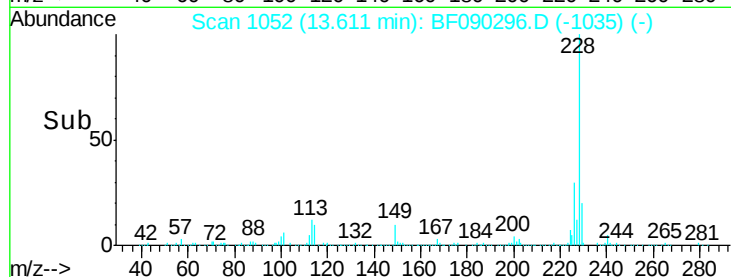
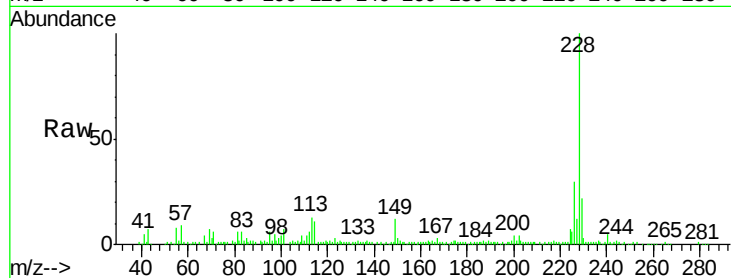
ClientSampleId :

S-25

Tot Ion:	228	Resp:	75824
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	22.1	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.43 ng/mL

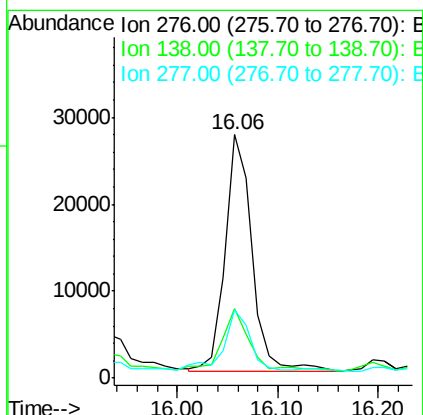
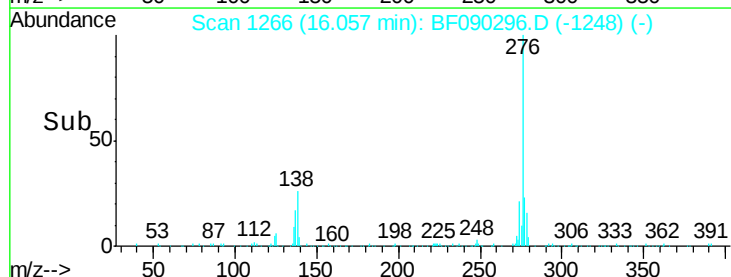
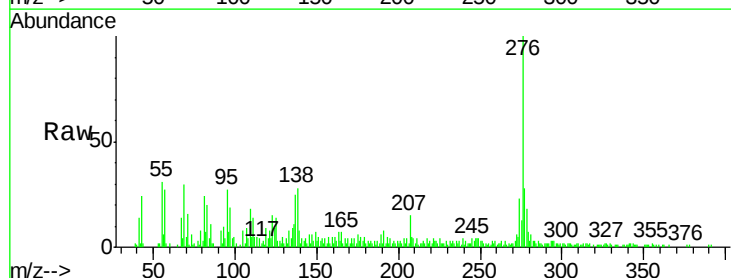
RT: 16.06 min Scan# 1266

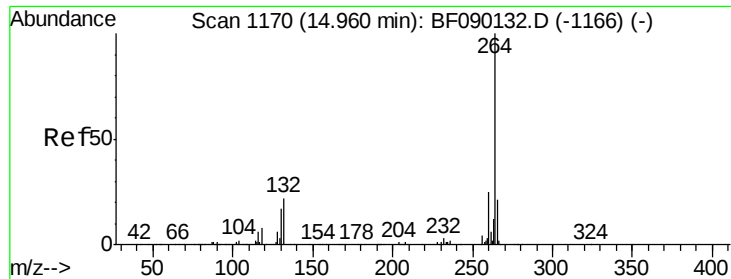
Delta R.T. 0.00 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Tgt Ion:	276	Resp:	50619
Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.9	38.9
277	26.8	19.9	29.9





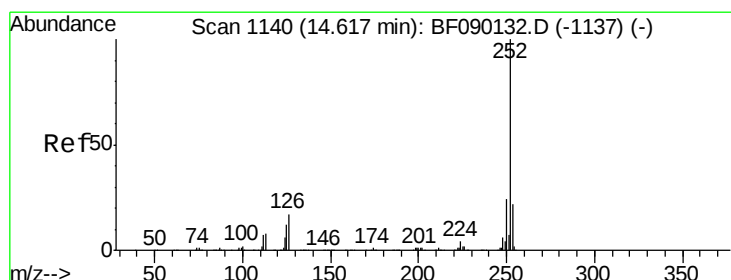
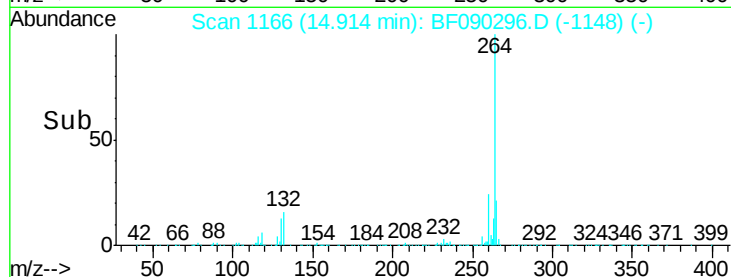
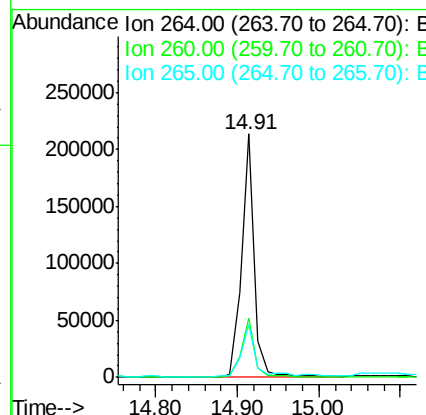
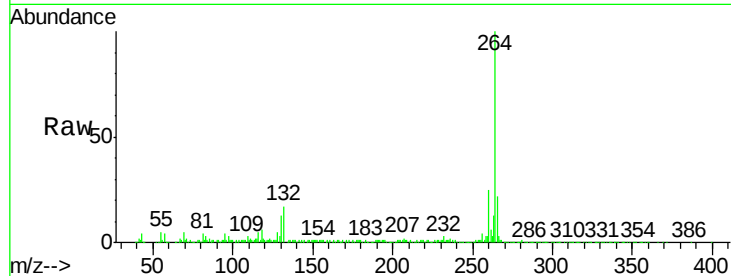
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Instrument :
BNA_F
ClientSampled :
S-25

Tot Ion:	264	Resp:	230137
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.7	17.0	25.4

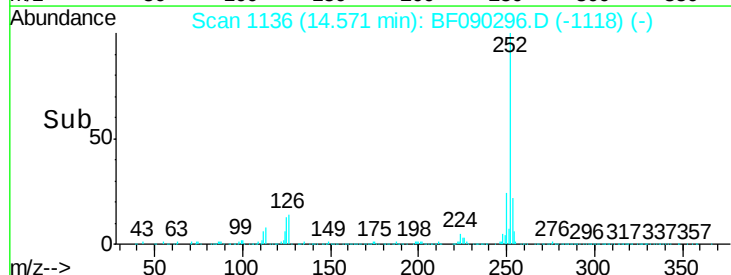
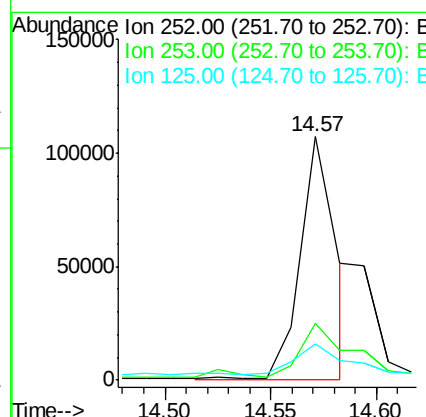
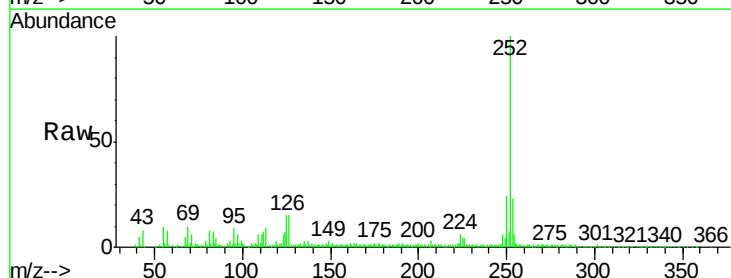
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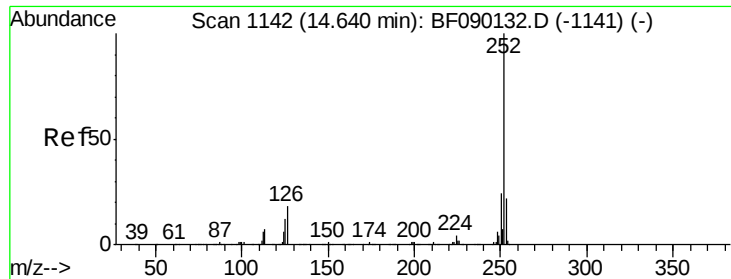
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#87
Benzo(b)fluoranthene
Concen: 9.96 ng m
RT: 14.57 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion:	252	Resp:	126961
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	15.1	12.7	19.1





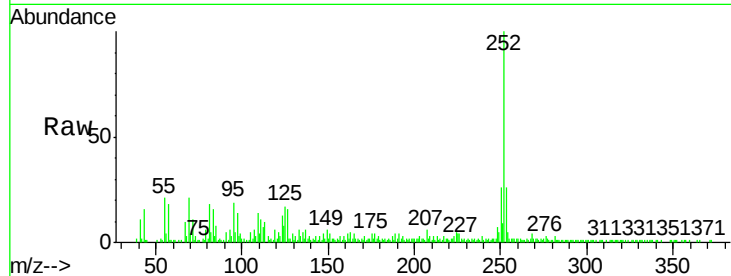
#88
Benzo(k)fluoranthene
Concen: 3.81 ng m
RT: 14.58 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Instrument :
BNA_F
ClientSampled :
S-25

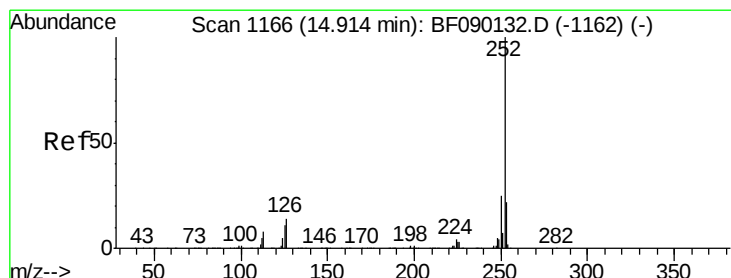
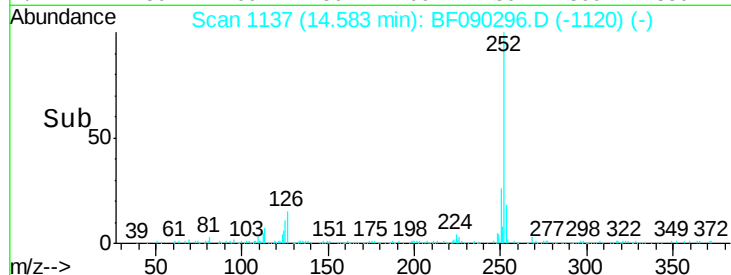
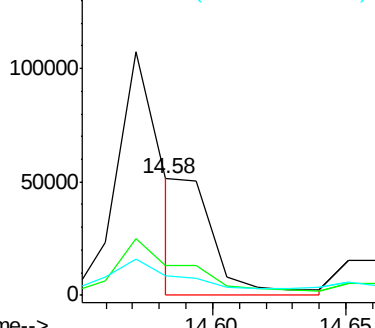
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	17.0	7.8	11.6

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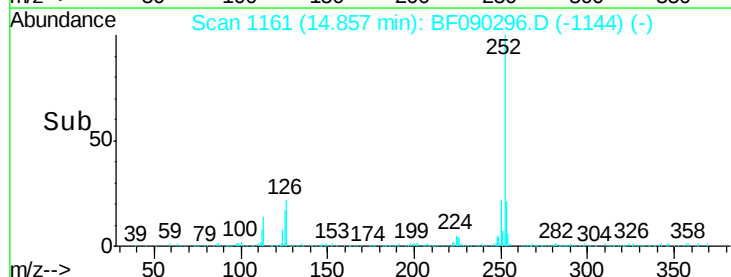
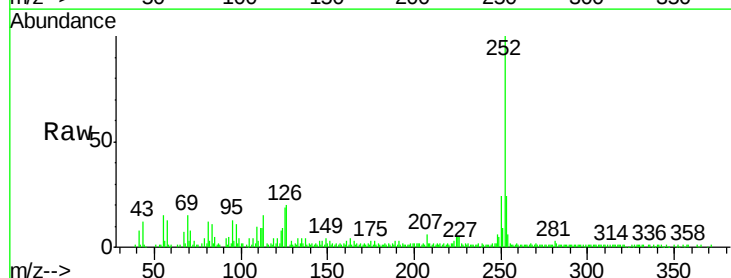
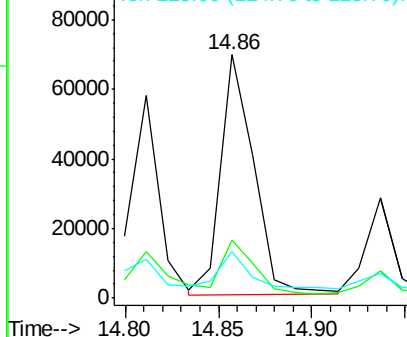
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

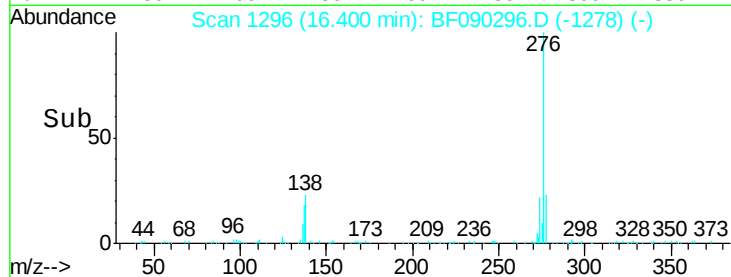
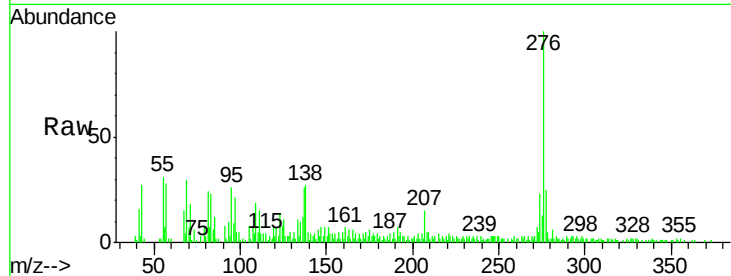
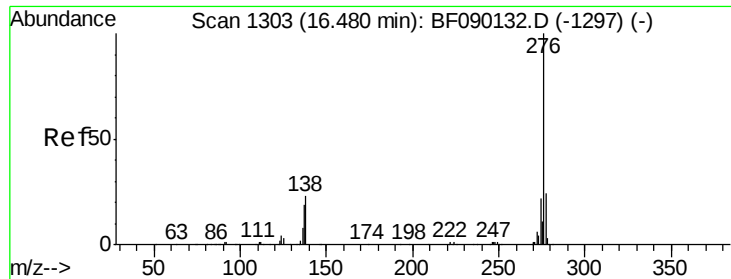


#89
Benzo(a)pyrene
Concen: 7.14 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	19.0	7.7	11.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 5.24 ng
 RT: 16.40 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 S-25

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	27.4	23.3	34.9

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