

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086491.D
 Acq On : 29 Apr 2016 14:46
 Operator : UM/SJ
 Sample : H2685-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-1(0-6FTBGS)

Manual Integrations
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Quant Time: Apr 30 00:48:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	155149	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	668416	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	317567	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	566284	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	375683	20.00	ng	-0.03
86) Perylene-d12	15.32	264	318729	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1313638	146.04	ng	-0.01
7) Phenol-d6	6.42	99	1624073	129.37	ng	-0.02
23) Nitrobenzene-d5	7.34	82	1172309	94.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	403594	120.51	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1740030	99.31	ng	-0.03
78) Terphenyl-d14	12.89	244	1549924	90.89	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	347321	14.53	ng	99
70) Phenanthrene	11.32	178	137683	4.63	ng	99
74) Fluoranthene	12.50	202	217757	7.26	ng	97
77) Pyrene	12.73	202	194095	7.17	ng	99
80) Benzo(a)anthracene	13.92	228	89346	4.46	ng	97
82) Chrysene	13.95	228	55092m	2.53	ng	
85) Indeno(1,2,3-cd)pyrene	16.66	276	38063	2.36	ng	97
87) Benzo(b)fluoranthene	14.93	252	78226m	4.17	ng	
89) Benzo(a)pyrene	15.27	252	54799	3.10	ng	# 95
91) Benzo(g,h,i)perylene	17.06	276	35145	2.42	ng	98

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

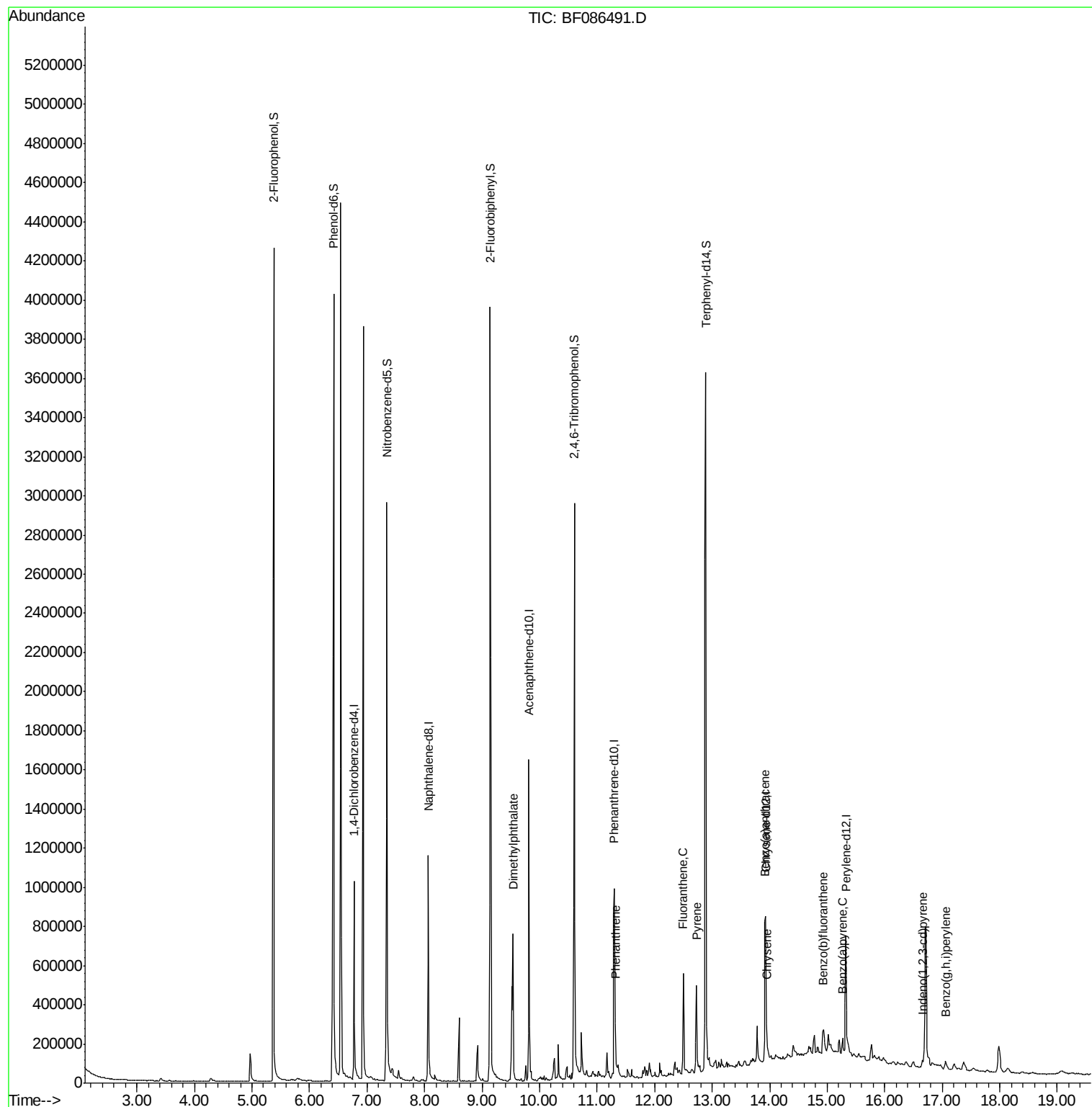
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086491.D
Acq On : 29 Apr 2016 14:46
Operator : UM/SJ
Sample : H2685-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

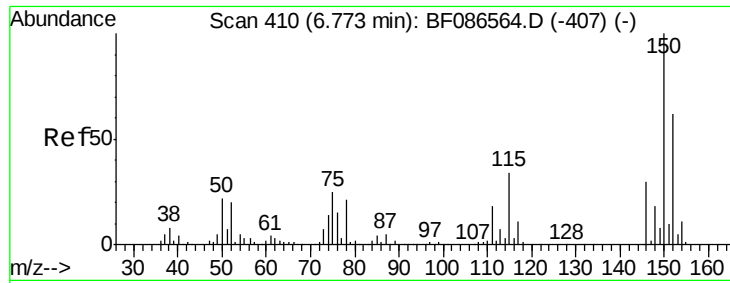
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

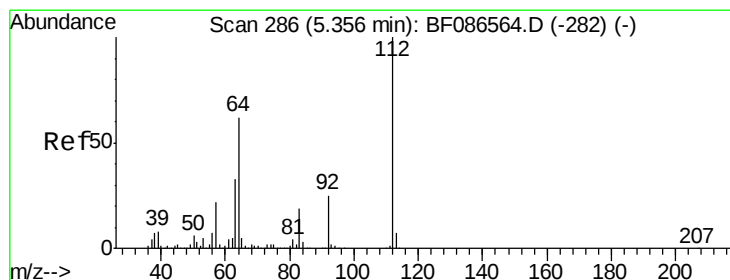
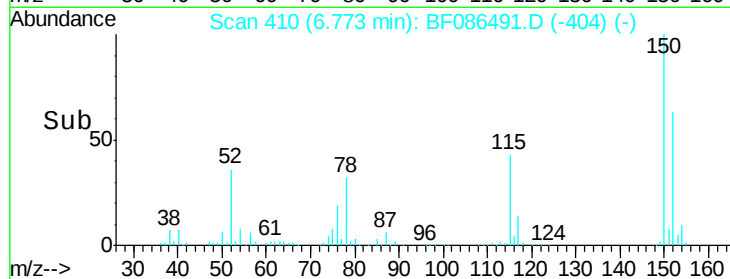
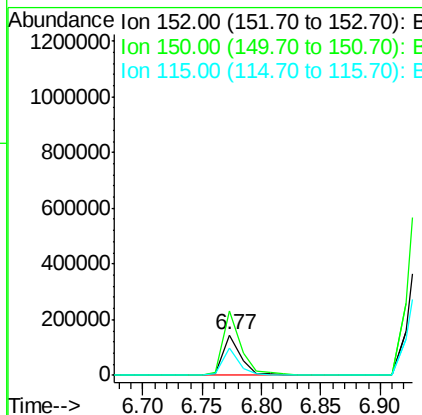
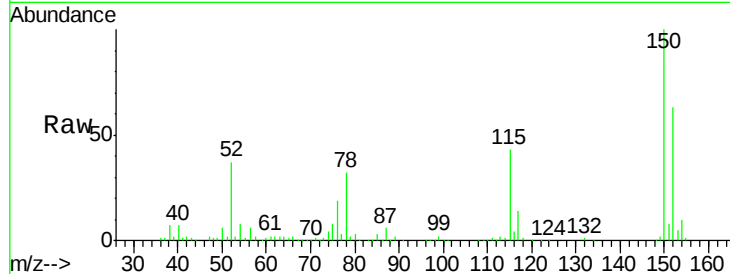
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086491.D
Acq: 29 Apr 2016 14:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-1(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	155149		
150	159.2	125.8	188.6	
115	68.3	51.5	77.3	

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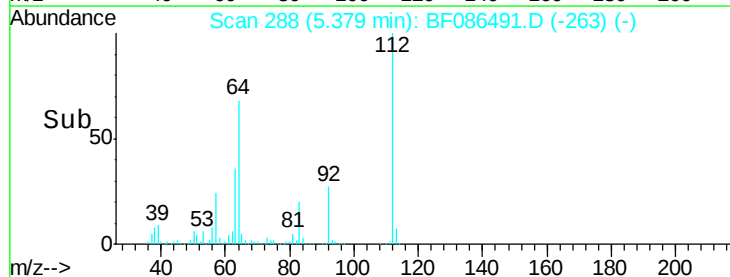
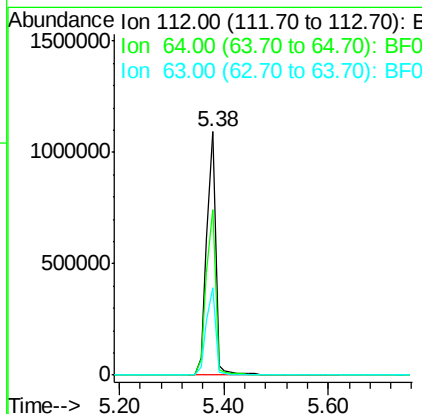
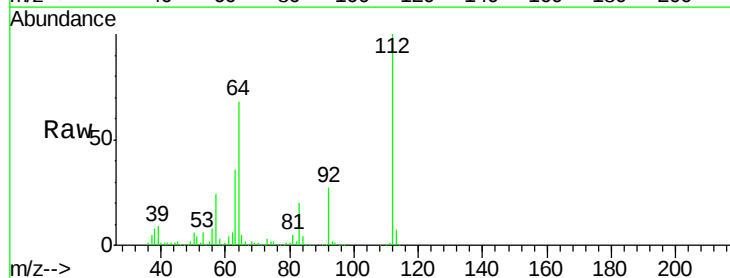
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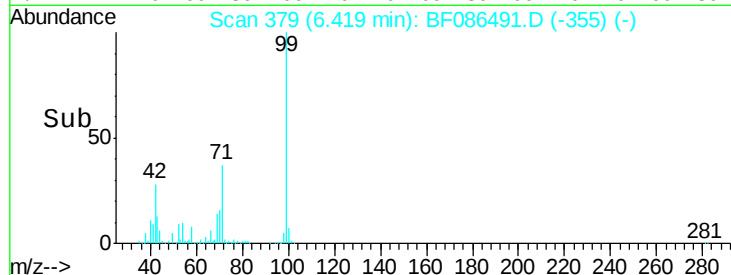
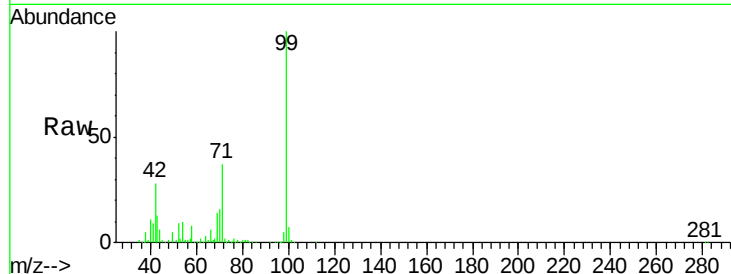
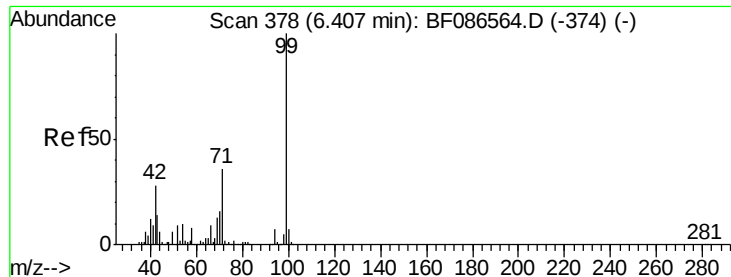


#5

2-Fluorophenol
Concen: 146.04 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF086491.D
Acq: 29 Apr 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1313638		
64	67.8	52.1	78.1	
63	36.1	25.7	38.5	





#7

Phenol-d6

Concen: 129.37 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Tot Ion: 99 Resp: 1624073

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

71 37.1 24.6 36.8#

Instrument :

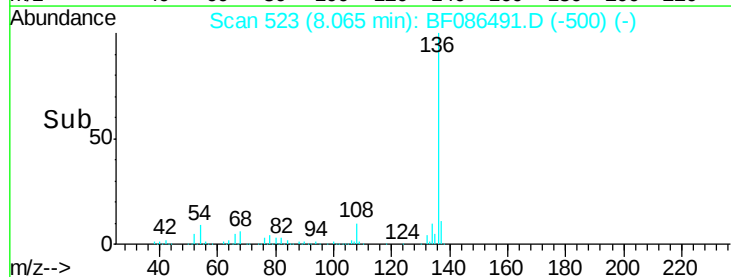
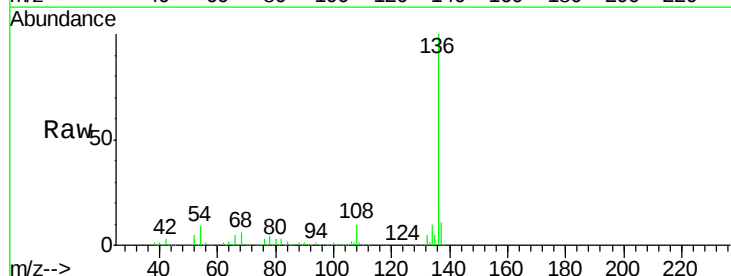
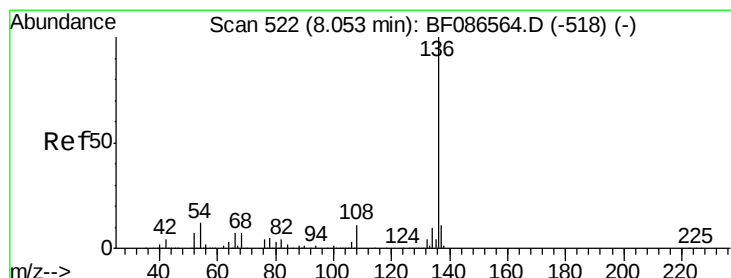
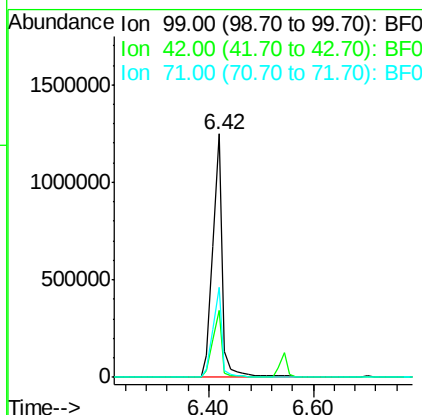
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Tgt Ion: 136 Resp: 668416

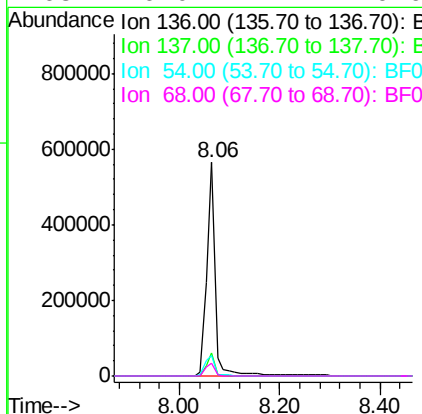
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 5.0 7.4#

68 6.0 4.4 6.6





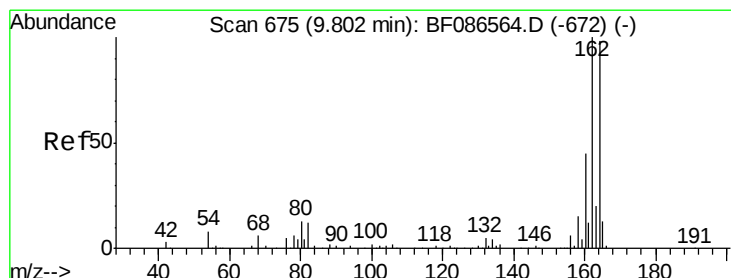
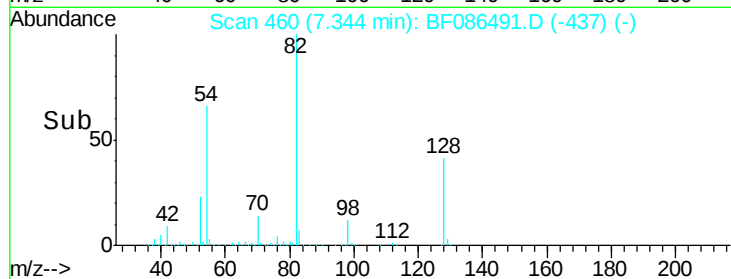
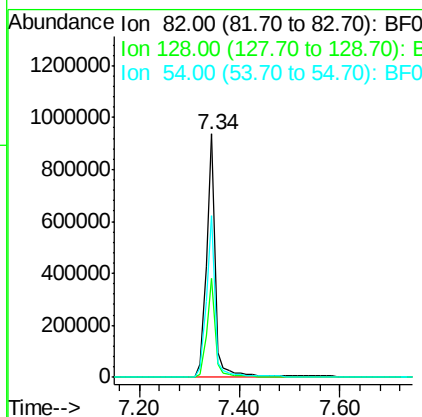
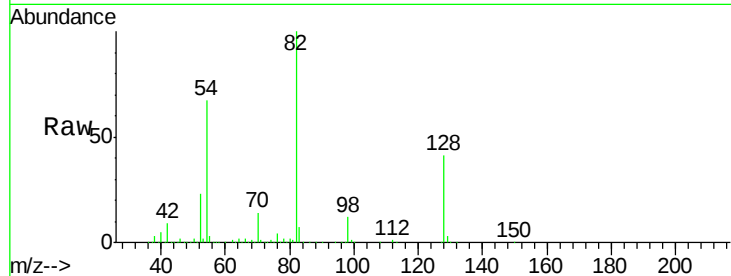
#23
 Nitrobenzene-d5
 Concen: 94.54 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086491.D
 Acq: 29 Apr 2016 14:46

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-1(0-6FTBGS)

Tot Ion	82	Resp	1172309
Ion Ratio	100	Lower	Upper
82	100		
128	40.5	40.6	61.0#
54	66.5	38.1	57.1#

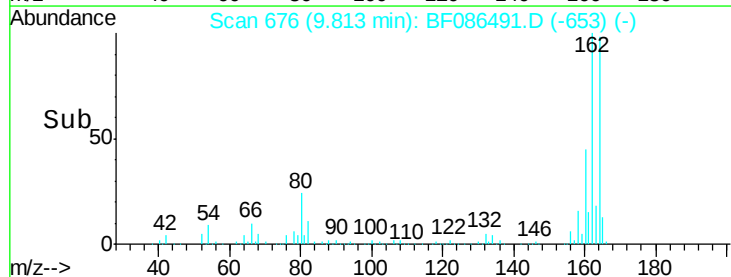
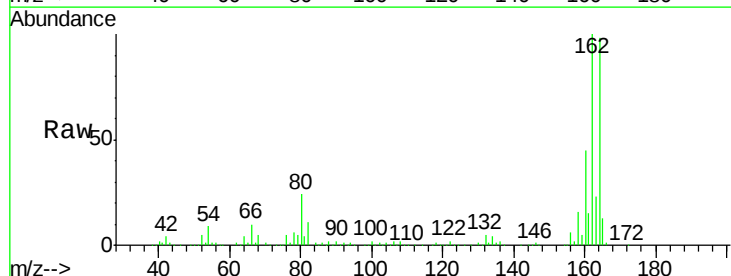
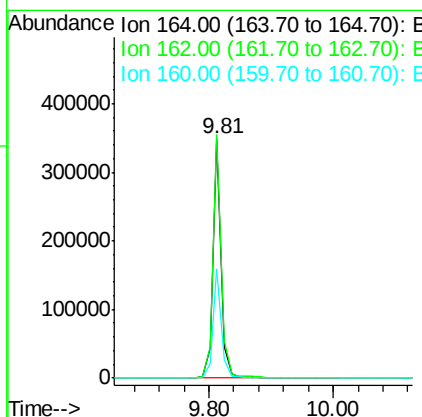
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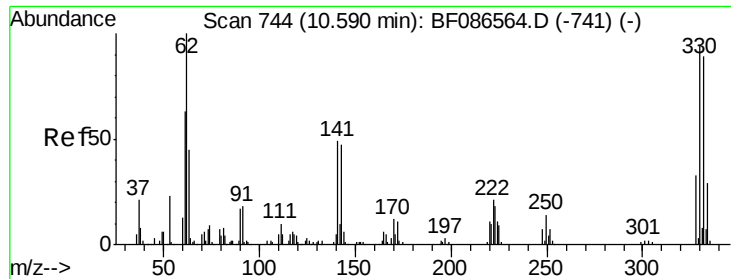
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086491.D
 Acq: 29 Apr 2016 14:46

Tgt Ion	164	Resp	317567
Ion Ratio	100	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.6	36.9	55.3





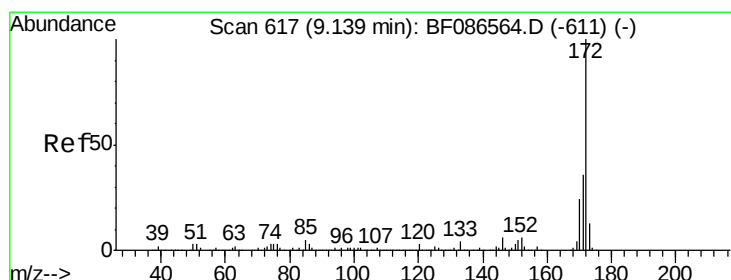
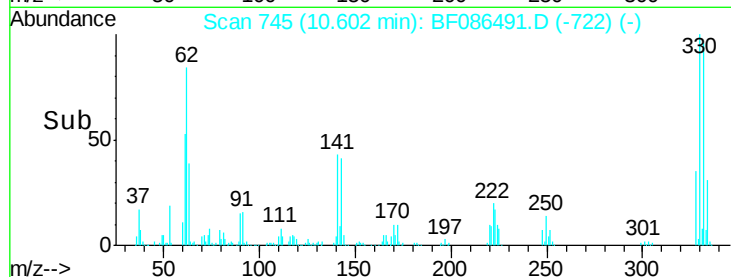
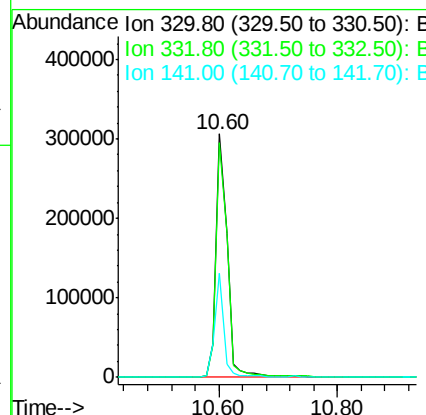
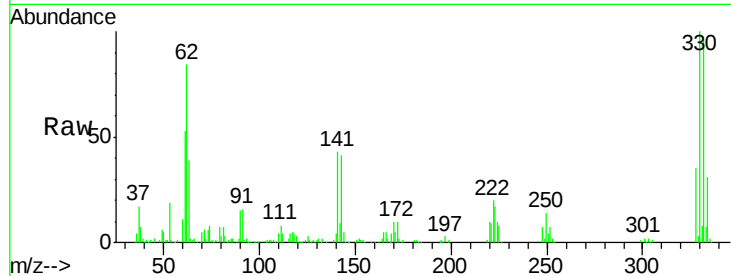
#41
 2,4,6-Tribromophenol
 Concen: 120.51 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086491.D
 Acq: 29 Apr 2016 14:46

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-1(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	79.0	118.4	
141	35.0	31.2	46.8	

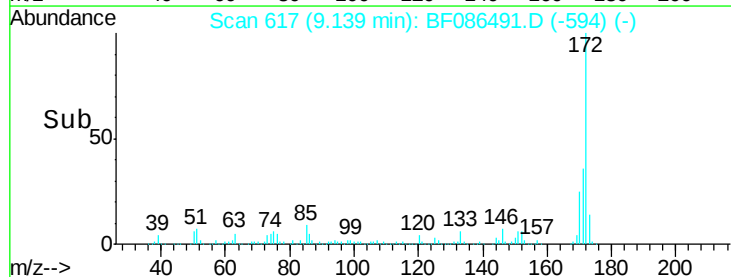
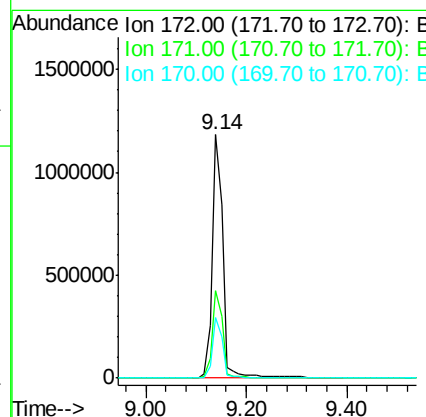
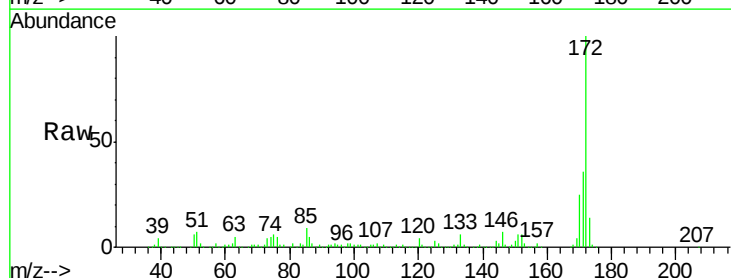
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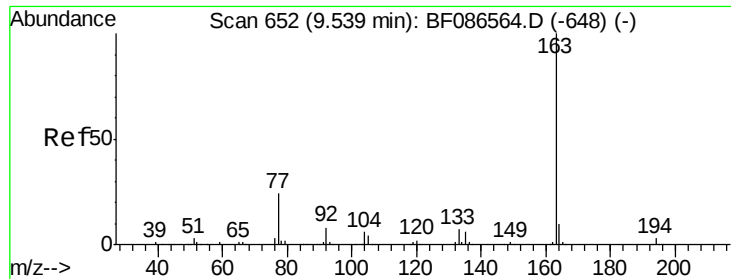
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#44
 2-Fluorobiphenyl
 Concen: 99.31 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086491.D
 Acq: 29 Apr 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.0	43.6	
170	24.7	19.8	29.8	





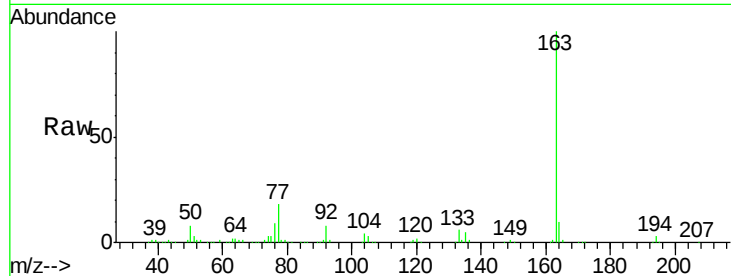
#49
Dimethylphthalate
Concen: 14.53 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086491.D
Acq: 29 Apr 2016 14:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-1(0-6FTBGS)

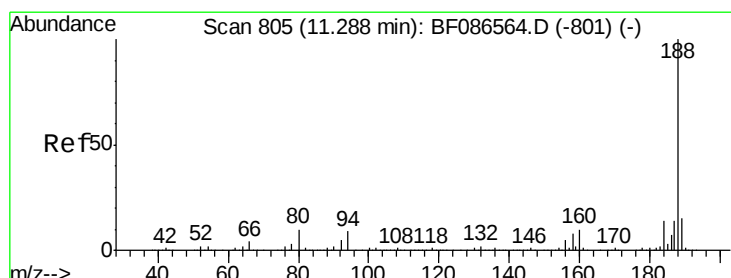
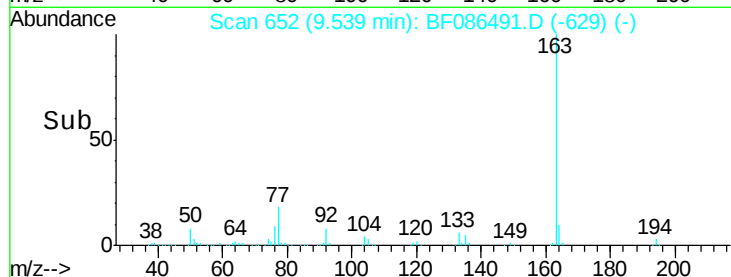
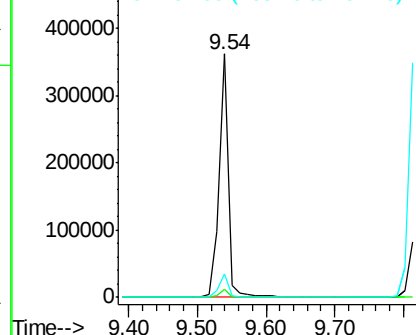
Tot Ion	Ratio	Resp	Lower	Upper
163	100	347321		
194	3.5	2.6	4.0	
164	9.7	8.2	12.4	

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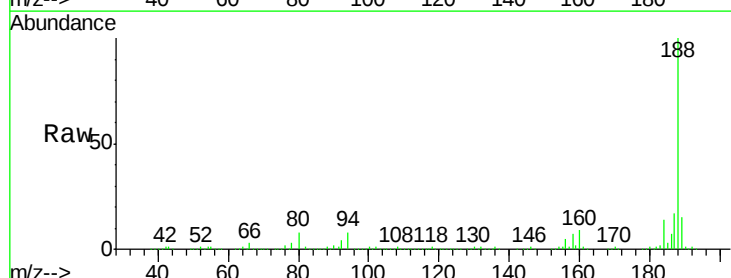


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

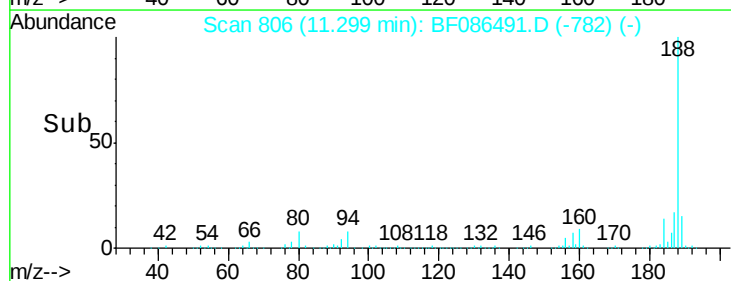
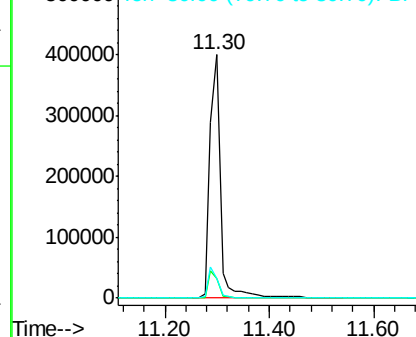


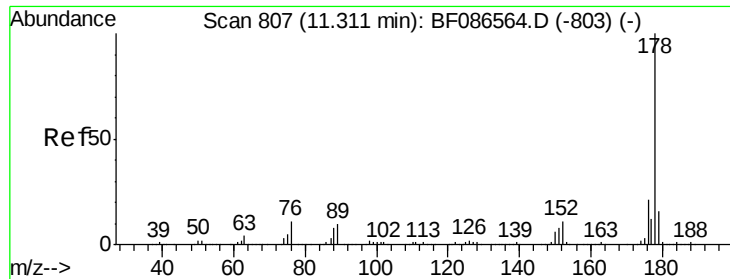
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF086491.D
Acq: 29 Apr 2016 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	566284		
94	8.2	6.8	10.2	
80	8.1	7.1	10.7	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.63 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Instrument :

BNA_F

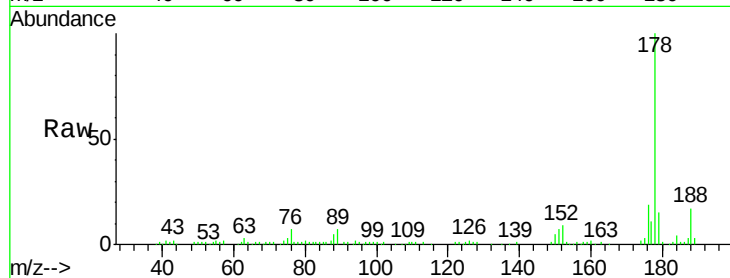
ClientSampleId :

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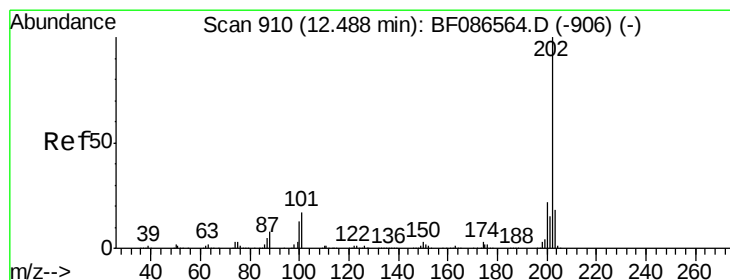
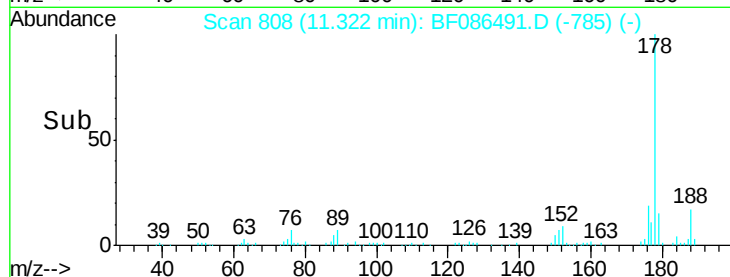
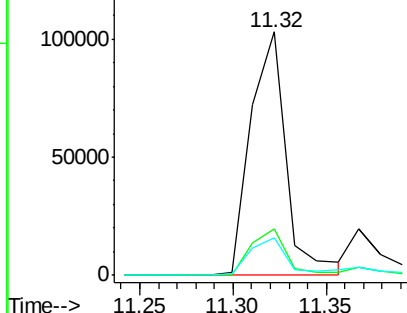
Tot Ion:	178	Resp:	137683
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.0	24.0
179	15.3	12.6	18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 7.26 ng

RT: 12.50 min Scan# 911

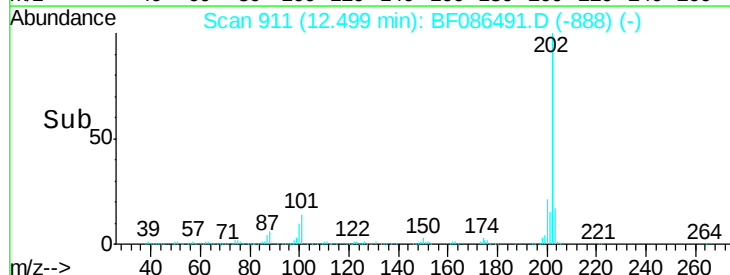
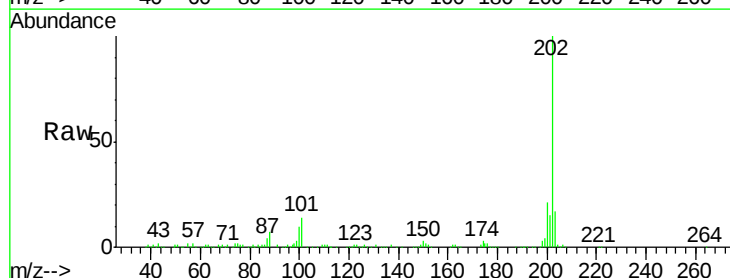
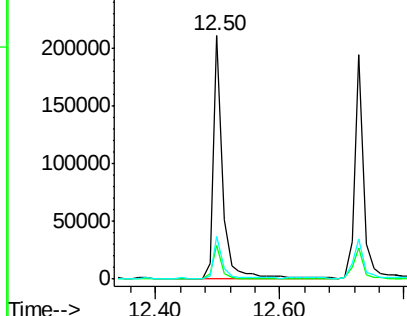
Delta R.T. -0.03 min

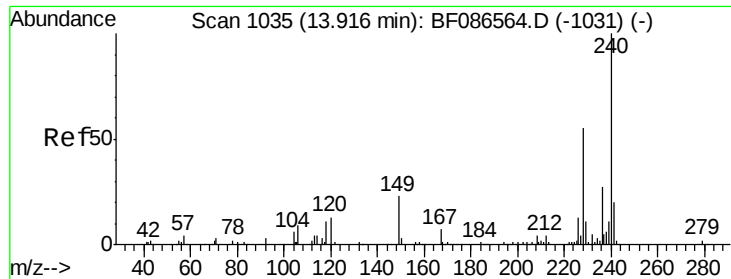
Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Tgt Ion:	202	Resp:	217757
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	35.4
203	17.3	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Instrument :

BNA_F

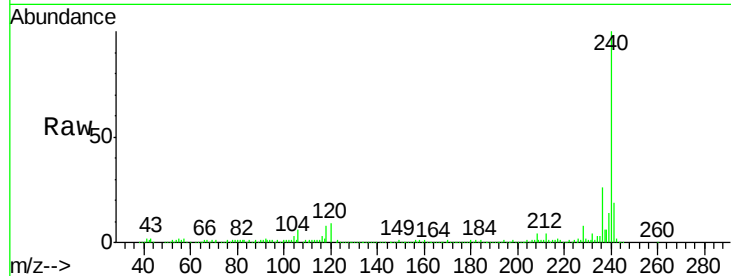
ClientSampleId :

26WARD-2A-CS-1(0-6FTBGS)

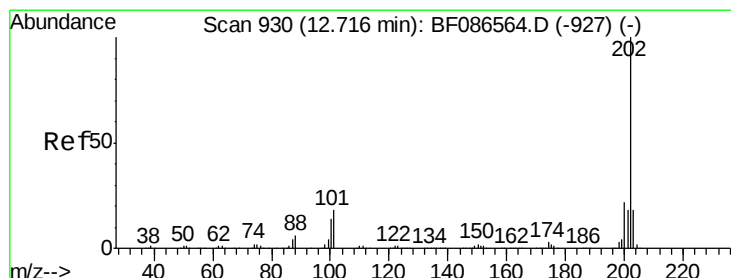
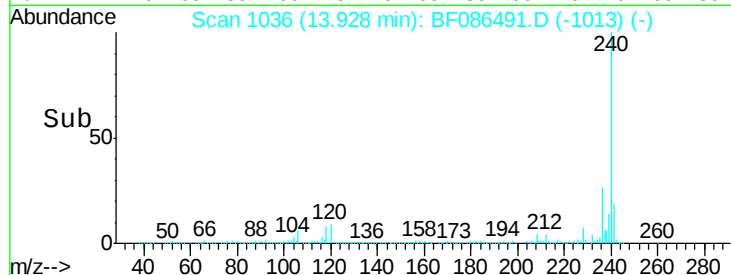
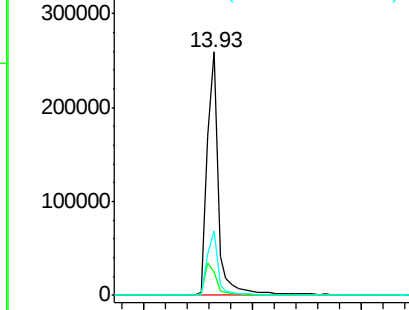
Tot Ion:	240	Resp:	375683
Ion Ratio	Lower	Upper	
240	100		
120	9.5	11.2	16.8#
236	26.3	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.17 ng

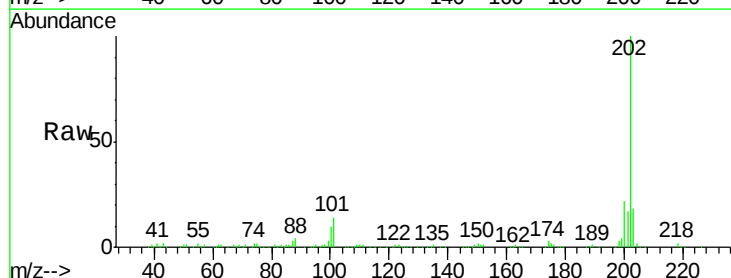
RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

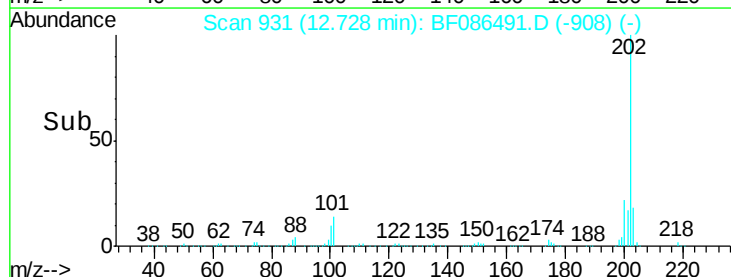
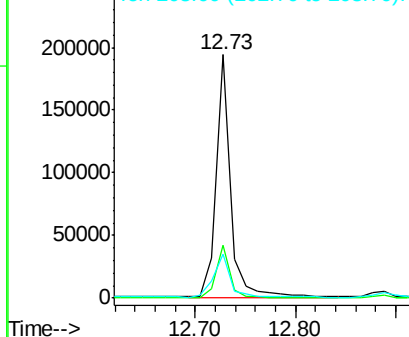
Lab File: BF086491.D

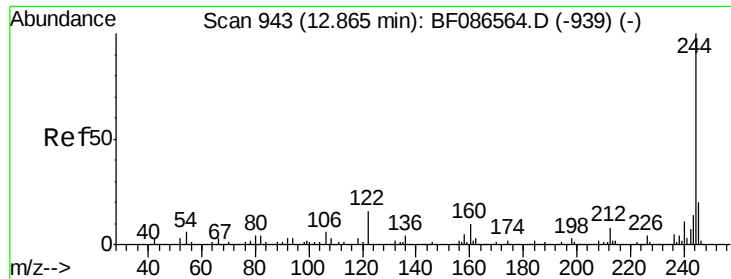
Acq: 29 Apr 2016 14:46

Tgt Ion:	202	Resp:	194095
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	18.0	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





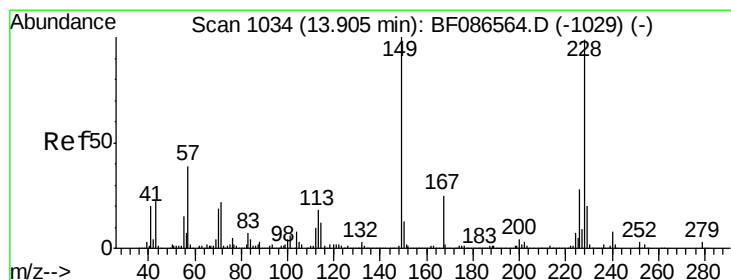
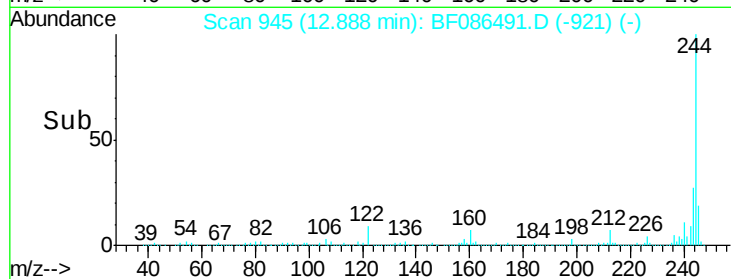
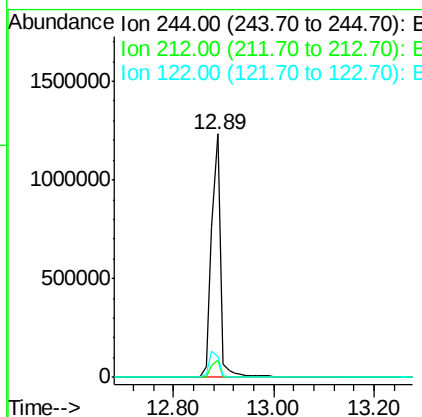
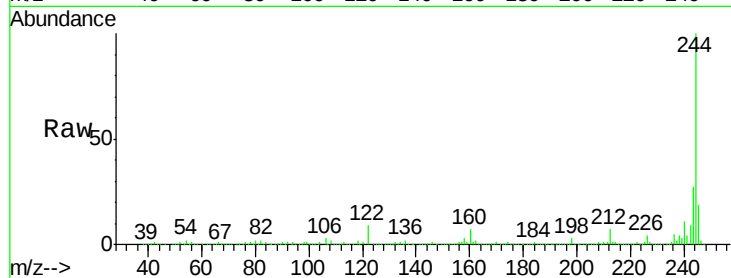
#78
 Terphenyl-d14
 Concen: 90.89 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086491.D
 Acq: 29 Apr 2016 14:46

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-1(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.7	12.0	18.0#

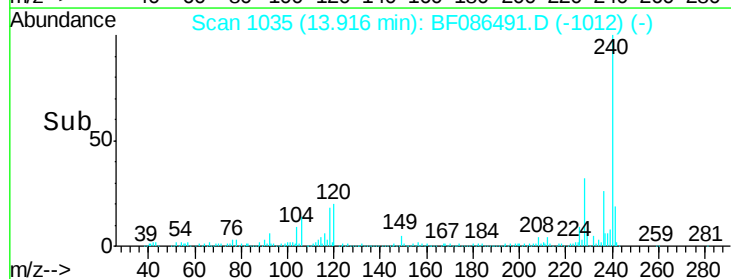
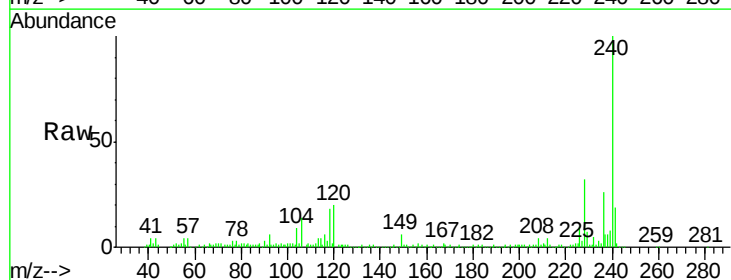
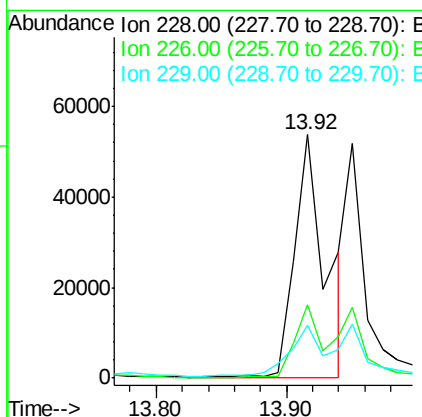
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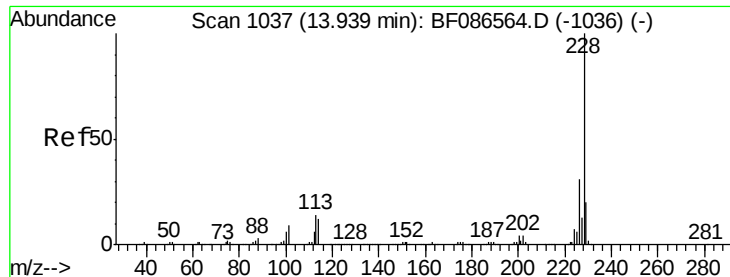
sohil
 4/30/2016 11:22:44 AM



#80
 Benzo(a)anthracene
 Concen: 4.46 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF086491.D
 Acq: 29 Apr 2016 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	21.8	16.6	25.0





#82

Chrysene

Concen: 2.53 ng/mL

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Instrument :

BNA_F

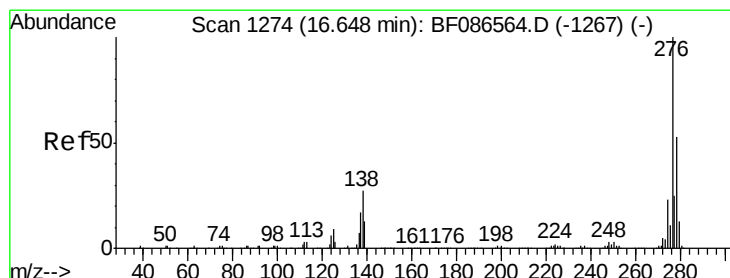
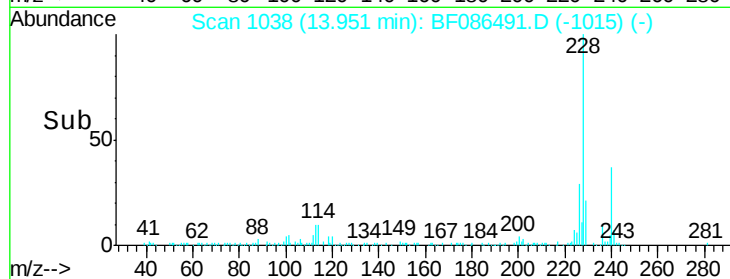
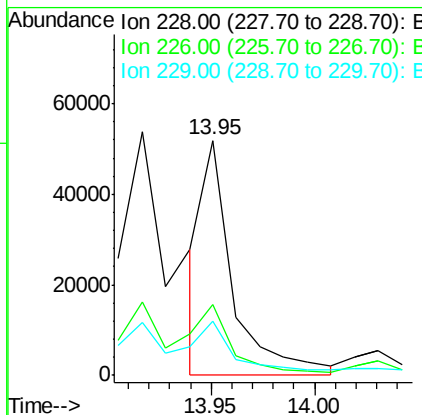
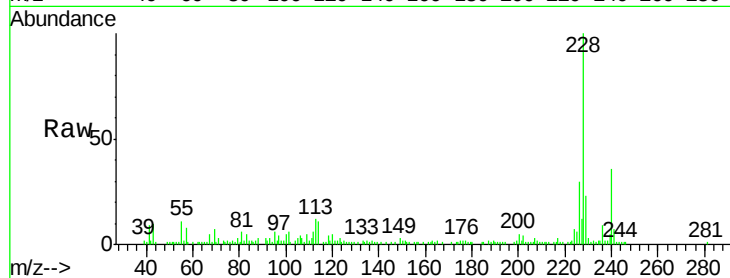
ClientSampleId :

26WARD-2A-CS-1(0-6FTBGS)

Tot Ion:	228	Resp:	55092
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	22.8	15.8	23.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.36 ng/mL

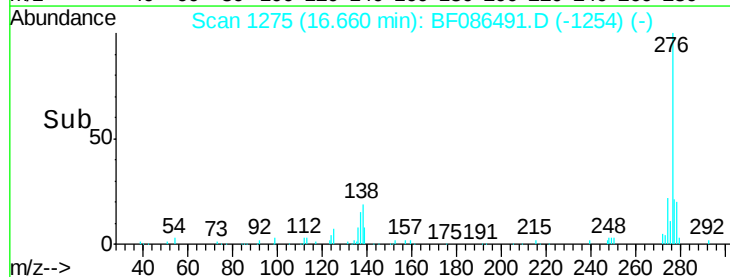
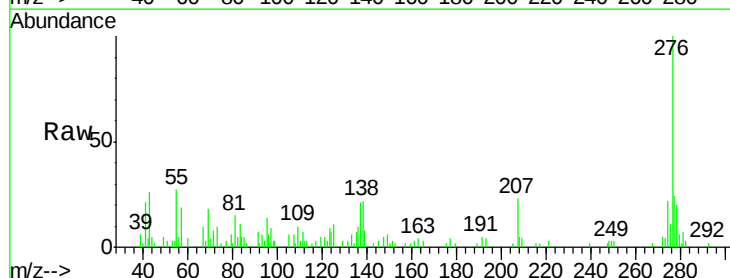
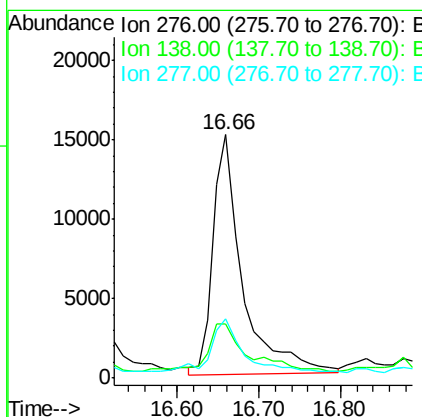
RT: 16.66 min Scan# 1275

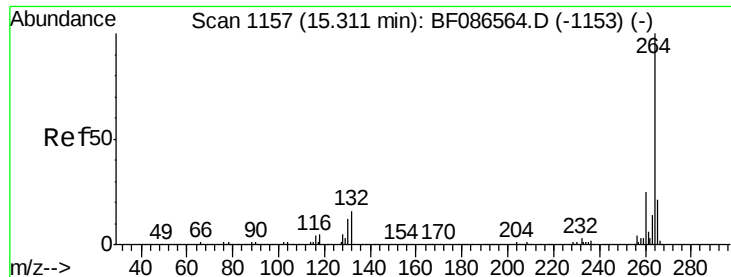
Delta R.T. -0.06 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Tgt Ion:	276	Resp:	38063
Ion Ratio	Lower	Upper	
276	100		
138	29.5	25.6	38.4
277	26.1	20.5	30.7





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Instrument :

BNA_F

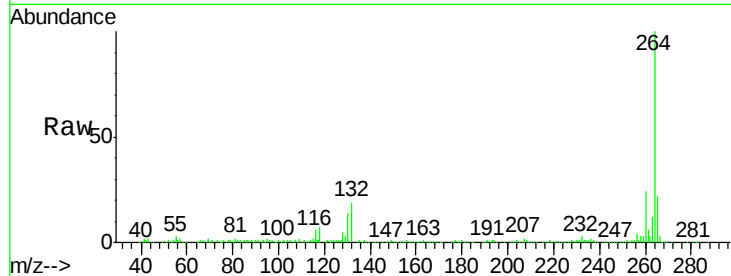
ClientSampleId :

26WARD-2A-CS-1(0-6FTBGS)

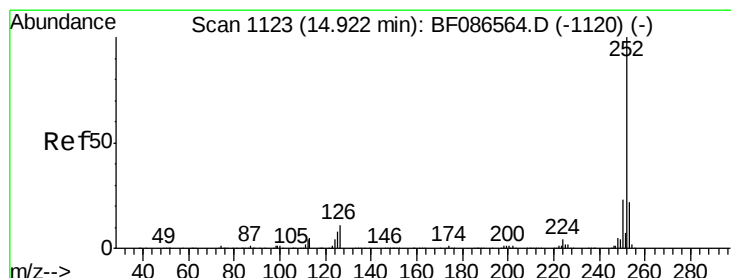
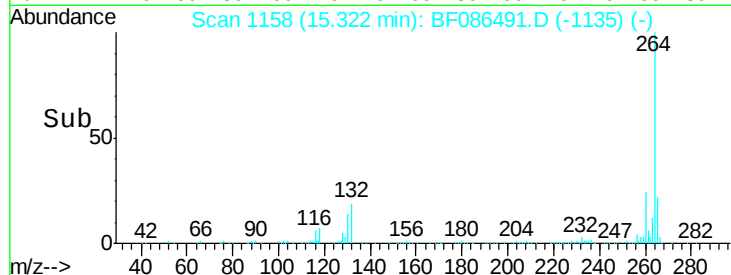
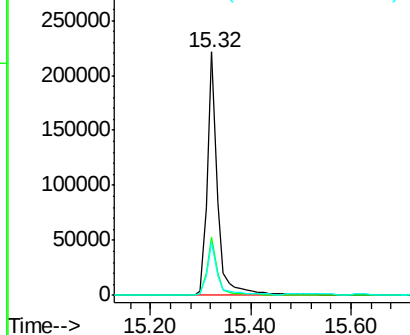
Tot Ion:	264	Resp:	318729
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.3	25.9

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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



#87

Benzo(b)fluoranthene

Concen: 4.17 ng m

RT: 14.93 min Scan# 1124

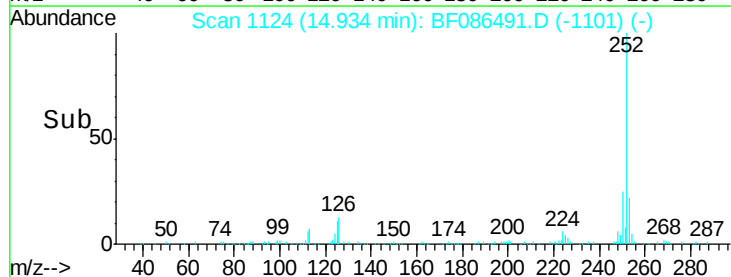
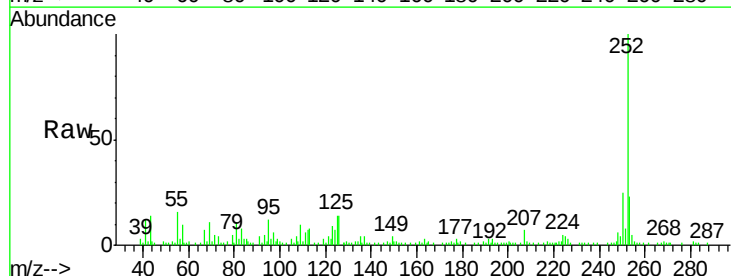
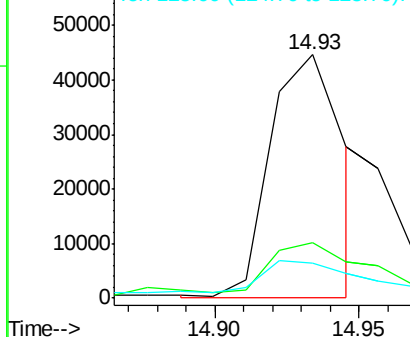
Delta R.T. -0.03 min

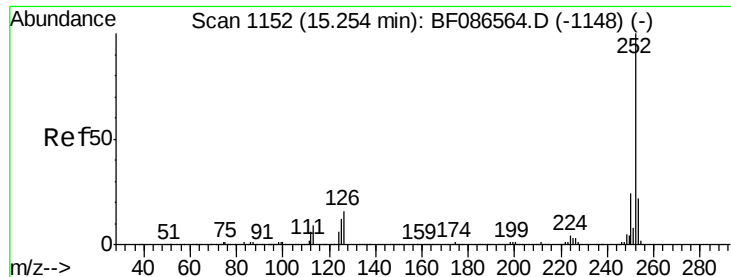
Lab File: BF086491.D

Acq: 29 Apr 2016 14:46

Tgt Ion:	252	Resp:	78226
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.8	26.6
125	14.1	11.4	17.0

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





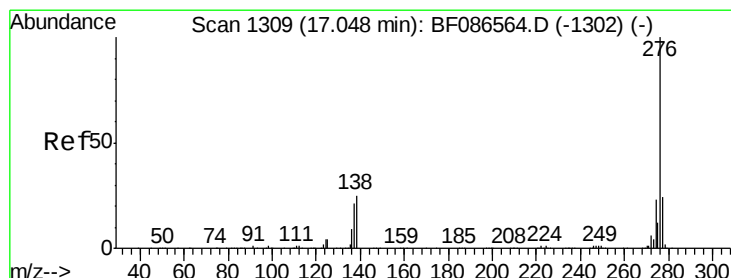
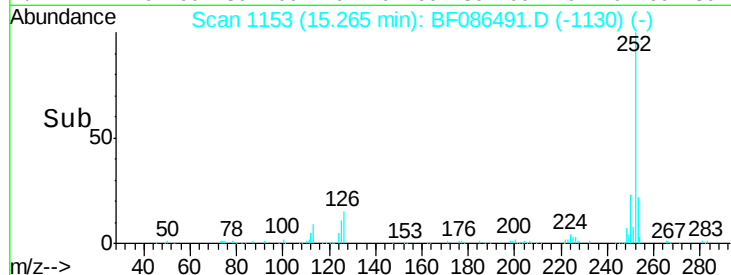
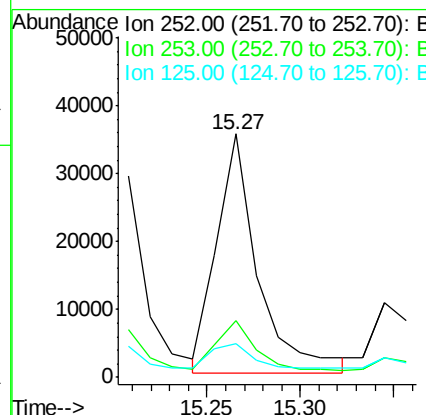
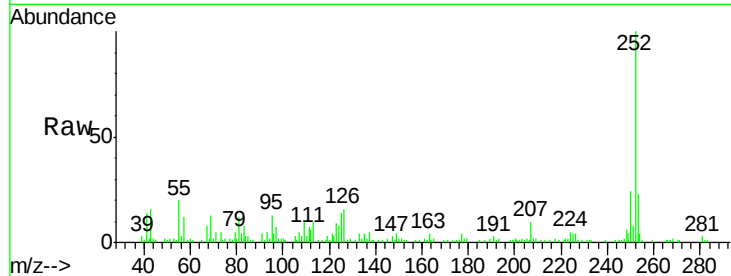
#89
Benzo(a)pyrene
Concen: 3.10 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF086491.D
Acq: 29 Apr 2016 14:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-1(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	13.8	9.0	13.6

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#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.07 min
Lab File: BF086491.D
Acq: 29 Apr 2016 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	28.2	23.6	35.4

