

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082457.D
 Acq On : 22 Oct 2015 21:01
 Operator : UM/IZ
 Sample : G4119-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-45-2.5-3

Manual Integrations
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mmdadoda
 10/23/2015 4:45:20 PM

Quant Time: Oct 23 11:25:27 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	6.75	152	107833	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	471140	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	182724	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	296919	20.00	ng	0.00
75) Chrysene-d12	14.01	240	217179	20.00	ng	0.01
86) Perylene-d12	15.56	264	198022	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	428399	80.18	ng	0.02
7) Phenol-d6	6.43	99	704922	101.38	ng	0.01
23) Nitrobenzene-d5	7.34	82	455204	64.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	8474	4.95	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	757474	68.75	ng	-0.01
78) Terphenyl-d14	12.90	244	518334	63.25	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.31	77	24302	6.84	ng	# 67
10) Phenol	6.45	94	151451	18.89	ng	90
20) 3+4-Methylphenols	7.22	107	14247	2.32	ng	# 69
22) Acetophenone	7.18	105	71371	7.66	ng	# 84
31) Naphthalene	8.07	128	114325	5.60	ng	99
32) Benzoic acid	7.85	122	42761	10.43	ng	94
37) 2-Methylnaphthalene	8.77	142	65620	4.63	ng	98
49) Dimethylphthalate	9.54	163	933093	72.52	ng	# 99
51) Acenaphthene	9.84	154	92213	8.99	ng	99
54) Dibenzofuran	10.01	168	64744	4.60	ng	# 75
57) Fluorene	10.35	166	91640	7.92	ng	# 92
59) Diethylphthalate	10.24	149	340120	28.36	ng	97
70) Phenanthrene	11.33	178	805807	55.37	ng	99
71) Anthracene	11.38	178	219408	14.63	ng	97
72) Carbazole	11.54	167	98880	7.23	ng	# 89
73) Di-n-butylphthalate	11.88	149	58688	3.48	ng	# 83
74) Fluoranthene	12.54	202	1724933	110.35	ng	98
77) Pyrene	12.77	202	1442783	111.94	ng	99
79) Butylbenzylphthalate	13.40	149	57216	9.73	ng	# 92
80) Benzo(a)anthracene	14.00	228	595267	52.68	ng	98
82) Chrysene	14.04	228	630834m	52.98	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	867052	103.32	ng	100
84) Di-n-octyl phthalate	14.68	149	256284	17.78	ng	# 78
85) Indeno(1,2,3-cd)pyrene	16.96	276	225209	23.80	ng	96
87) Benzo(b)fluoranthene	15.13	252	588006m	48.81	ng	
88) Benzo(k)fluoranthene	15.14	252	247743m	24.47	ng	
89) Benzo(a)pyrene	15.49	252	390514	37.72	ng	# 85
90) Dibenzo(a,h)anthracene	16.96	278	53665	6.32	ng	# 71
91) Benzo(g,h,i)perylene	17.38	276	205819	24.97	ng	96

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

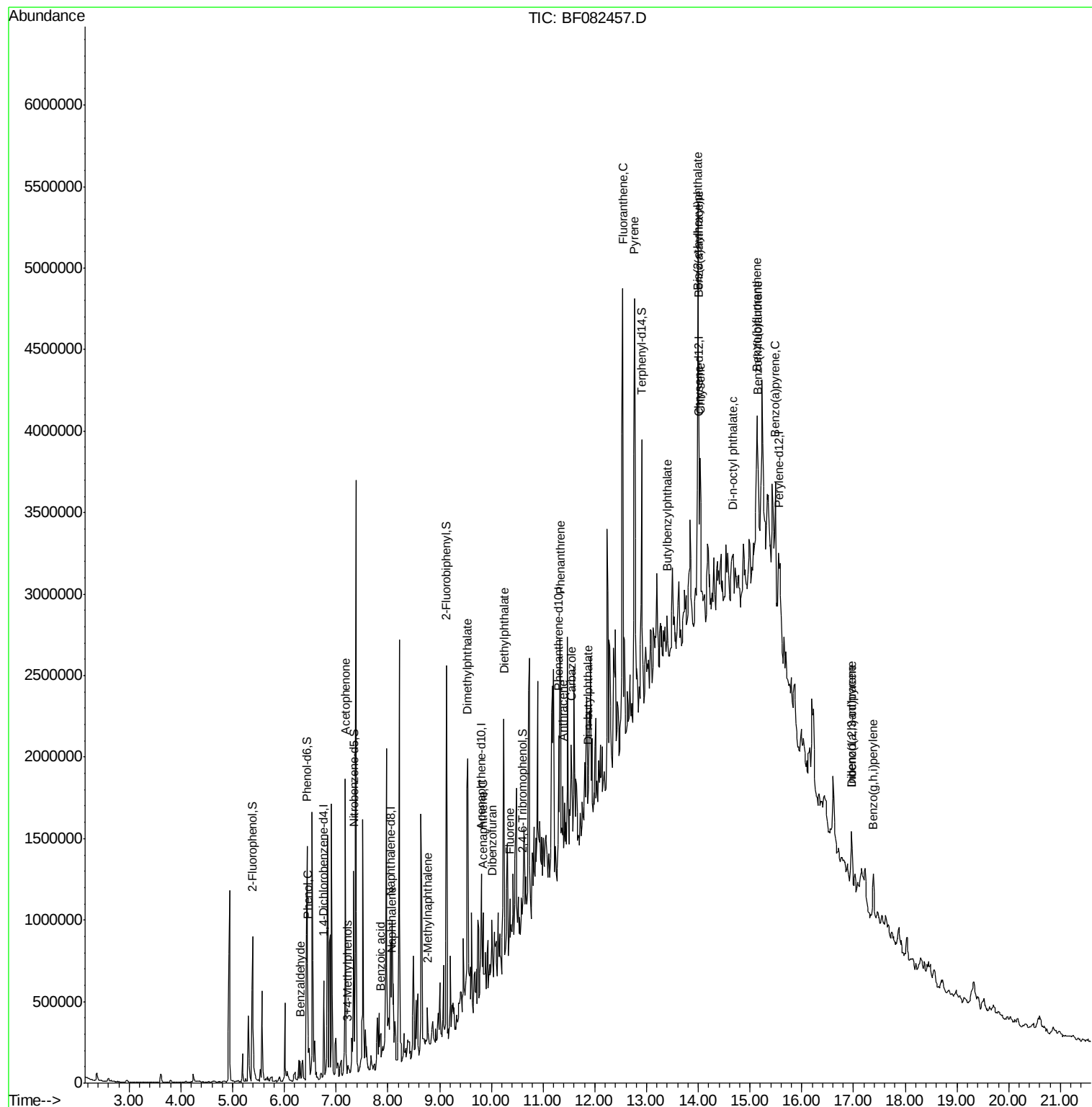
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082457.D
Acq On : 22 Oct 2015 21:01
Operator : UM/IZ
Sample : G4119-01
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ALS Vial : 12 Sample Multiplier: 1

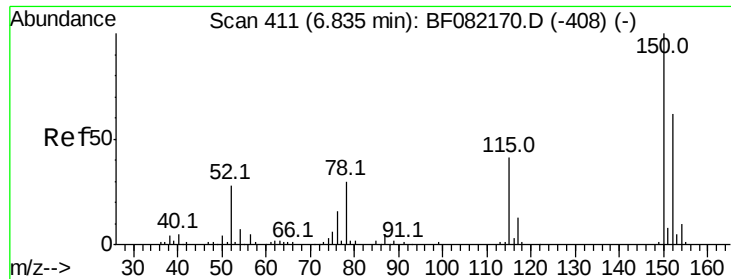
Instrument :
BNA_F
ClientSampleId :
SB15-45-2.5-3

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Quant Time: Oct 23 11:25:27 2015
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#1

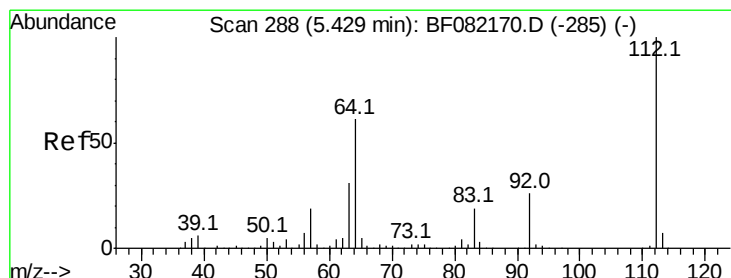
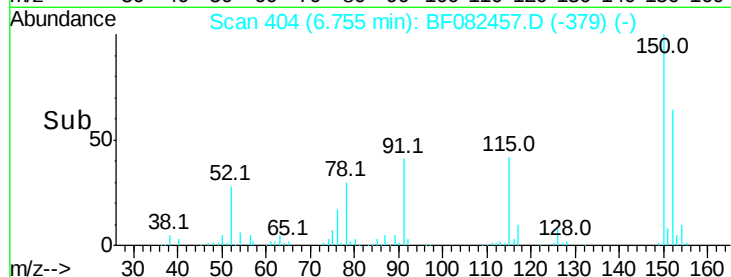
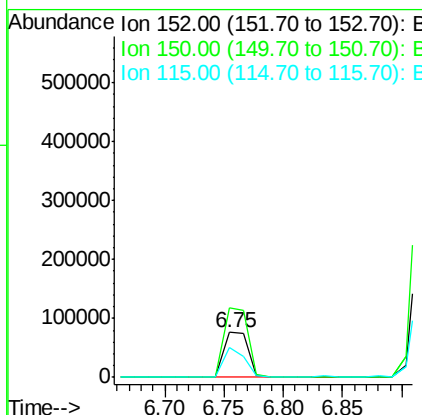
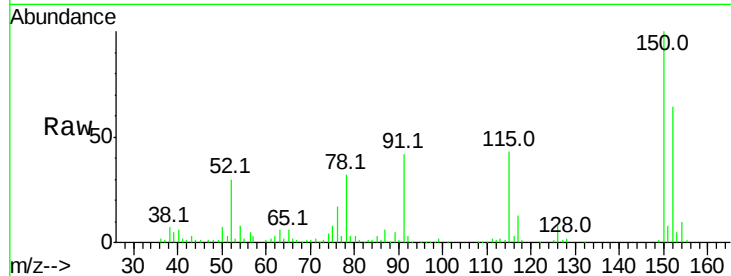
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BF082457.D
 Acq: 22 Oct 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SB15-45-2.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.0	193.4
115	66.8	52.1	78.1

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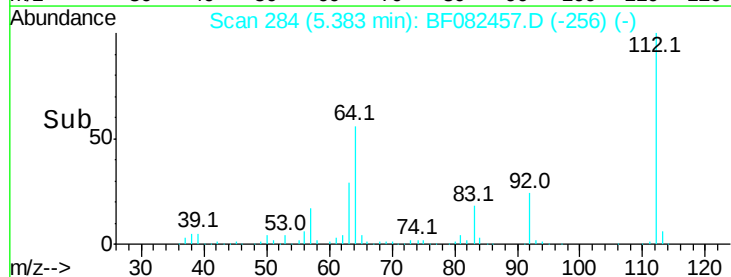
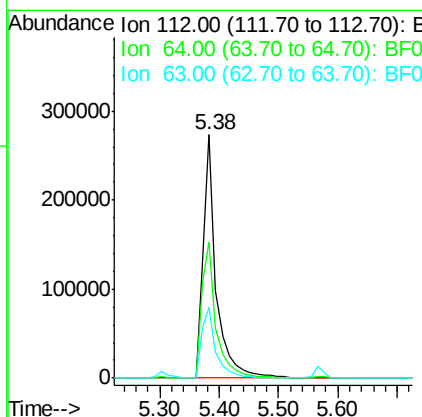
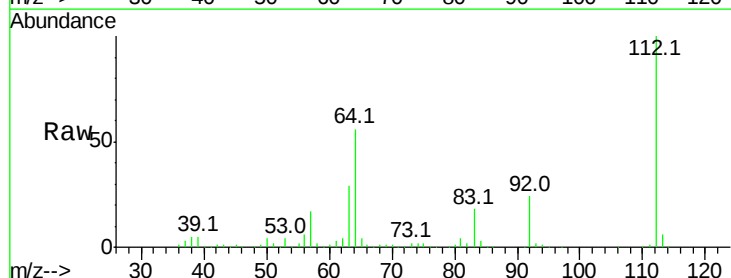
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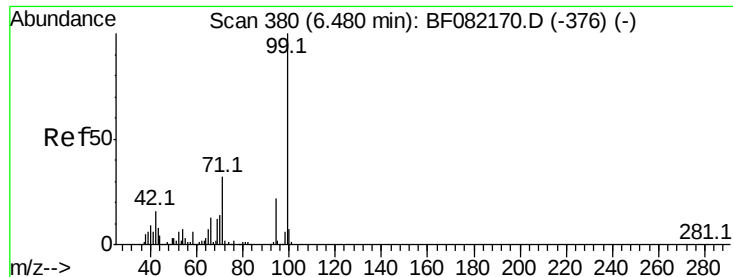


#5

2-Fluorophenol
 Concen: 80.18 ng
 RT: 5.38 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF082457.D
 Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	48.6	73.0
63	29.1	25.1	37.7





#7

Phenol-d6

Concen: 101.38 ng

RT: 6.43 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

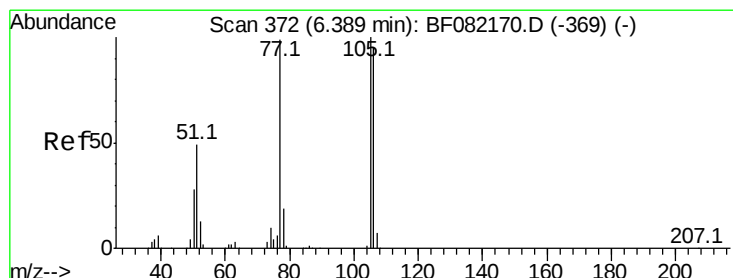
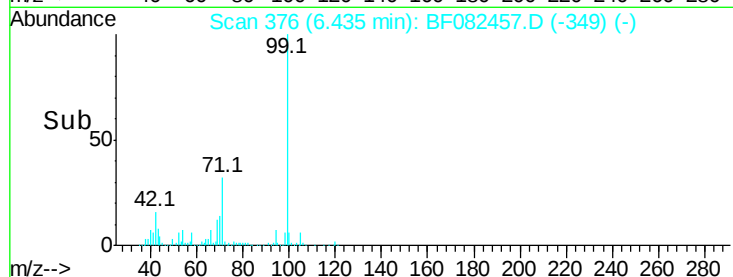
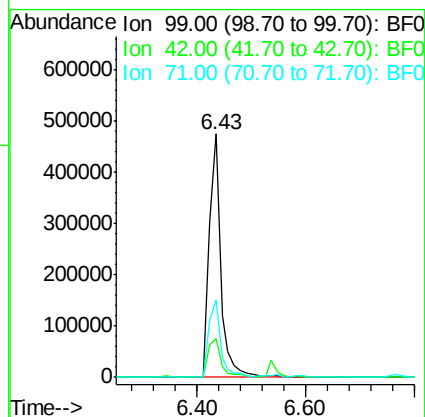
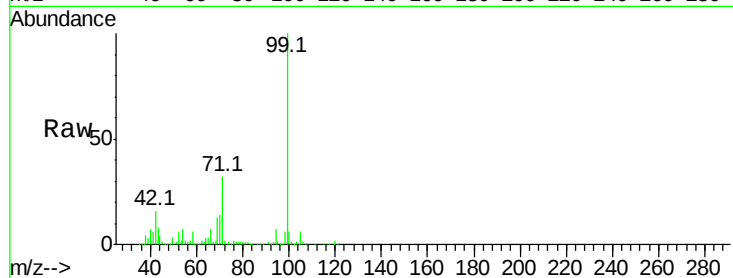
ClientSampleId :

SB15-45-2.5-3

Tot Ion:	99	Resp:	704922
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.2	19.8
71	31.6	25.6	38.4

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#9

Benzaldehyde

Concen: 6.84 ng

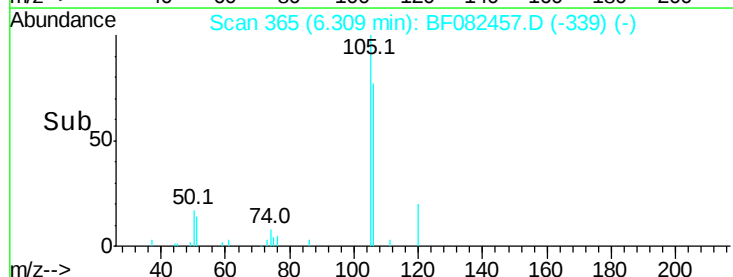
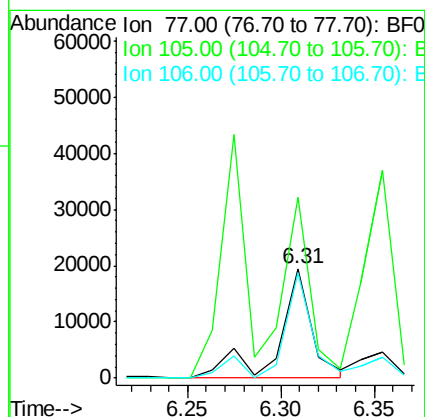
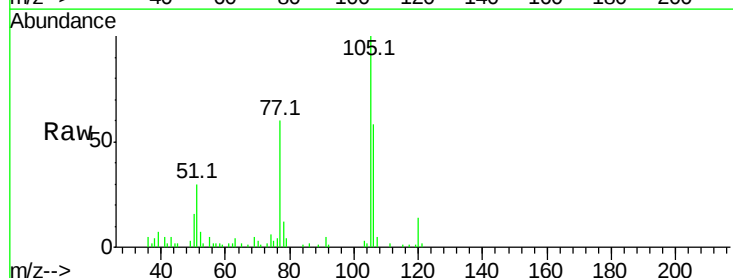
RT: 6.31 min Scan# 365

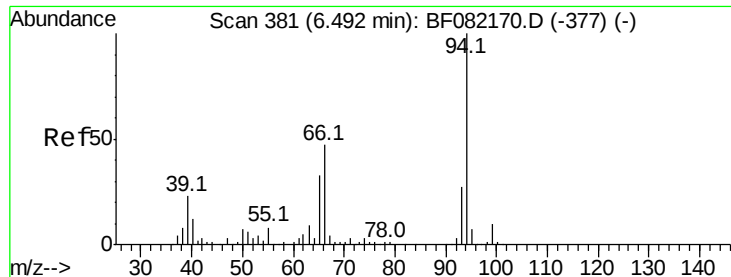
Delta R.T. 0.00 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	77	Resp:	24302
Ion Ratio	Lower	Upper	
77	100		
105	165.6	80.6	120.6#
106	95.9	75.5	115.5





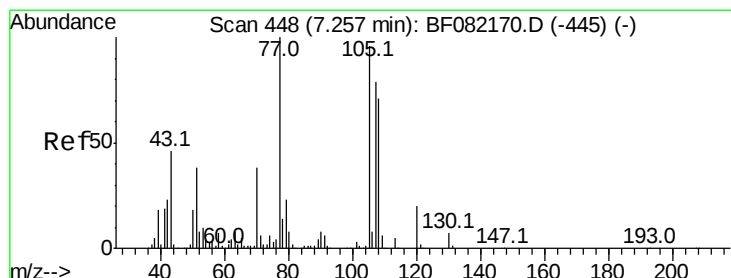
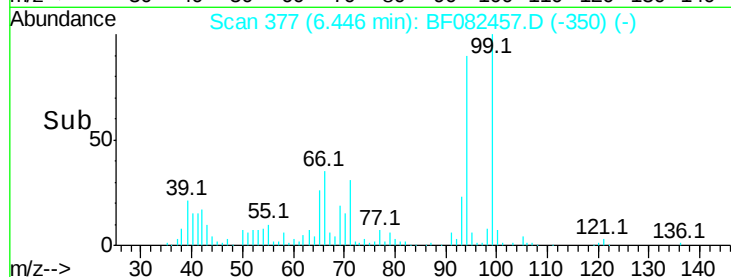
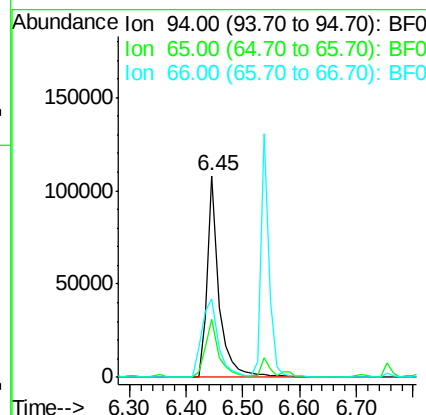
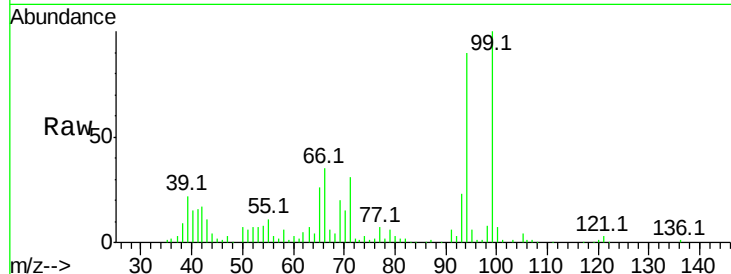
#10
Phenol
Concen: 18.89 ng
RT: 6.45 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Instrument :
BNA_F
ClientSampleId :
SB15-45-2.5-3

Tot Ion	Ratio	Resp	Lower	Upper
94	100	151451		
65	28.8		12.6	52.6
66	38.7		27.3	67.3

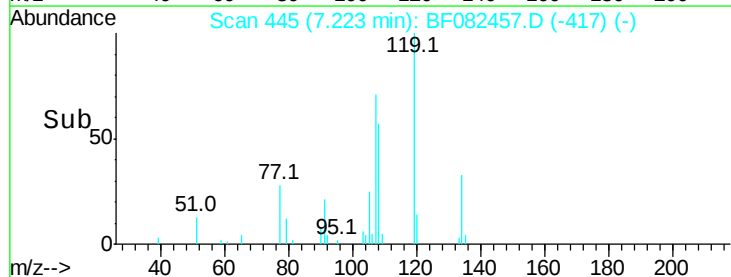
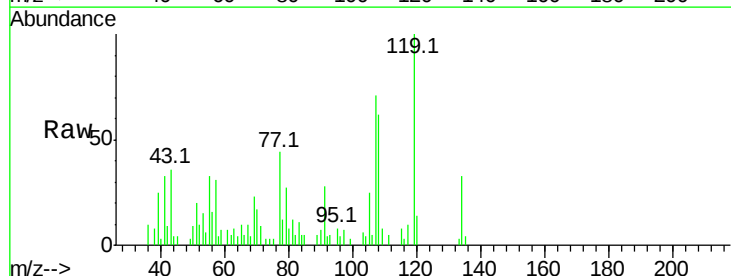
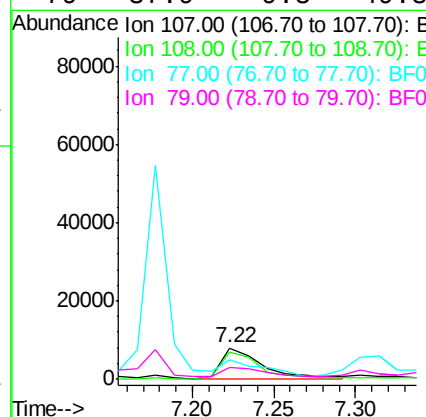
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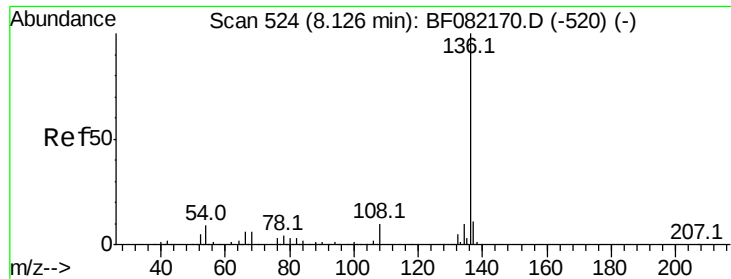
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#20
3+4-Methylphenols
Concen: 2.32 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.02 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	14247		
108	88.0		69.9	109.9
77	63.1		106.0	146.0#
79	37.9		9.8	49.8





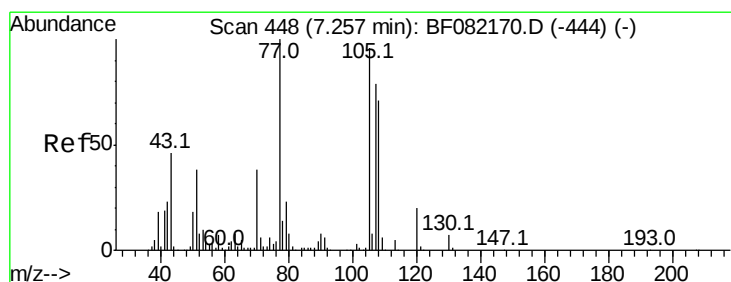
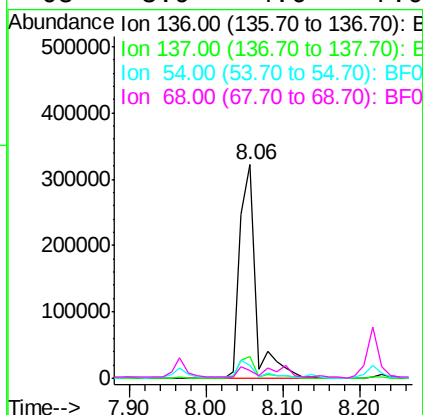
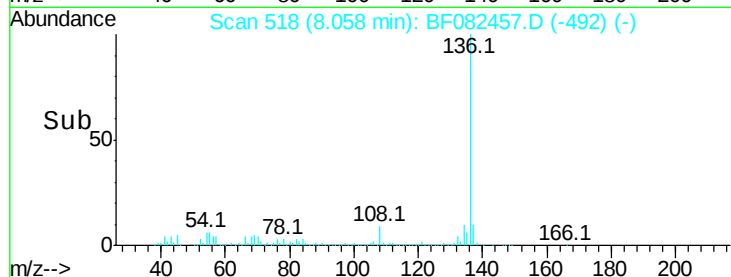
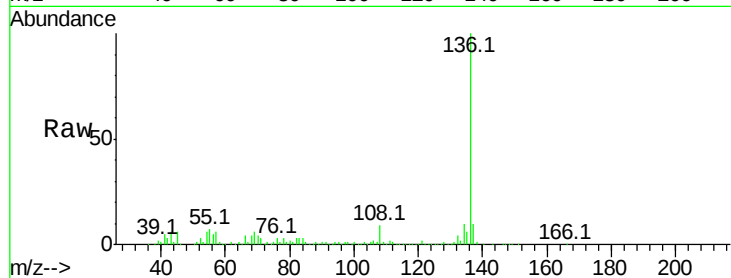
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Instrument :
BNA_F
ClientSampleId :
SB15-45-2.5-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.0	13.6	
54	5.9	7.5	11.3	
68	3.9	4.6	7.0	

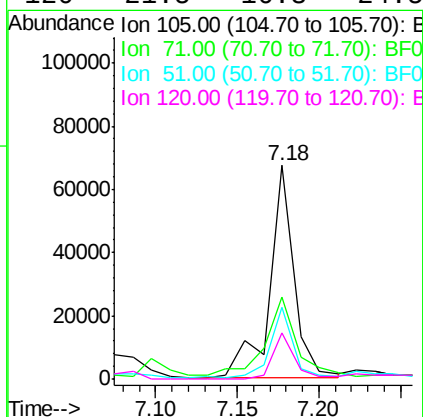
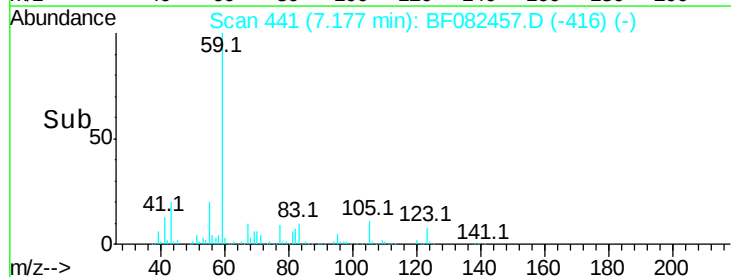
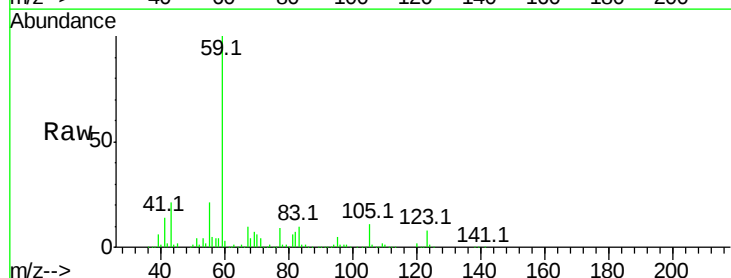
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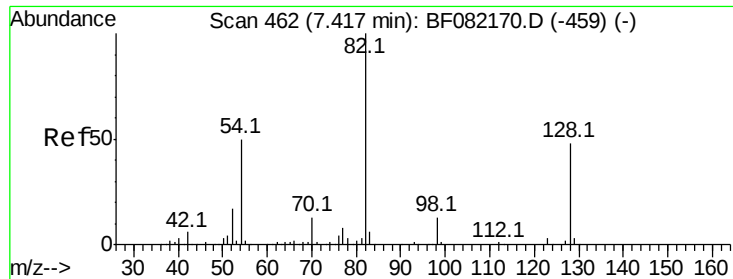
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#22
Acetophenone
Concen: 7.66 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	38.6	5.4	8.0	
51	33.9	31.8	47.6	
120	21.5	16.3	24.5	





#23

Nitrobenzene-d5

Concen: 64.88 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

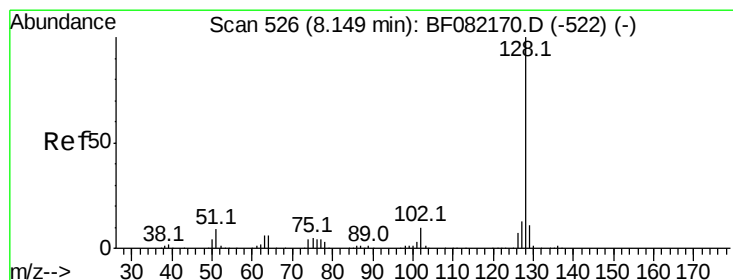
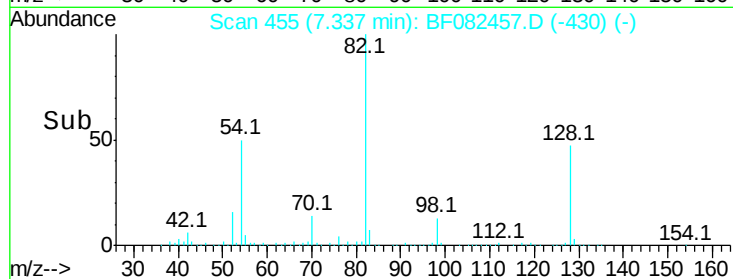
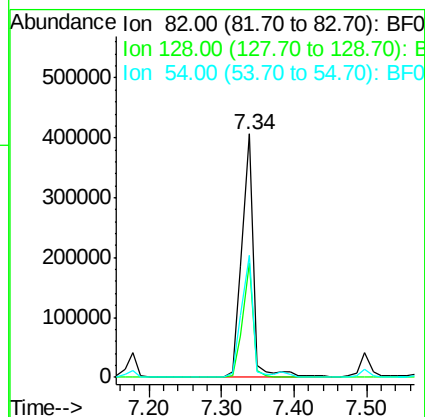
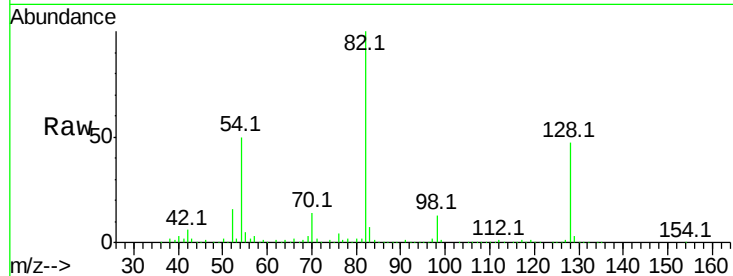
ClientSampleId :

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Tot Ion:	82	Resp:	455204
Ion Ratio	Lower	Upper	
82	100		
128	46.7	38.7	58.1
54	50.4	40.1	60.1

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#31

Naphthalene

Concen: 5.60 ng

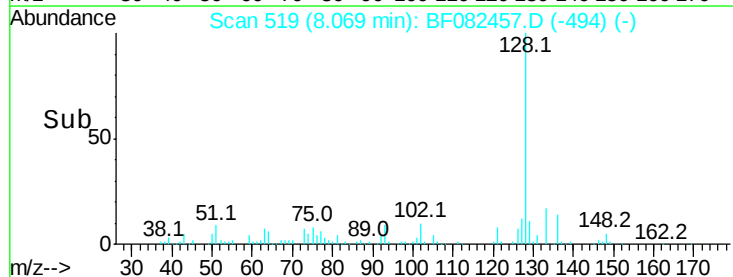
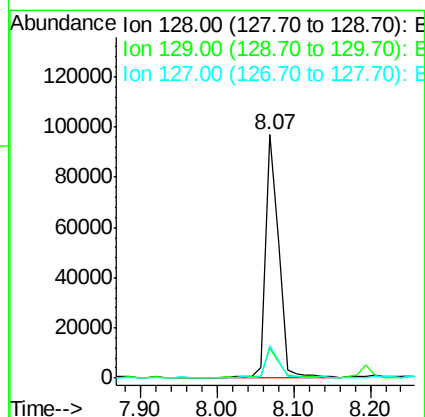
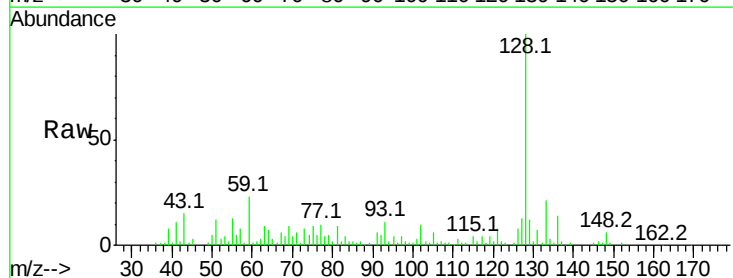
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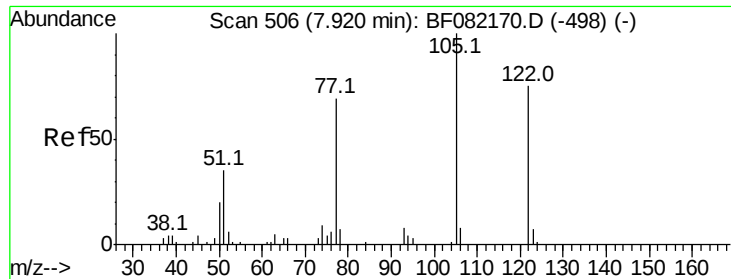
Delta R.T. -0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	128	Resp:	114325
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.1	13.7
127	13.2	10.7	16.1





#32

Benzoic acid

Concen: 10.43 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

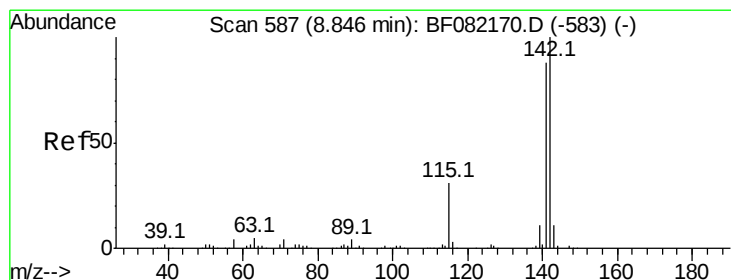
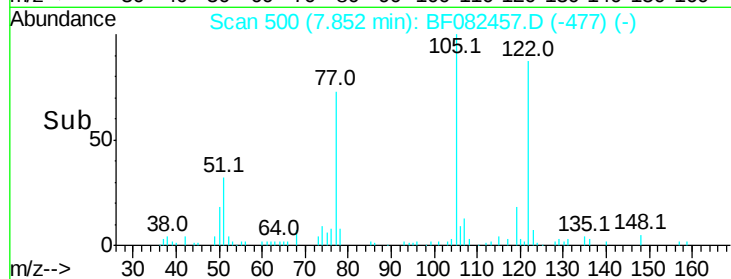
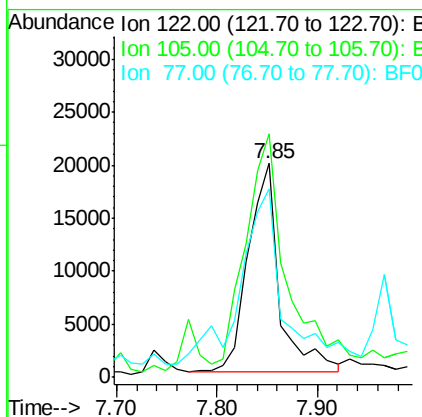
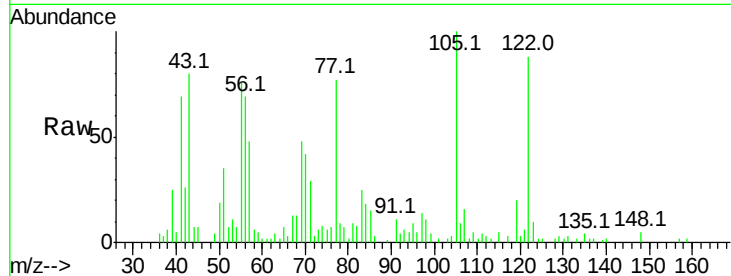
ClientSampleId :

SB15-45-2.5-3

Tot Ion:	122	Resp:	42761
Ion Ratio	Lower	Upper	
122	100		
105	113.7	104.4	144.4
77	88.0	69.0	109.0

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#37

2-Methylnaphthalene

Concen: 4.63 ng

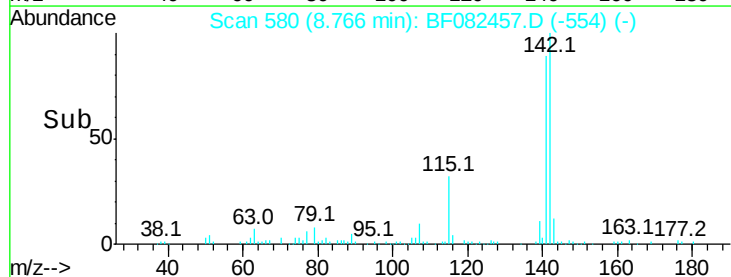
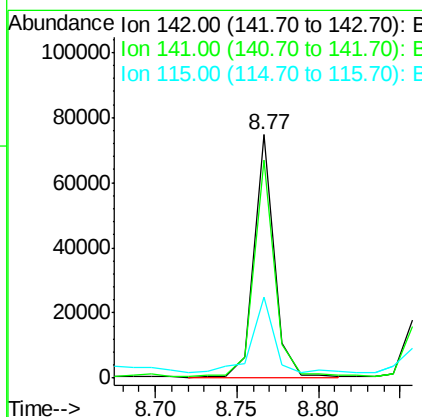
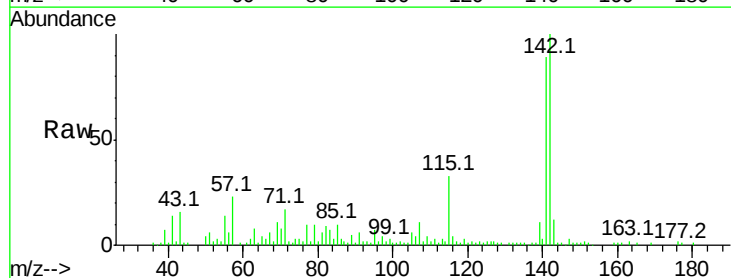
RT: 8.77 min Scan# 580

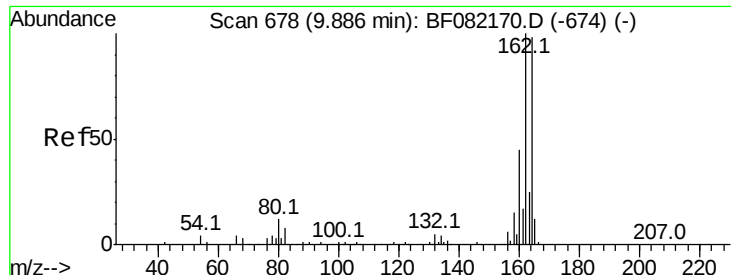
Delta R.T. 0.00 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	142	Resp:	65620
Ion Ratio	Lower	Upper	
142	100		
141	89.5	70.4	105.6
115	33.3	24.6	37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

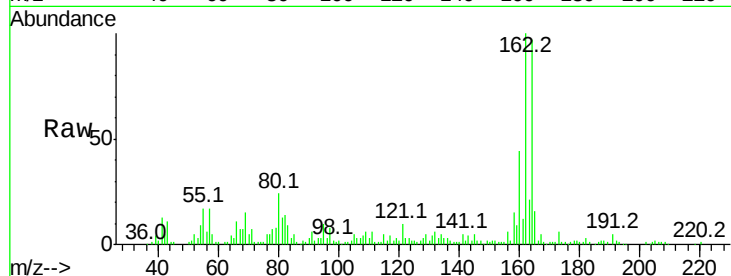
ClientSampleId :

SB15-45-2.5-3

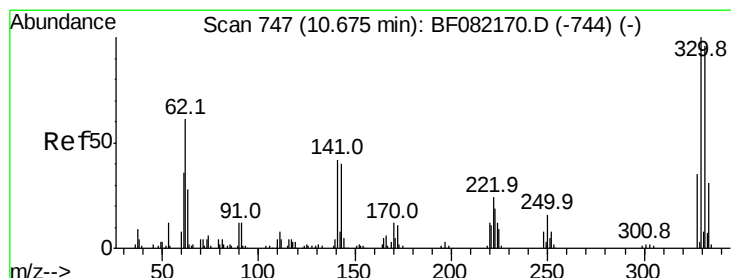
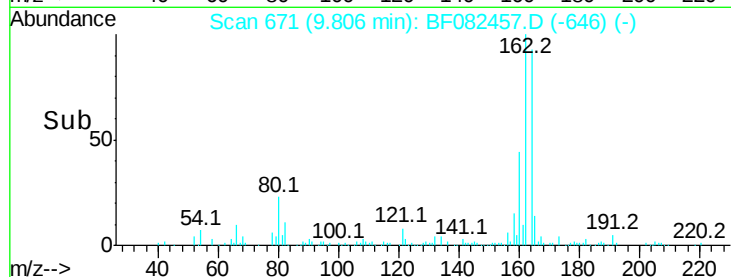
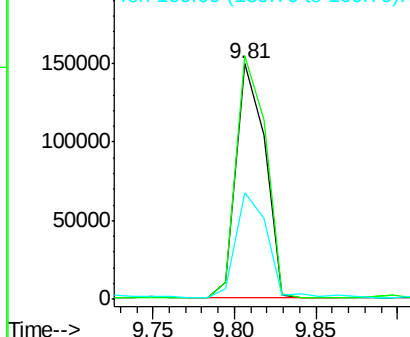
Tot Ion:	164	Resp:	182724
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.6	122.4
160	45.5	36.4	54.6

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 4.95 ng

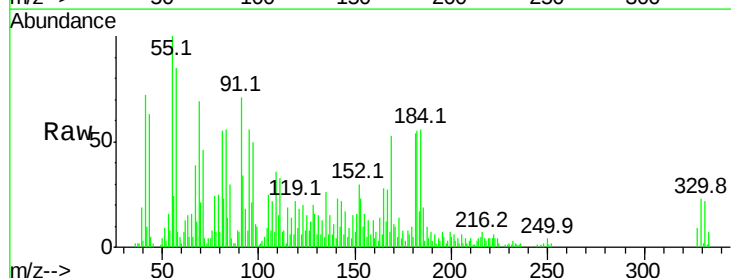
RT: 10.61 min Scan# 741

Delta R.T. 0.00 min

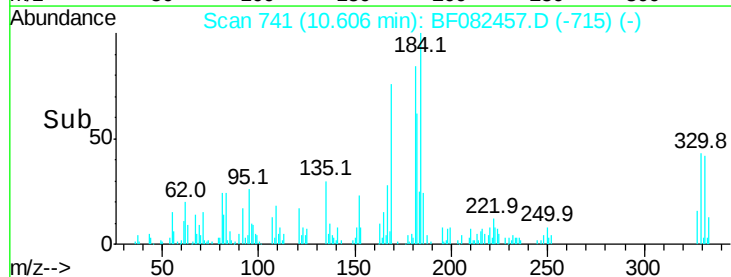
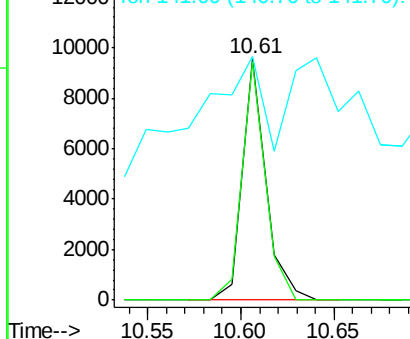
Lab File: BF082457.D

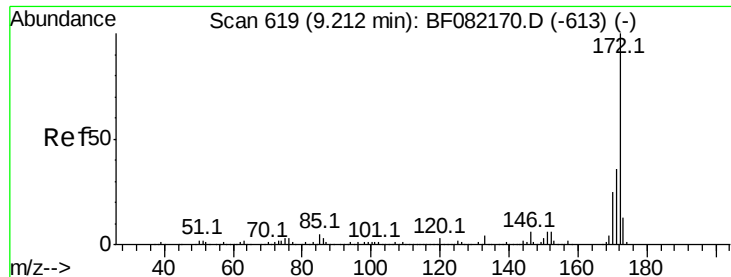
Acq: 22 Oct 2015 21:01

Tgt Ion:	330	Resp:	8474
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.1	115.7
141	145.1	29.8	44.8#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





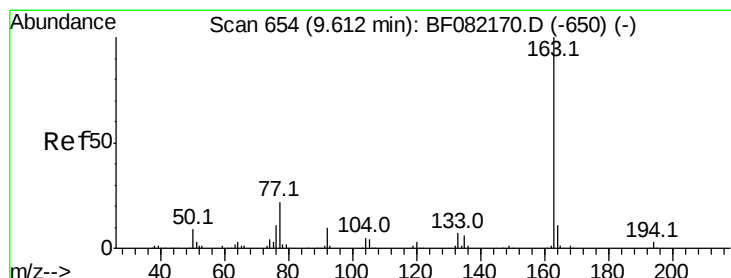
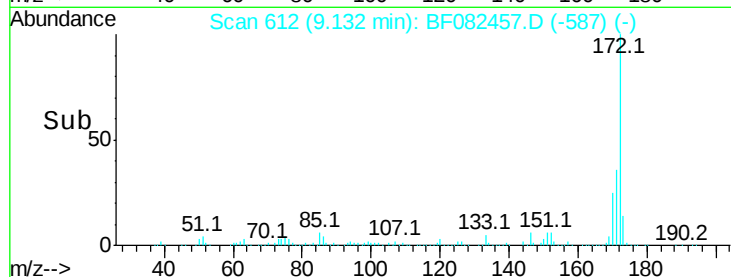
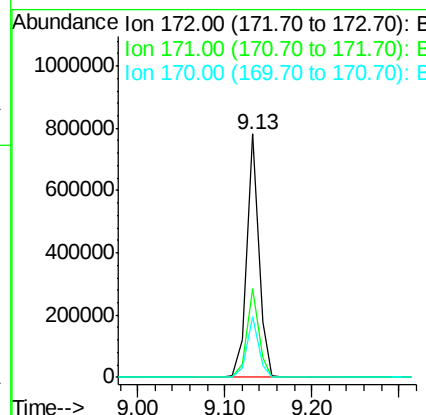
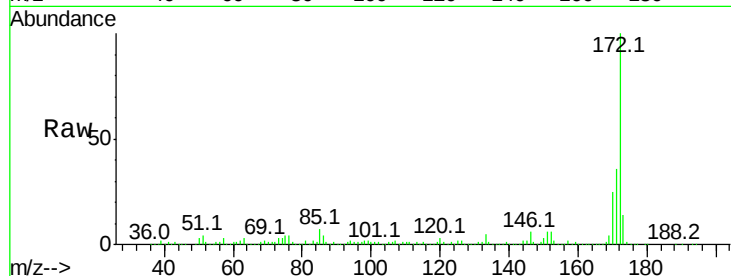
#44
2-Fluorobiphenyl
Concen: 68.75 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Instrument :
BNA_F
ClientSampleId :
SB15-45-2.5-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.7	19.7	29.5

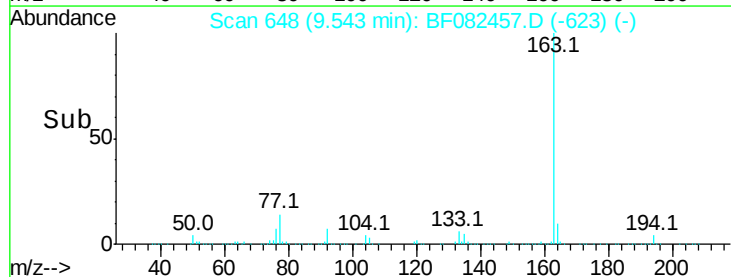
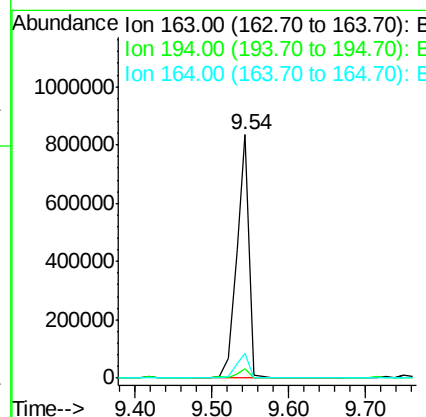
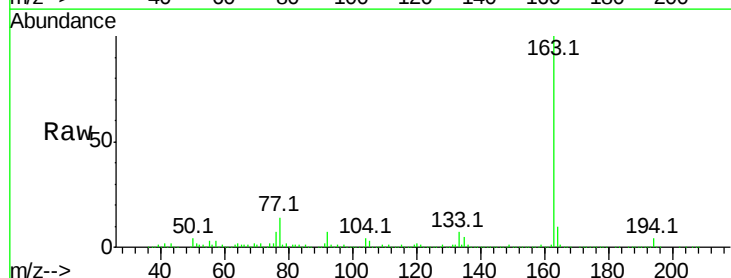
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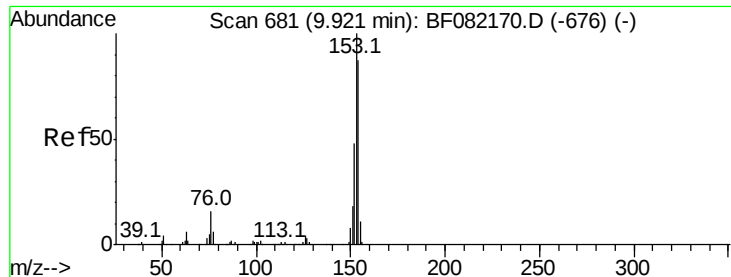
mmdadoda
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#49
Dimethylphthalate
Concen: 72.52 ng
RT: 9.54 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.3	8.5	12.7





#51

Acenaphthene

Concen: 8.99 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

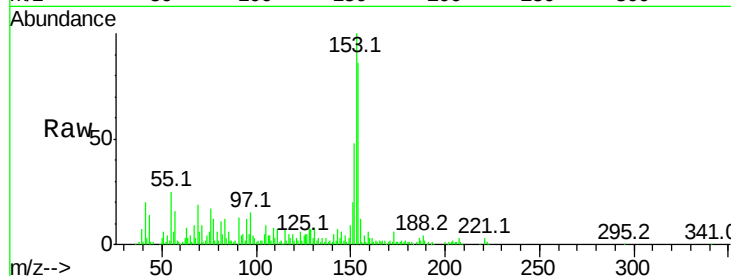
ClientSampleId :

SB15-45-2.5-3

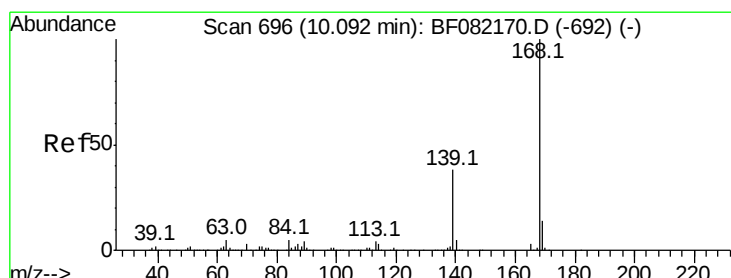
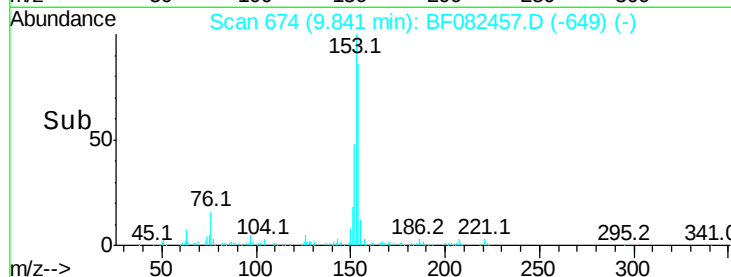
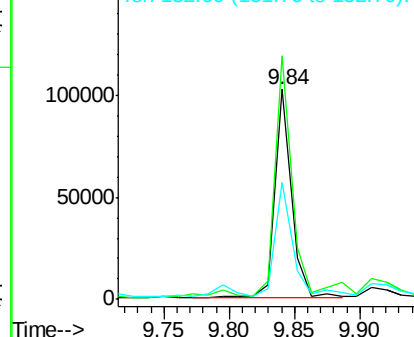
Tot Ion:	154	Resp:	92213
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.4	137.2
152	55.9	44.3	66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.60 ng

RT: 10.01 min Scan# 689

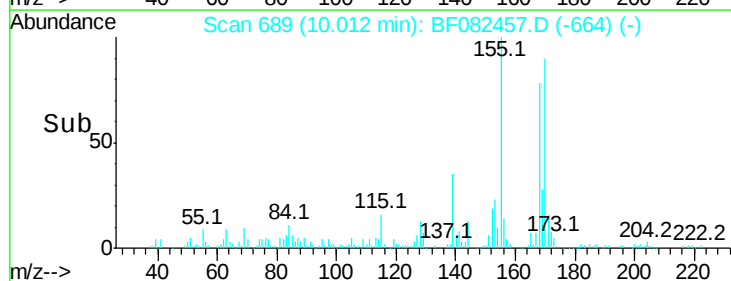
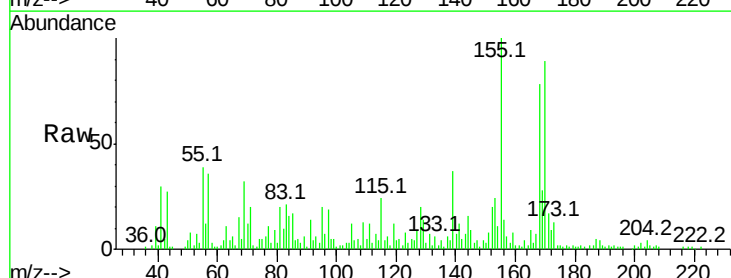
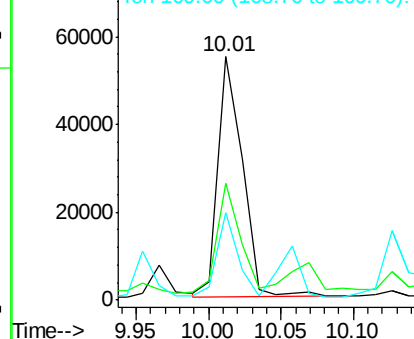
Delta R.T. -0.01 min

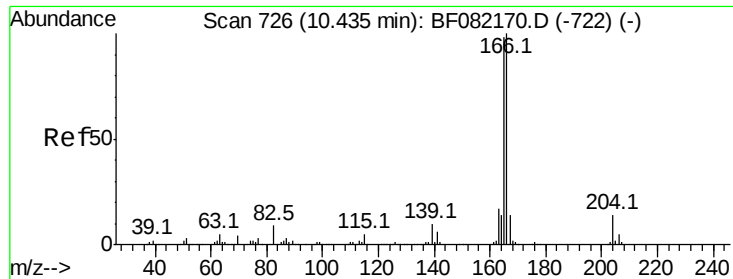
Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	168	Resp:	64744
Ion Ratio	Lower	Upper	
168	100		
139	47.8	31.0	46.6#
169	35.9	10.9	16.3#

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 7.92 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

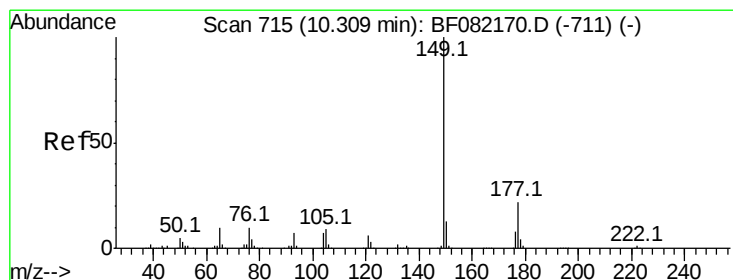
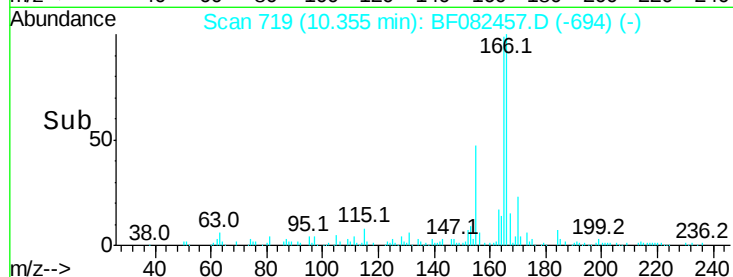
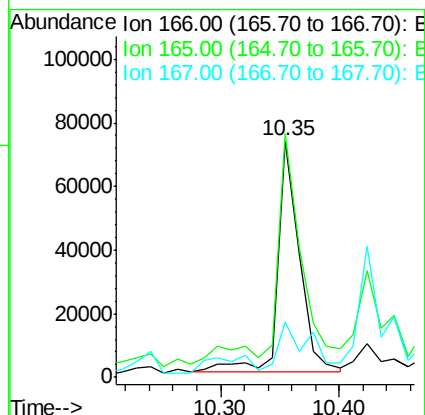
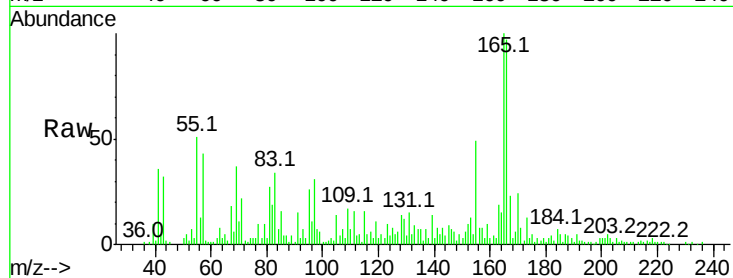
ClientSampleId :

SB15-45-2.5-3

Tot Ion:	166	Resp:	91640
Ion Ratio	Lower	Upper	
166	100		
165	103.0	78.3	117.5
167	23.7	10.8	16.2#

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#59

Diethylphthalate

Concen: 28.36 ng

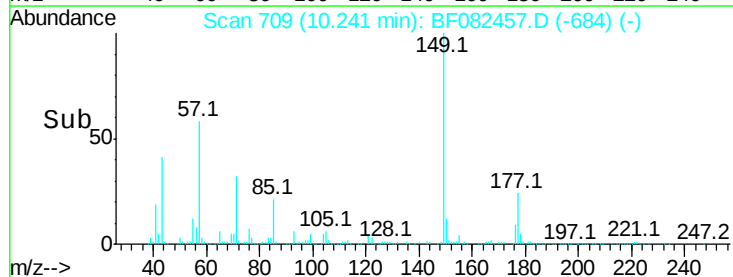
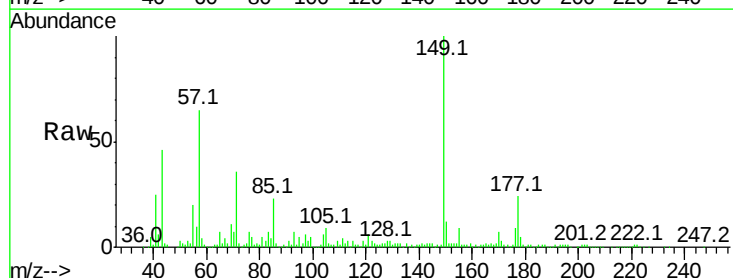
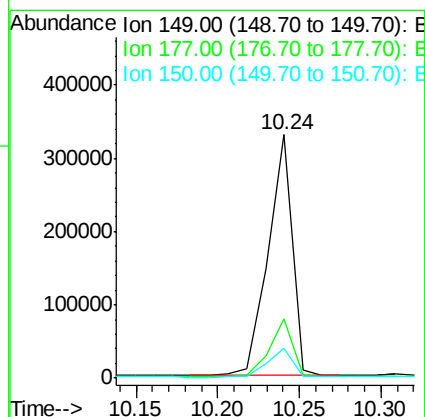
RT: 10.24 min Scan# 709

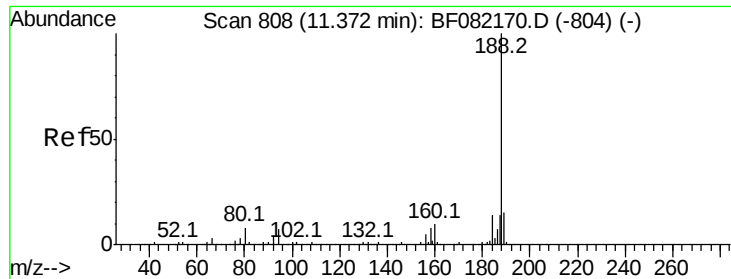
Delta R.T. -0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	149	Resp:	340120
Ion Ratio	Lower	Upper	
149	100		
177	24.1	17.6	26.4
150	12.2	10.3	15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

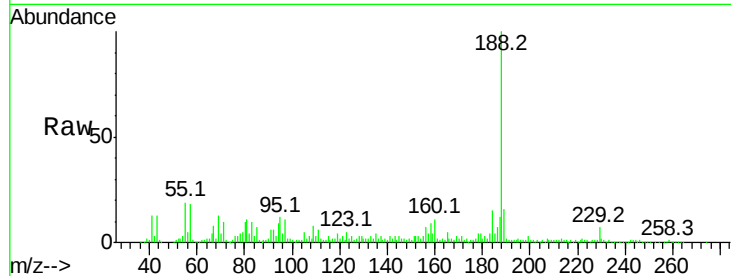
ClientSampleId :

SB15-45-2.5-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	5.8	8.6#
80	9.9	6.4	9.6#

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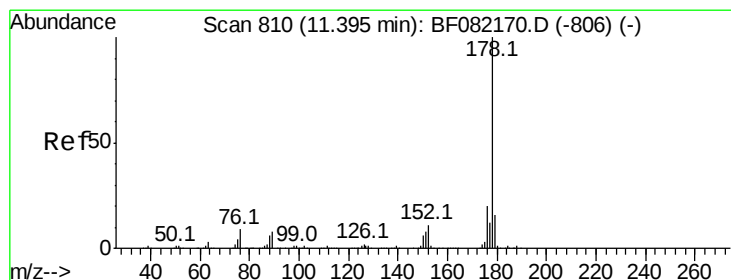
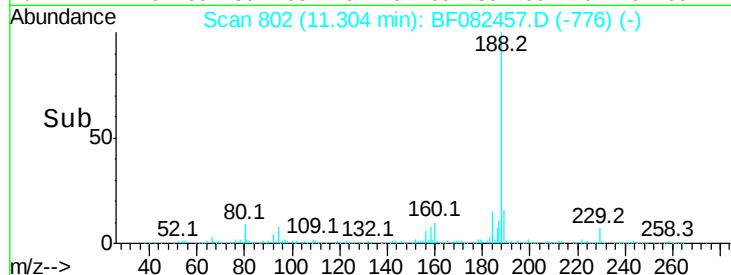
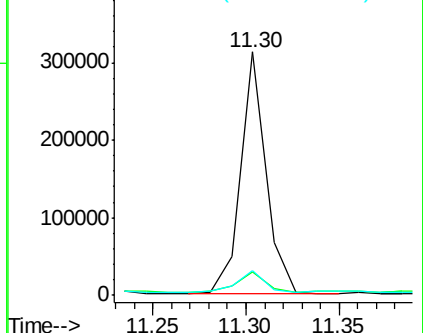
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 55.37 ng

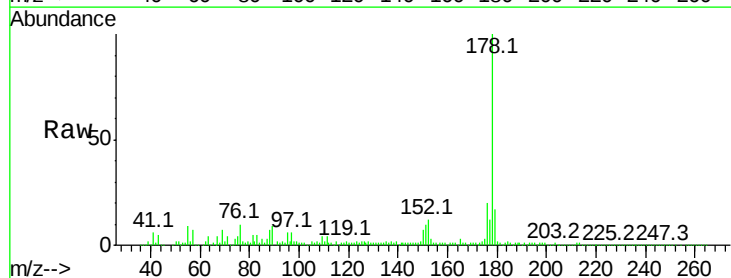
RT: 11.33 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

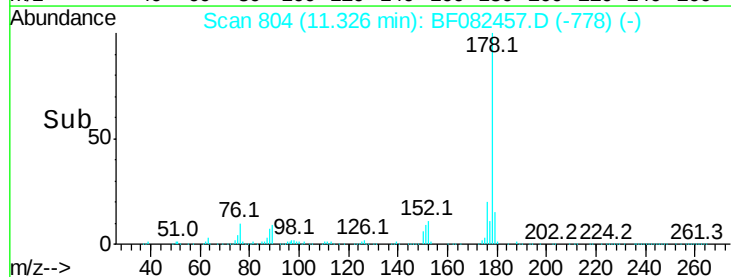
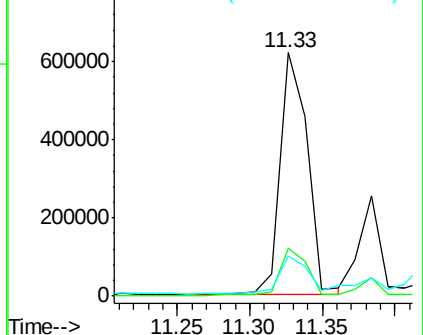
Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.6	12.6	19.0

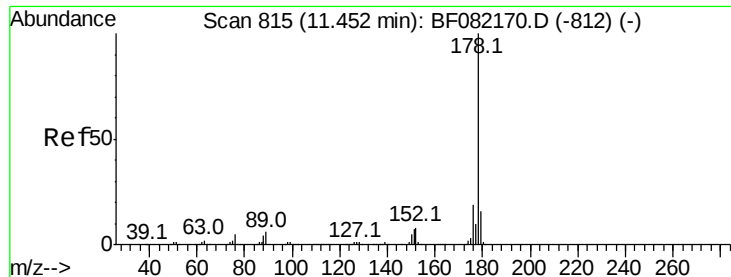


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 14.63 ng

RT: 11.38 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

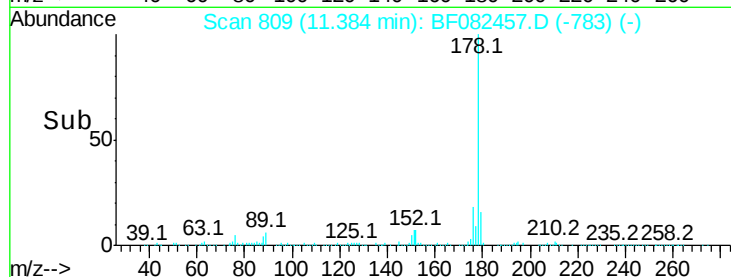
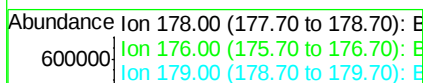
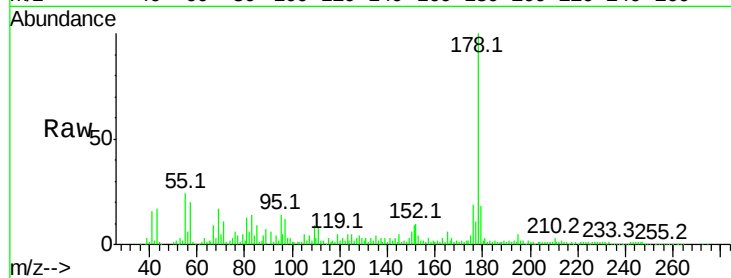
ClientSampleId :

SB15-45-2.5-3

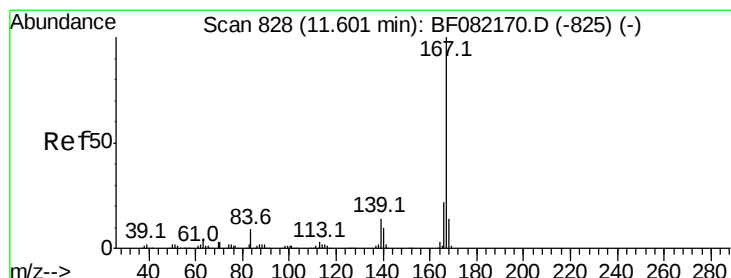
Tot Ion:	178	Resp:	219408
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.0
179	17.8	12.5	18.7

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Time-->



#72

Carbazole

Concen: 7.23 ng

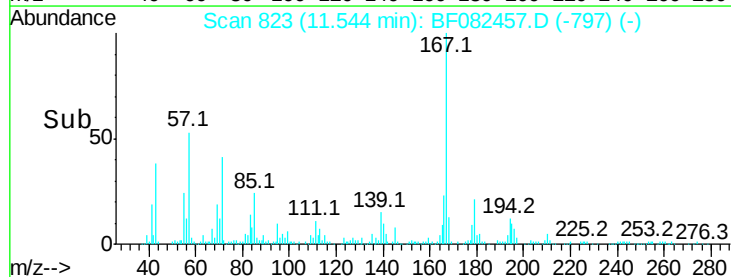
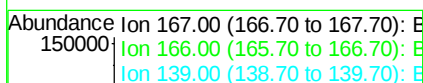
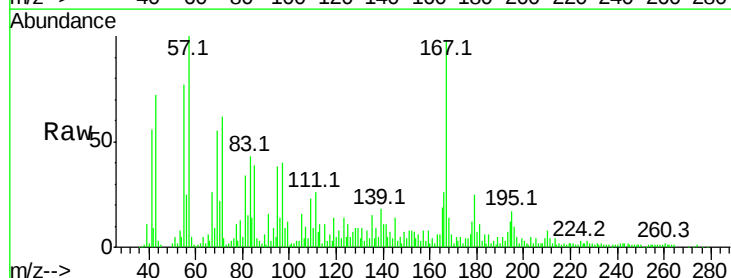
RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

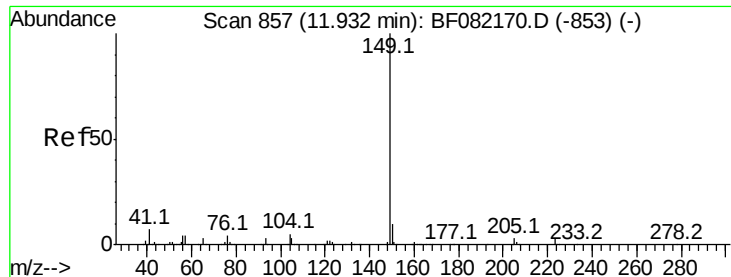
Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	167	Resp:	98880
Ion Ratio	Lower	Upper	
167	100		
166	26.3	17.3	25.9#
139	18.7	11.2	16.8#



Time-->



#73

Di-n-butylphthalate

Concen: 3.48 ng

RT: 11.88 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

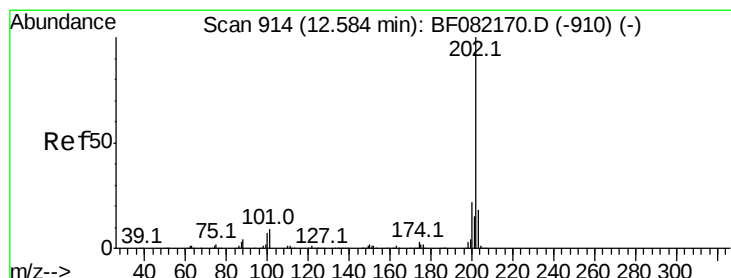
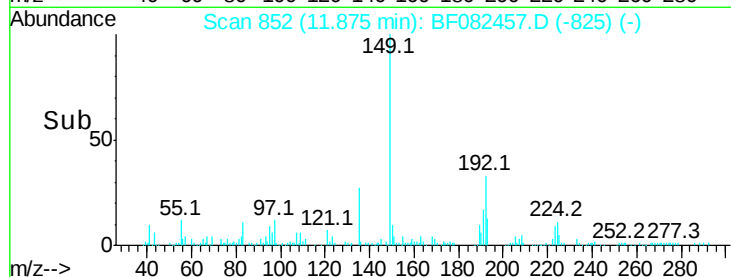
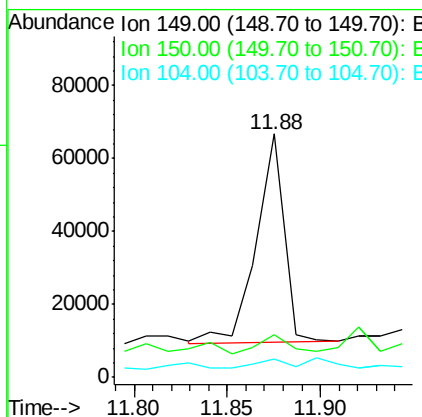
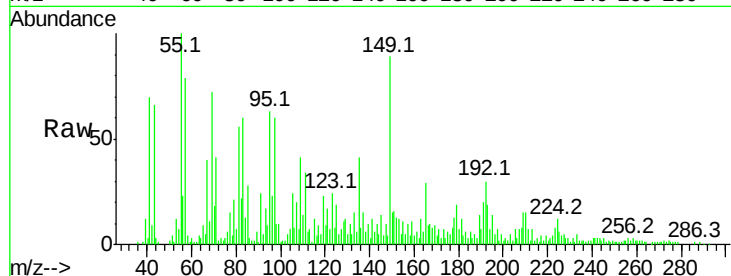
ClientSampleId :

SB15-45-2.5-3

Tot Ion:	149	Resp:	58688
Ion Ratio	Lower	Upper	
149	100		
150	17.4	7.8	11.6#
104	7.6	3.8	5.8#

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#74

Fluoranthene

Concen: 110.35 ng

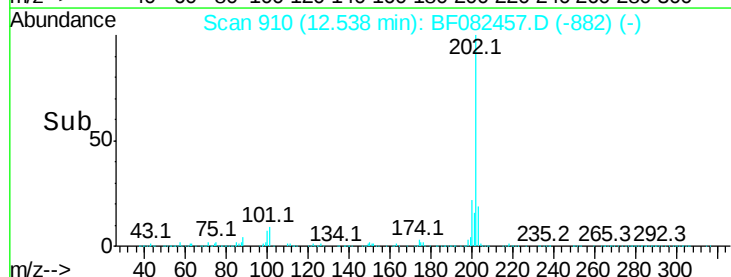
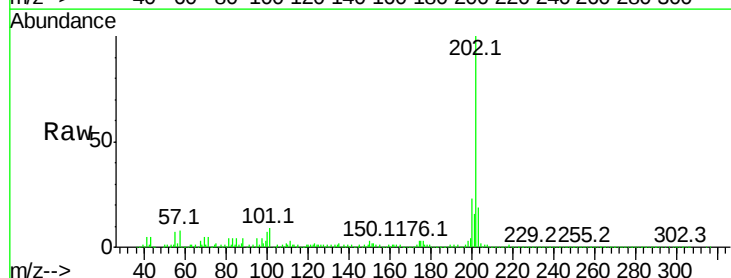
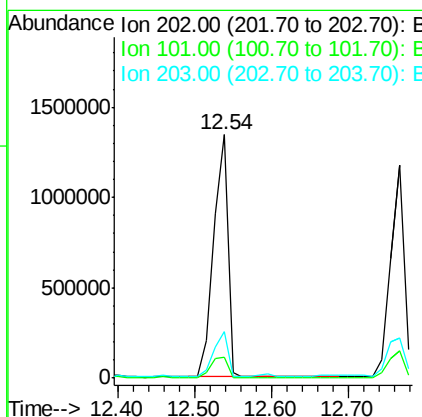
RT: 12.54 min Scan# 910

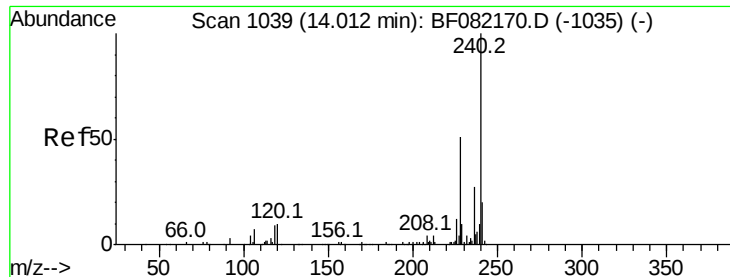
Delta R.T. 0.02 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion:	202	Resp:	1724933
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	29.3
203	18.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

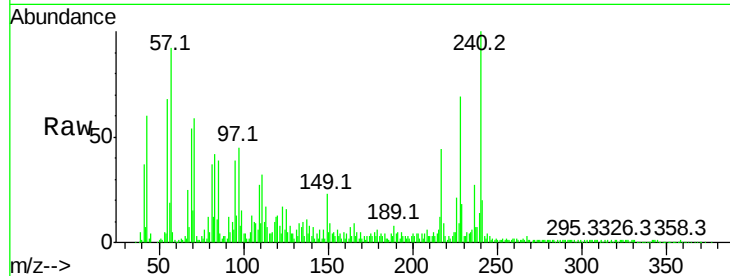
ClientSampleId :

SB15-45-2.5-3

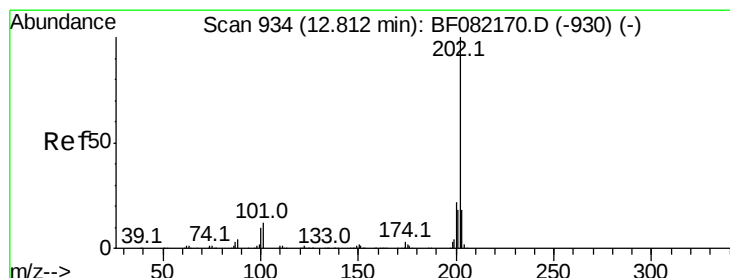
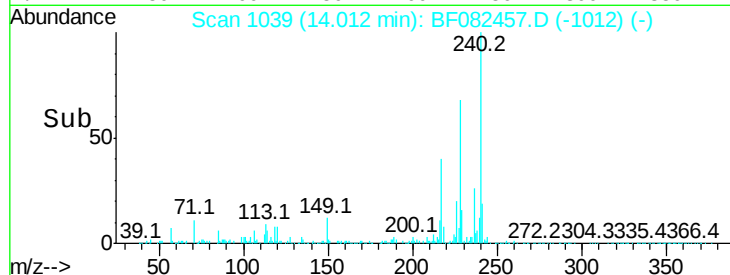
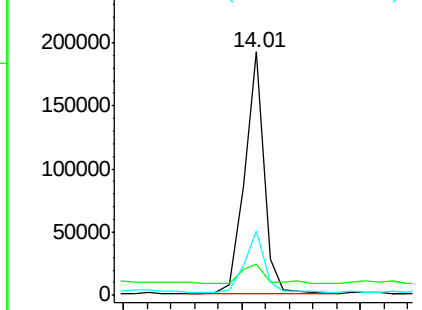
Tot Ion:	240	Resp:	217179
Ion Ratio	Lower	Upper	
240	100		
120	12.9	8.1	12.1#
236	26.7	21.3	31.9

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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



#77

Pyrene

Concen: 111.94 ng

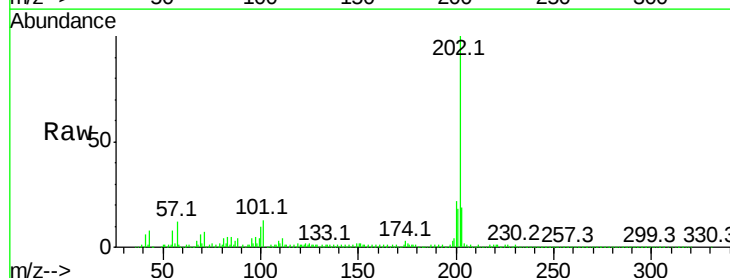
RT: 12.77 min Scan# 930

Delta R.T. 0.02 min

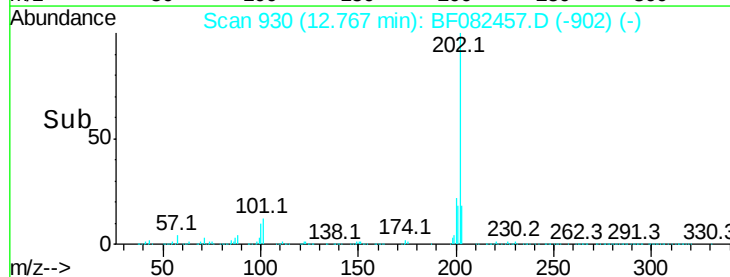
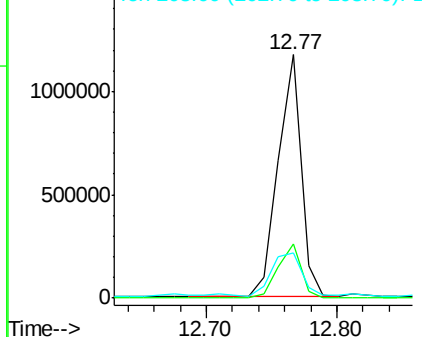
Lab File: BF082457.D

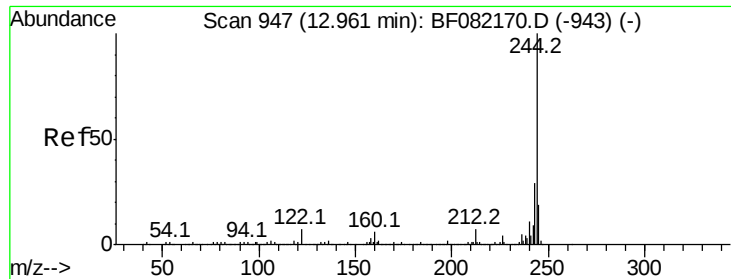
Acq: 22 Oct 2015 21:01

Tgt Ion:	202	Resp:	1442783
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.9	26.9
203	18.8	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





#78

Terphenyl-d14

Concen: 63.25 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

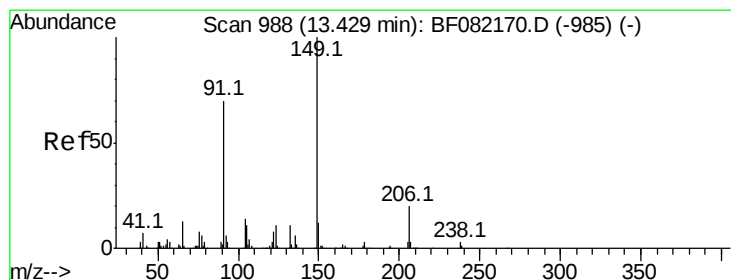
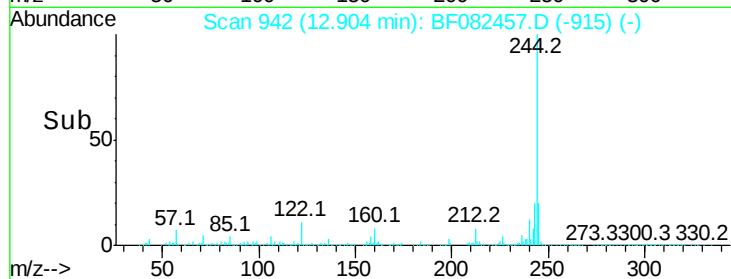
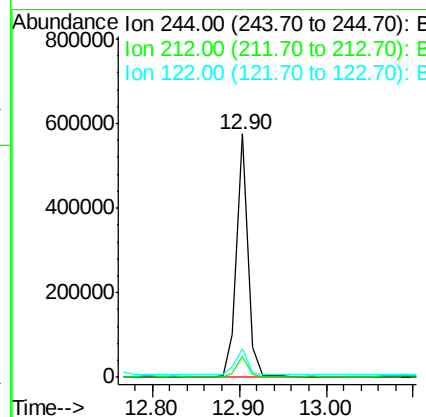
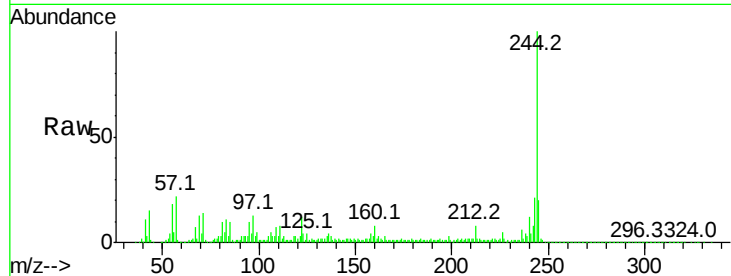
ClientSampleId :

SB15-45-2.5-3

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	5.8	8.6
122	12.0	5.9	8.9#

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#79

Butylbenzylphthalate

Concen: 9.73 ng

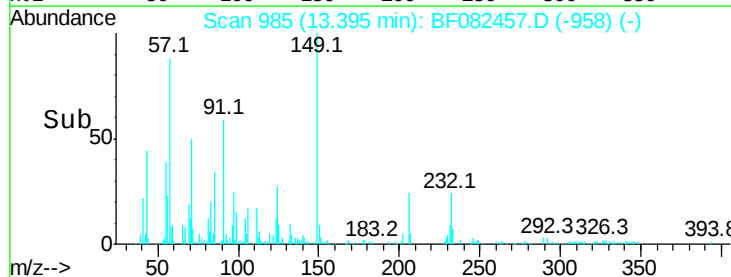
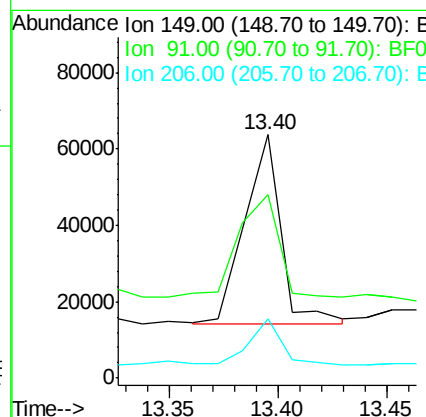
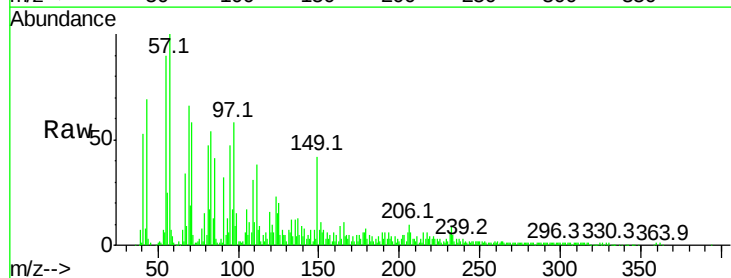
RT: 13.40 min Scan# 985

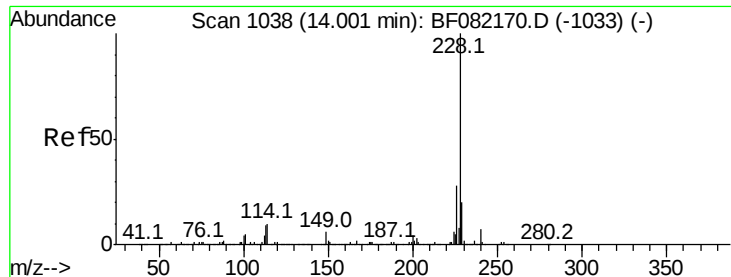
Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	75.2	55.7	83.5
206	24.1	15.6	23.4#





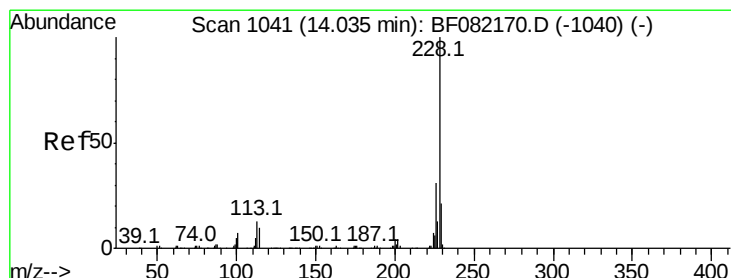
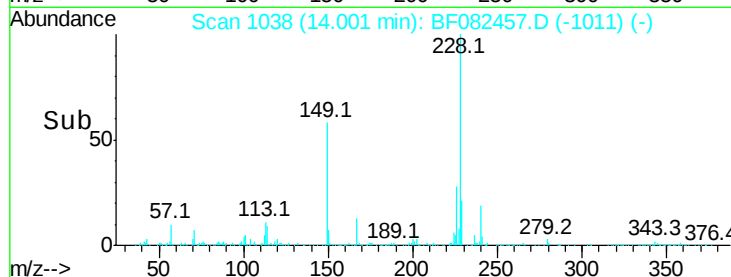
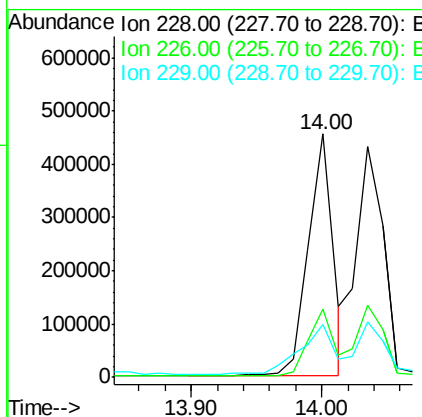
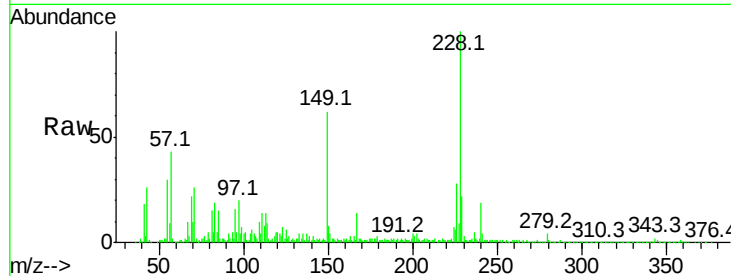
#80
Benzo(a)anthracene
Concen: 52.68 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Instrument :
BNA_F
ClientSampleId :
SB15-45-2.5-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	21.8	16.2	24.2

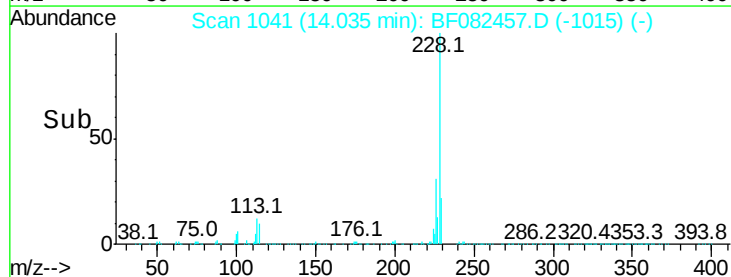
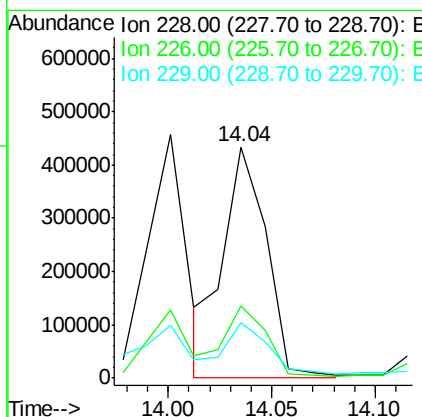
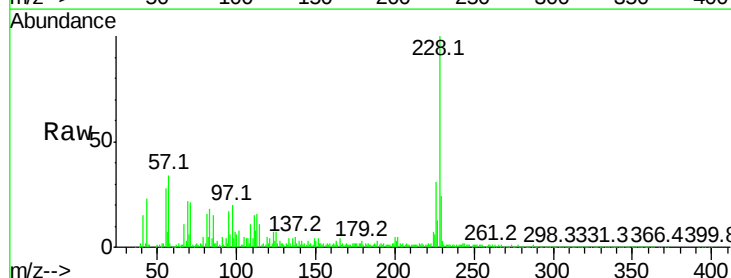
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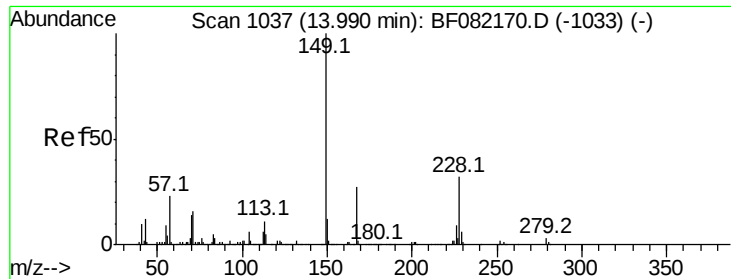
mmdadoda
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#82
Chrysene
Concen: 52.98 ng m
RT: 14.04 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	23.8	16.3	24.5





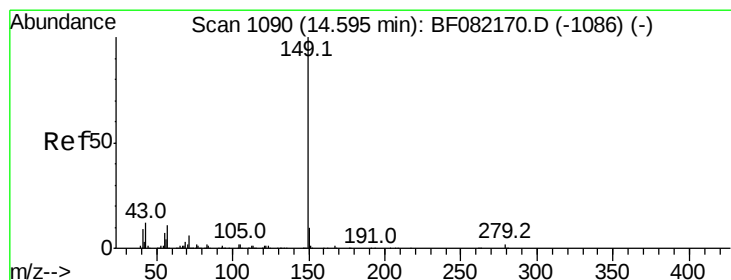
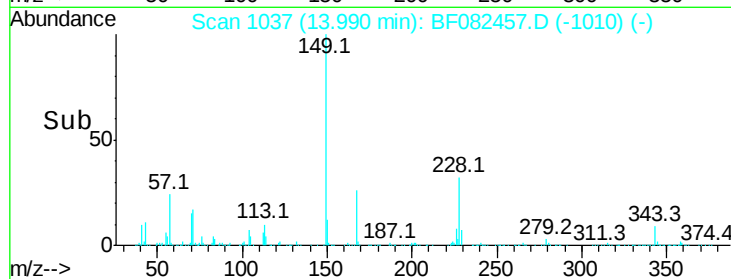
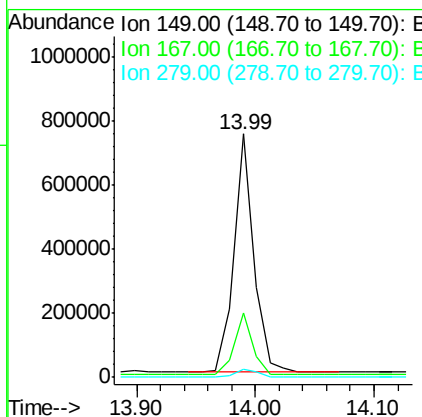
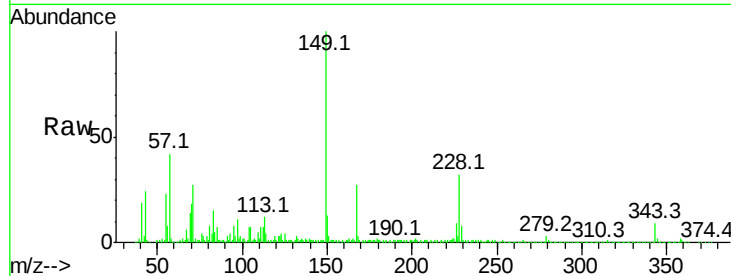
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 103.32 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF082457.D
 Acq: 22 Oct 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SB15-45-2.5-3

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.6	21.3	31.9	
279	3.2	2.6	4.0	

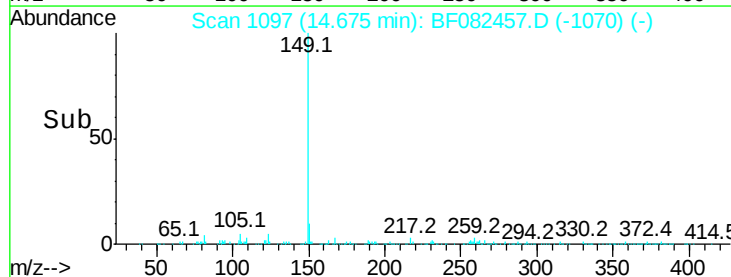
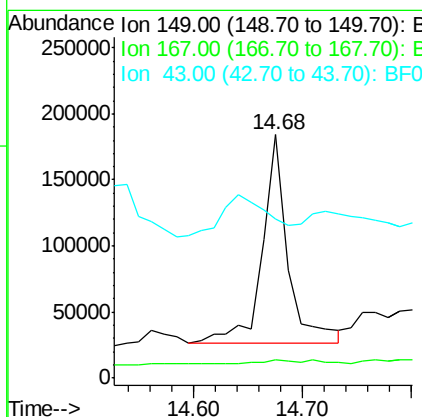
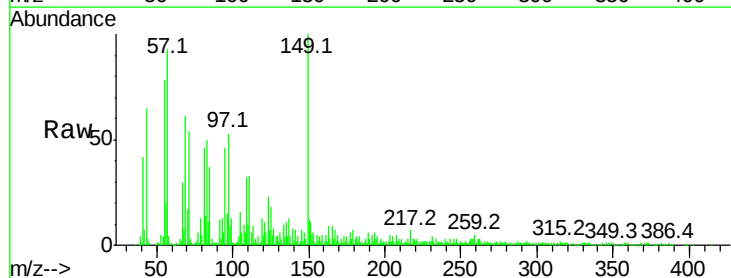
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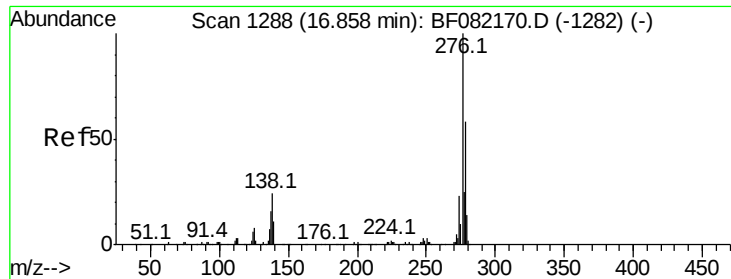
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#84
 Di-n-octyl phthalate
 Concen: 17.78 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF082457.D
 Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	2.6	1.3	1.9#	
43	0.0	7.4	11.2#	





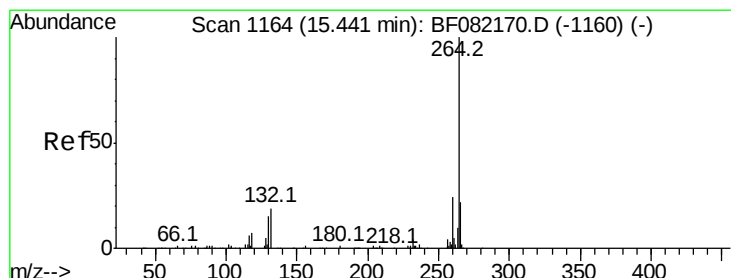
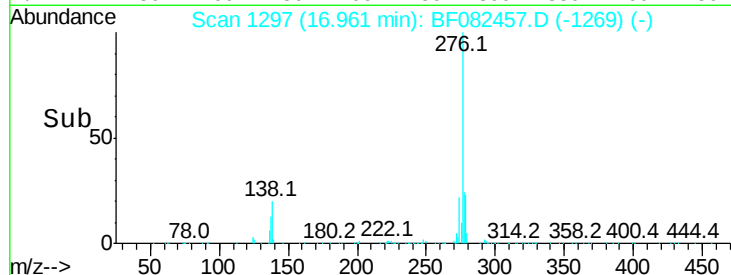
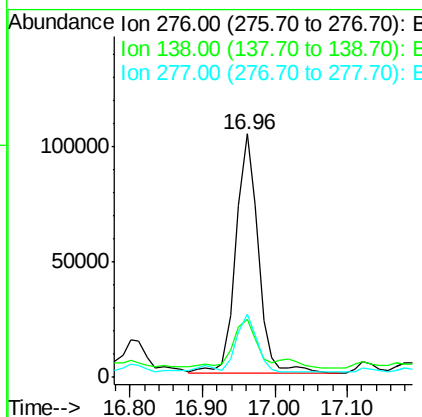
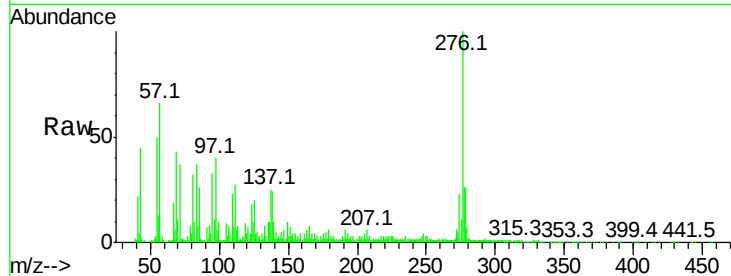
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.80 ng
 RT: 16.96 min Scan# 1297
 Delta R.T. 0.02 min
 Lab File: BF082457.D
 Acq: 22 Oct 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SB15-45-2.5-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.7	29.5
277	24.9	20.1	30.1

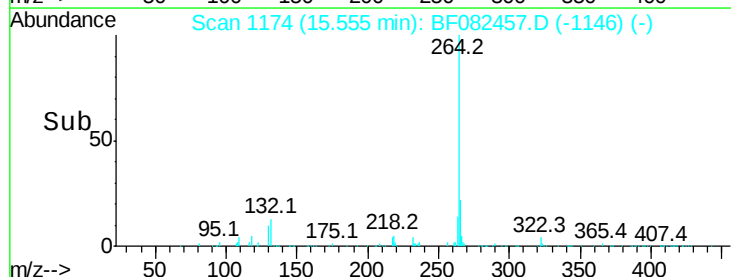
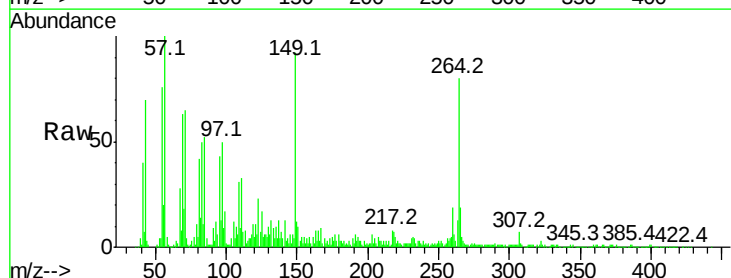
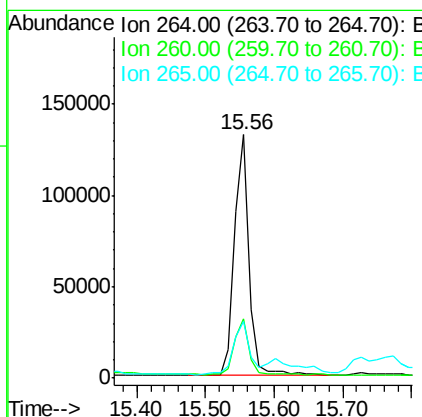
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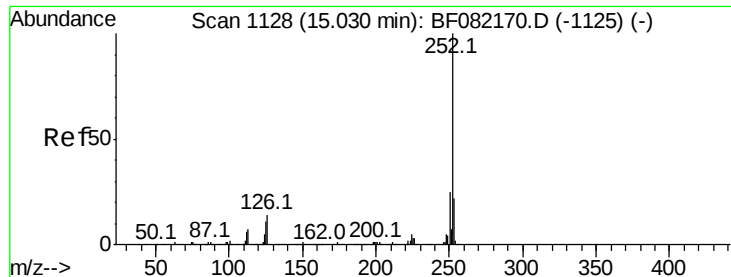
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF082457.D
 Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	23.4	17.3	25.9





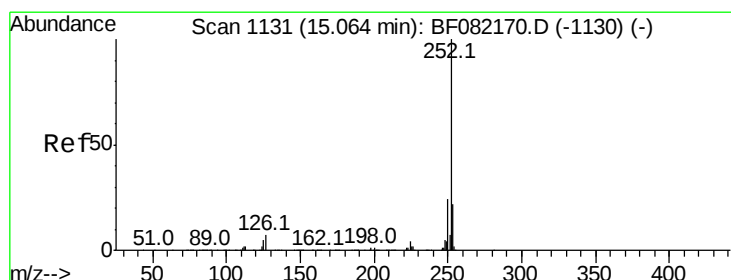
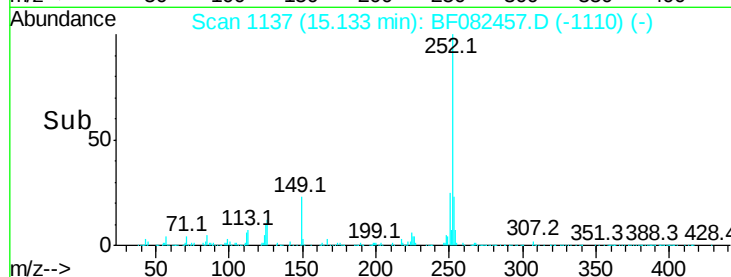
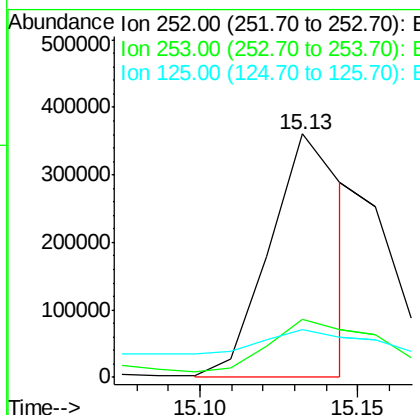
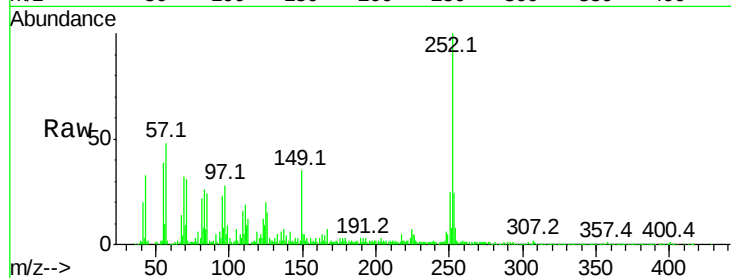
#87
Benzo(b)fluoranthene
Concen: 48.81 ng m
RT: 15.13 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Instrument :
BNA_F
ClientSampleId :
SB15-45-2.5-3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	588006		
253	23.9	18.0	27.0	
125	19.9	8.6	12.8	

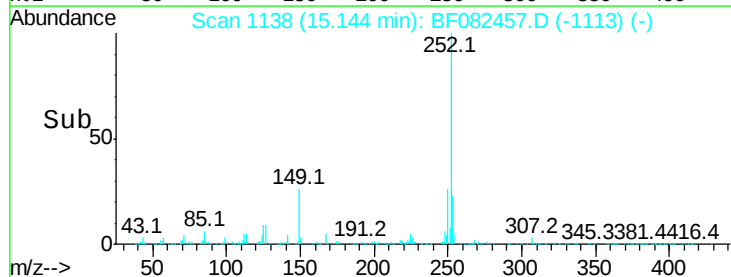
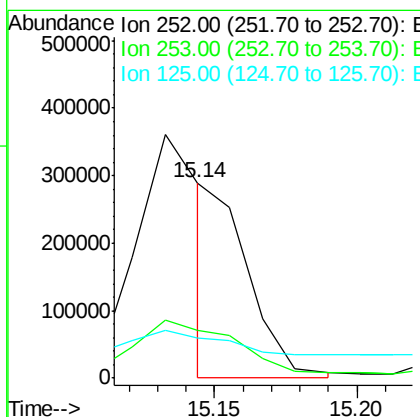
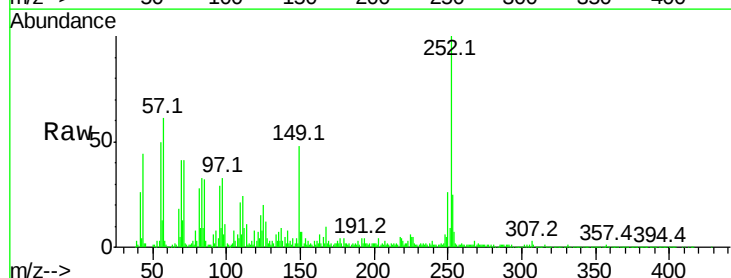
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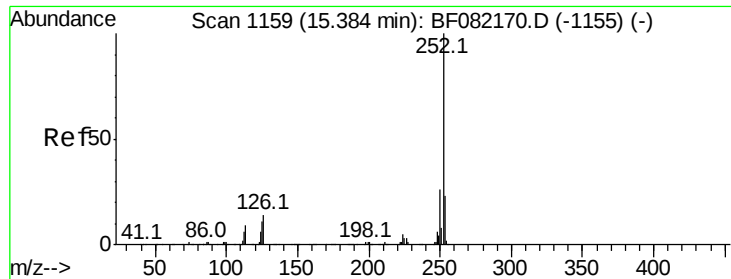
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#88
Benzo(k)fluoranthene
Concen: 24.47 ng m
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF082457.D
Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	247743		
253	24.7	17.8	26.6	
125	20.4	6.7	10.1	





#89

Benzo(a)pyrene

Concen: 37.72 ng

RT: 15.49 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Instrument :

BNA_F

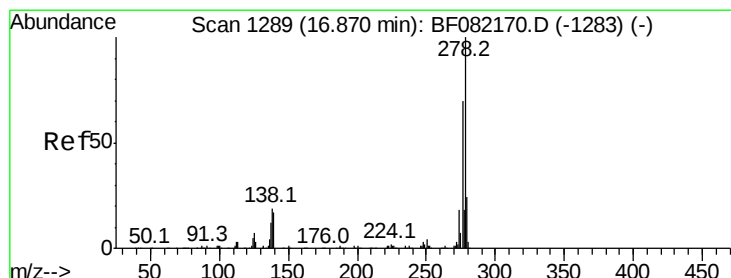
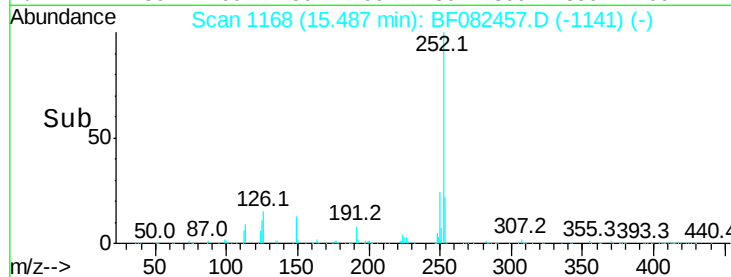
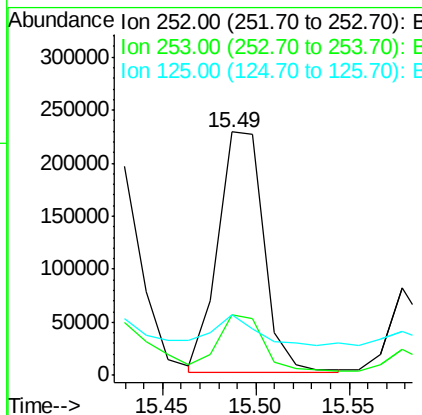
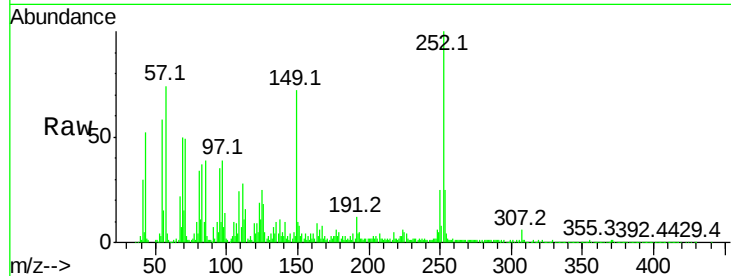
ClientSampleId :

SB15-45-2.5-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	24.9	8.9	13.3#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 6.32 ng

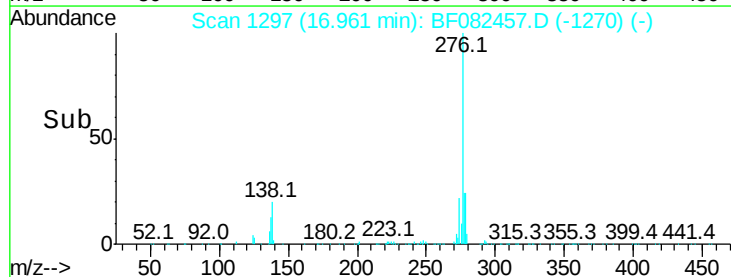
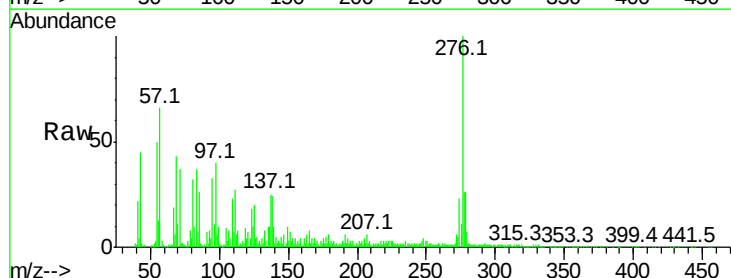
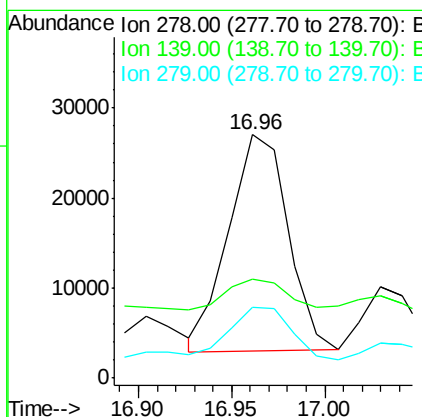
RT: 16.96 min Scan# 1297

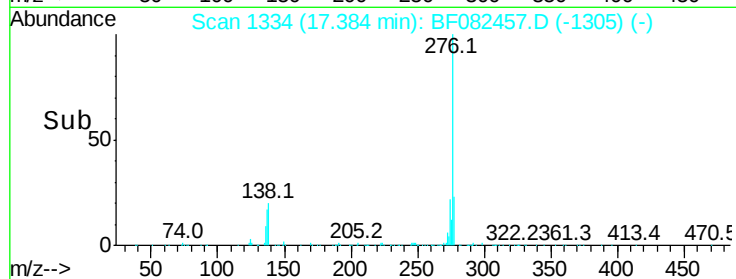
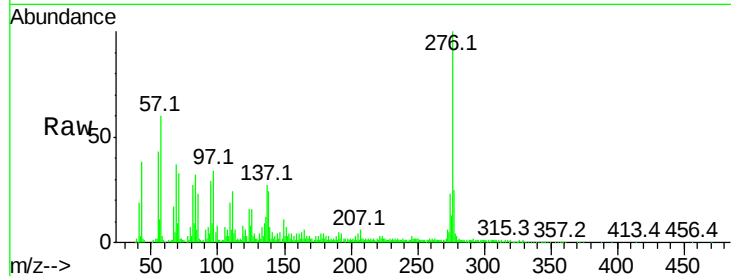
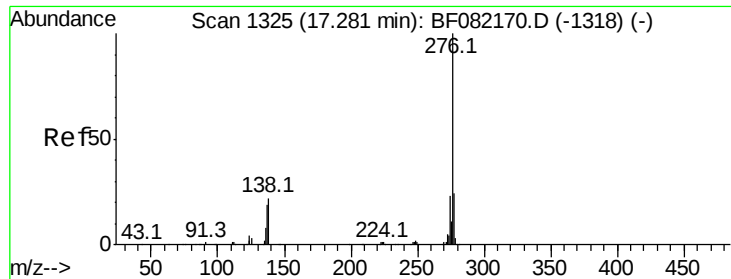
Delta R.T. 0.01 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.5	13.3	19.9#
279	28.9	18.9	28.3#





#91

Benzo(a,h,i)perylene

Concen: 24.97 ng

RT: 17.38 min Scan# 1334

Delta R.T. 0.03 min

Lab File: BF082457.D

Acq: 22 Oct 2015 21:01

Tot Ion:	276	Resp:	205819
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.8	28.2
138	24.0	17.4	26.2

Instrument :

BNA_F

ClientSampleId :

SB15-45-2.5-3

Manual Integrations
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