

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082280.D
 Acq On : 14 Oct 2015 15:30
 Operator : UM/IZ
 Sample : G4015-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Manual Integrations
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Quant Time: Oct 15 16:52:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	65436	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	251642	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	105828	20.00	ng	0.03
63) Phenanthrene-d10	11.42	188	175326	20.00	ng	0.06
75) Chrysene-d12	14.17	240	83572	20.00	ng	0.05
86) Perylene-d12	15.76	264	102841	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	215653	66.51	ng	0.00
7) Phenol-d6	6.47	99	429209	101.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	292333	78.01	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	21929	22.10	ng	0.05
44) 2-Fluorobiphenyl	9.21	172	578885	90.71	ng	0.01
78) Terphenyl-d14	13.04	244	347965	110.33	ng	0.06
Target Compounds						Qvalue
10) Phenol	6.49	94	186441	38.33	ng	84
15) Benzyl Alcohol	6.98	79	327129	112.31	ng	99
17) 2-Methylphenol	7.09	107	82411	26.33	ng	98
31) Naphthalene	8.14	128	216205	19.82	ng	99
37) 2-Methylnaphthalene	8.82	142	47147	6.23	ng	95
45) 1,1'-Biphenyl	9.31	154	23405	2.90	ng	75
49) Dimethylphthalate	9.61	163	47973	6.44	ng	# 94
51) Acenaphthene	9.94	154	25838	4.35	ng	# 87
54) Dibenzofuran	10.11	168	45964	5.64	ng	# 69
57) Fluorene	10.47	166	40760	6.08	ng	# 80
70) Phenanthrene	11.44	178	333627m	38.82	ng	
71) Anthracene	11.47	178	44248m	5.00	ng	
74) Fluoranthene	12.66	202	155664	16.86	ng	# 55
77) Pyrene	12.89	202	135441	27.31	ng	# 50
80) Benzo(a)anthracene	14.17	228	64598m	14.86	ng	
82) Chrysene	14.18	228	22156m	4.84	ng	
83) Bis(2-ethylhexyl)phthalate	14.13	149	448102	138.77	ng	# 83
85) Indeno(1,2,3-cd)pyrene	17.20	276	24534	6.74	ng	# 91

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

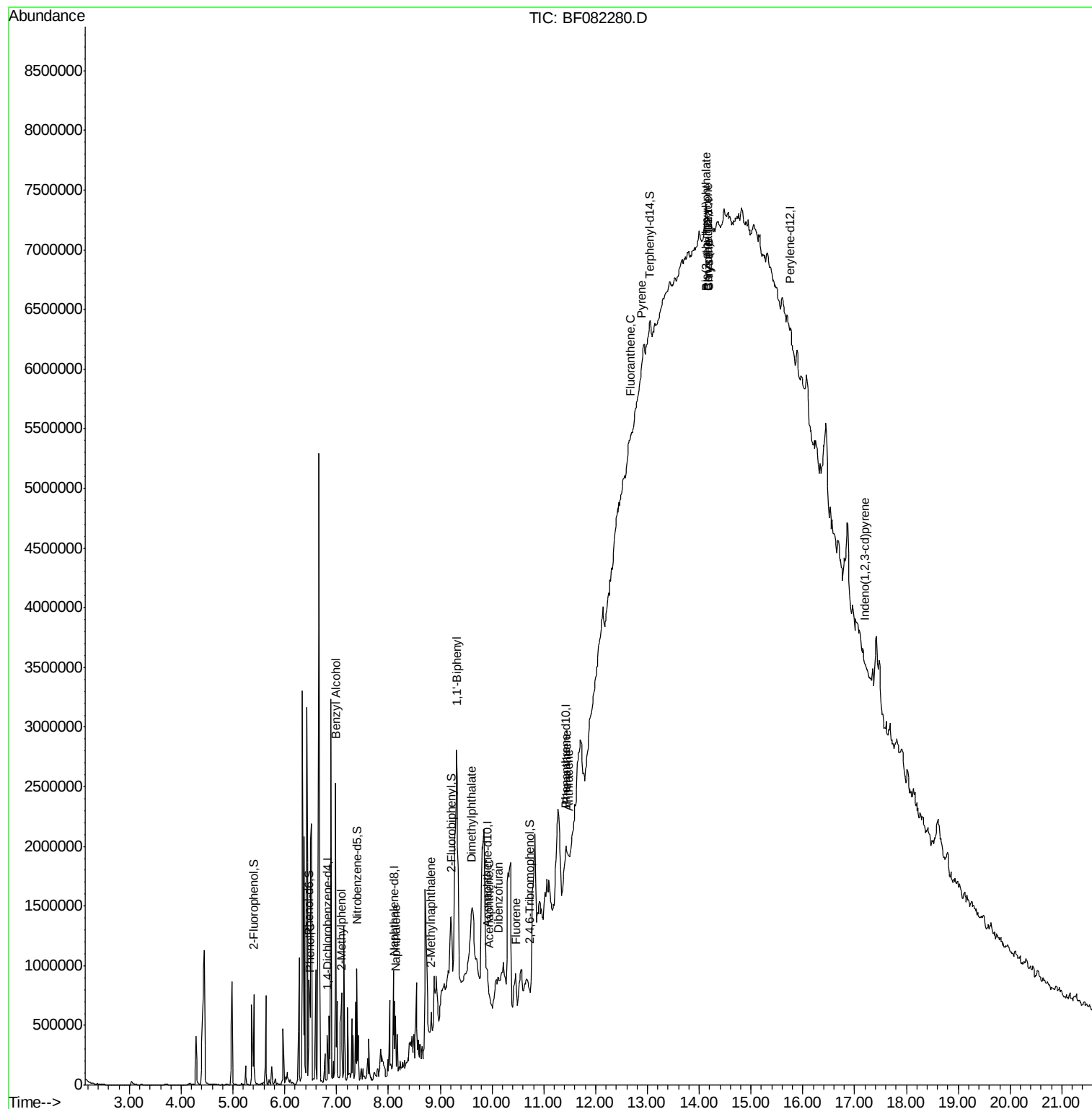
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082280.D
Acq On : 14 Oct 2015 15:30
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ALS Vial : 7 Sample Multiplier: 1

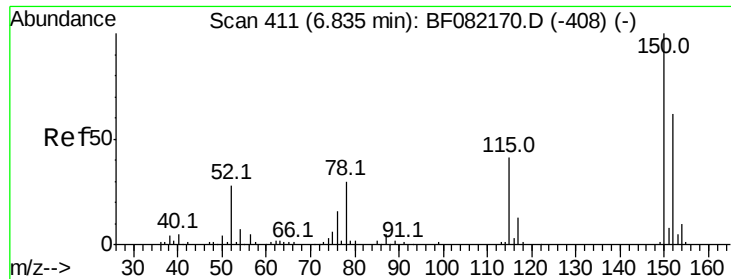
Instrument :
BNA_F
ClientSampleId :
CF-2

Quant Time: Oct 15 16:52:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

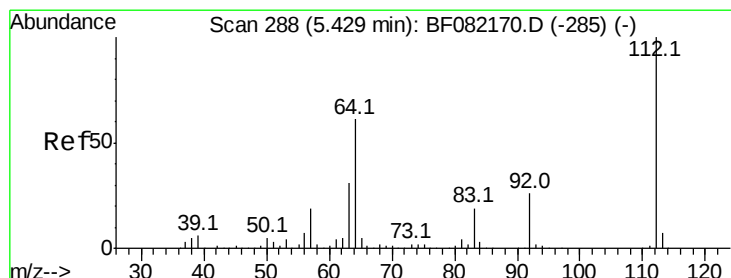
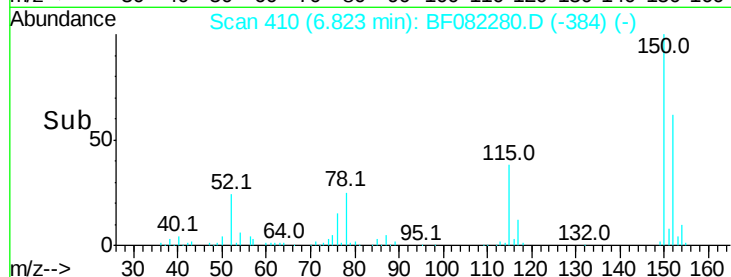
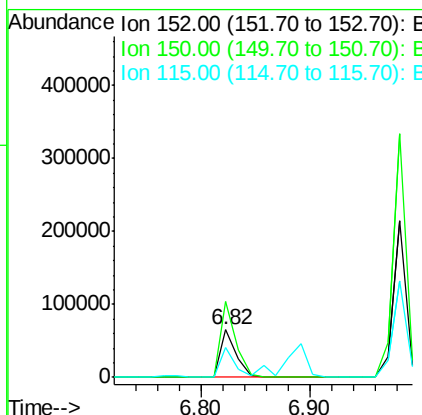
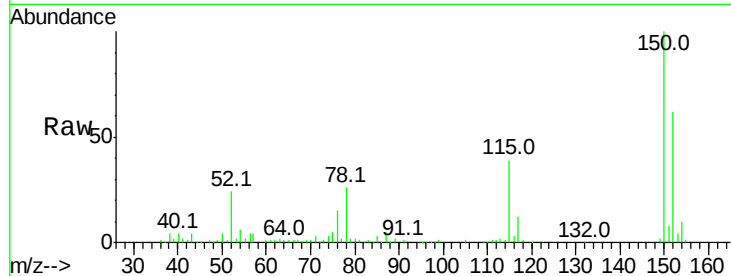
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampled :
CF-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	129.0	193.4
115	62.1	52.1	78.1

Manual Integrations
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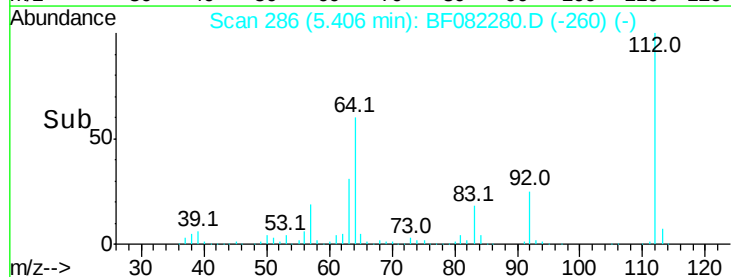
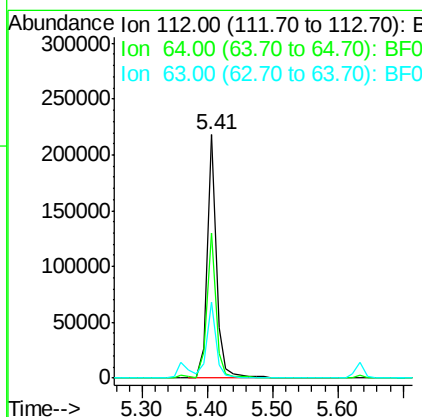
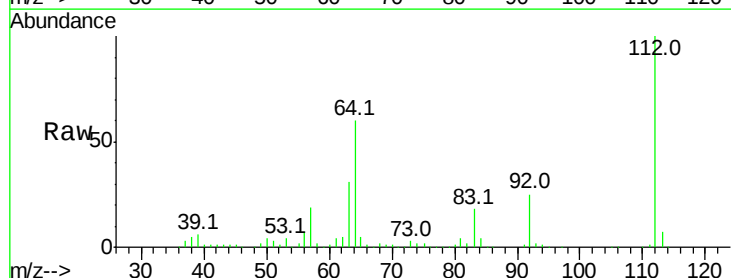
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#5

2-Fluorophenol
Concen: 66.51 ng
RT: 5.41 min Scan# 286
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.6	73.0
63	31.0	25.1	37.7





#7

Phenol-d6

Concen: 101.73 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

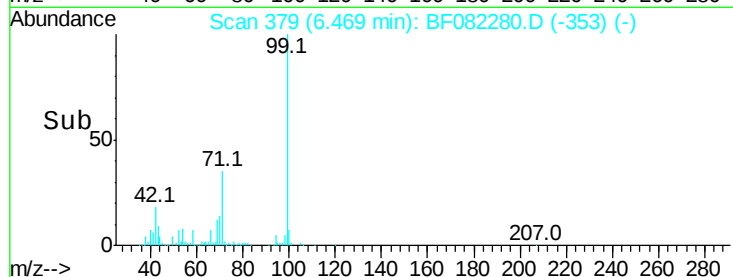
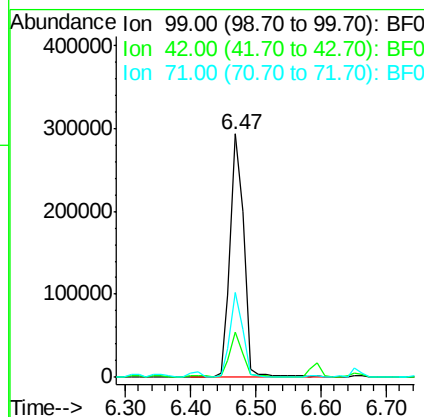
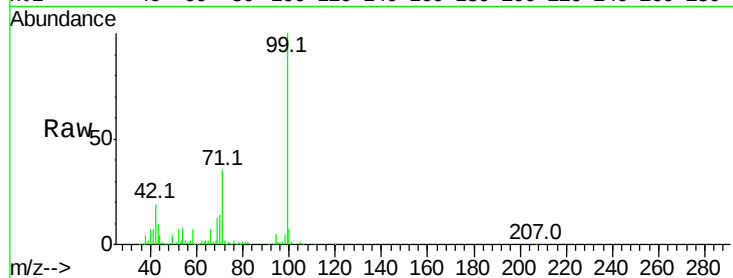
ClientSampleId :

CF-2

Tot Ion:	99	Resp:	429209
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.2	19.8
71	34.7	25.6	38.4

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#10

Phenol

Concen: 38.33 ng

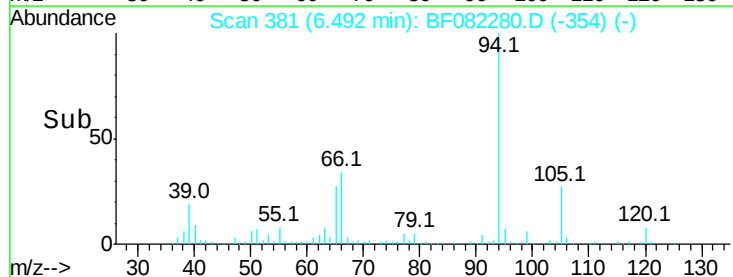
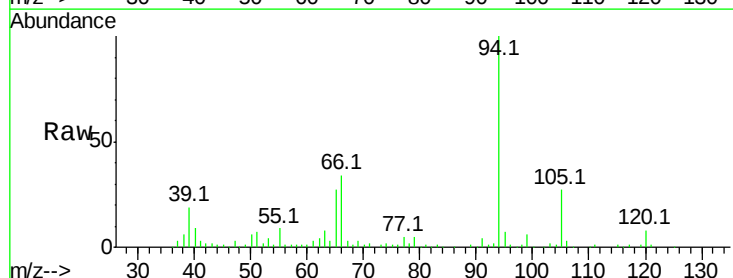
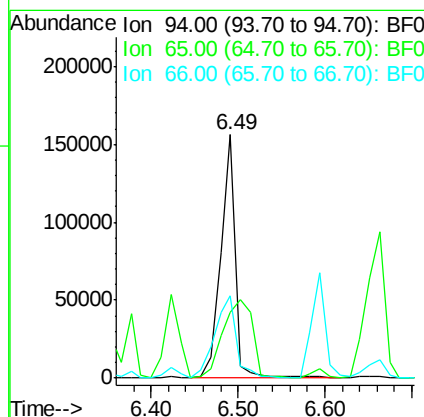
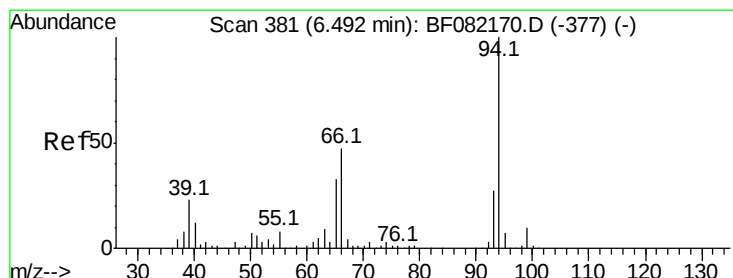
RT: 6.49 min Scan# 381

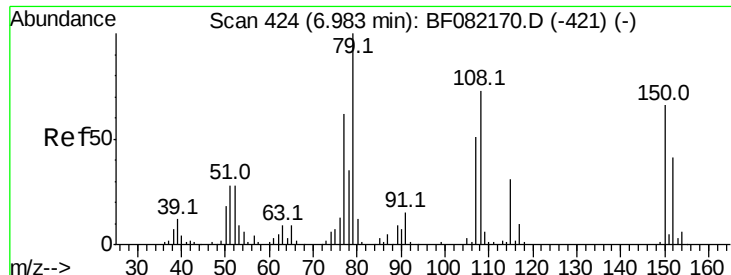
Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Tgt Ion:	94	Resp:	186441
Ion Ratio	Lower	Upper	
94	100		
65	27.2	12.6	52.6
66	33.6	27.3	67.3





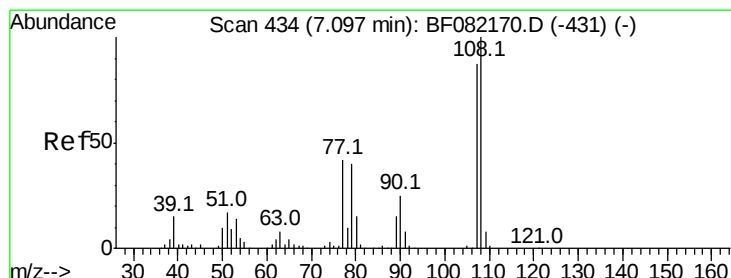
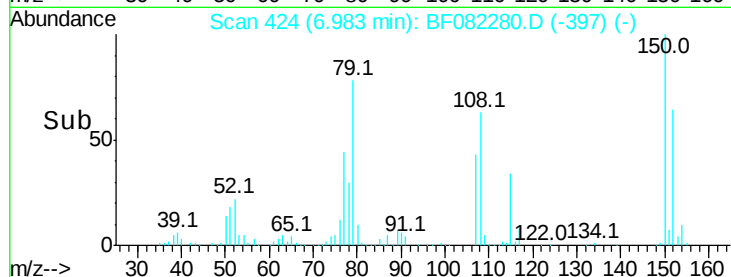
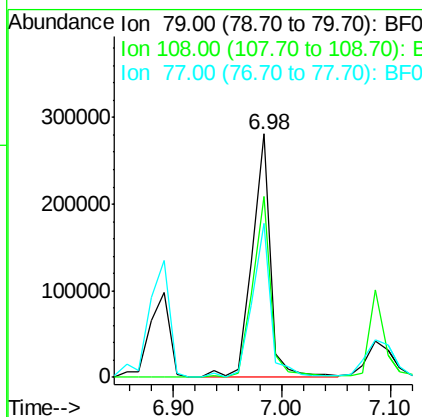
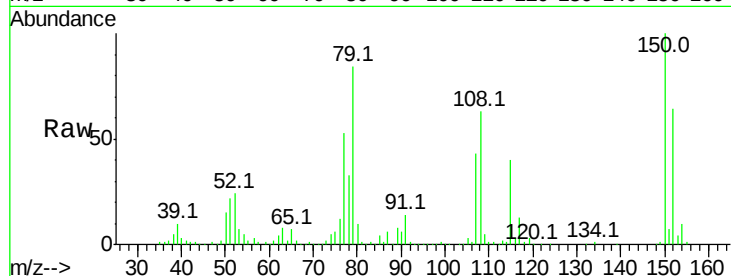
#15
Benzyl Alcohol
Concen: 112.31 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampled :
CF-2

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.2	58.4	87.6
77	63.0	49.8	74.6

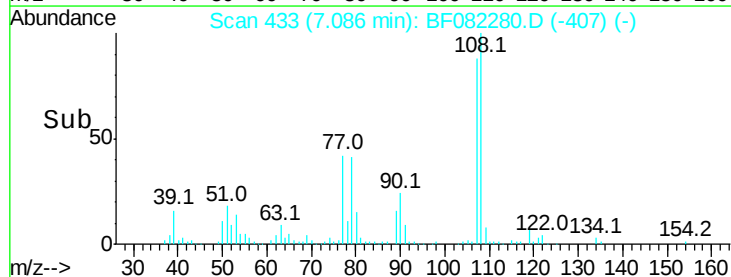
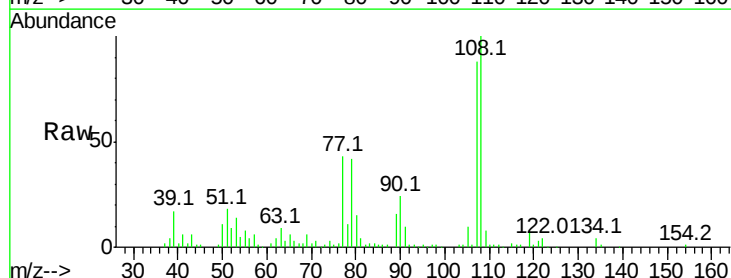
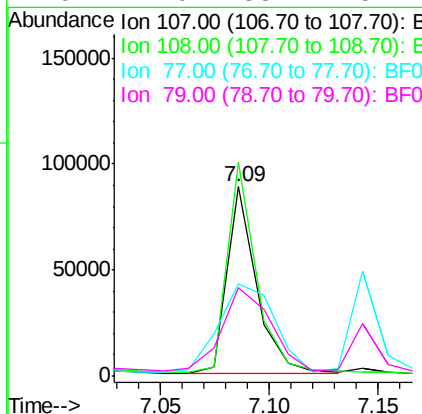
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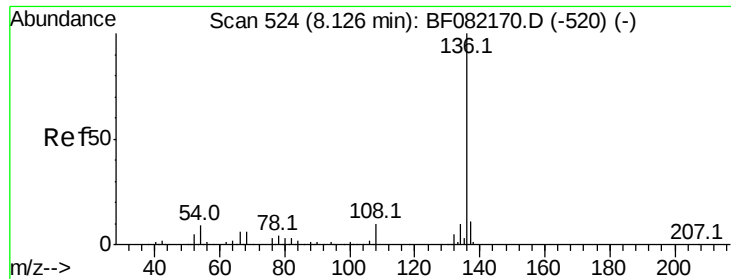
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#17
2-Methylphenol
Concen: 26.33 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.2	138.2
77	48.6	39.6	59.4
79	47.0	38.2	57.4





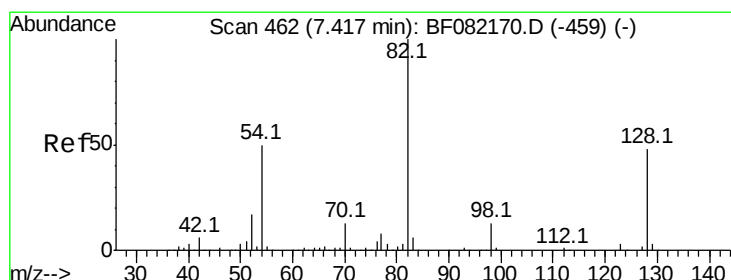
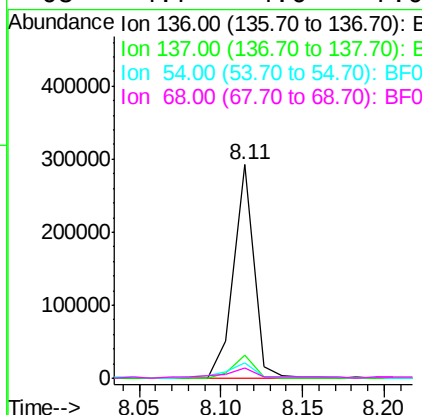
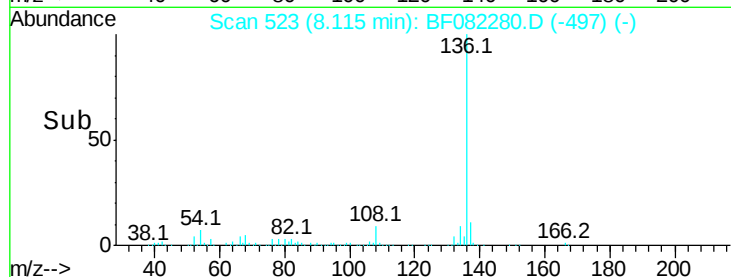
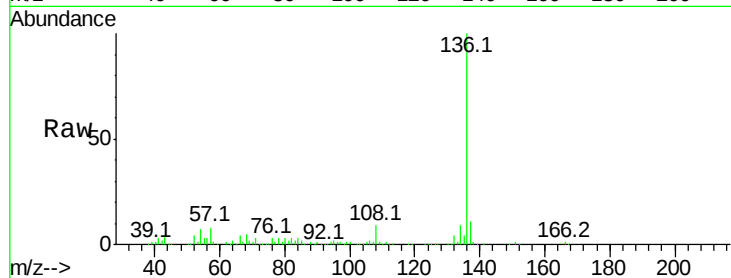
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	7.2	7.5	11.3	
68	4.7	4.6	7.0	

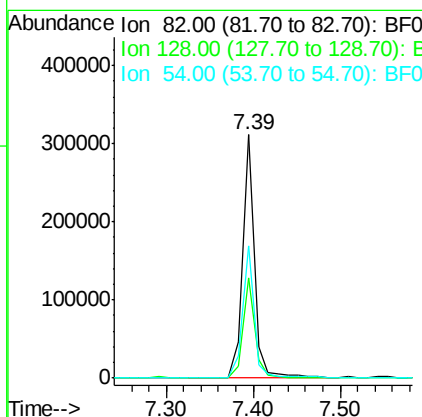
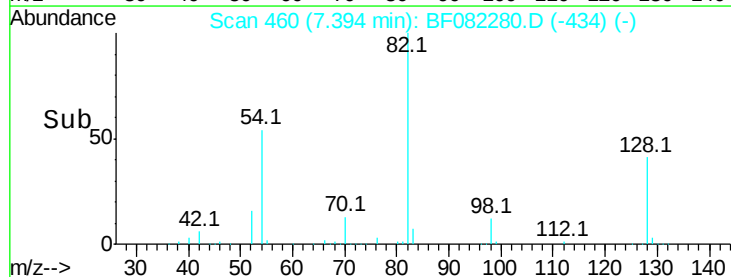
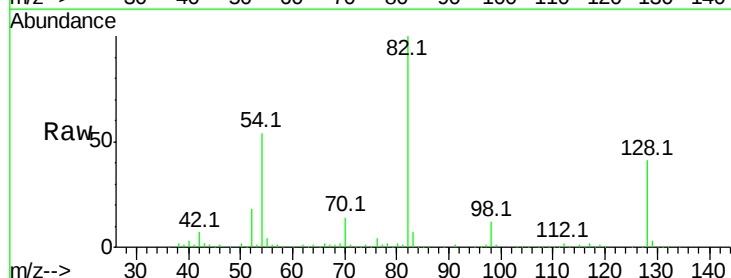
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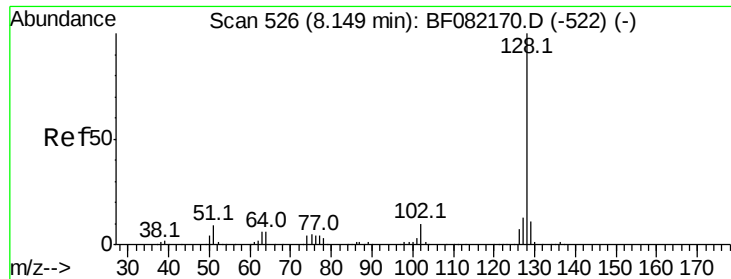
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#23
Nitrobenzene-d5
Concen: 78.01 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.3	38.7	58.1	
54	54.4	40.1	60.1	





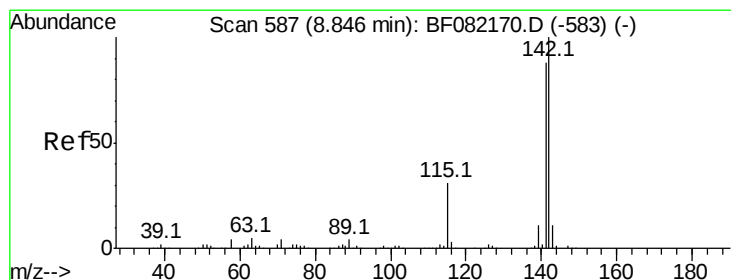
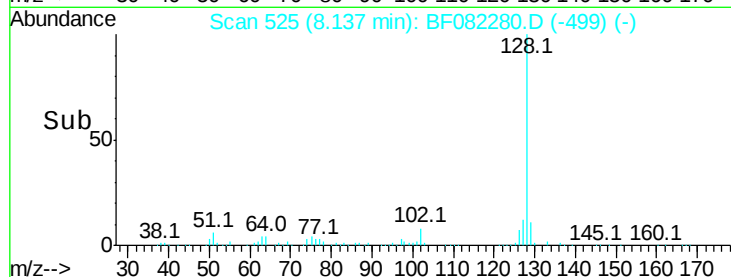
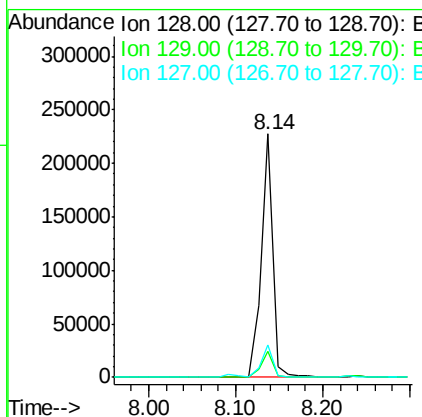
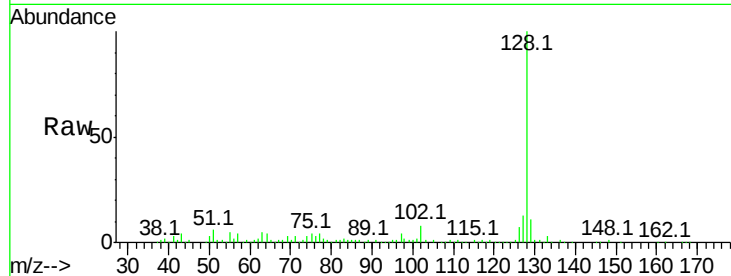
#31
Naphthalene
Concen: 19.82 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion	Ratio	Resp	Lower	Upper
128	100	216205		
129	10.8		9.1	13.7
127	13.1		10.7	16.1

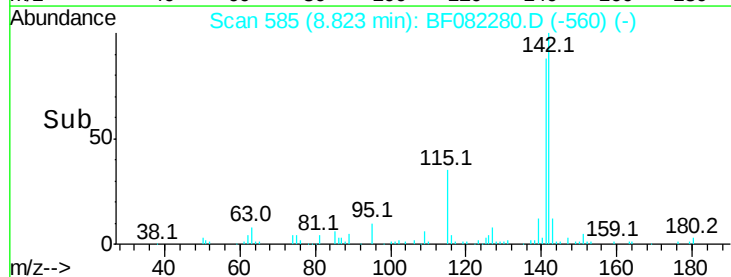
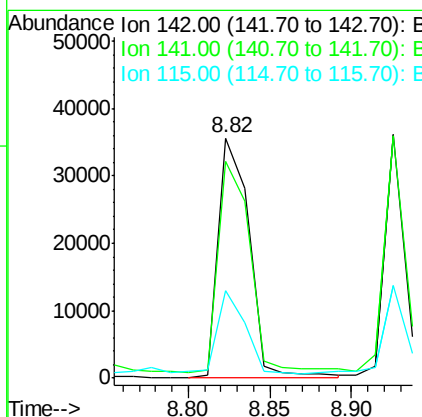
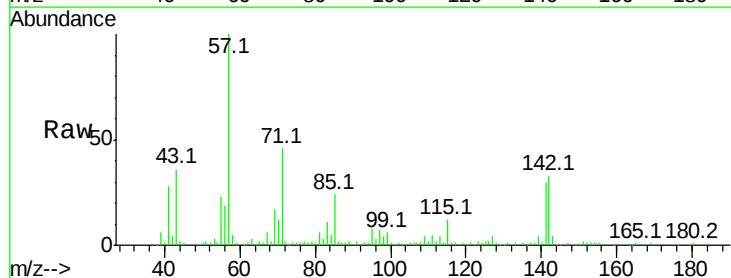
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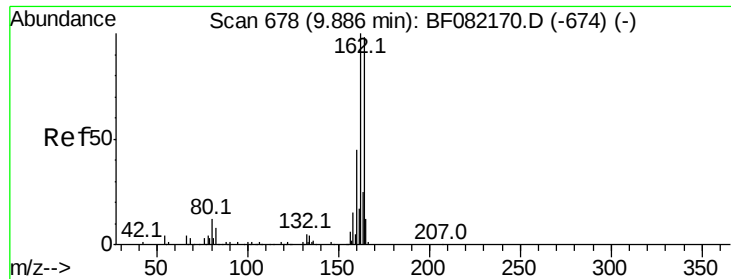
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#37
2-Methylnaphthalene
Concen: 6.23 ng
RT: 8.82 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	47147		
141	90.5		70.4	105.6
115	36.5		24.6	37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

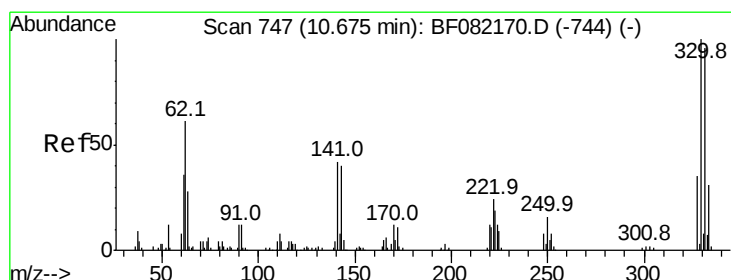
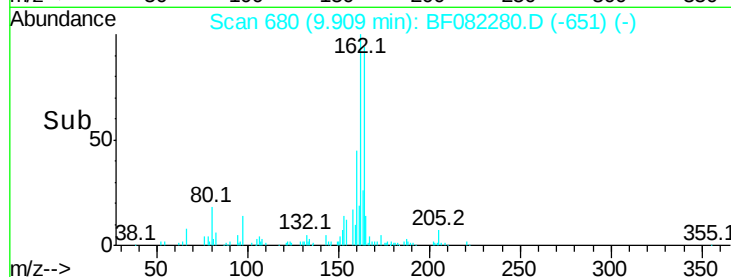
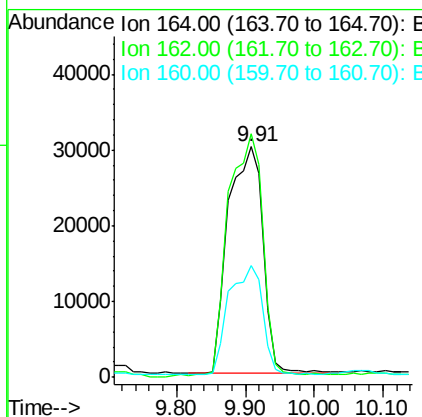
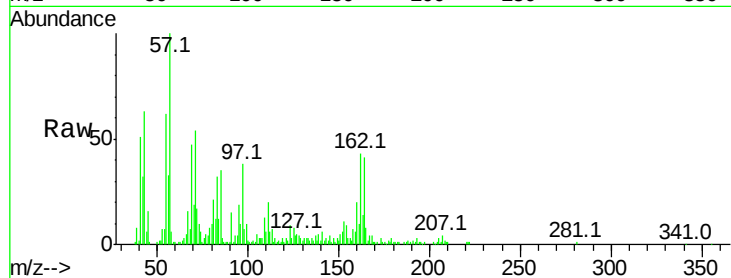
ClientSampleId :

CF-2

Tot Ion:	164	Resp:	105828
Ion Ratio	Lower	Upper	
164	100		
162	105.7	81.6	122.4
160	48.8	36.4	54.6

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 22.10 ng

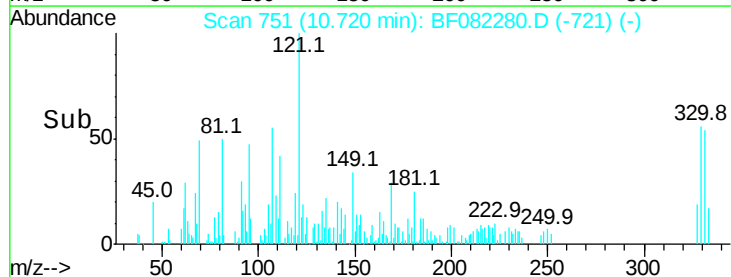
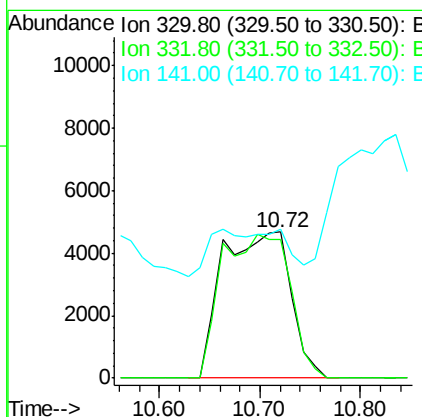
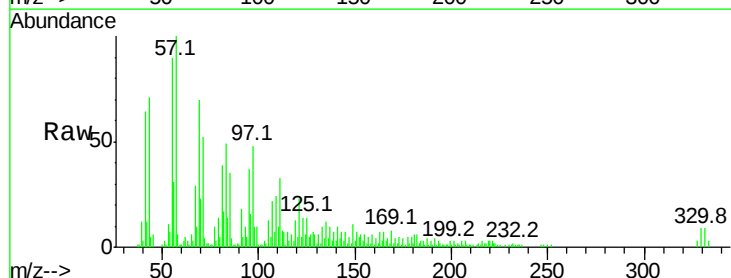
RT: 10.72 min Scan# 751

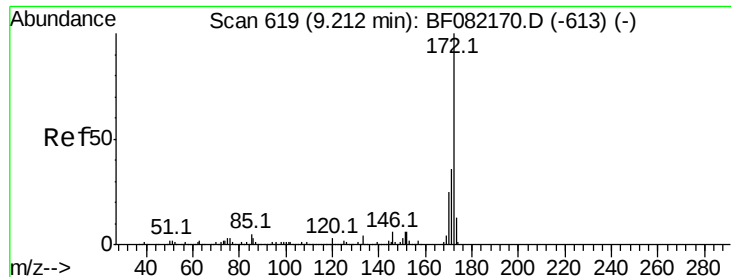
Delta R.T. 0.05 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Tgt Ion:	330	Resp:	21929
Ion Ratio	Lower	Upper	
330	100		
332	0.0	77.1	115.7#
141	0.0	29.8	44.8#





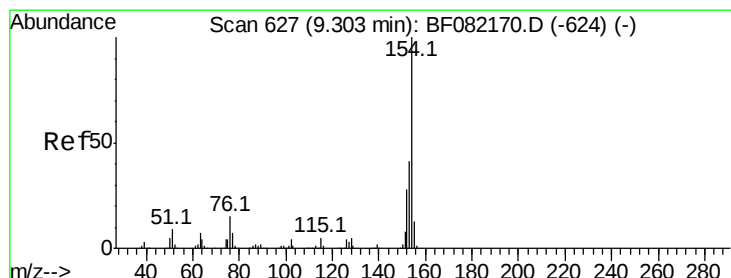
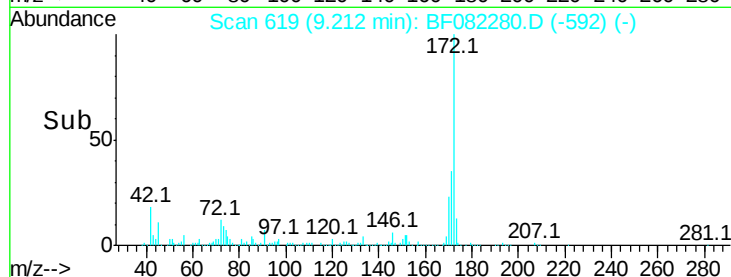
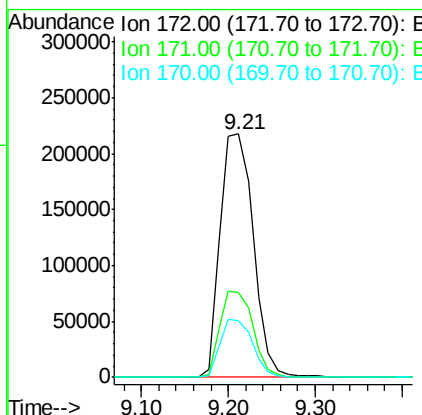
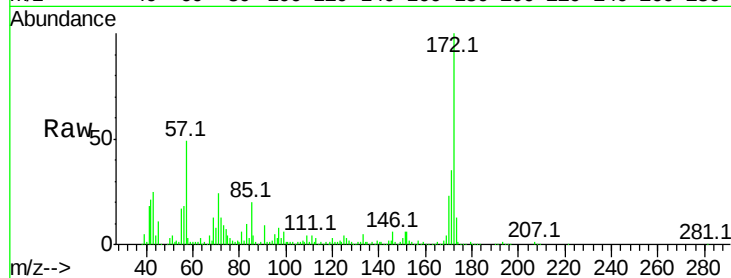
#44
 2-Fluorobiphenyl
 Concen: 90.71 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	578885		
171	35.1		28.6	42.8
170	23.2		19.7	29.5

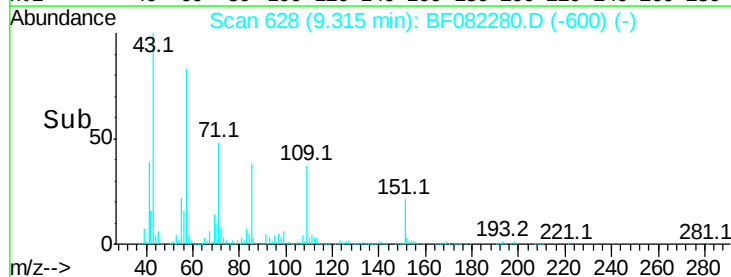
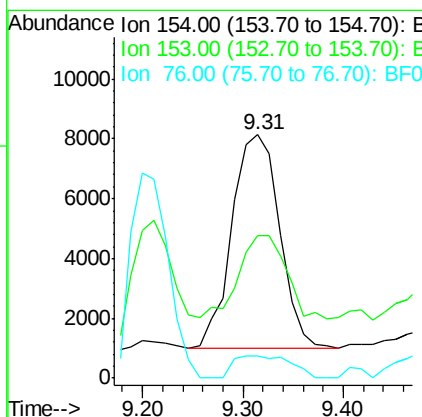
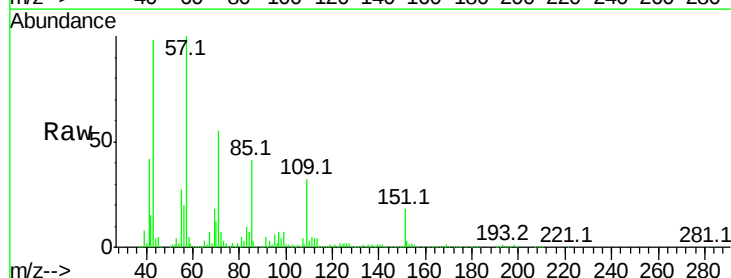
Manual Integrations
 APPROVED

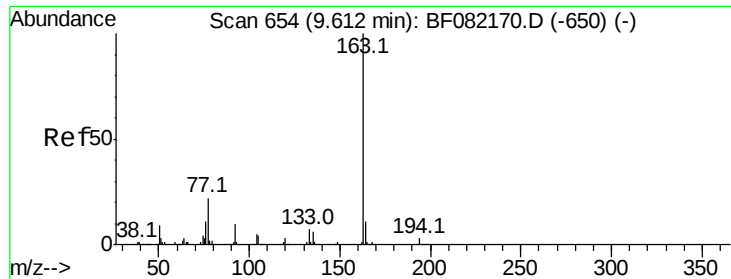
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#45
 1,1'-Biphenyl
 Concen: 2.90 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.02 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	23405		
153	58.3		20.6	60.6
76	9.2		0.0	35.2





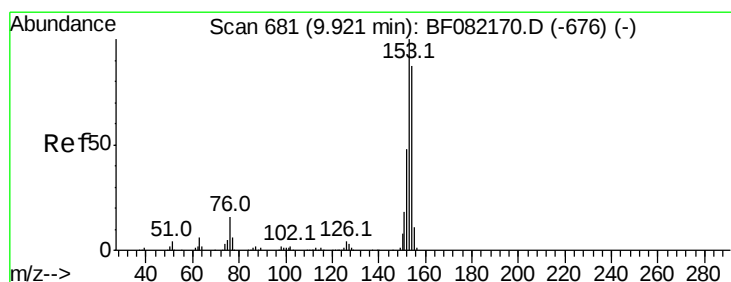
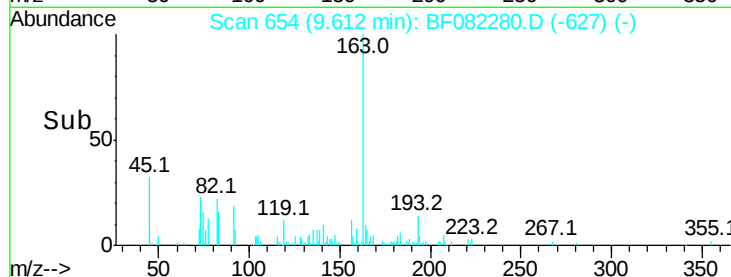
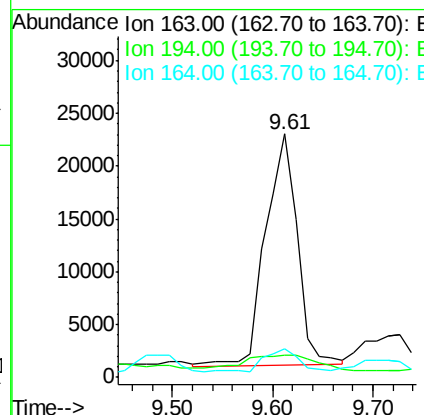
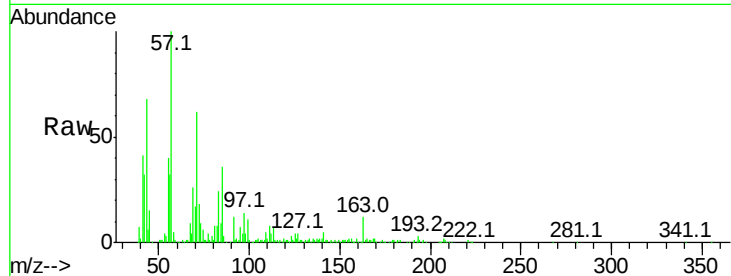
#49
Dimethylphthalate
Concen: 6.44 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	47973		
194	8.9	2.6	4.0#	
164	11.5	8.5	12.7	

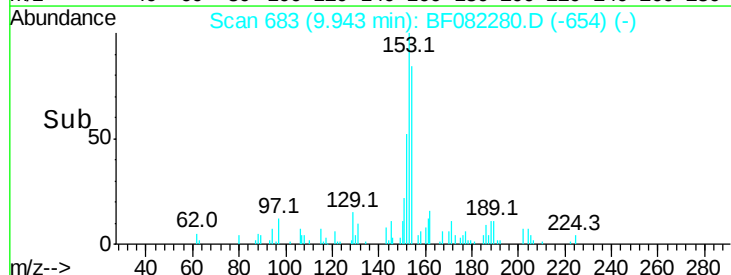
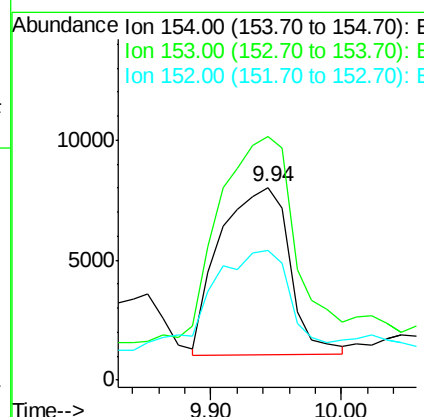
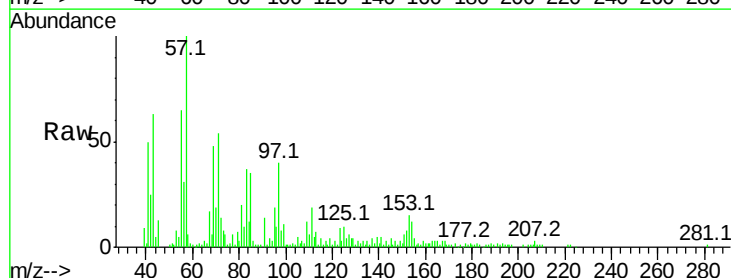
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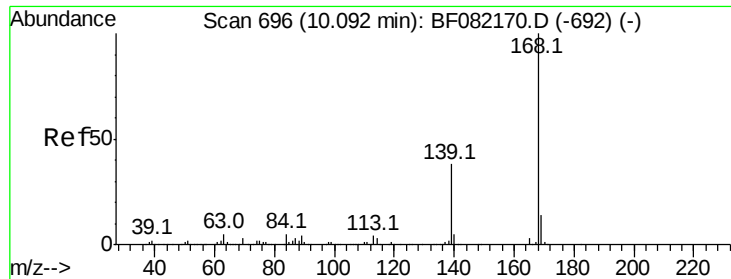
MMdadoda
10/15/2015 4:55:39 PM



#51
Acenaphthene
Concen: 4.35 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.03 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	25838		
153	126.3	91.4	137.2	
152	67.5	44.3	66.5#	





#54

Dibenzenofuran

Concen: 5.64 ng

RT: 10.11 min Scan# 698

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

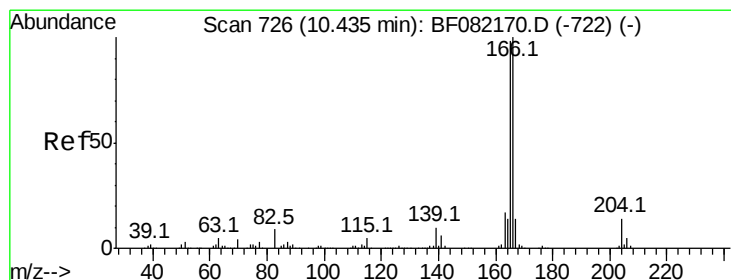
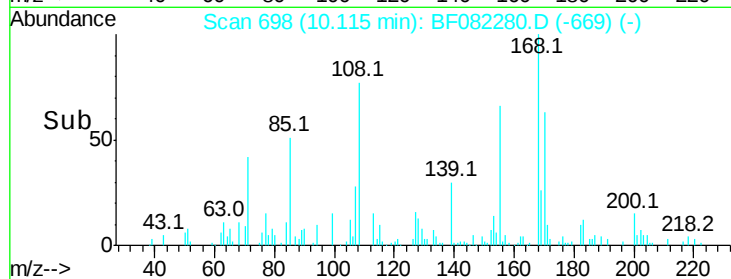
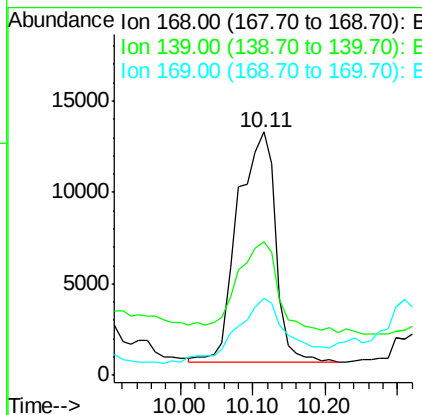
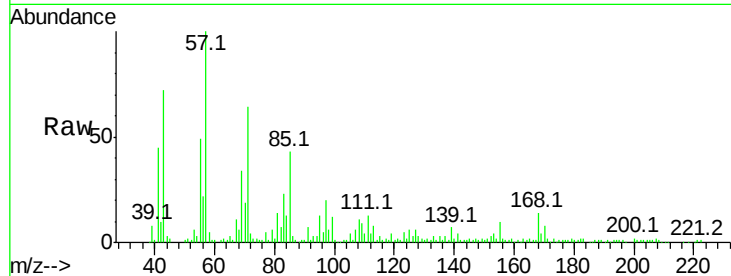
ClientSampleId :

CF-2

Tot Ion:168	Resp:	45964
Ion Ratio	Lower	Upper
168	100	
139	55.0	31.0 46.6#
169	31.9	10.9 16.3#

Manual Integrations
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#57

Fluorene

Concen: 6.08 ng

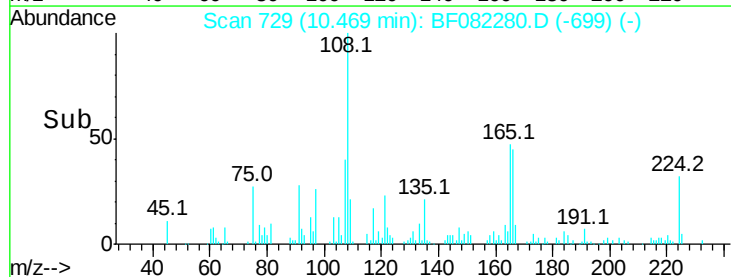
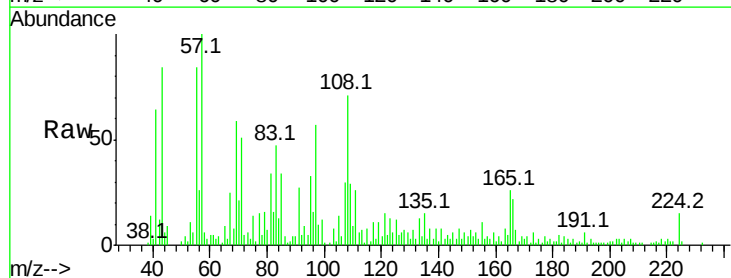
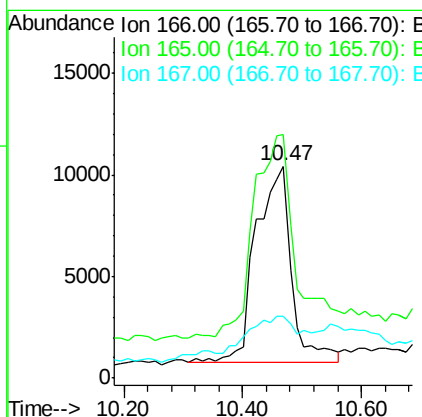
RT: 10.47 min Scan# 729

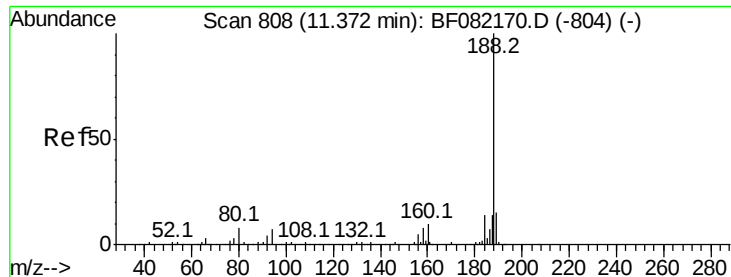
Delta R.T. 0.05 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Tgt Ion:166	Resp:	40760
Ion Ratio	Lower	Upper
166	100	
165	115.0	78.3 117.5
167	29.3	10.8 16.2#





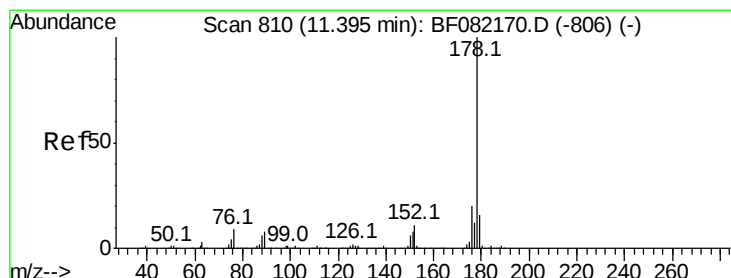
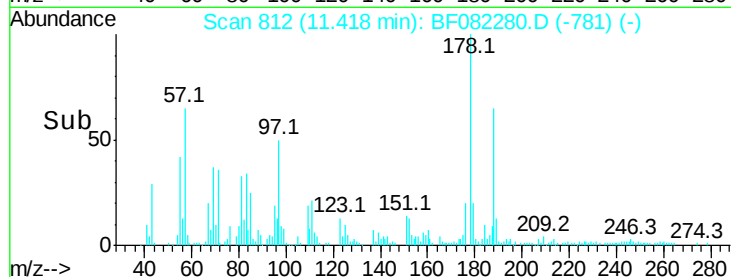
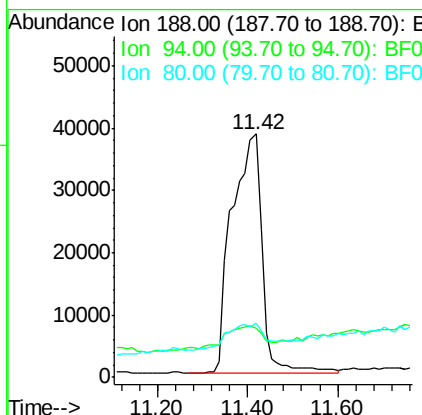
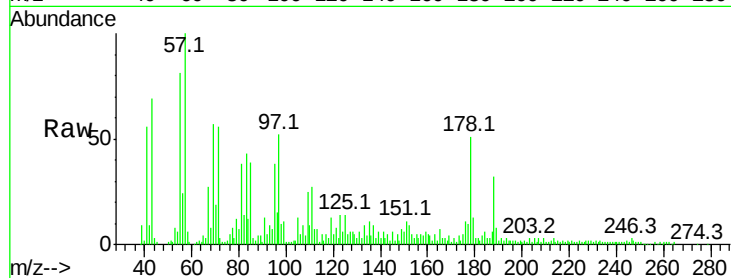
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. 0.06 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampled :
CF-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	20.3	5.8	8.6#
80	22.3	6.4	9.6#

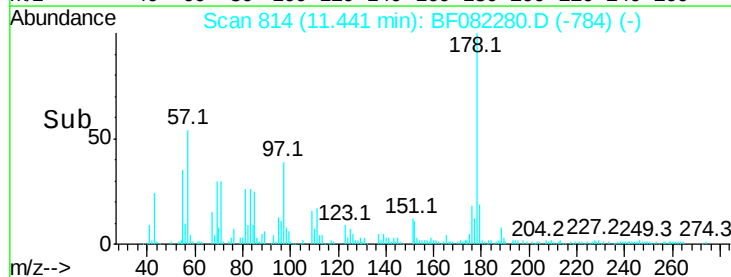
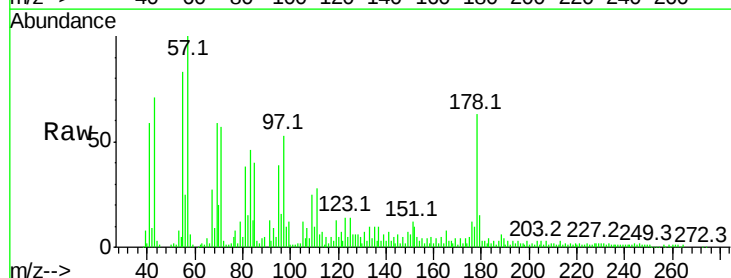
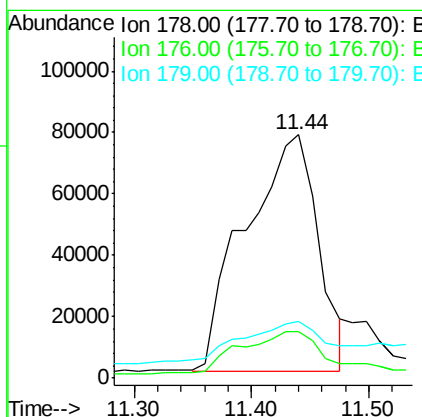
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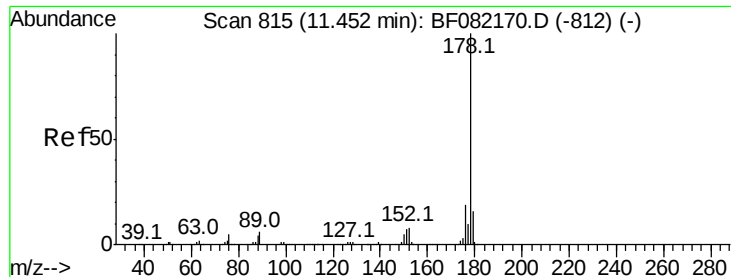
MMdadoda
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#70
Phenanthrene
Concen: 38.82 ng m
RT: 11.44 min Scan# 814
Delta R.T. 0.05 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	16.0	24.0
179	23.3	12.6	19.0#





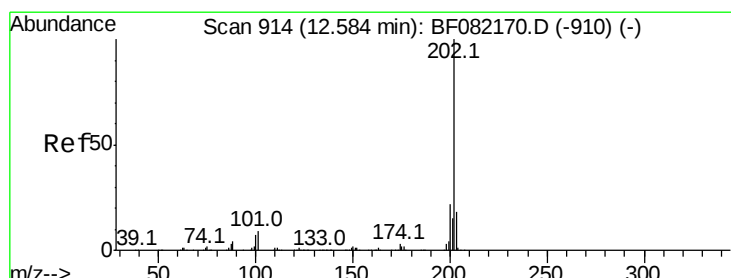
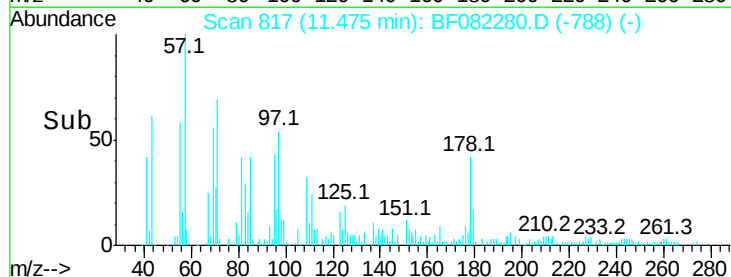
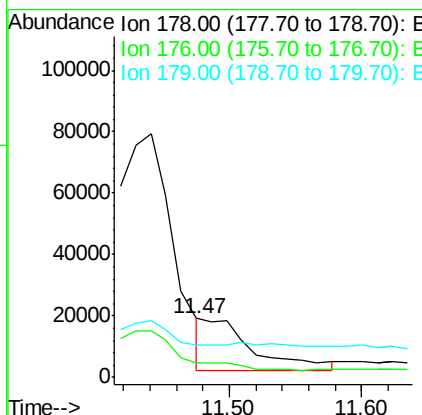
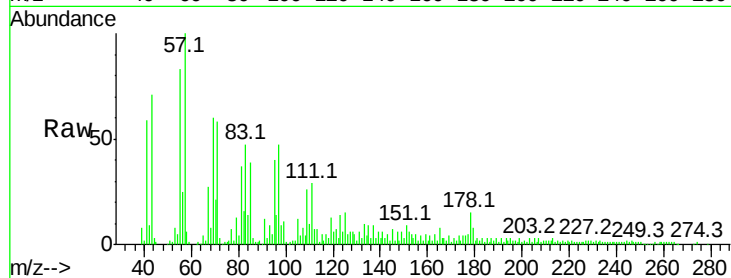
#71
 Anthracene
 Concen: 5.00 ng m
 RT: 11.47 min Scan# 817
 Delta R.T. 0.03 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.5	15.4	23.0#
179	55.3	12.5	18.7#

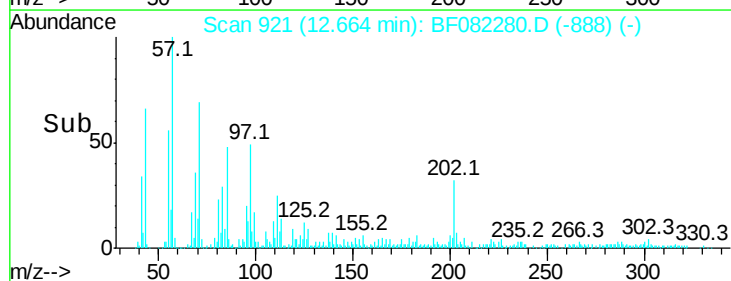
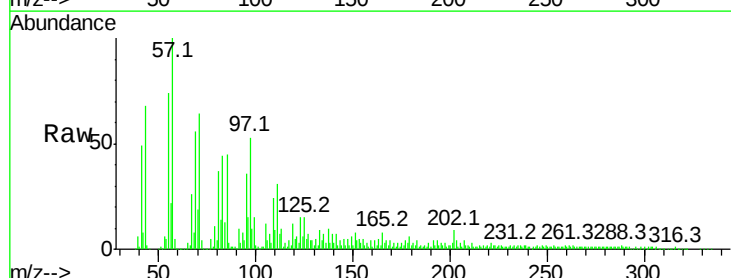
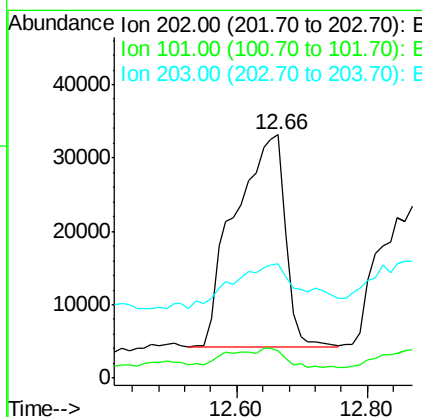
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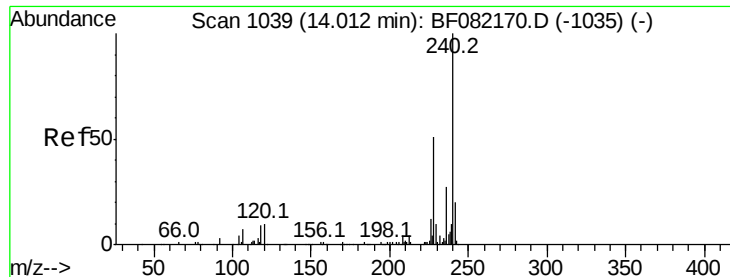
MMdadoda
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#74
 Fluoranthene
 Concen: 16.86 ng
 RT: 12.66 min Scan# 921
 Delta R.T. 0.08 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.3
203	46.9	0.0	37.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1053

Delta R.T. 0.05 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

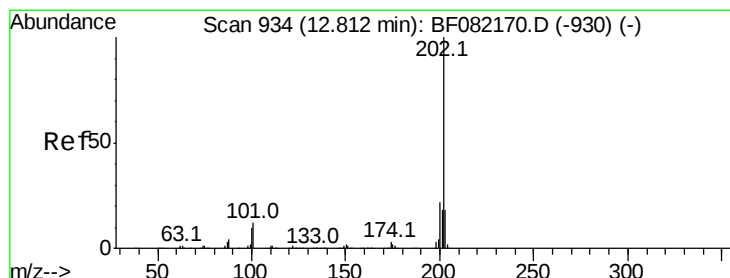
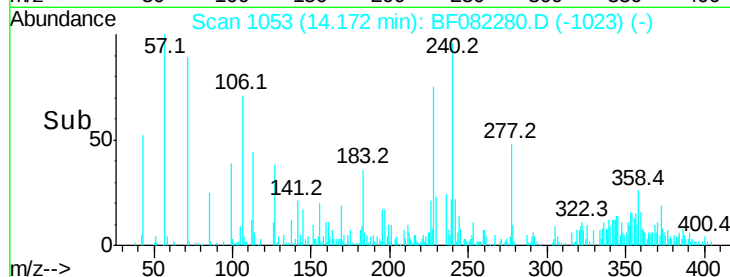
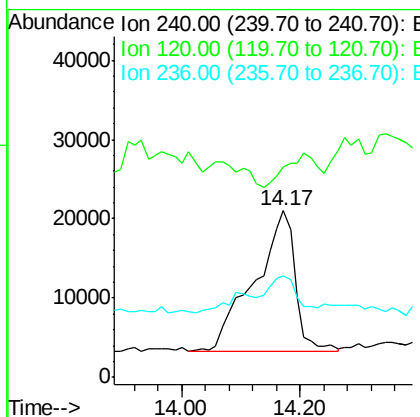
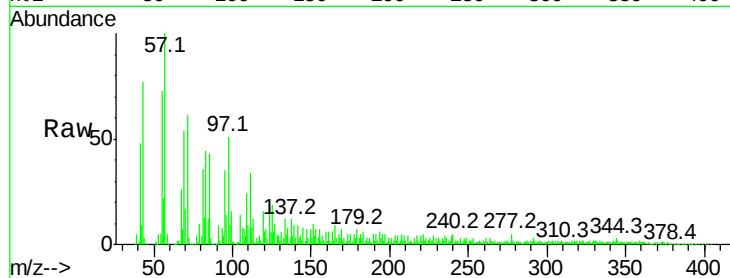
ClientSampleId :

CF-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	126.7	8.1	12.1#
236	60.8	21.3	31.9#

Manual Integrations
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#77

Pyrene

Concen: 27.31 ng

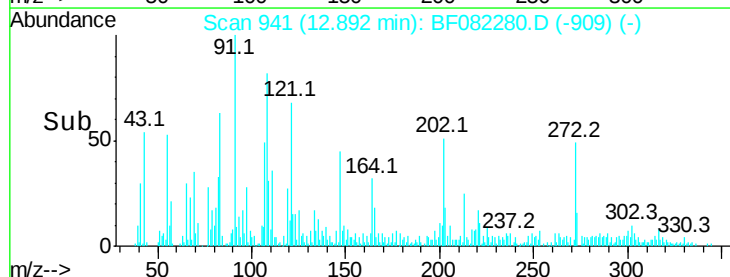
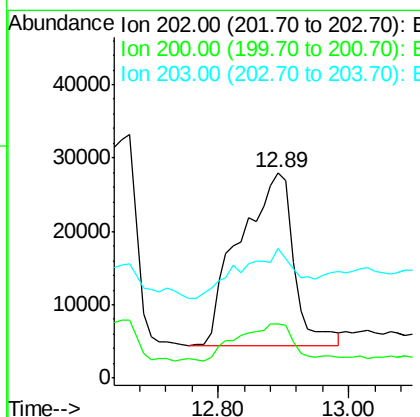
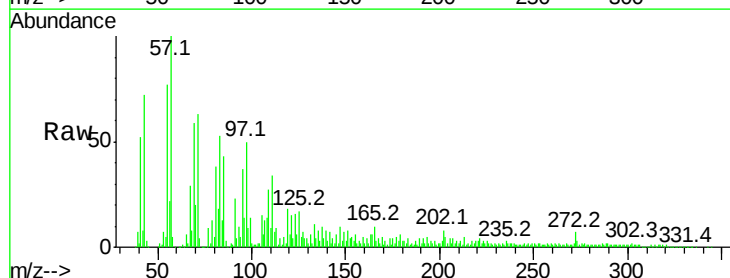
RT: 12.89 min Scan# 941

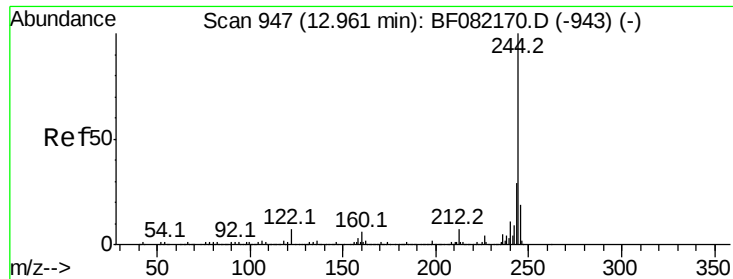
Delta R.T. 0.07 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.2	17.9	26.9
203	63.0	14.5	21.7#





#78

Terphenyl-d14

Concen: 110.33 ng

RT: 13.04 min Scan# 954

Delta R.T. 0.06 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

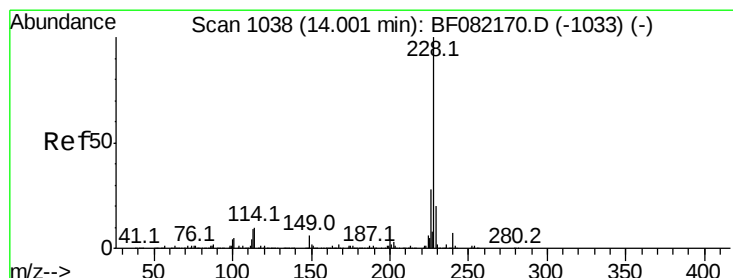
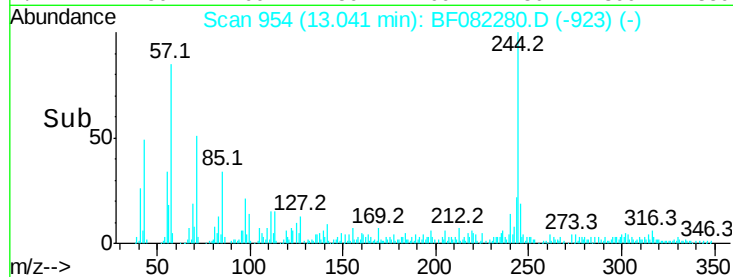
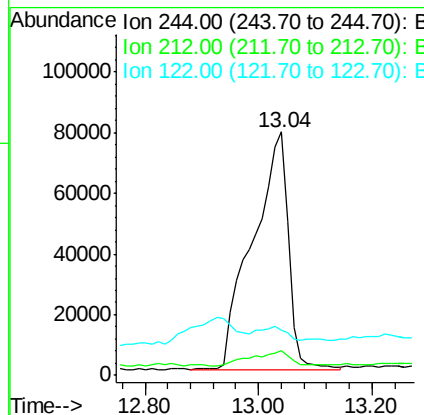
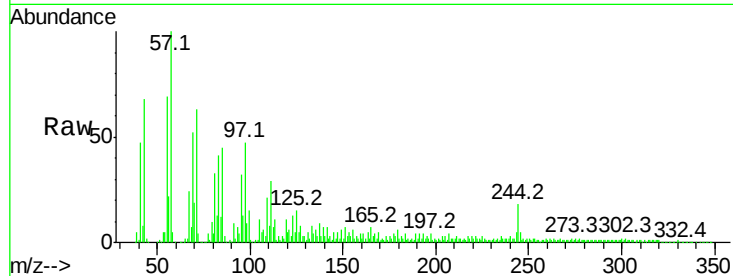
ClientSampleId :

CF-2

Tot Ion:	244	Resp:	347965
Ion Ratio	Lower	Upper	
244	100		
212	10.1	5.8	8.6#
122	18.7	5.9	8.9#

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#80

Benzo(a)anthracene

Concen: 14.86 ng m

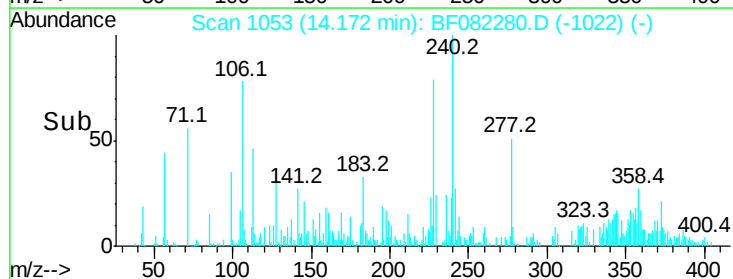
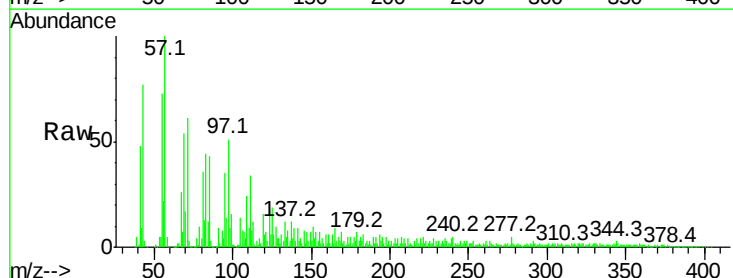
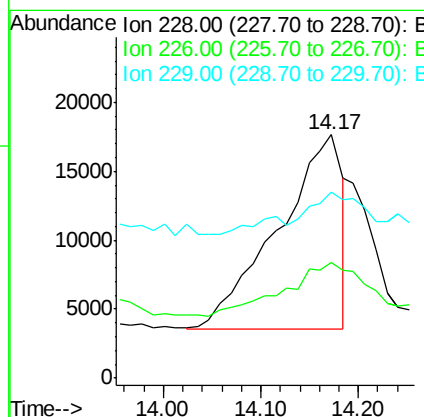
RT: 14.17 min Scan# 1053

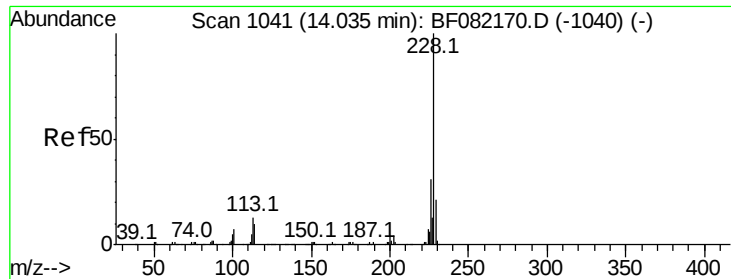
Delta R.T. 0.06 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Tgt Ion:	228	Resp:	64598
Ion Ratio	Lower	Upper	
228	100		
226	47.3	22.3	33.5#
229	76.6	16.2	24.2#





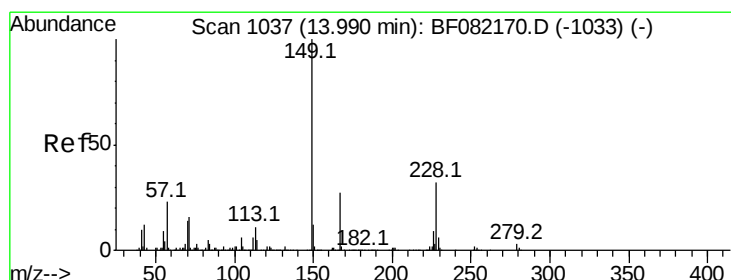
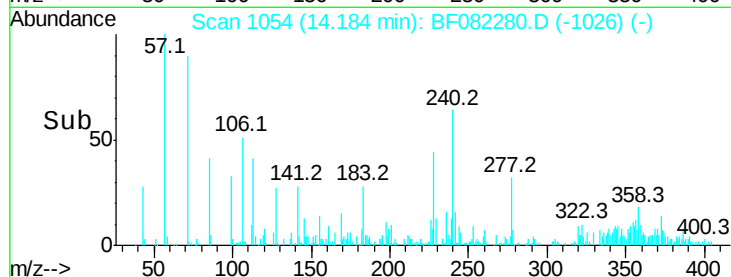
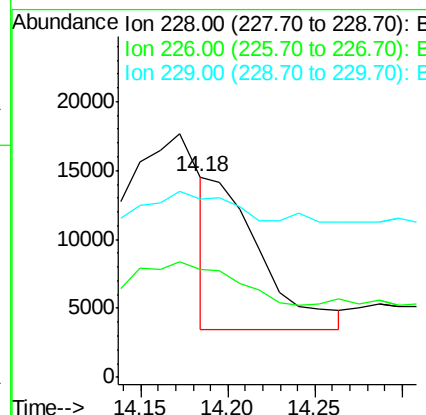
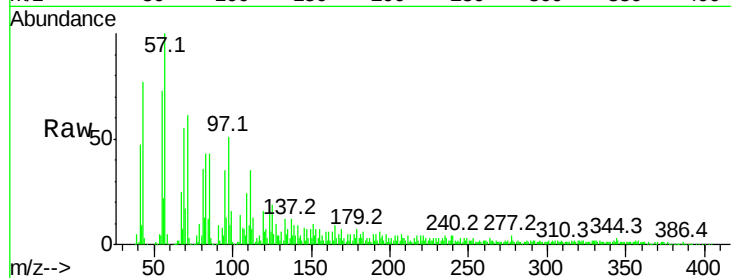
#82
Chrysene
Concen: 4.84 ng/ml
RT: 14.18 min Scan# 1054
Delta R.T. 0.02 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	54.1	24.4	36.6#
229	88.7	16.3	24.5#

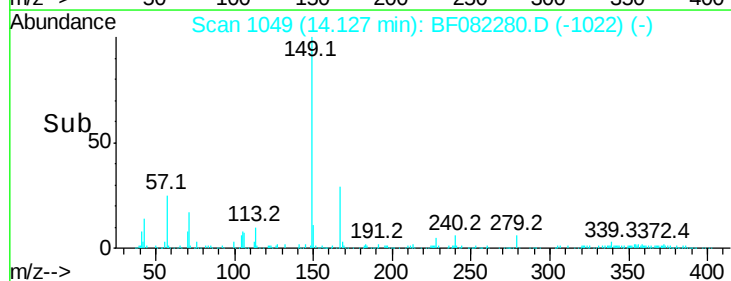
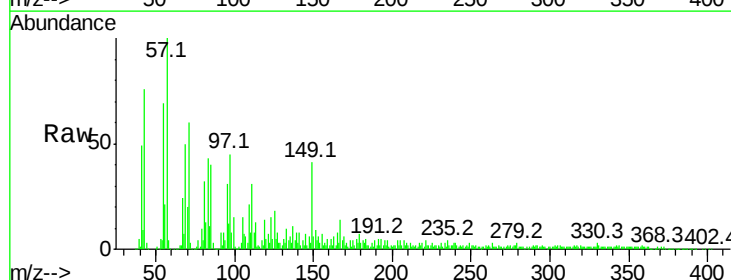
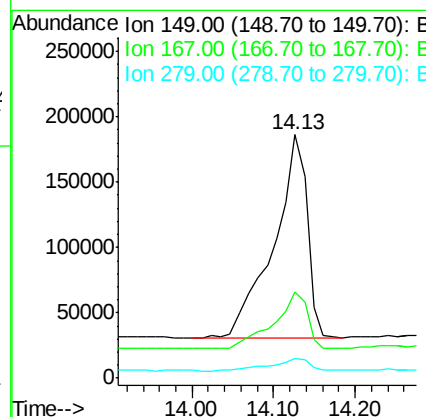
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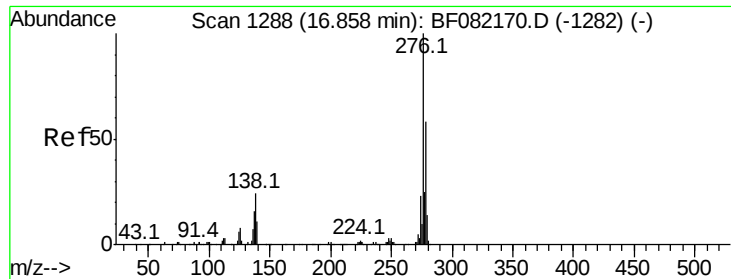
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#83
Bis(2-ethylhexyl)phthalate
Concen: 138.77 ng
RT: 14.13 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.7	21.3	31.9#
279	8.1	2.6	4.0#





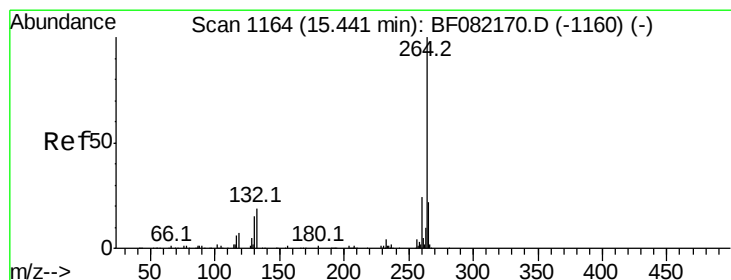
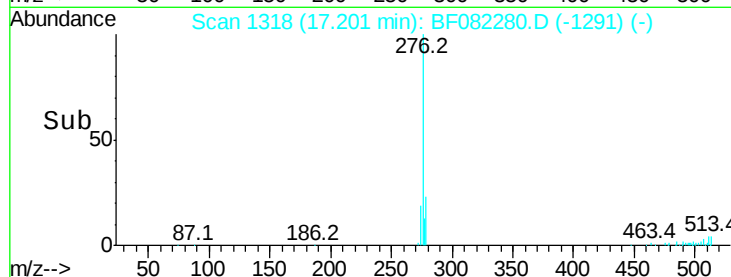
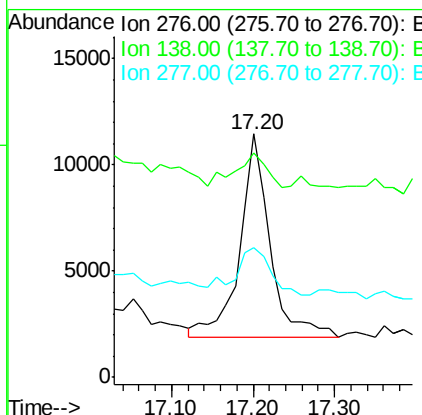
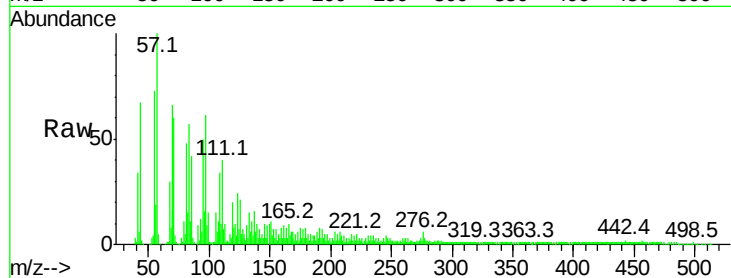
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.74 ng
RT: 17.20 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	19.7	29.5#
277	27.2	20.1	30.1

Manual Integrations
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.76 min Scan# 1192
Delta R.T. 0.02 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	34.7	19.0	28.6#
265	37.9	17.3	25.9#

