

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082459.D
 Acq On : 22 Oct 2015 21:59
 Operator : UM/IZ
 Sample : G4119-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-27-2.5-3

Manual Integrations
 APPROVED

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Quant Time: Oct 23 11:31:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	92335m	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	353242	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	164349	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	279360	20.00	ng	0.00
75) Chrysene-d12	13.98	240	219349	20.00	ng	-0.02
86) Perylene-d12	15.48	264	185543	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	113144	24.73	ng	0.02
7) Phenol-d6	6.42	99	600930	100.93	ng	0.00
23) Nitrobenzene-d5	7.34	82	447324	85.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	1957	1.27	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	742487	74.92	ng	-0.01
78) Terphenyl-d14	12.89	244	571673	69.06	ng	0.00
Target Compounds						
10) Phenol	6.43	94	18069	2.63	ng	Qvalue # 79
37) 2-Methylnaphthalene	8.77	142	49199	4.63	ng	96
49) Dimethylphthalate	9.53	163	231560	20.01	ng	100
70) Phenanthrene	11.33	178	113847	8.31	ng	99
74) Fluoranthene	12.51	202	147957	10.06	ng	99
77) Pyrene	12.74	202	147172	11.31	ng	98
79) Butylbenzylphthalate	13.37	149	38605	6.50	ng	91
80) Benzo(a)anthracene	13.97	228	45795	4.01	ng	96
82) Chrysene	14.00	228	58050m	4.83	ng	
83) Bis(2-ethylhexyl)phthalate	13.96	149	344542	40.65	ng	# 97
87) Benzo(b)fluoranthene	15.06	252	57720m	5.11	ng	
91) Benzo(a,h,i)perylene	17.29	276	16781	2.17	ng	# 75

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

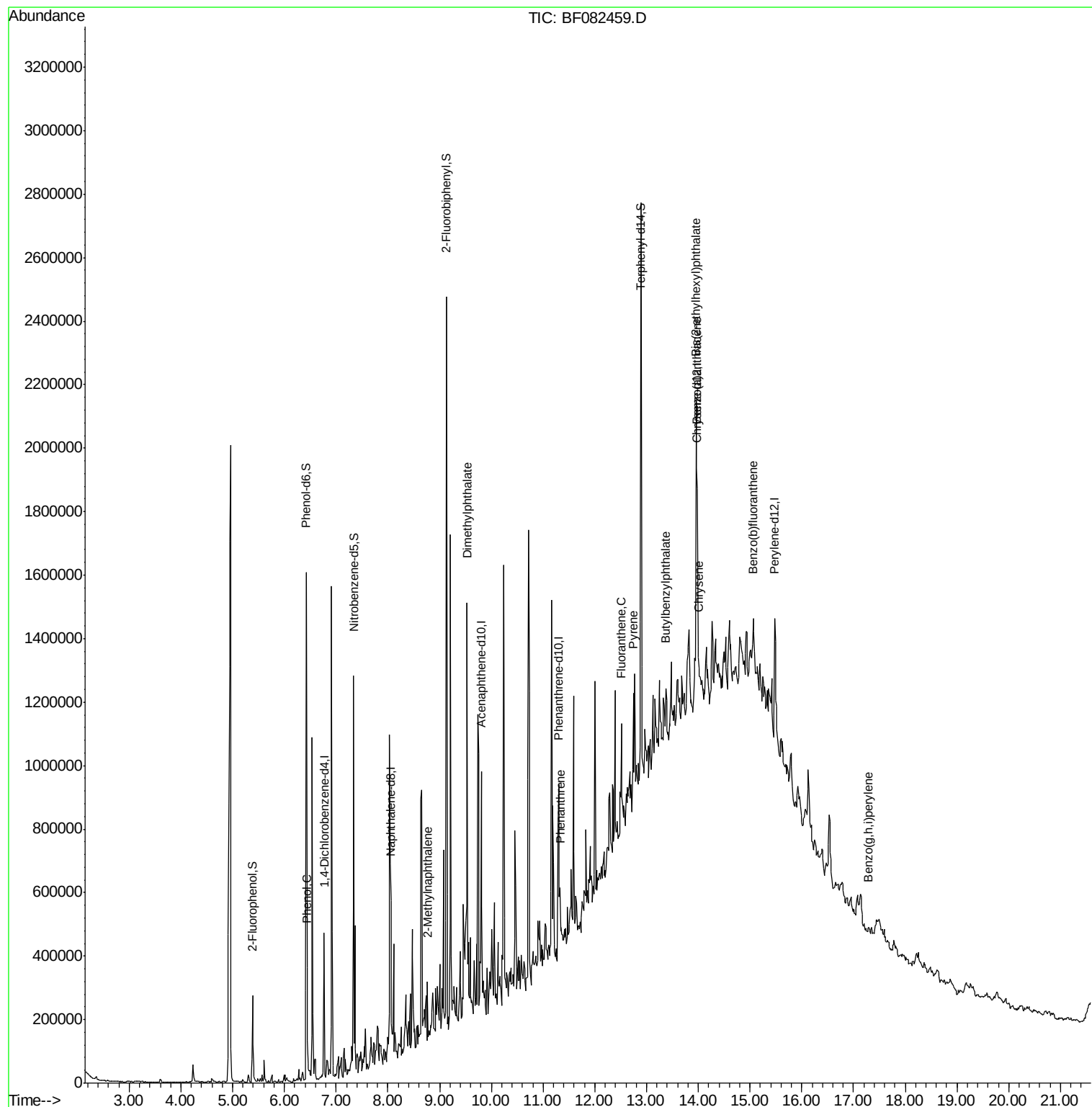
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082459.D
Acq On : 22 Oct 2015 21:59
Operator : UM/IZ
Sample : G4119-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

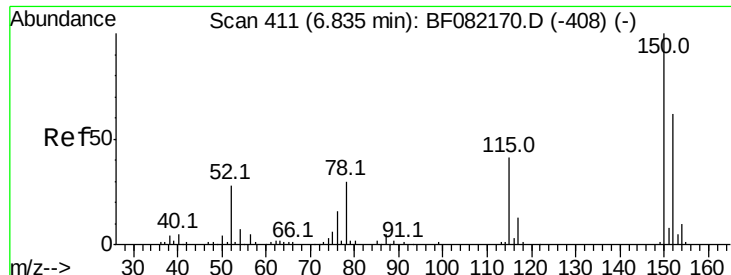
Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3

Manual Integrations
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Quant Time: Oct 23 11:31:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
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#1

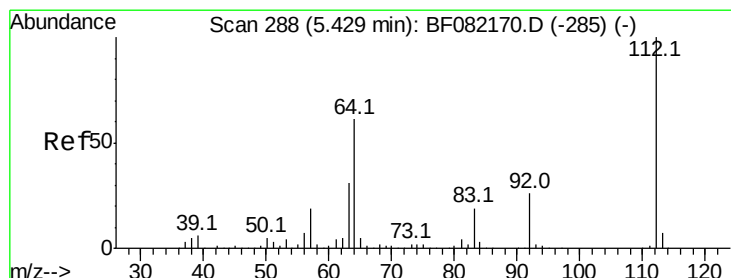
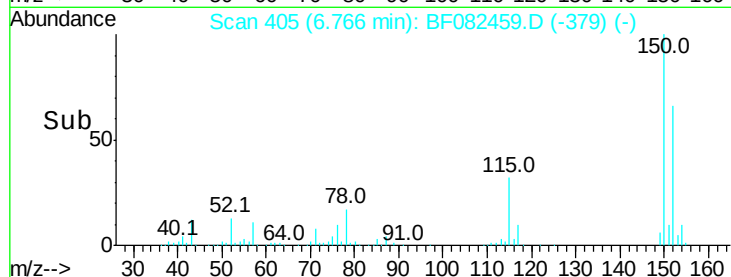
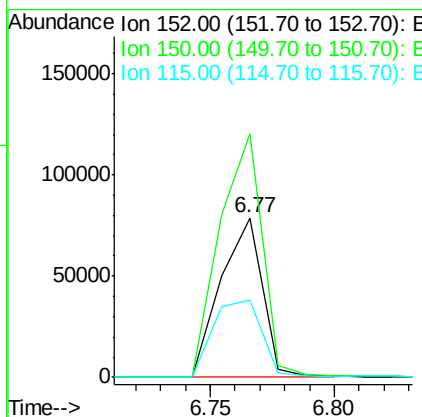
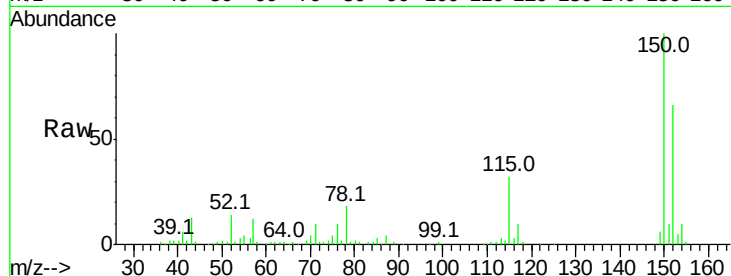
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	129.0	193.4
115	48.4	52.1	78.1#

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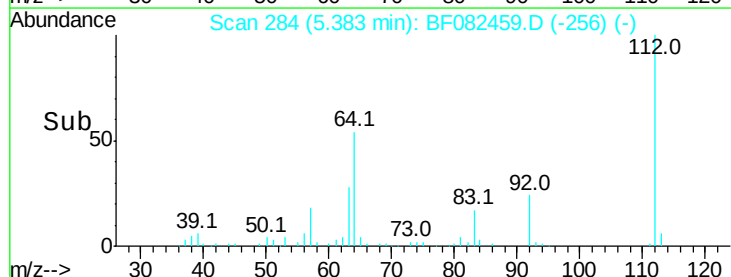
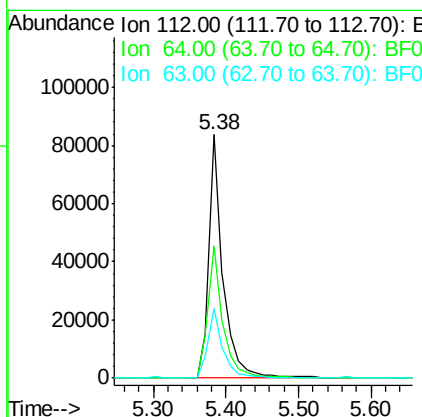
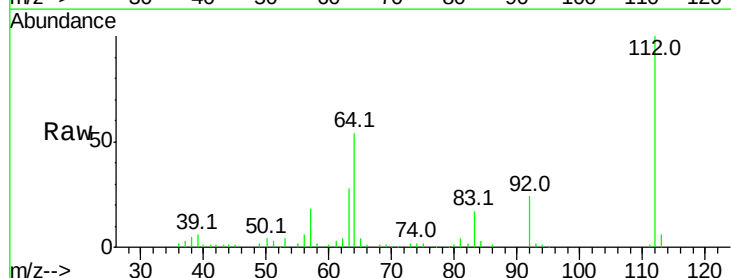
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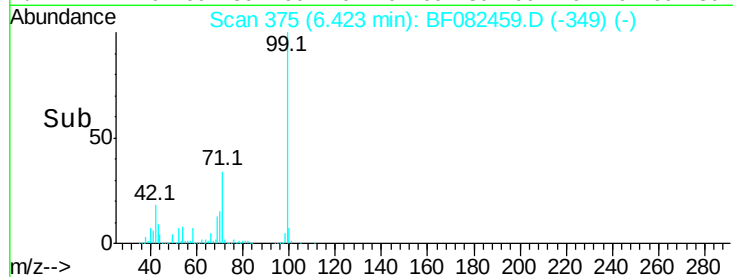
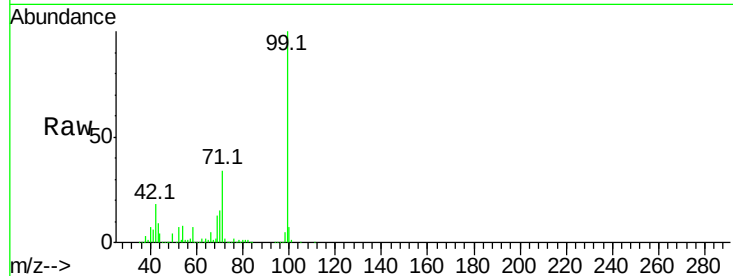
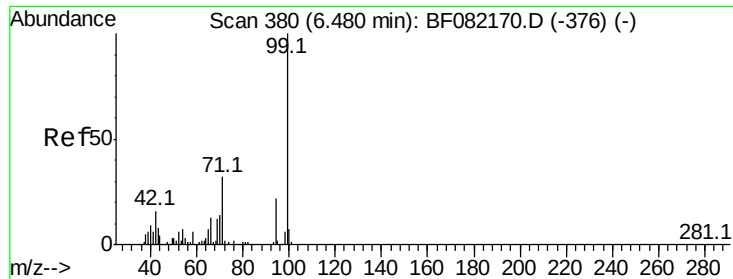


#5

2-Fluorophenol
Concen: 24.73 ng
RT: 5.38 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	48.6	73.0
63	28.4	25.1	37.7





#7

Phenol-d6

Concen: 100.93 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tot Ion:	99	Resp:	600930
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.2	19.8
71	34.3	25.6	38.4

Instrument :

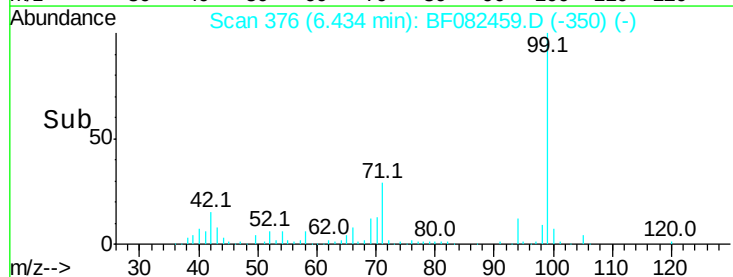
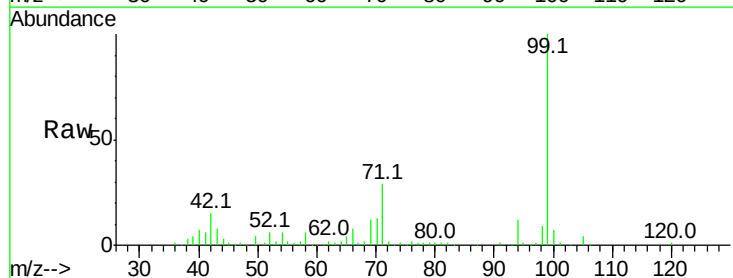
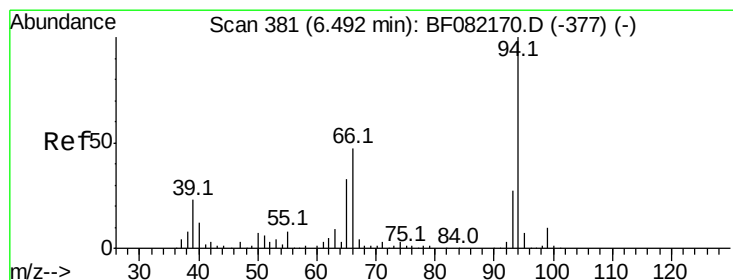
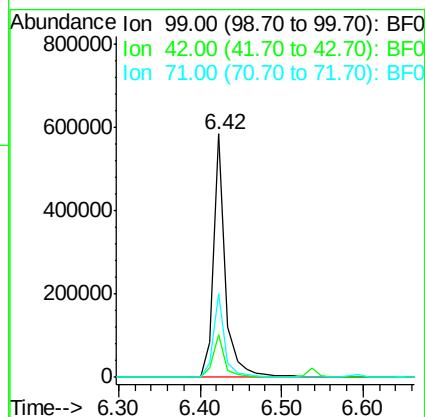
BNA_F

ClientSampleId :

SB15-27-2.5-3

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#10

Phenol

Concen: 2.63 ng

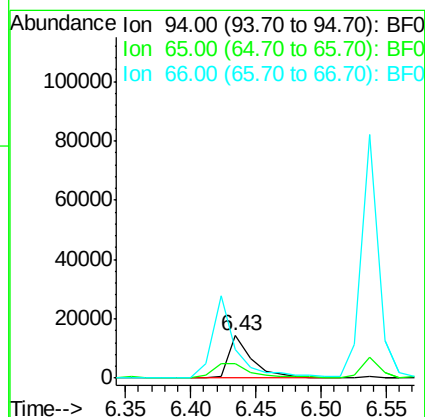
RT: 6.43 min Scan# 376

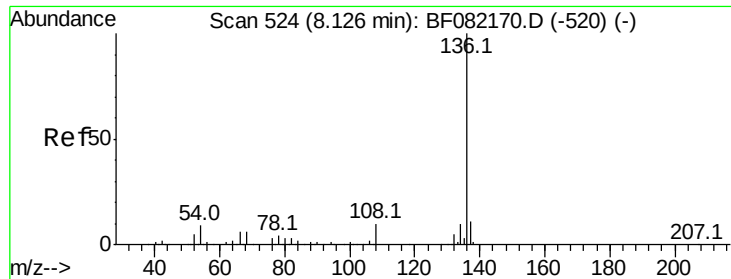
Delta R.T. -0.00 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tgt Ion:	94	Resp:	18069
Ion Ratio	Lower	Upper	
94	100		
65	35.4	12.6	52.6
66	68.5	27.3	67.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Instrument :

BNA_F

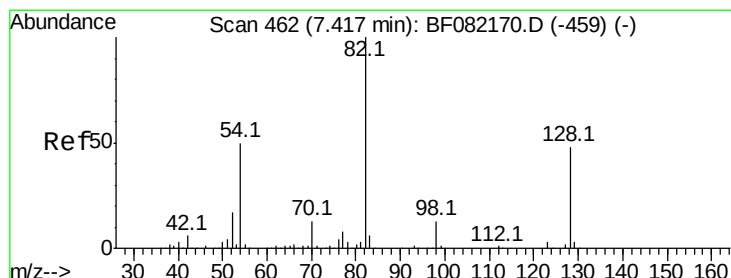
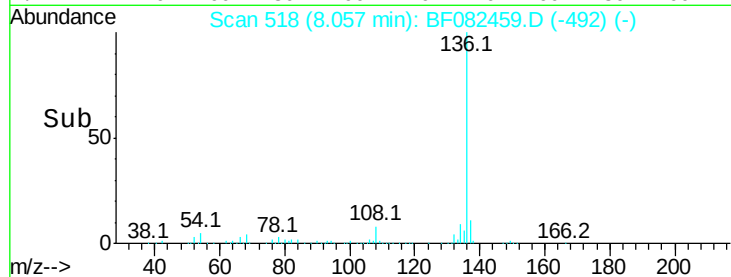
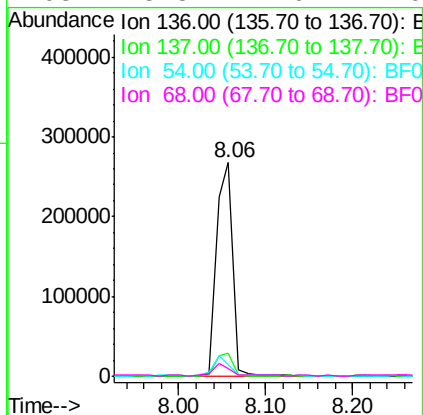
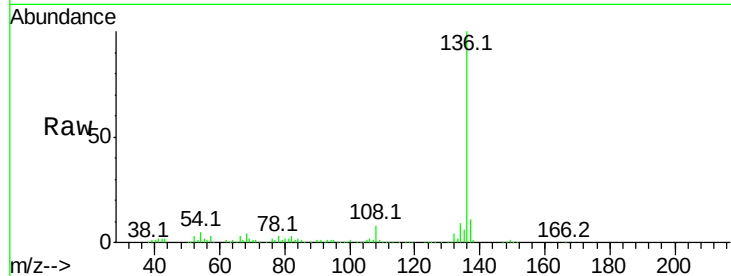
ClientSampleId :

SB15-27-2.5-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.0	13.6	
54	5.2	7.5	11.3	
68	3.8	4.6	7.0	

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#23

Nitrobenzene-d5

Concen: 85.04 ng

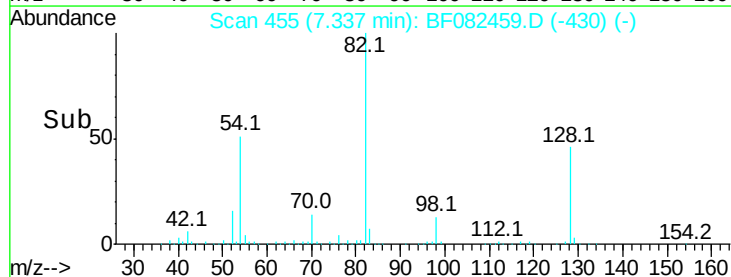
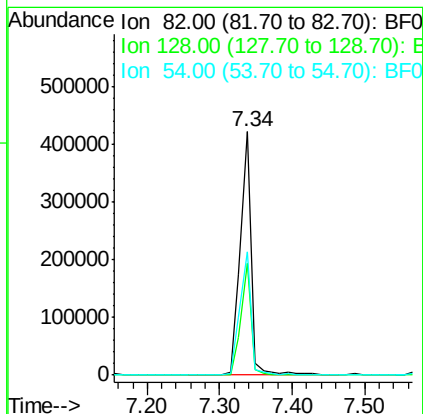
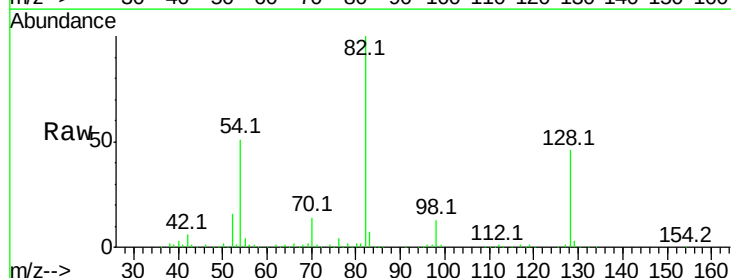
RT: 7.34 min Scan# 455

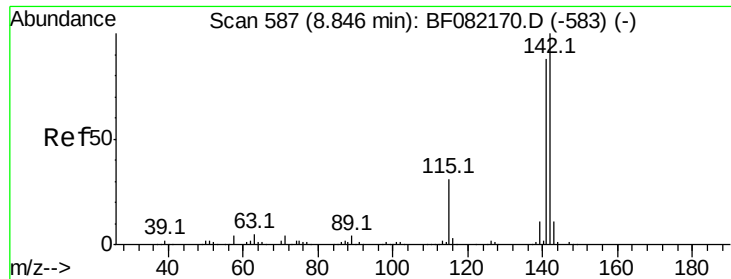
Delta R.T. -0.01 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	38.7	58.1	
54	50.6	40.1	60.1	





#37

2-Methylnaphthalene

Concen: 4.63 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Instrument :

BNA_F

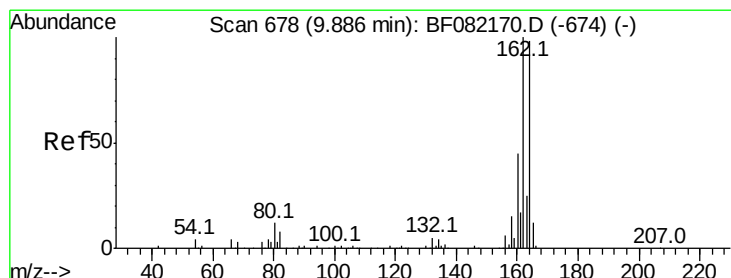
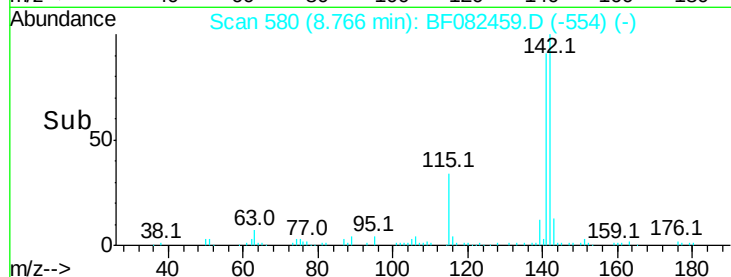
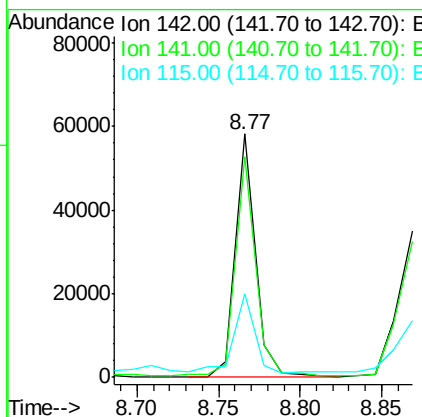
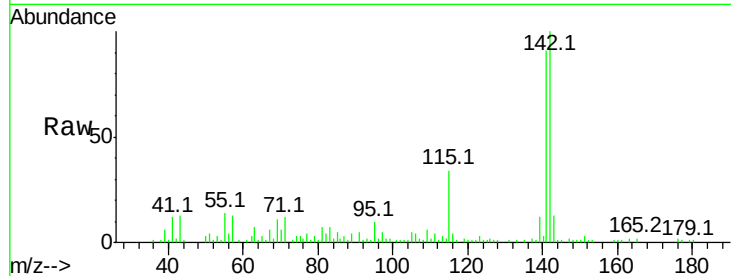
ClientSampleId :

SB15-27-2.5-3

Tot Ion:	142	Resp:	49199
Ion Ratio	Lower	Upper	
142	100		
141	90.8	70.4	105.6
115	34.2	24.6	37.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

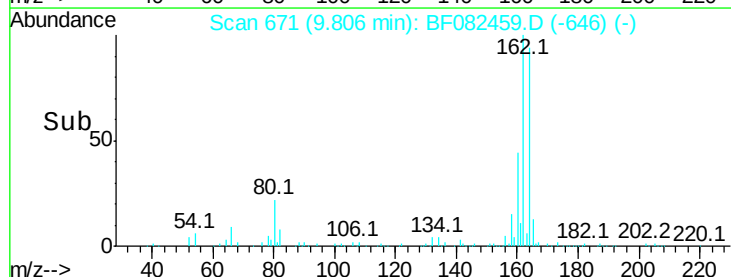
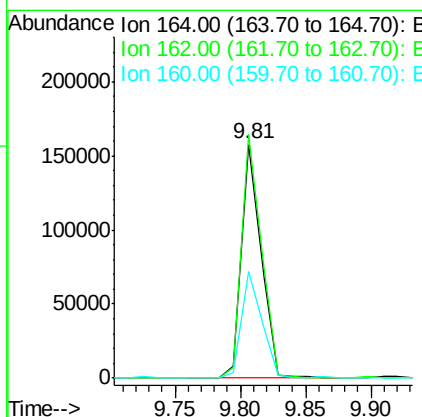
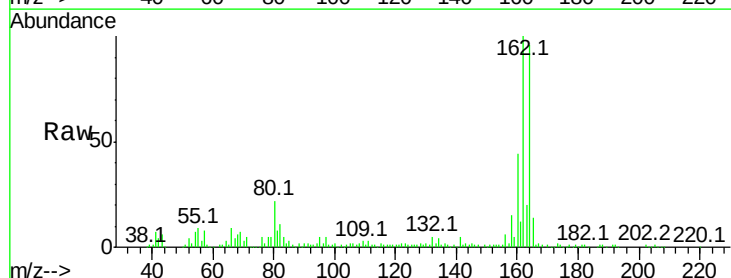
RT: 9.81 min Scan# 671

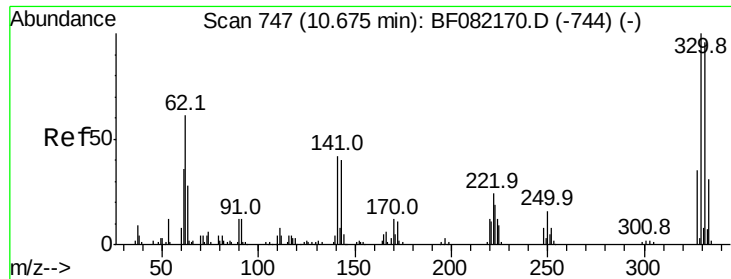
Delta R.T. -0.01 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tgt Ion:	164	Resp:	164349
Ion Ratio	Lower	Upper	
164	100		
162	104.3	81.6	122.4
160	45.6	36.4	54.6





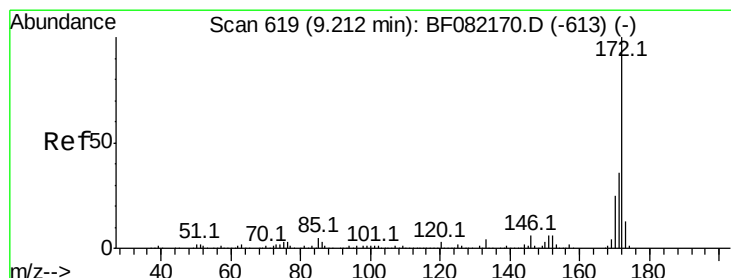
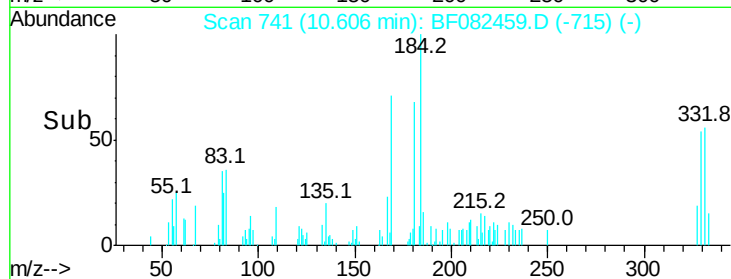
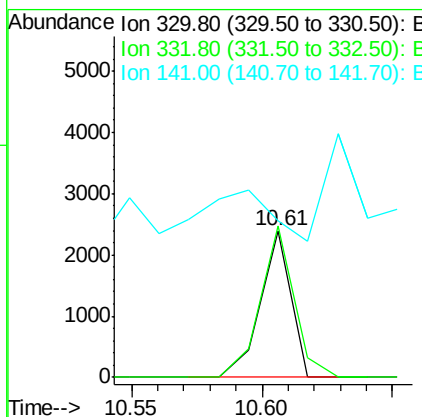
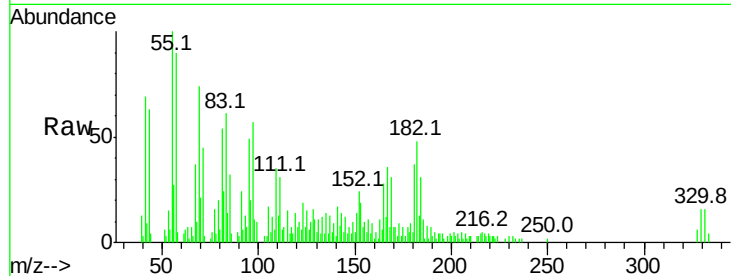
#41
 2,4,6-Tribromophenol
 Concen: 1.27 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082459.D
 Acq: 22 Oct 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SB15-27-2.5-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	114.1	77.1	115.7
141	76.7	29.8	44.8

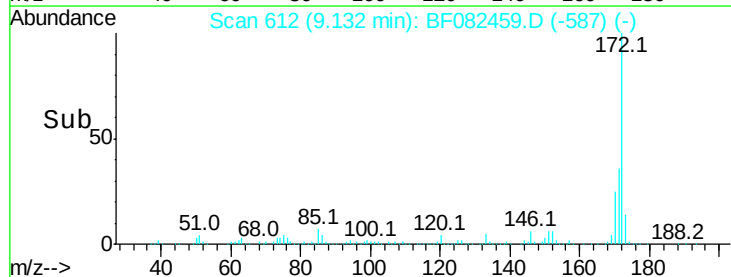
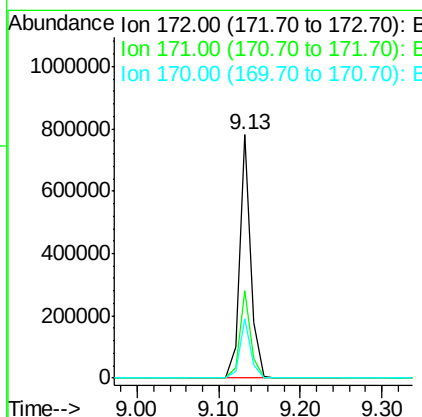
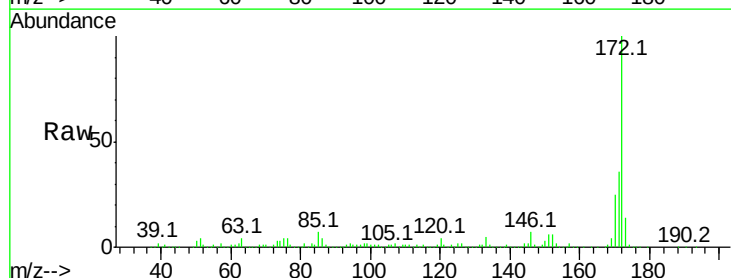
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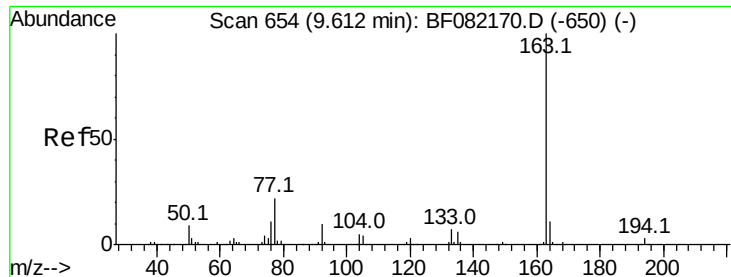
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#44
 2-Fluorobiphenyl
 Concen: 74.92 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082459.D
 Acq: 22 Oct 2015 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.5	19.7	29.5





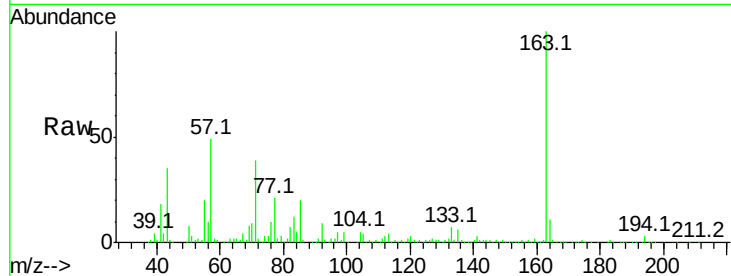
#49
Dimethylphthalate
Concen: 20.01 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3

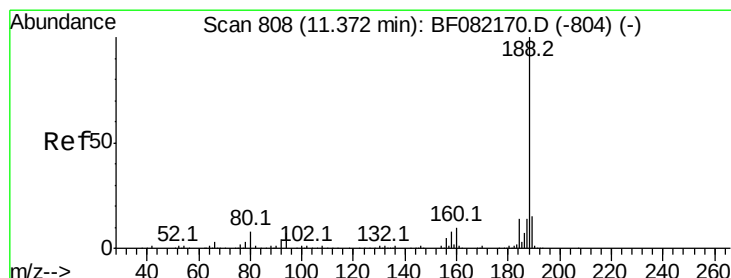
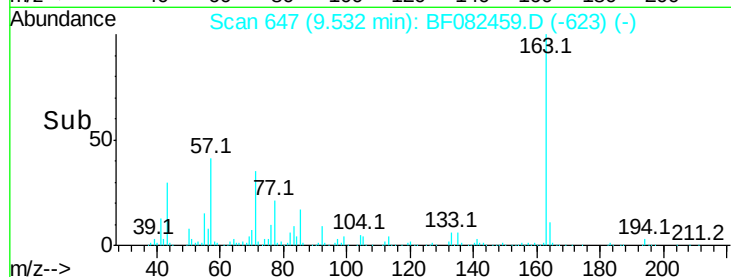
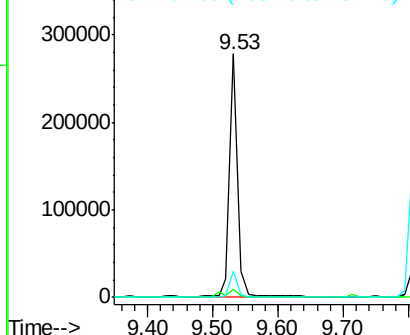
Tot Ion:	163	Resp:	231560
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.7	8.5	12.7

Manual Integrations
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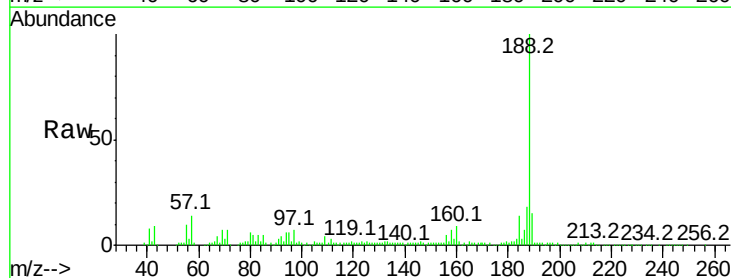


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

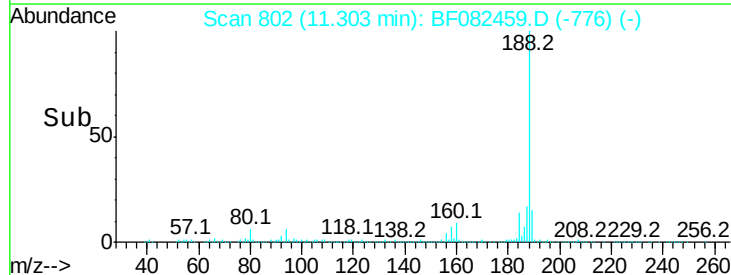
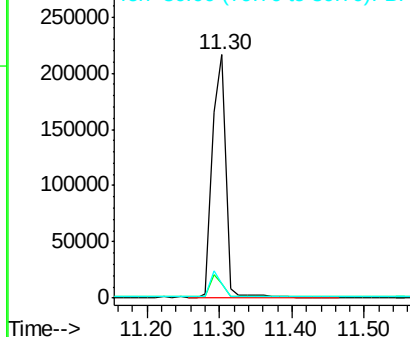


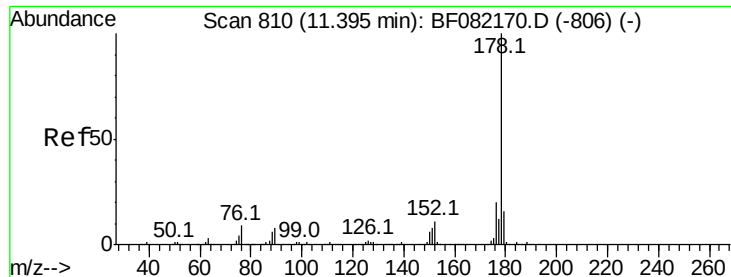
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Tgt Ion:	188	Resp:	279360
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.8	8.6
80	6.1	6.4	9.6#



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





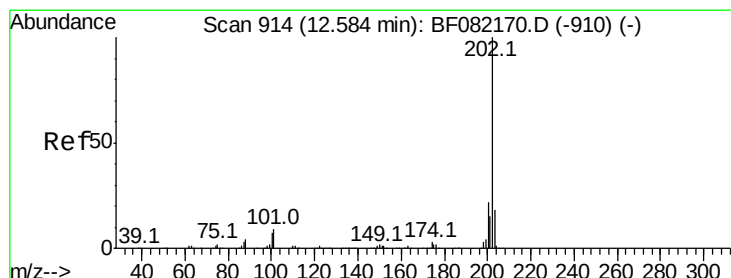
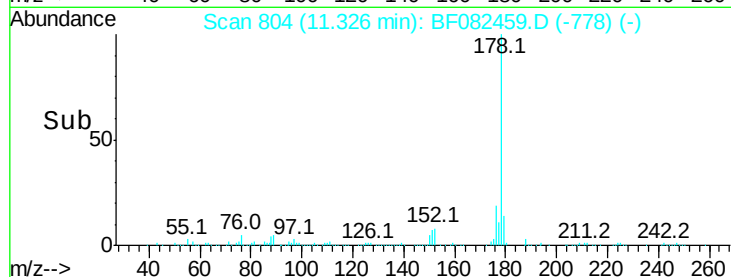
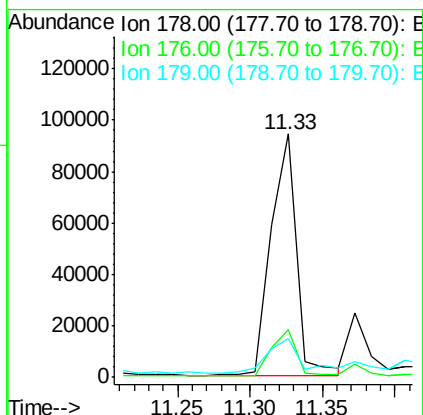
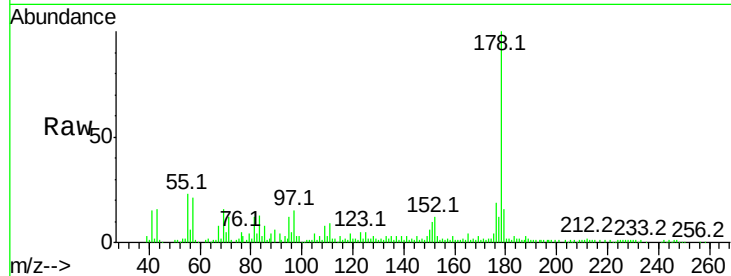
#70
Phenanthrene
Concen: 8.31 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.0	12.6	19.0

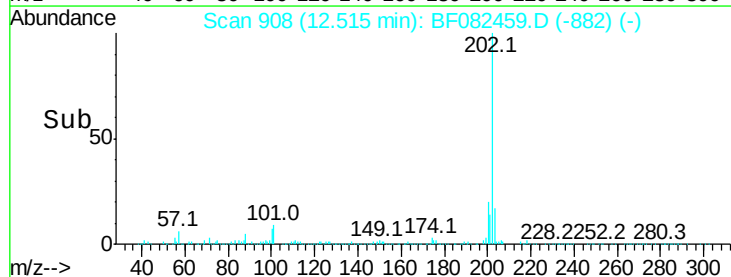
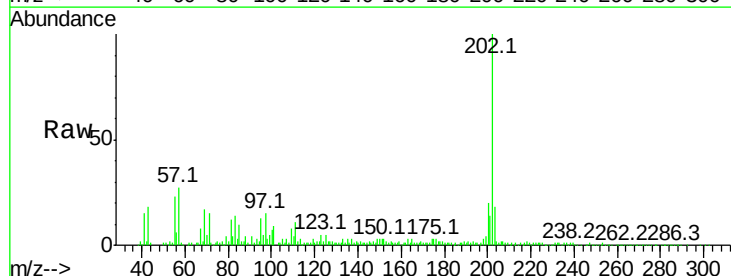
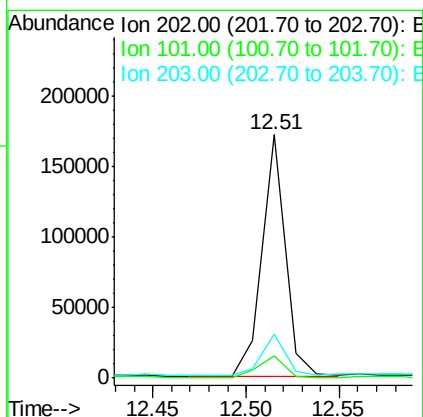
Manual Integrations
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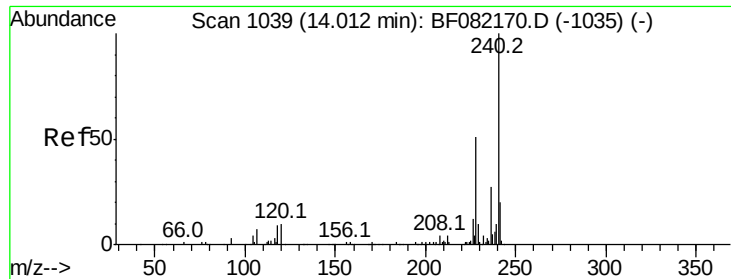
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#74
Fluoranthene
Concen: 10.06 ng
RT: 12.51 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	18.2	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Instrument :

BNA_F

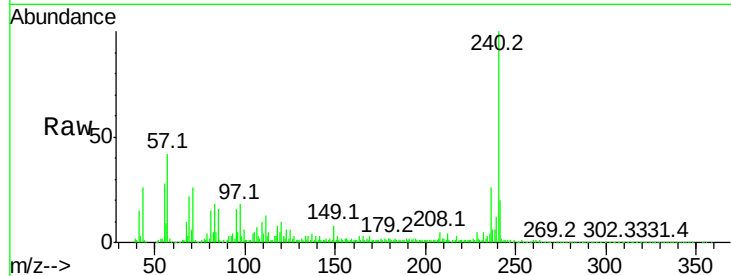
ClientSampleId :

SB15-27-2.5-3

Tot Ion:	240	Resp:	219349
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.1	12.1
236	25.8	21.3	31.9

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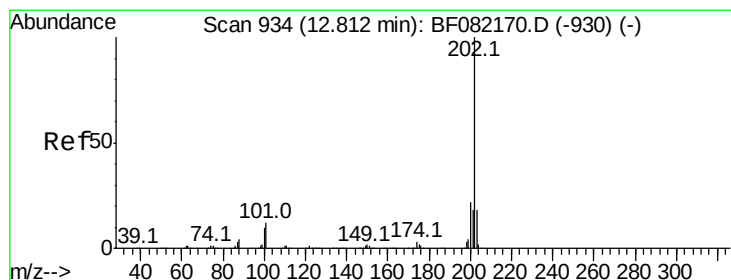
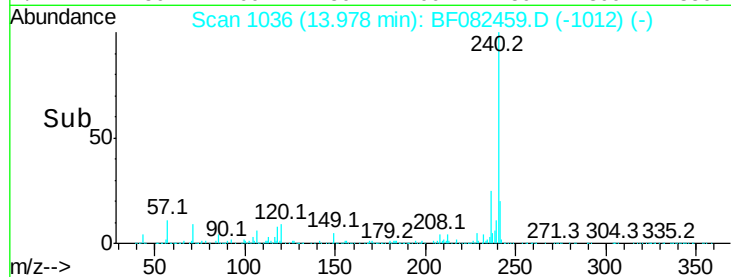
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.98

Time-->



#77

Pyrene

Concen: 11.31 ng

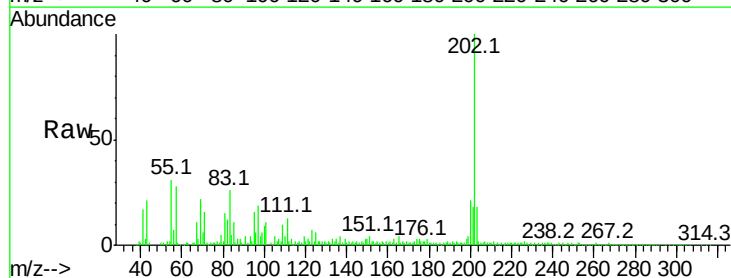
RT: 12.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tgt Ion:	202	Resp:	147172
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.9	26.9
203	18.3	14.5	21.7



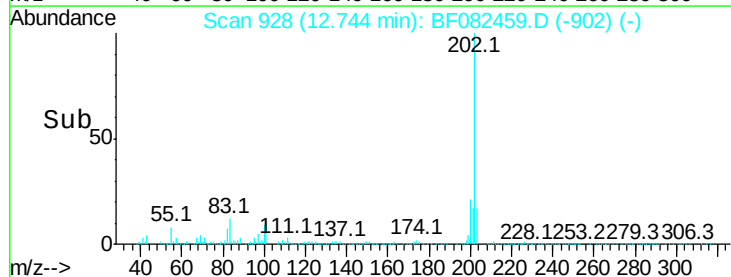
Abundance Ion 202.00 (201.70 to 202.70): E

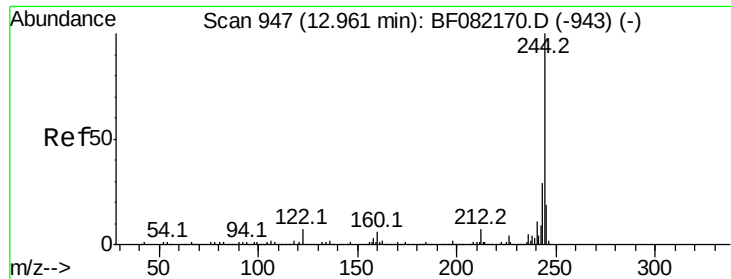
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.74

Time-->





#78

Terphenyl-d14

Concen: 69.06 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Instrument :

BNA_F

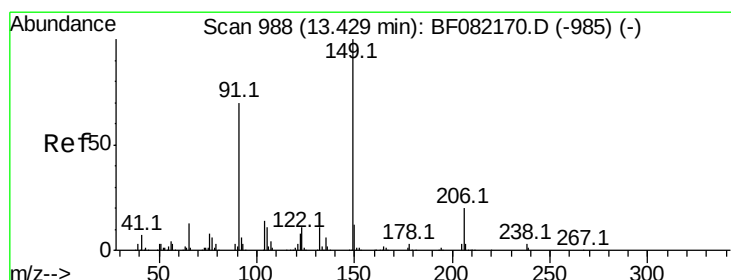
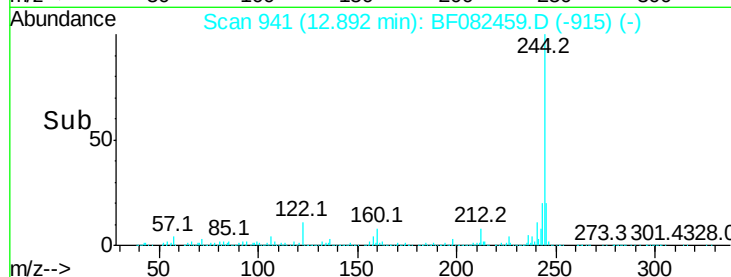
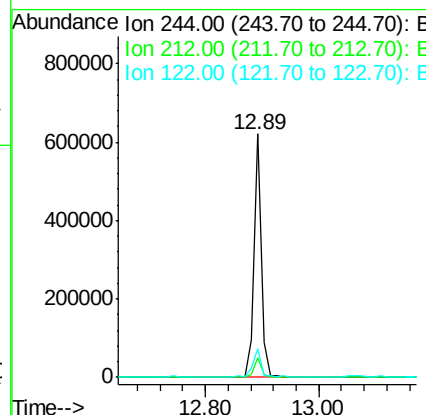
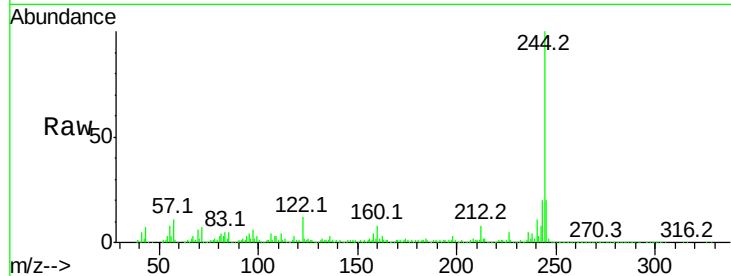
ClientSampleId :

SB15-27-2.5-3

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	5.8	8.6	
122	11.6	5.9	8.9#	

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#79

Butylbenzylphthalate

Concen: 6.50 ng

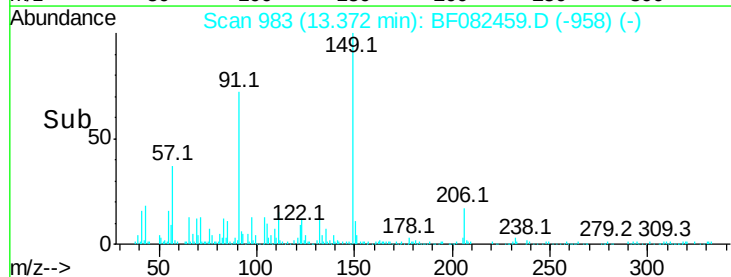
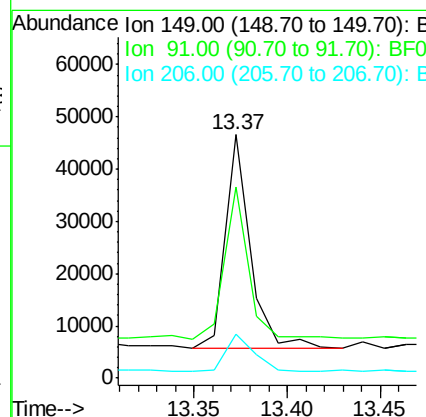
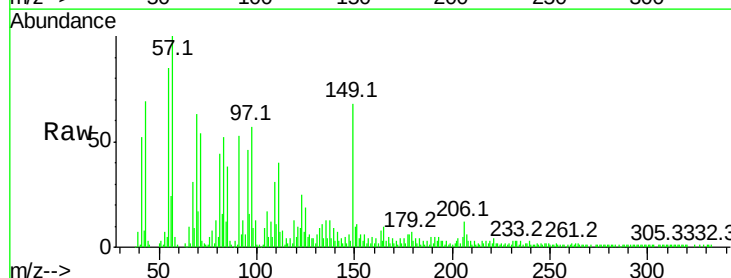
RT: 13.37 min Scan# 983

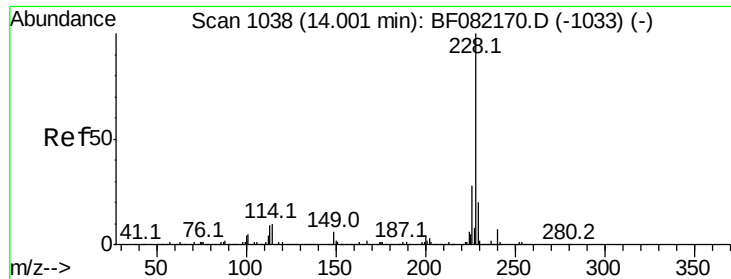
Delta R.T. -0.01 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.5	55.7	83.5	
206	17.9	15.6	23.4	





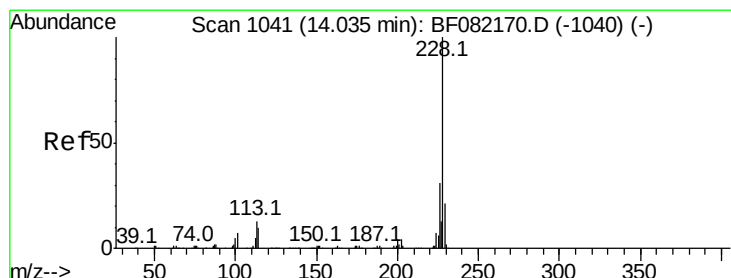
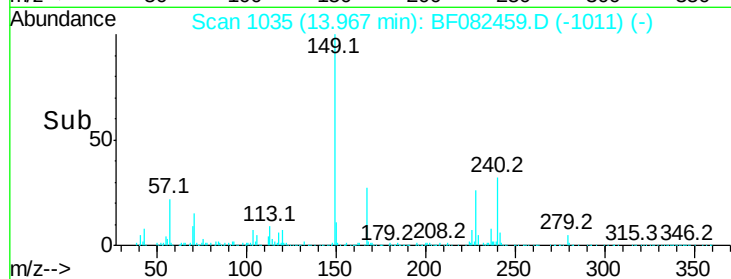
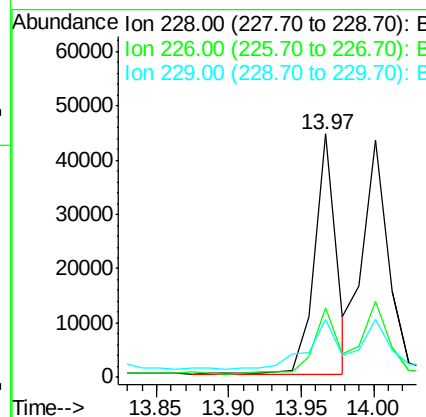
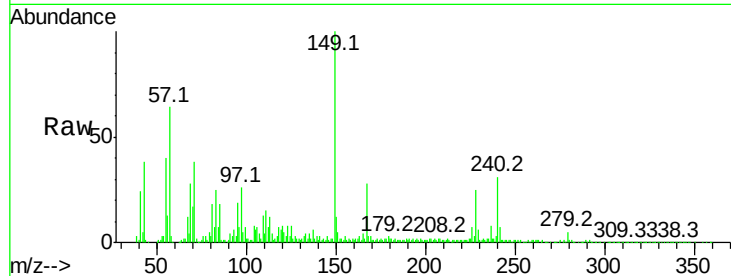
#80
Benzo(a)anthracene
Concen: 4.01 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	23.6	16.2	24.2

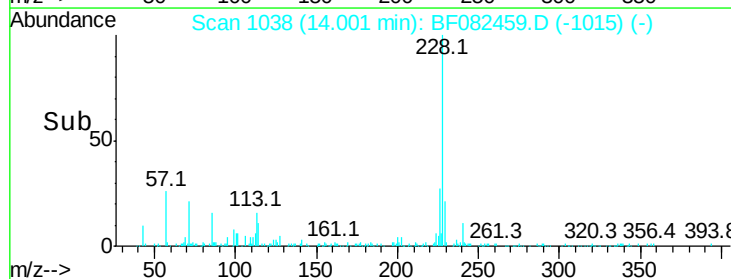
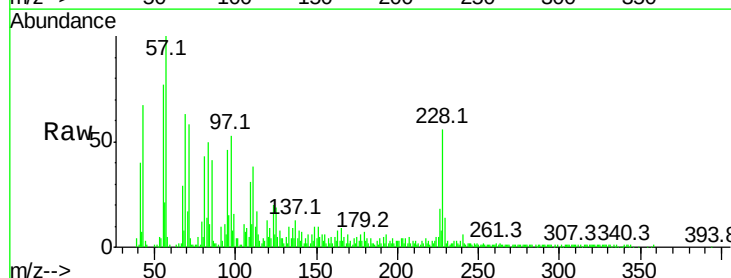
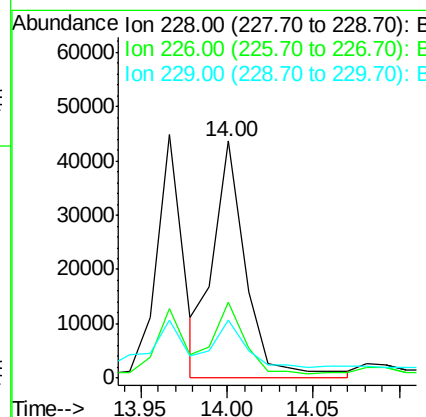
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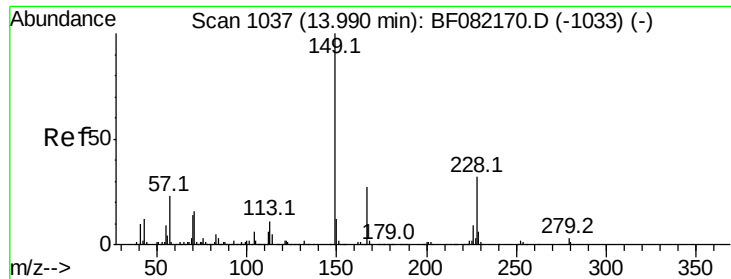
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#82
Chrysene
Concen: 4.83 ng m
RT: 14.00 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF082459.D
Acq: 22 Oct 2015 21:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	24.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.65 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Instrument :

BNA_F

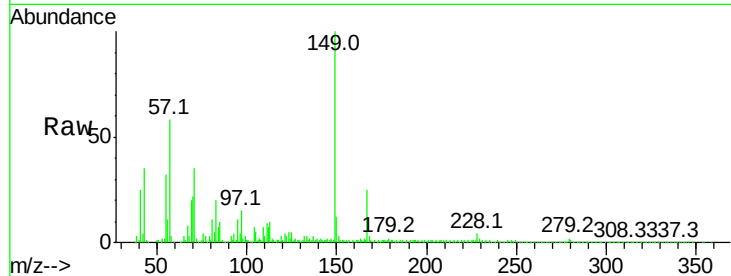
ClientSampleId :

SB15-27-2.5-3

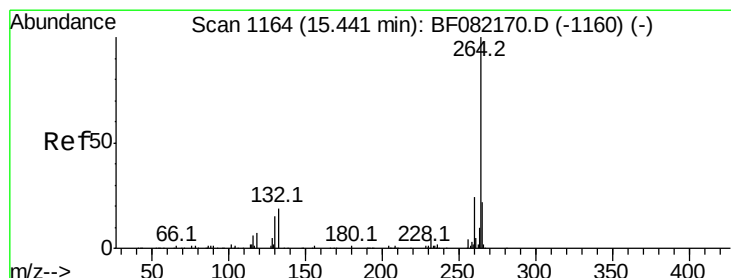
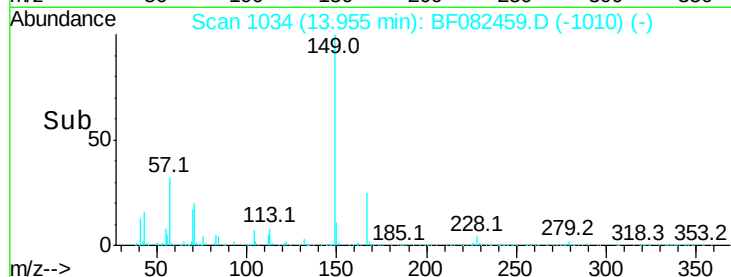
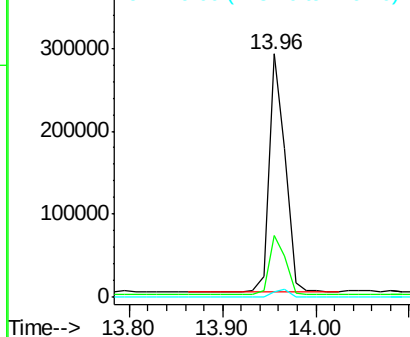
Tot Ion:	149	Resp:	344542
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.3	31.9
279	2.3	2.6	4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

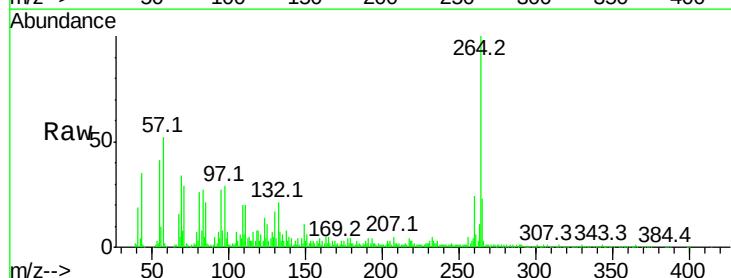
RT: 15.48 min Scan# 1167

Delta R.T. -0.06 min

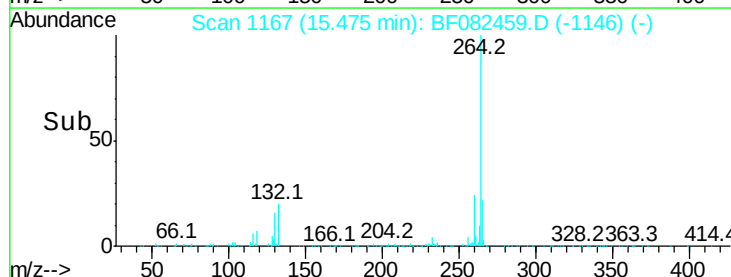
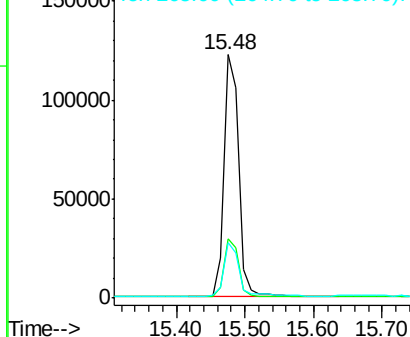
Lab File: BF082459.D

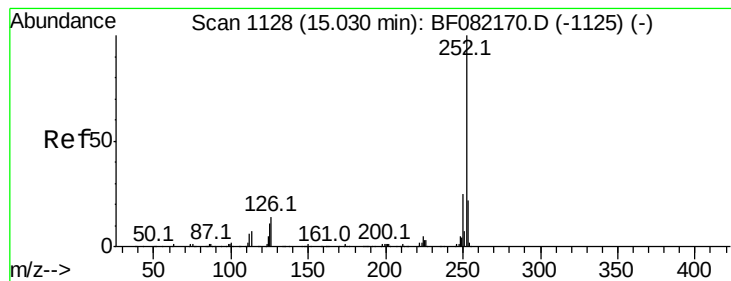
Acq: 22 Oct 2015 21:59

Tgt Ion:	264	Resp:	185543
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.0	28.6
265	22.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.11 ng m

RT: 15.06 min Scan# 1131

Delta R.T. -0.06 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Instrument :

BNA_F

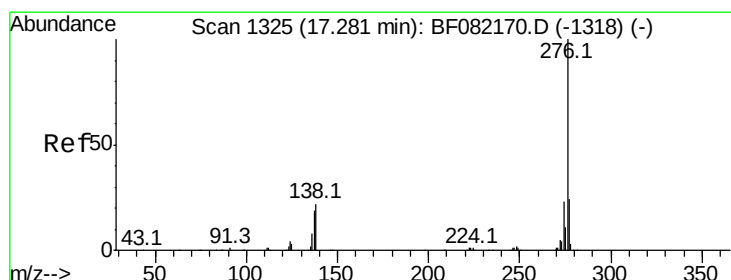
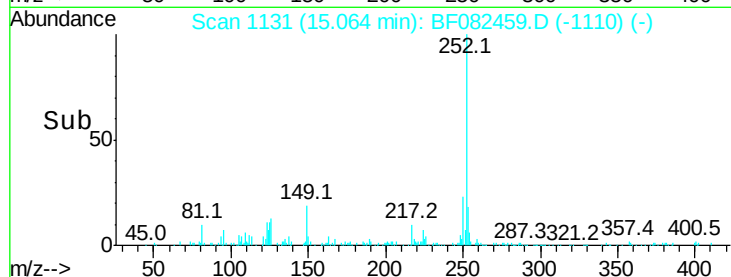
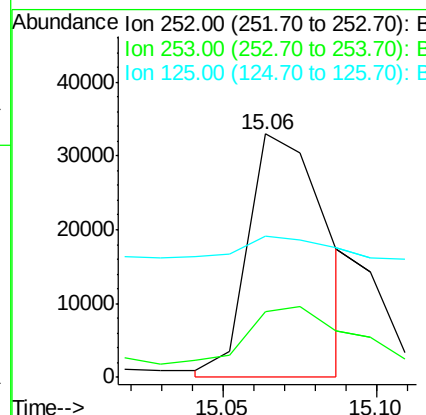
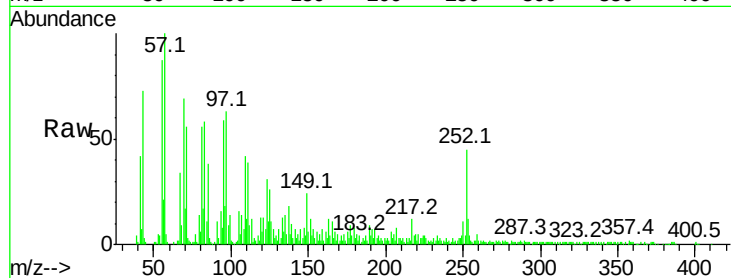
ClientSampleId :

SB15-27-2.5-3

Tot Ion:	252	Resp:	57720
Ion Ratio	Lower	Upper	
252	100		
253	26.8	18.0	27.0
125	58.1	8.6	12.8#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.17 ng

RT: 17.29 min Scan# 1326

Delta R.T. -0.06 min

Lab File: BF082459.D

Acq: 22 Oct 2015 21:59

Tgt Ion:	276	Resp:	16781
Ion Ratio	Lower	Upper	
276	100		
277	29.7	18.8	28.2#
138	40.0	17.4	26.2#

