

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083576.D
 Acq On : 8 Dec 2015 00:57
 Operator : UM/IZ
 Sample : G4579-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL

Manual Integrations
 APPROVED

Mmdadoda
 12/8/2015 6:15:43 PM

Quant Time: Dec 08 10:12:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	128487	20.00	ng	-0.05
21) Naphthalene-d8	7.63	136	450904	20.00	ng	-0.05
38) Acenaphthene-d10	10.44	164	196304	20.00	ng	-0.02
63) Phenanthrene-d10	13.05	188	149020m	20.00	ng	0.19
75) Chrysene-d12	17.20	240	174402	20.00	ng	0.15
86) Perylene-d12	18.73	264	262098m	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	265849	31.39	ng	-0.03
7) Phenol-d6	5.29	99	402170	34.47	ng	-0.03
23) Nitrobenzene-d5	6.54	82	223332	23.15	ng	-0.06
41) 2,4,6-Tribromophenol	11.79	330	40289	22.25	ng	0.03
44) 2-Fluorobiphenyl	9.37	172	342959	23.70	ng	-0.06
78) Terphenyl-d14	15.60	244	301655	38.49	ng	0.11

Target Compounds						Qvalue
9) Benzaldehyde	5.13	77	32808	4.90	ng	98
10) Phenol	5.31	94	255745	18.74	ng	# 75
17) 2-Methylphenol	6.17	107	175871	22.62	ng	# 86
20) 3+4-Methylphenols	6.41	107	517343	51.23	ng	91
22) Acetophenone	6.34	105	33759	2.60	ng	# 95
27) 2,4-Dimethylphenol	7.20	122	433343	58.50	ng	96
31) Naphthalene	7.68	128	6058061	252.41	ng	# 94
37) 2-Methylnaphthalene	8.78	142	3426428	230.87	ng	97
45) 1,1'-Biphenyl	9.53	154	2437689	139.74	ng	98
48) Acenaphthylene	10.20	152	1917322	89.08	ng	97
51) Acenaphthene	10.56	154	13222795	1067.56	ng	96
54) Dibenzofuran	10.83	168	13634847	794.57	ng	# 86
57) Fluorene	11.43	166	16592836	1111.45	ng	# 96
70) Phenanthrene	13.19	178	80862702	9322.42	ng	# 77
71) Anthracene	13.22	178	6631066m	749.59	ng	
72) Carbazole	13.44	167	12527189	1649.11	ng	# 90
74) Fluoranthene	15.12	202	64315747m	7481.44	ng	
77) Pyrene	15.49	202	43841422	3360.43	ng	# 73
80) Benzo(a)anthracene	17.13	228	5865142m	574.79	ng	
82) Chrysene	17.21	228	16082044m	1582.04	ng	
85) Indeno(1,2,3-cd)pyrene	19.96	276	1442114m	165.50	ng	
87) Benzo(b)fluoranthene	18.37	252	6235102m	423.60	ng	
88) Benzo(k)fluoranthene	18.37	252	3250895m	215.60	ng	
89) Benzo(a)pyrene	18.68	252	3347662m	233.82	ng	
90) Dibenzo(a,h)anthracene	19.96	278	377659m	27.42	ng	
91) Benzo(g,h,i)perylene	20.33	276	1089082	78.46	ng	95

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

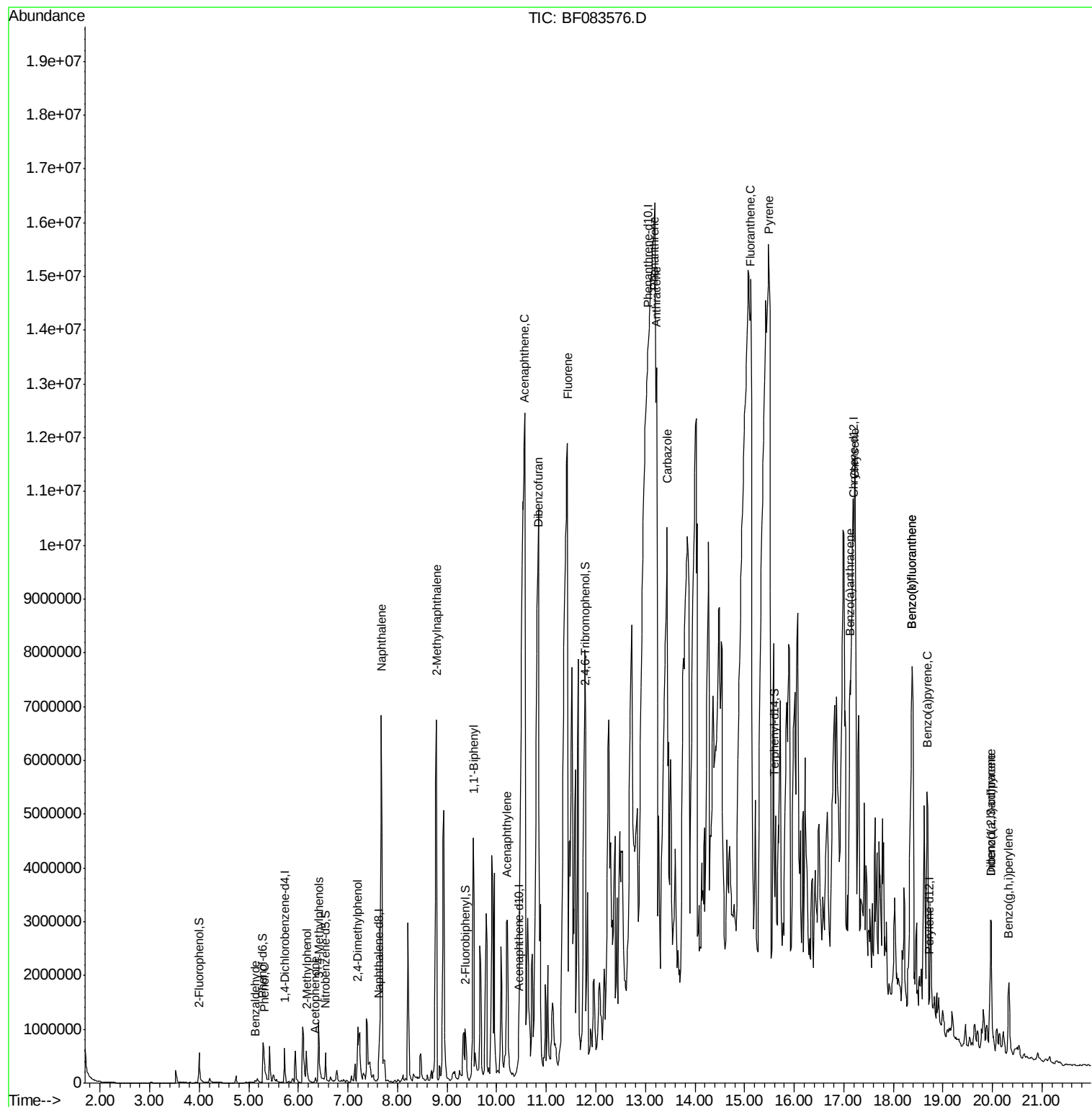
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

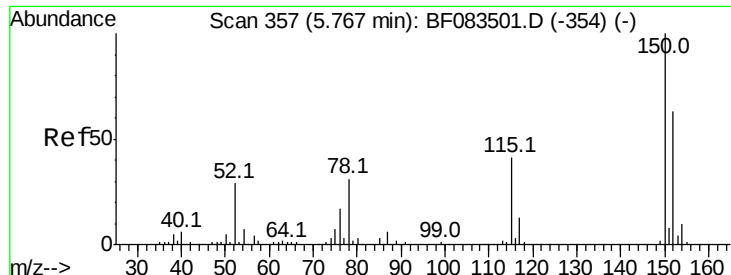
Instrument :
BNA_F
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SHED-SOUTH-WALL

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Quant Time: Dec 08 10:12:55 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

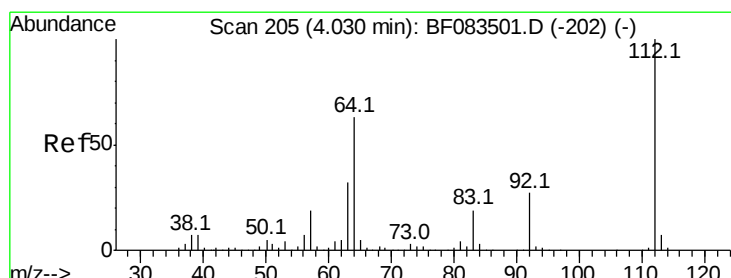
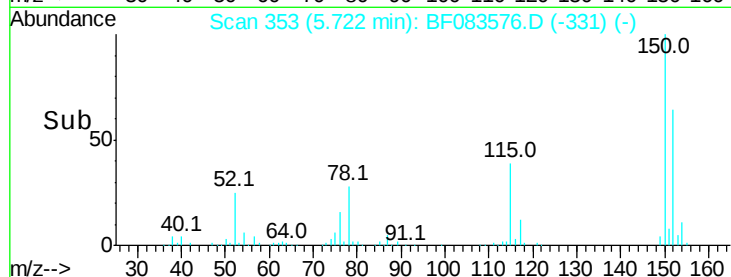
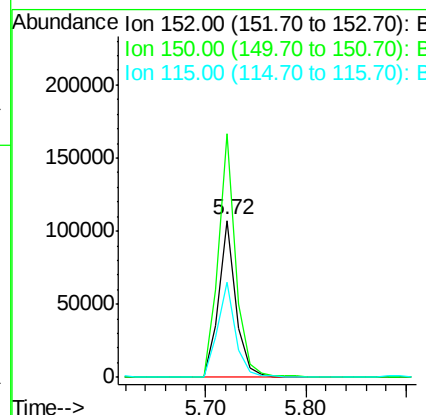
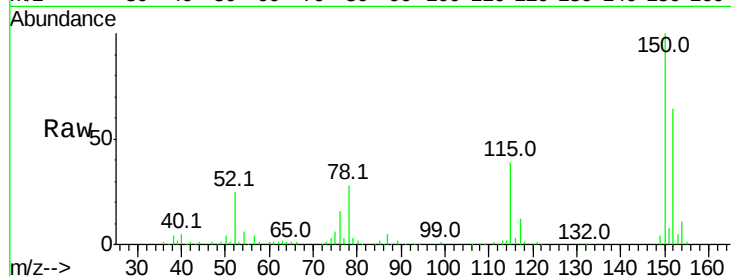
ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:	152	Resp:	128487
Ion Ratio	Lower	Upper	
152	100		
150	155.1	126.5	189.7
115	60.5	52.3	78.5

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#5

2-Fluorophenol

Concen: 31.39 ng

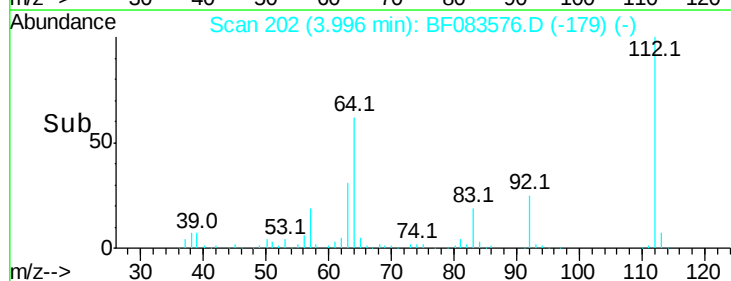
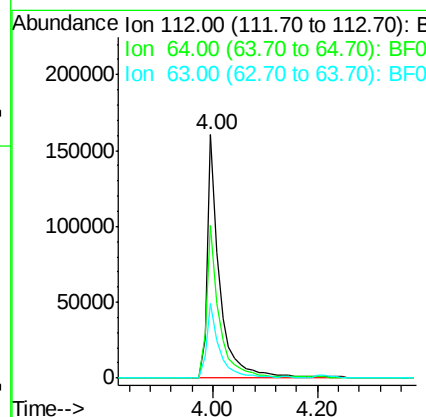
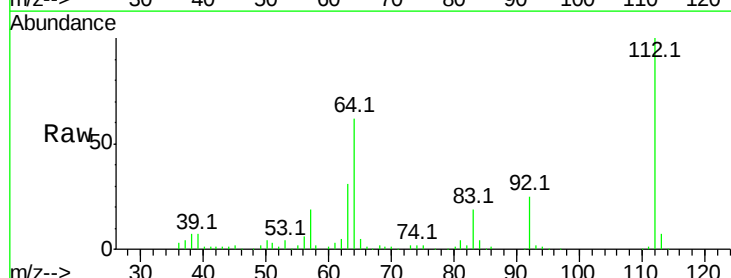
RT: 4.00 min Scan# 202

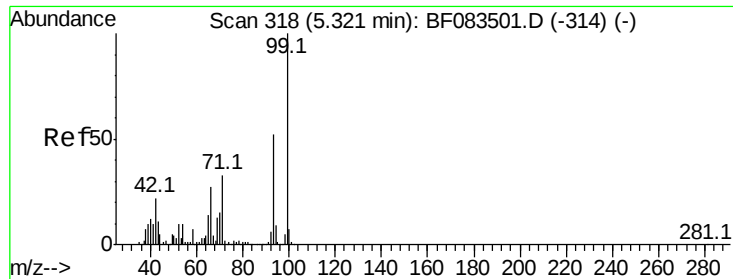
Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion:	112	Resp:	265849
Ion Ratio	Lower	Upper	
112	100		
64	62.5	50.5	75.7
63	30.5	25.8	38.6





#7

Phenol-d6

Concen: 34.47 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

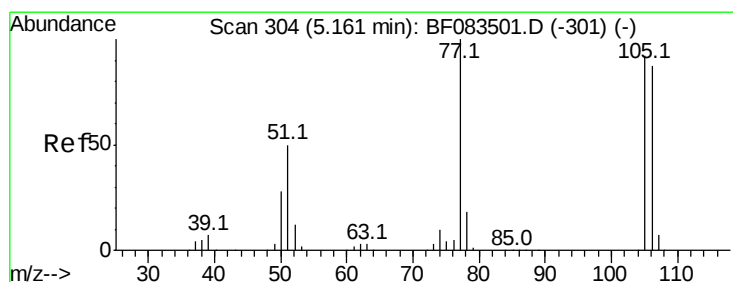
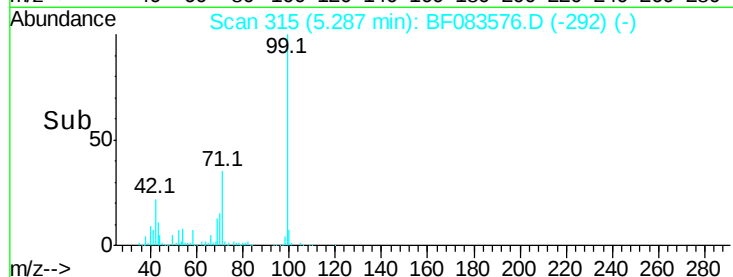
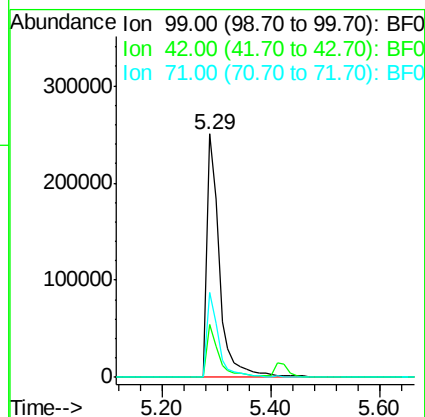
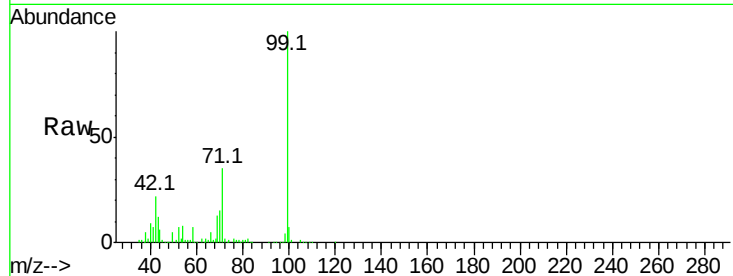
ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:	99	Resp:	402170
Ion Ratio	Lower	Upper	
99	100		
42	21.9	17.3	25.9
71	34.8	26.6	40.0

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#9

Benzaldehyde

Concen: 4.90 ng

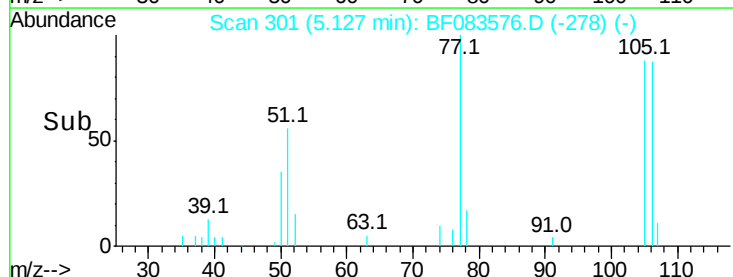
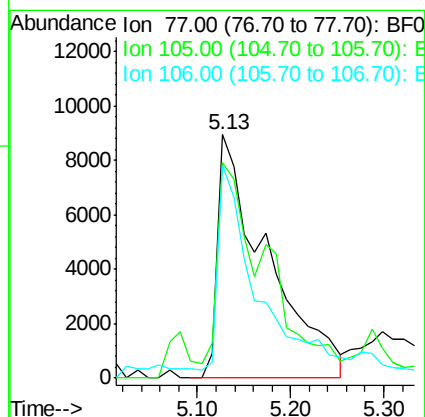
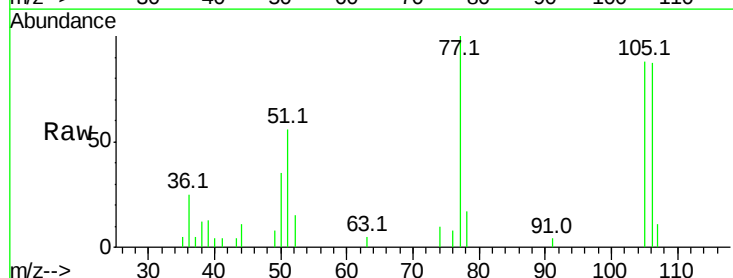
RT: 5.13 min Scan# 301

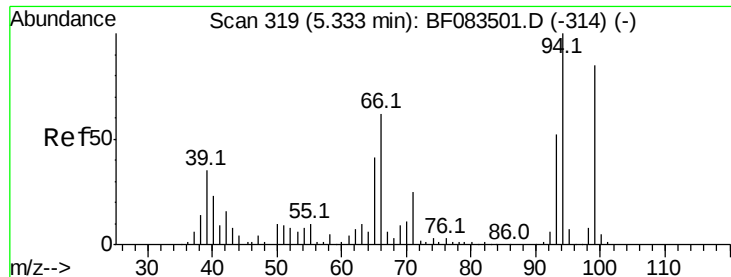
Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion:	77	Resp:	32808
Ion Ratio	Lower	Upper	
77	100		
105	88.3	71.8	111.8
106	87.3	66.8	106.8





#10

Phenol

Concen: 18.74 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.02 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

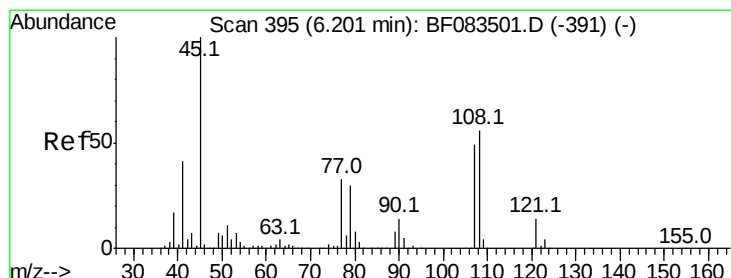
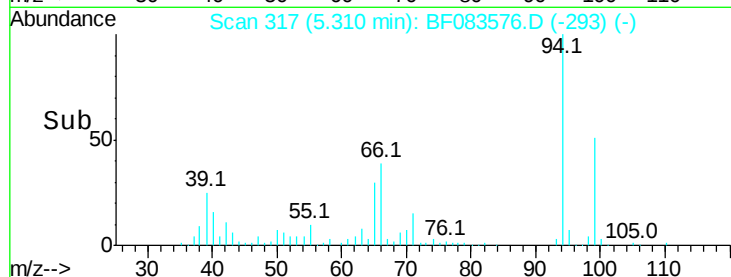
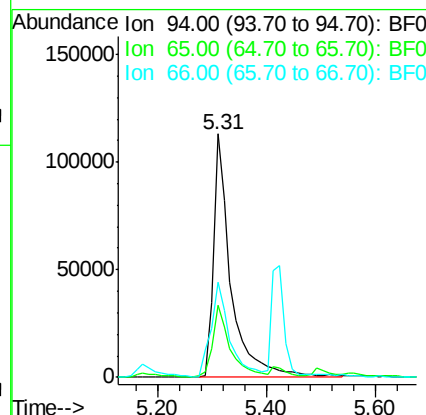
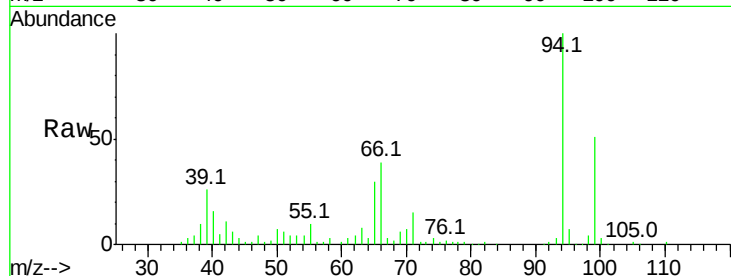
ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:	94	Resp:	255745
Ion Ratio	Lower	Upper	
94	100		
65	29.6	20.9	60.9
66	38.9	41.6	81.6#

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#17

2-Methylphenol

Concen: 22.62 ng

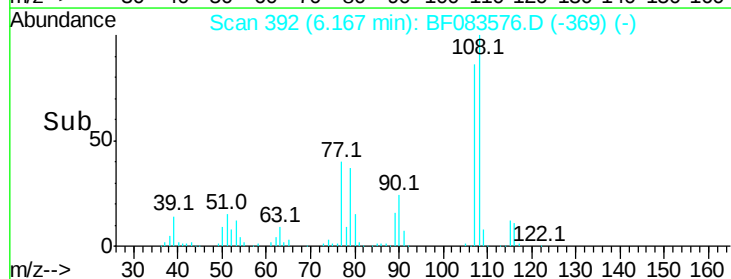
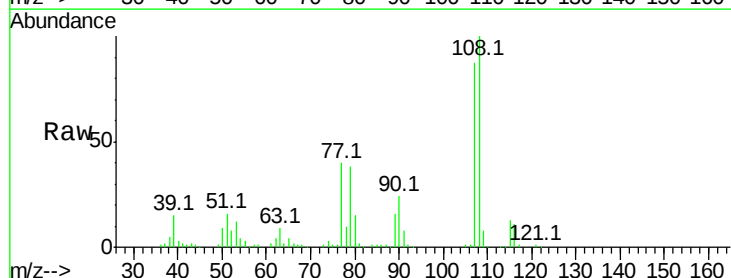
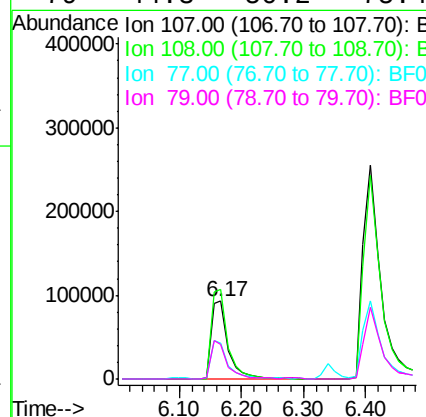
RT: 6.17 min Scan# 392

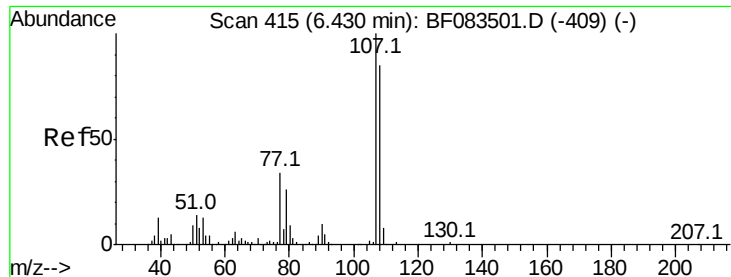
Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion:	107	Resp:	175871
Ion Ratio	Lower	Upper	
107	100		
108	115.4	91.6	137.4
77	46.6	53.7	80.5#
79	44.3	50.2	75.4#





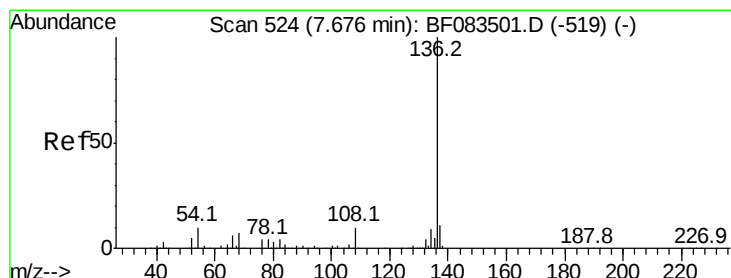
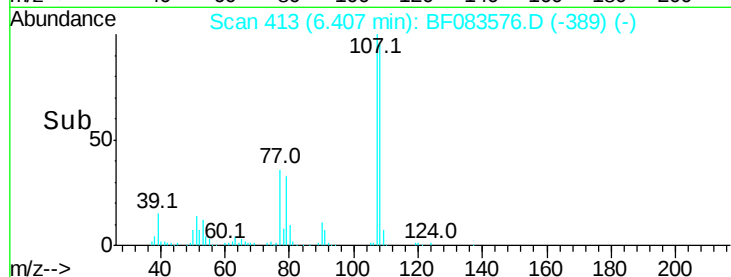
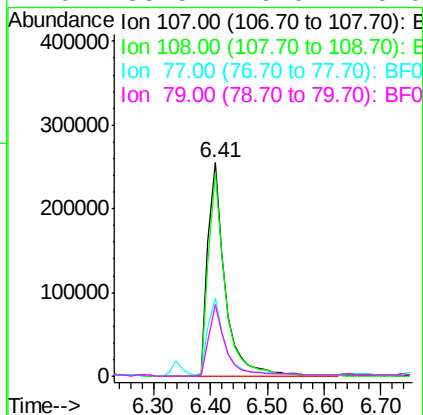
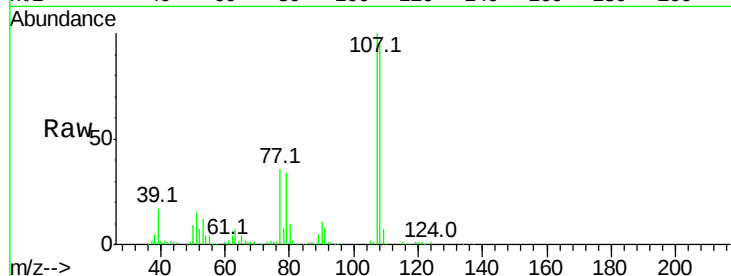
#20
3+4-Methylphenols
Concen: 51.23 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tot Ion:	107	Resp:	517343
Ion Ratio	Lower	Upper	
107	100		
108	95.0	65.2	105.2
77	36.3	15.2	55.2
79	33.5	6.0	46.0

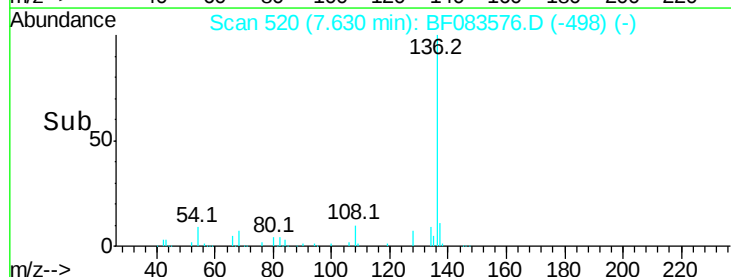
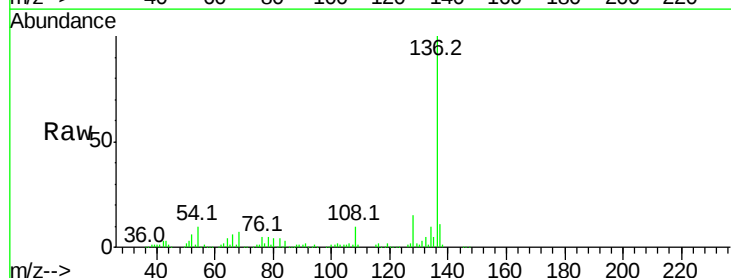
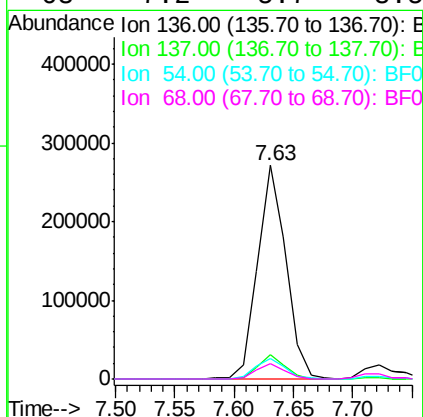
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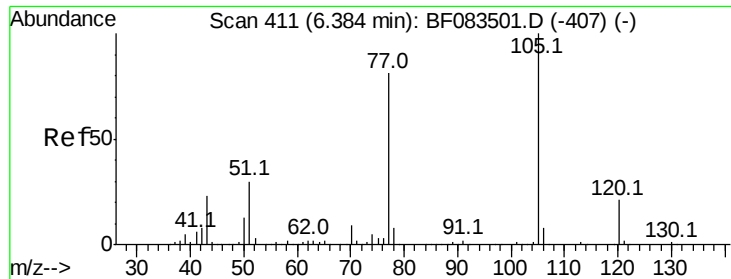
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

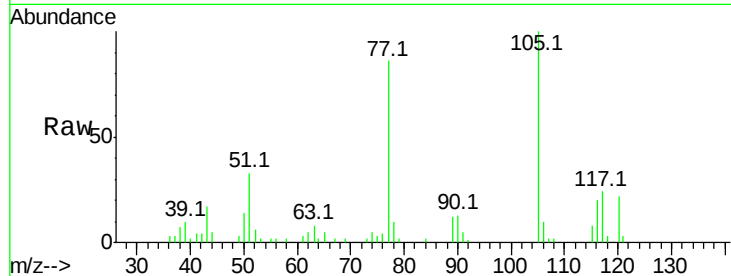
Tgt Ion:	136	Resp:	450904
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	9.9	7.8	11.6
68	7.2	5.7	8.5





#22
 Acetophenone
 Concen: 2.60 ng
 RT: 6.34 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

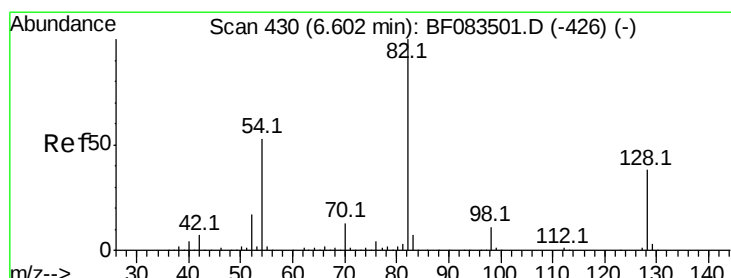
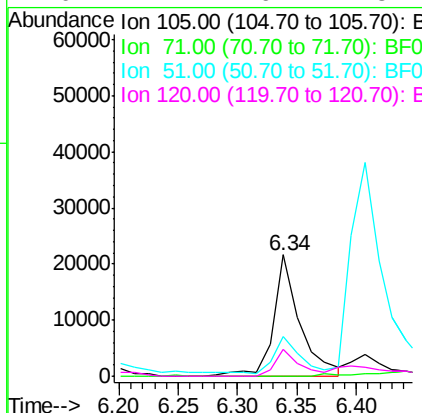
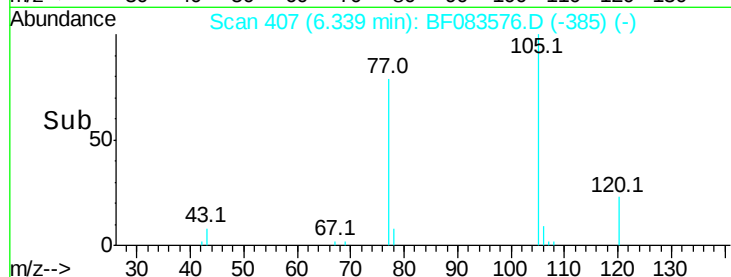
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL



Tot Ion:	105	Resp:	33759
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.3	1.9#
51	33.1	23.8	35.8
120	22.1	16.7	25.1

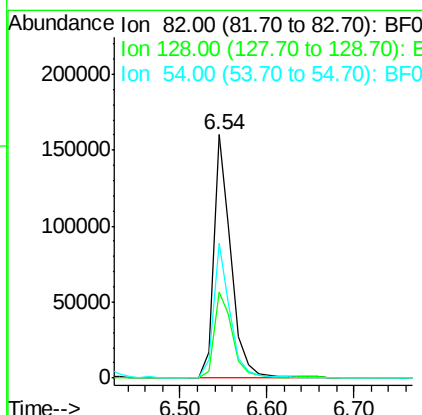
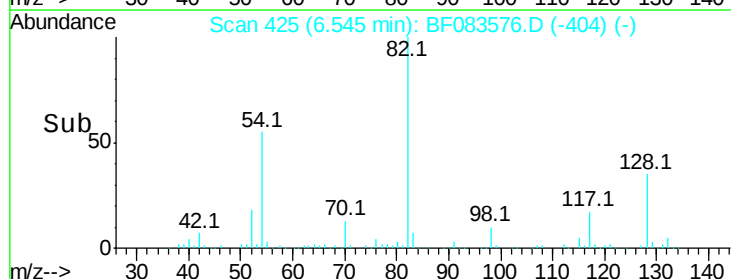
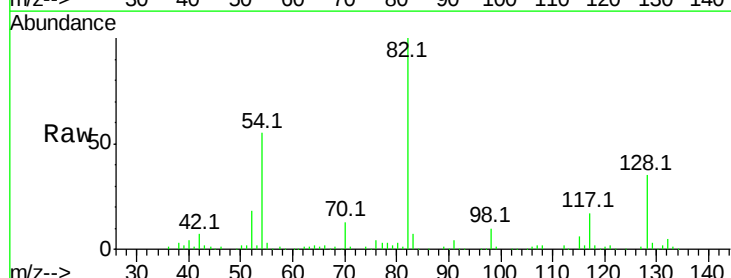
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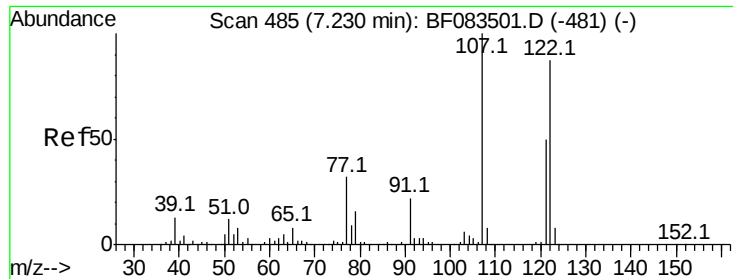
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#23
 Nitrobenzene-d5
 Concen: 23.15 ng
 RT: 6.54 min Scan# 425
 Delta R.T. -0.06 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

Tgt Ion:	82	Resp:	223332
Ion Ratio	Lower	Upper	
82	100		
128	35.4	30.7	46.1
54	55.2	42.5	63.7





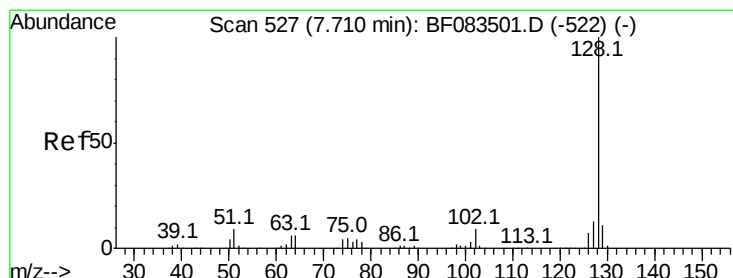
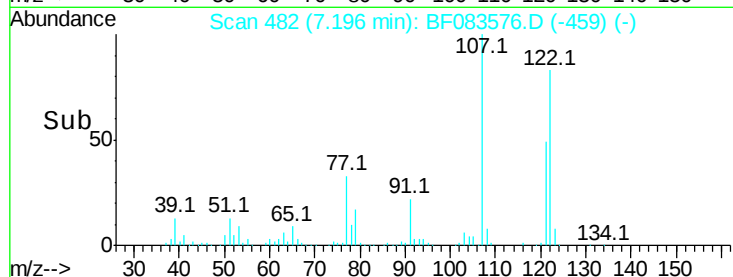
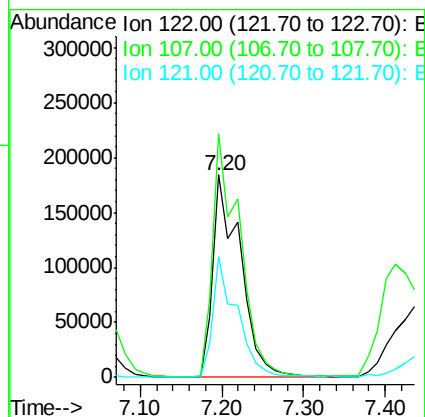
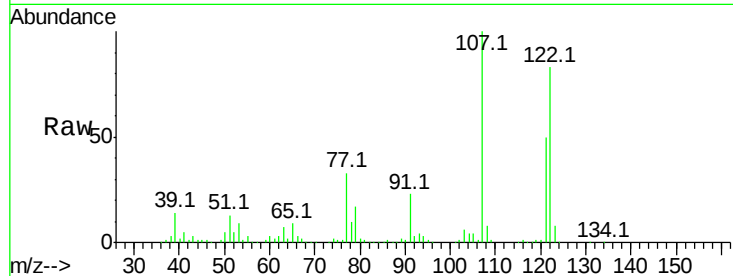
#27
2,4-Dimethylphenol
Concen: 58.50 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	92.4	138.6
121	59.8	45.8	68.6

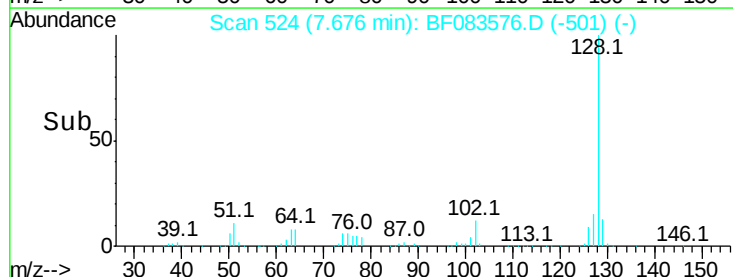
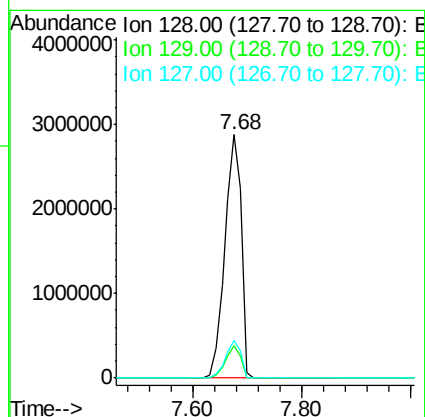
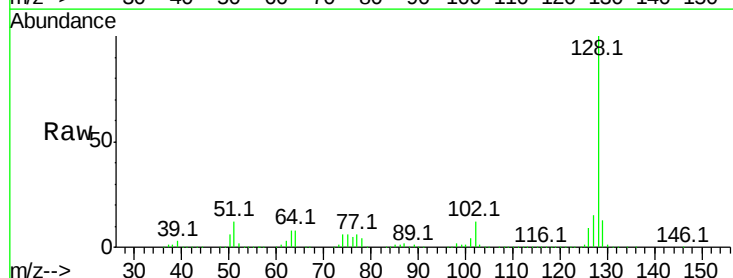
Manual Integrations
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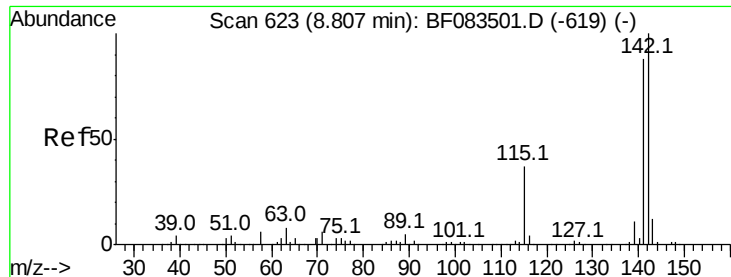
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#31
Naphthalene
Concen: 252.41 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.6	13.0#
127	15.2	10.6	16.0





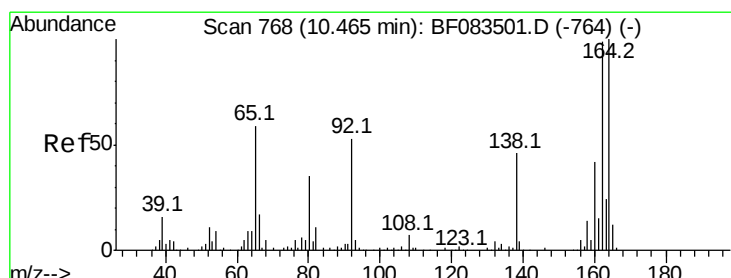
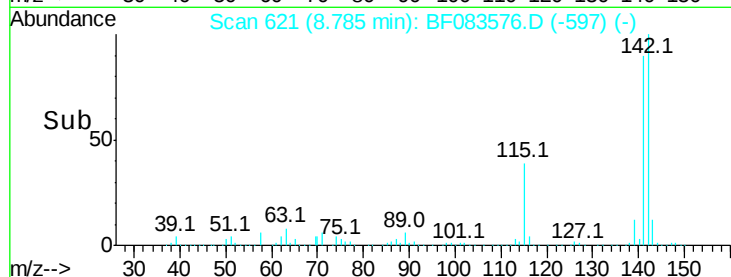
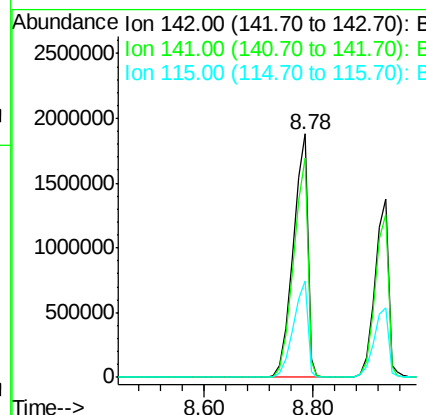
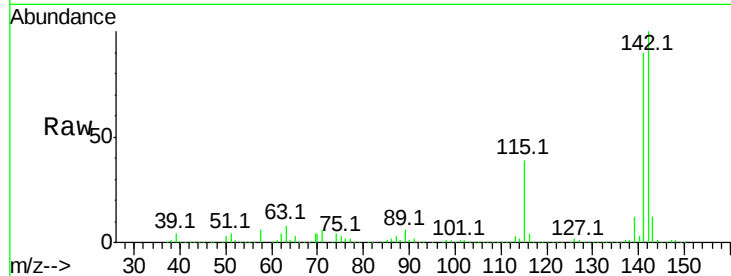
#37
2-Methylnaphthalene
Concen: 230.87 ng
RT: 8.78 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tot Ion:142 Resp: 3426428
Ion Ratio Lower Upper
142 100
141 90.2 70.3 105.5
115 39.5 29.2 43.8

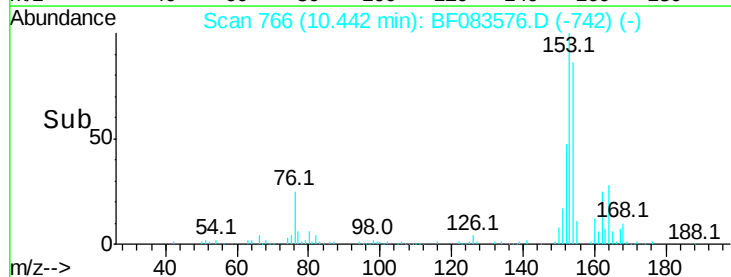
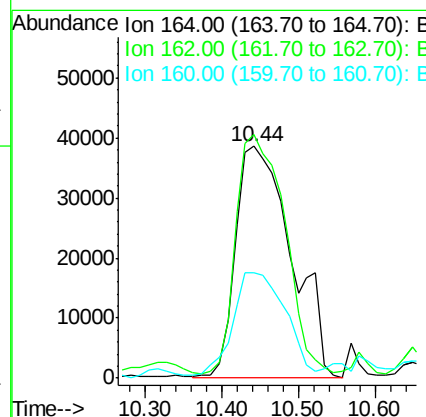
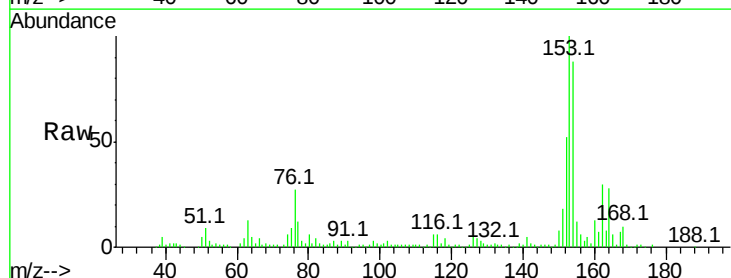
Manual Integrations
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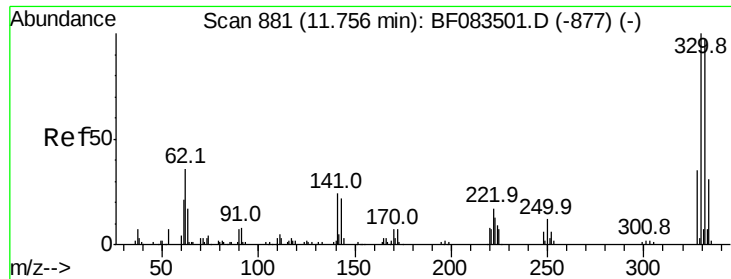
Mmdadoda
12/8/2015 6:15:43 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:164 Resp: 196304
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 45.4 33.4 50.2





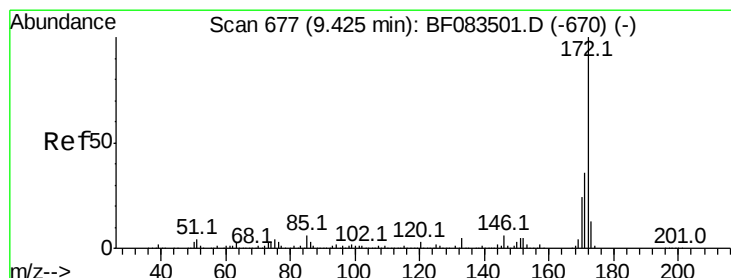
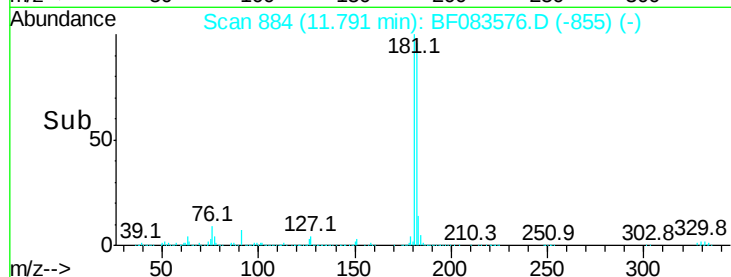
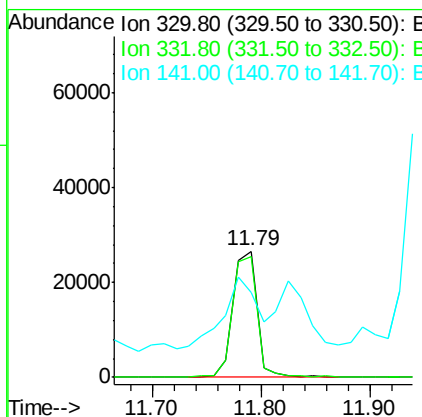
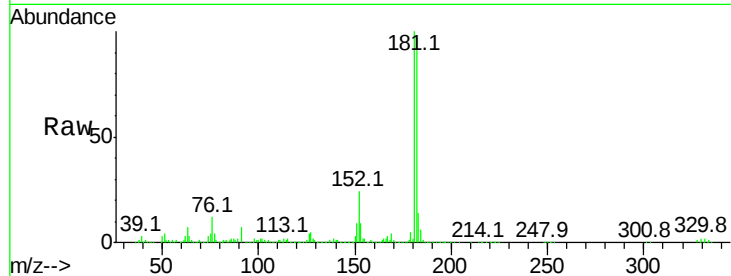
#41
 2,4,6-Tribromophenol
 Concen: 22.25 ng
 RT: 11.79 min Scan# 884
 Delta R.T. 0.03 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.8	0.0	0.0	0.0
141	80.6	0.0	0.0	0.0

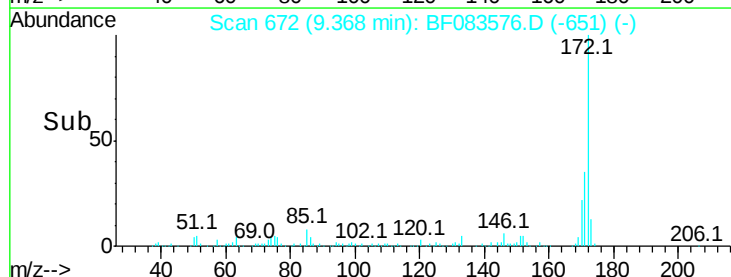
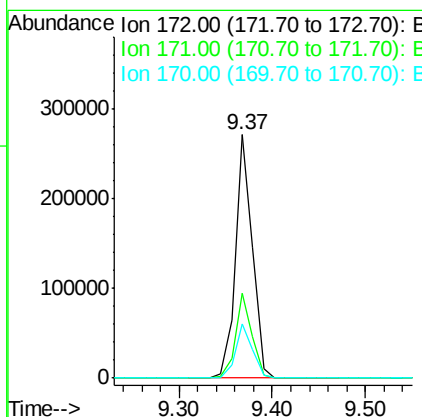
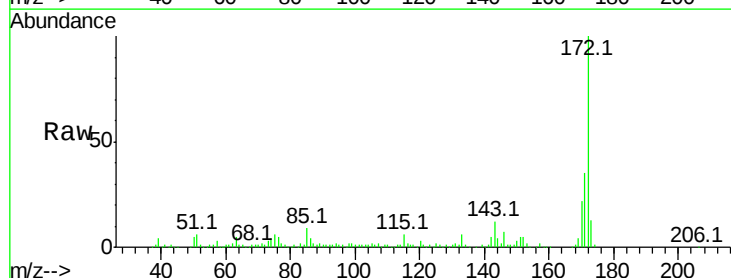
Manual Integrations
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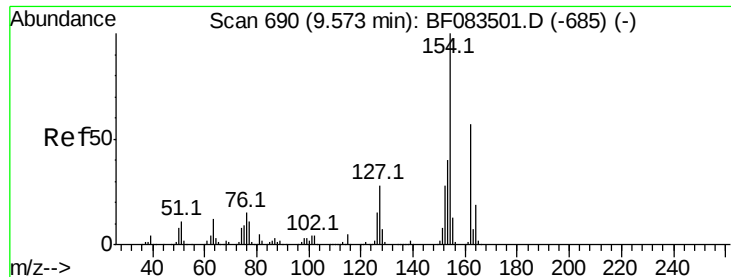
Mmdadoda
 12/8/2015 6:15:43 PM



#44
 2-Fluorobiphenyl
 Concen: 23.70 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083576.D
 Acq: 8 Dec 2015 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	28.6	42.8	
170	22.1	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 139.74 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:154 Resp: 2437689

Ion Ratio Lower Upper

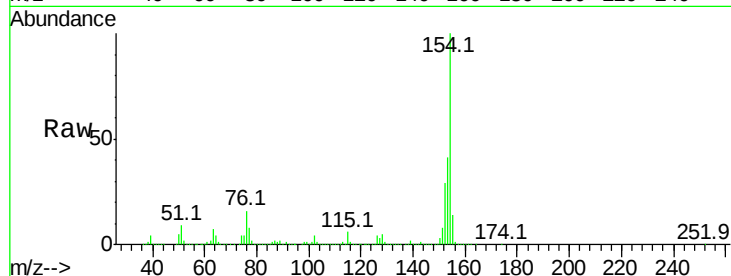
154 100

153 40.8 20.2 60.2

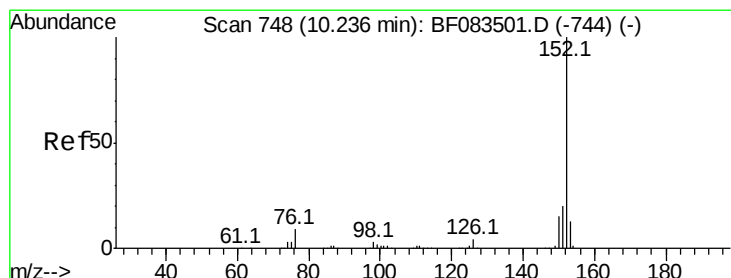
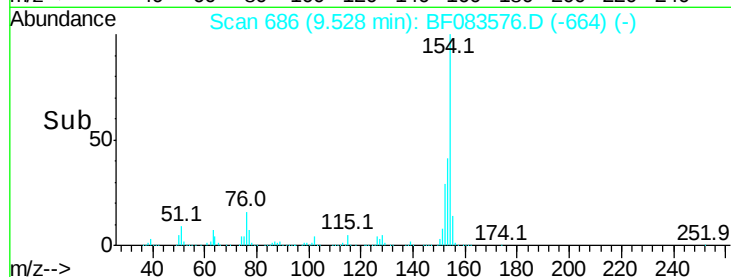
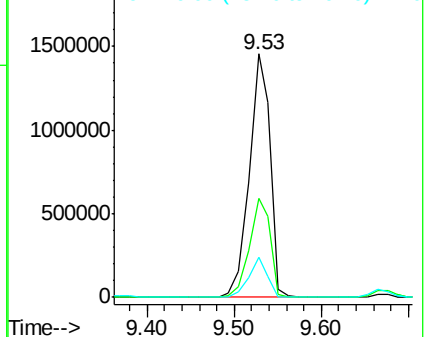
76 16.3 0.0 34.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
2000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 89.08 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

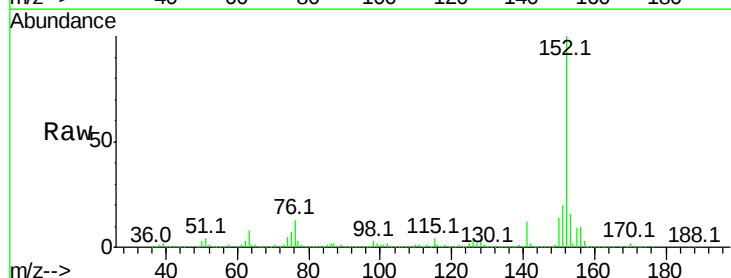
Tgt Ion:152 Resp: 1917322

Ion Ratio Lower Upper

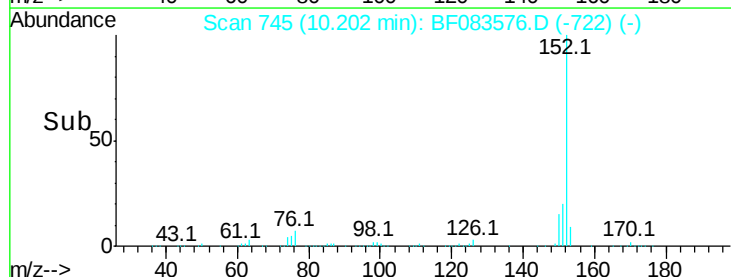
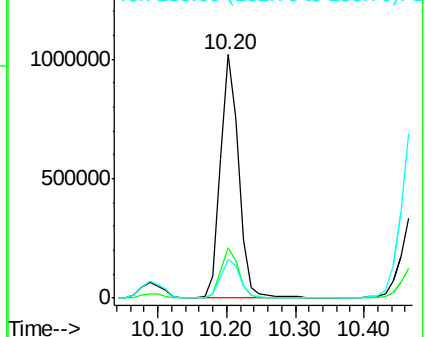
152 100

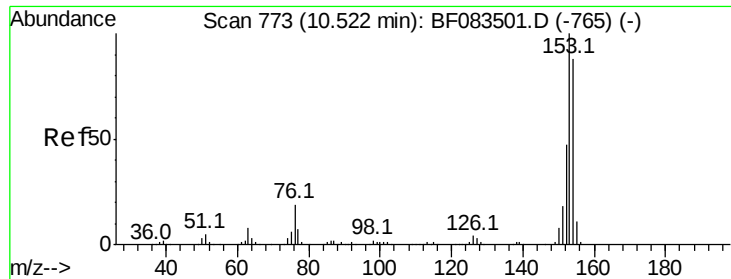
151 20.5 16.3 24.5

153 16.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
1000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 1067.56 ng

RT: 10.56 min Scan# 776

Delta R.T. 0.03 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:154 Resp:13222795

Ion Ratio Lower Upper

154 100

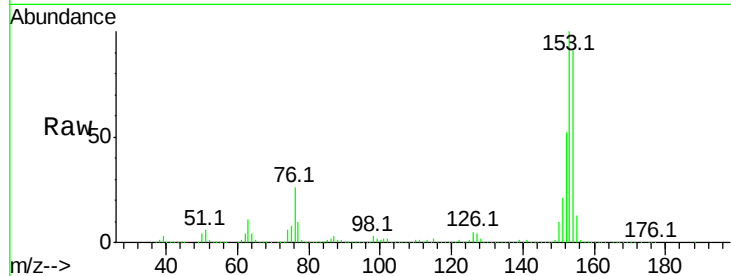
153 110.0 91.4 137.0

152 57.5 43.4 65.2

Manual Integrations
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Mmdadoda

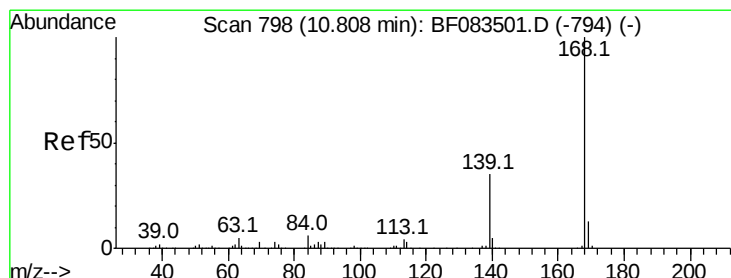
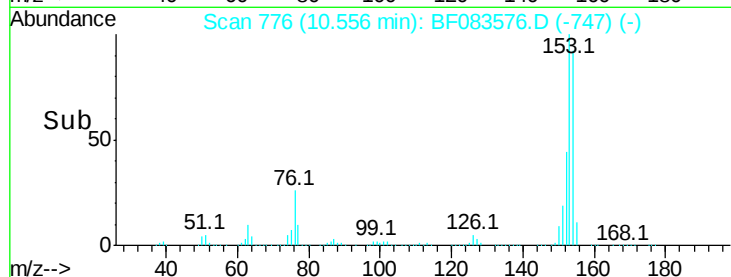
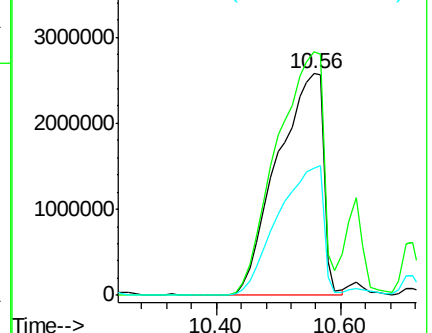
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 794.57 ng

RT: 10.83 min Scan# 800

Delta R.T. 0.02 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

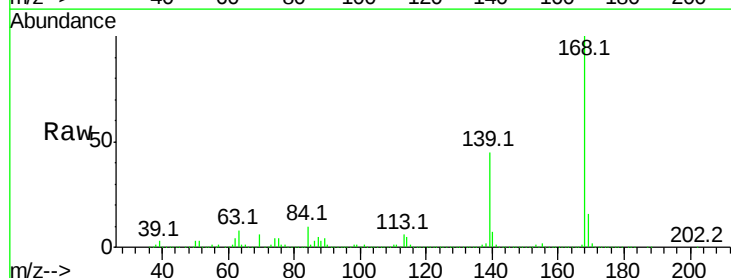
Tgt Ion:168 Resp:13634847

Ion Ratio Lower Upper

168 100

139 44.7 28.0 42.0#

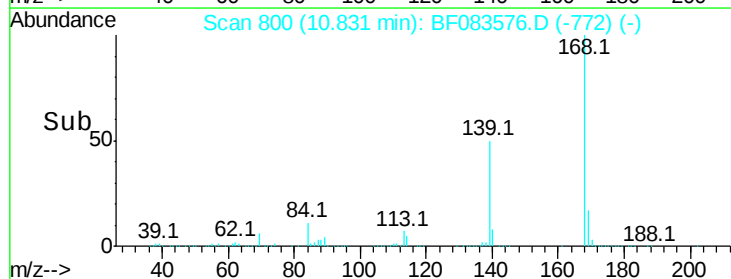
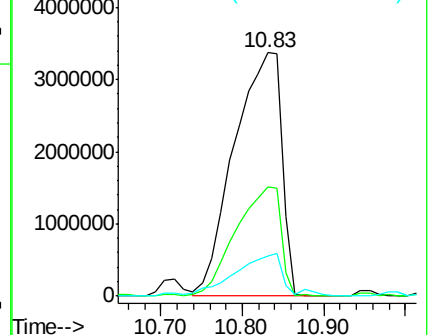
169 16.4 10.8 16.2#

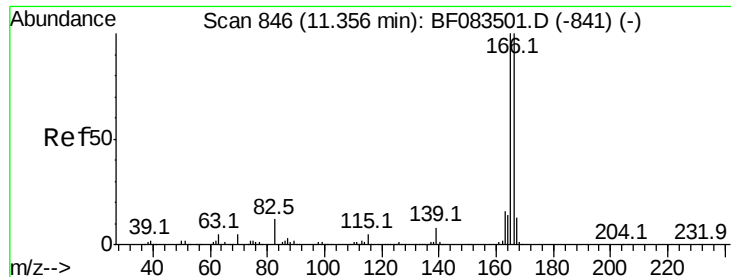


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 1111.45 ng

RT: 11.43 min Scan# 852

Delta R.T. 0.07 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:166 Resp:16592836

Ion Ratio Lower Upper

166 100

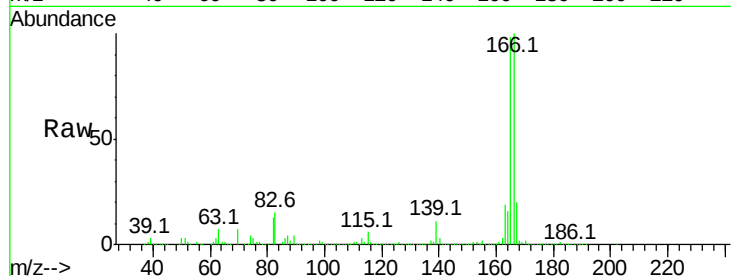
165 97.8 80.0 120.0

167 20.1 10.6 16.0#

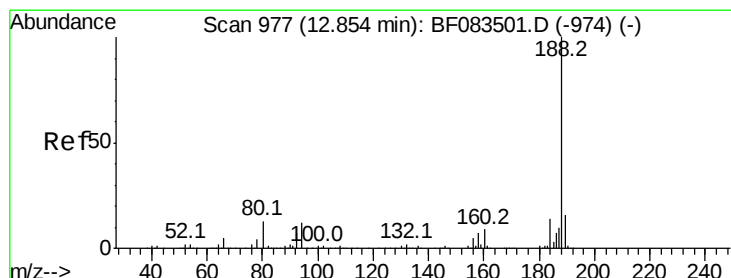
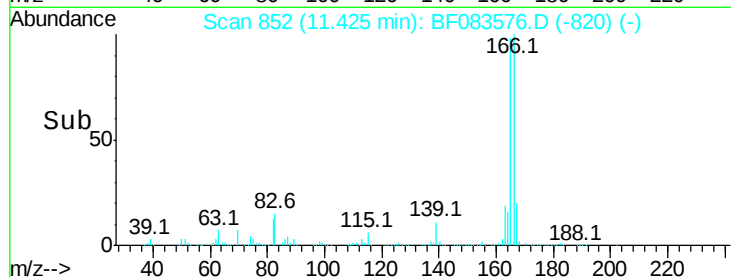
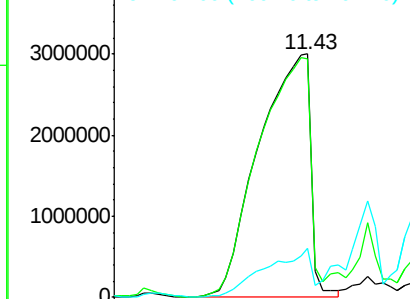
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 13.05 min Scan# 994

Delta R.T. 0.19 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

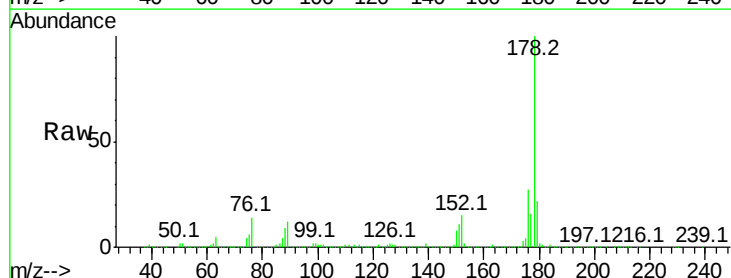
Tgt Ion:188 Resp: 149020

Ion Ratio Lower Upper

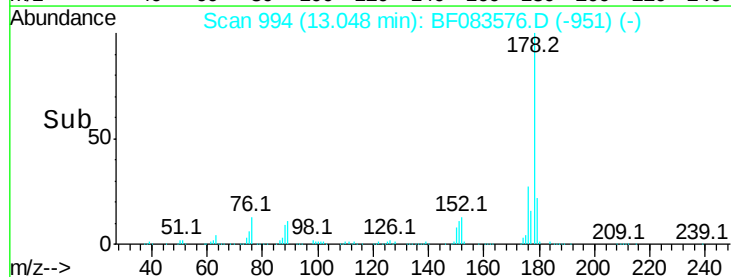
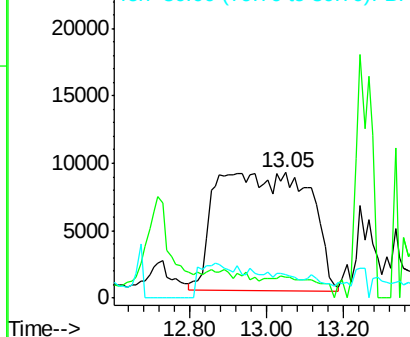
188 100

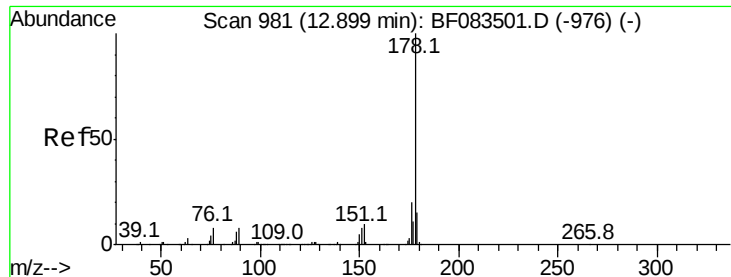
94 17.0 9.4 14.2#

80 18.5 10.6 16.0#



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: 9322.42 ng

RT: 13.19 min Scan# 1006

Delta R.T. 0.29 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:178 Resp:80862702

Ion Ratio Lower Upper

178 100

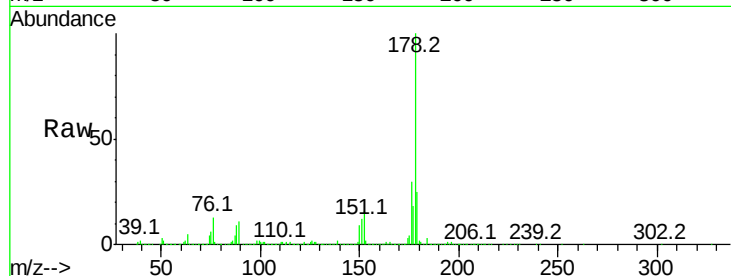
176 29.6 15.7 23.5#

179 25.2 12.2 18.4#

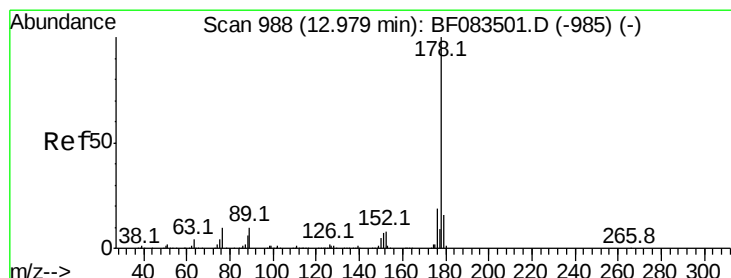
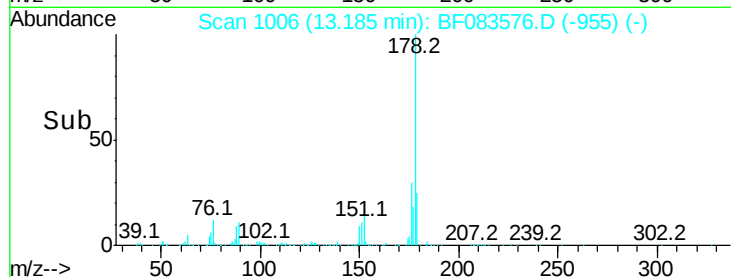
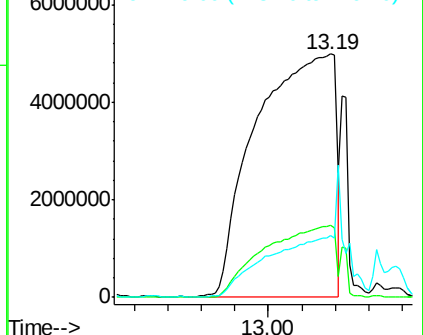
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 749.59 ng m

RT: 13.22 min Scan# 1009

Delta R.T. 0.24 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

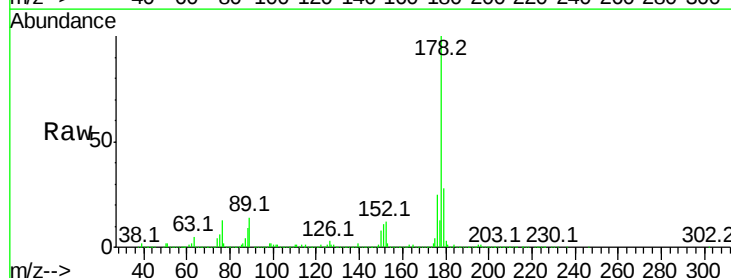
Tgt Ion:178 Resp: 6631066

Ion Ratio Lower Upper

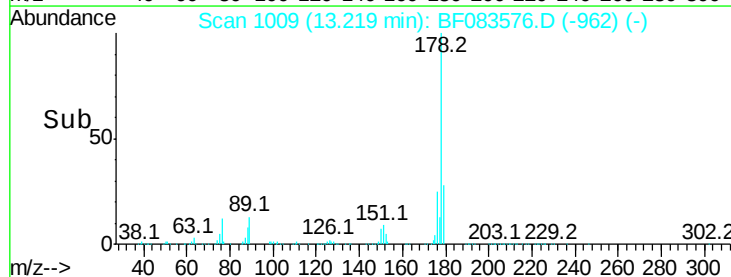
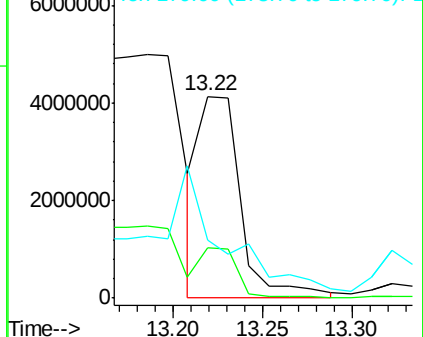
178 100

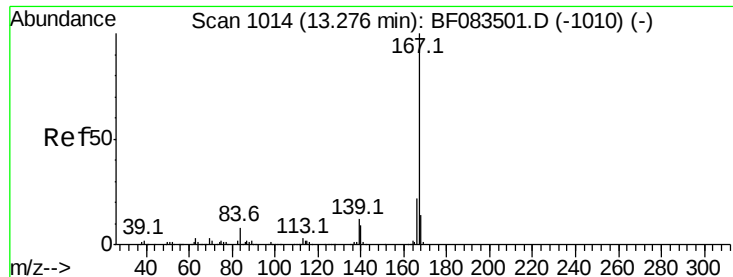
176 25.0 15.2 22.8#

179 28.5 12.6 18.8#



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





#72

Carbazole

Concen: 1649.11 ng

RT: 13.44 min Scan# 1028

Delta R.T. 0.16 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:167 Resp:12527189

Ion Ratio Lower Upper

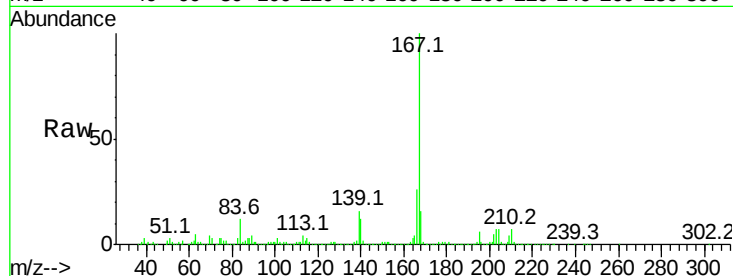
167 100

166 25.8 17.2 25.8#

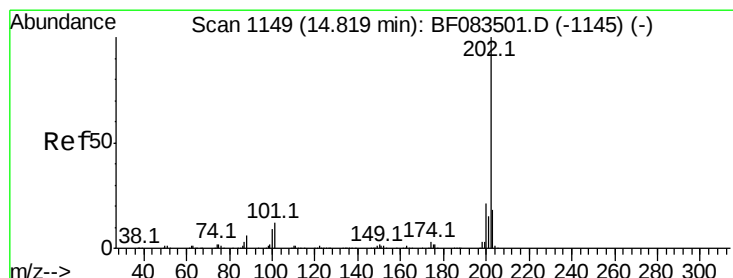
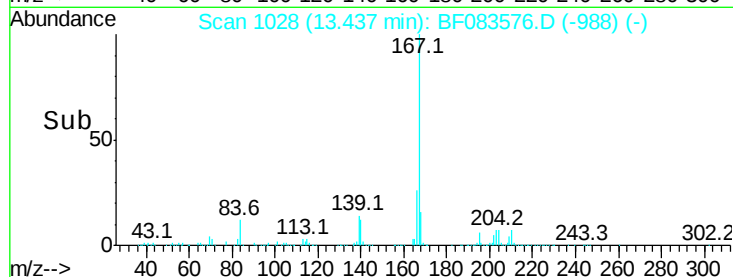
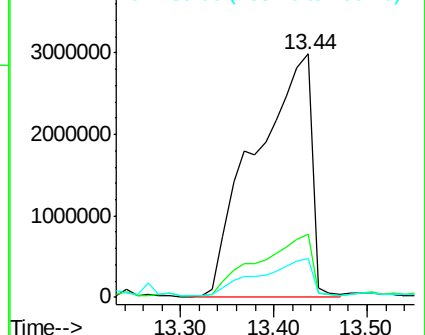
139 15.7 9.3 13.9#

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 7481.44 ng m

RT: 15.12 min Scan# 1175

Delta R.T. 0.30 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

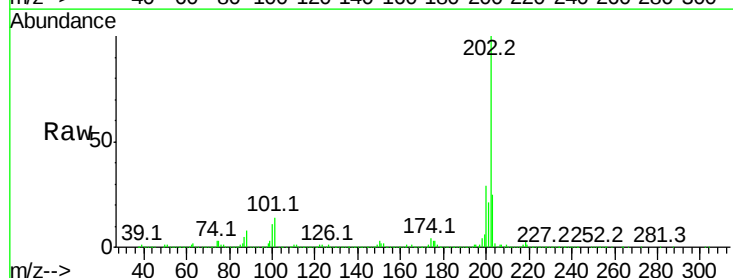
Tgt Ion:202 Resp:64315747

Ion Ratio Lower Upper

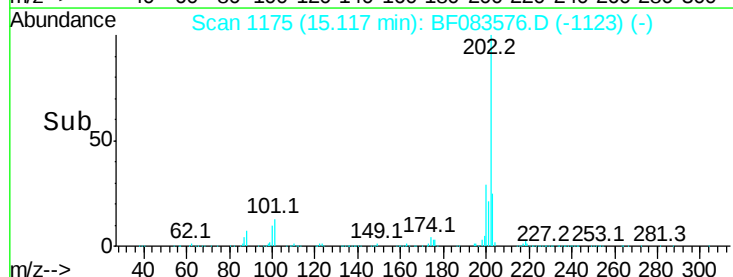
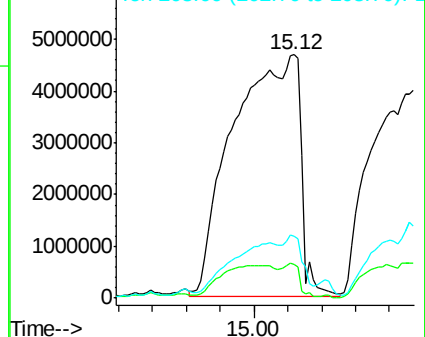
202 100

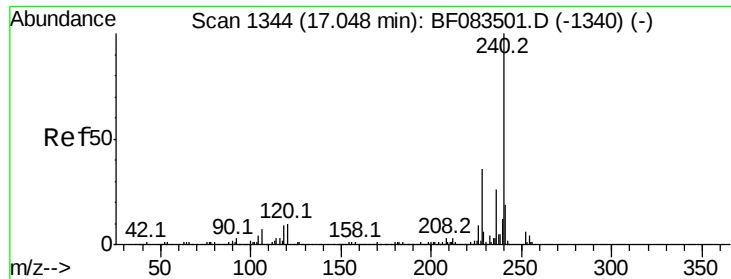
101 14.1 0.0 31.5

203 25.3 0.0 37.6



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.20 min Scan# 1357

Delta R.T. 0.15 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:240 Resp: 174402

Ion Ratio Lower Upper

240 100

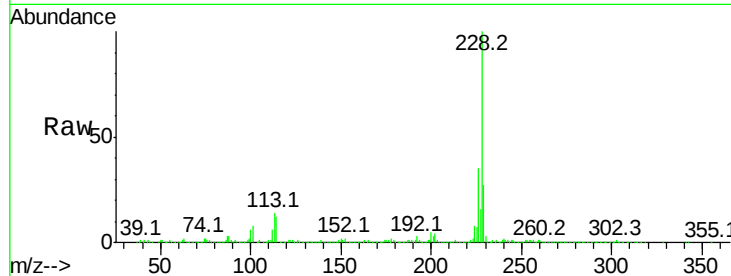
120 21.9 8.1 12.1#

236 31.2 20.8 31.2#

Manual Integrations
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Mmdadoda

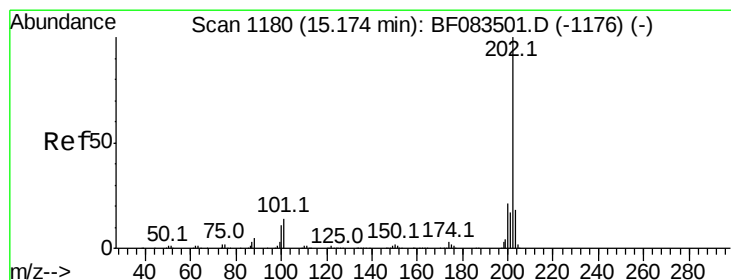
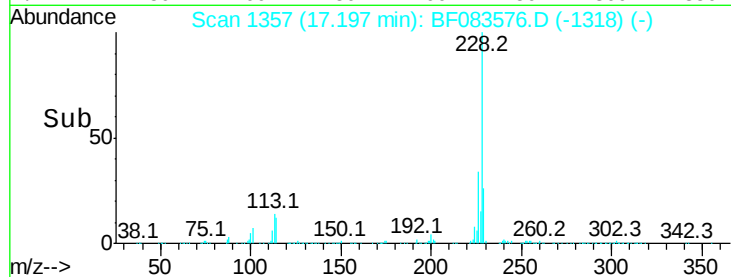
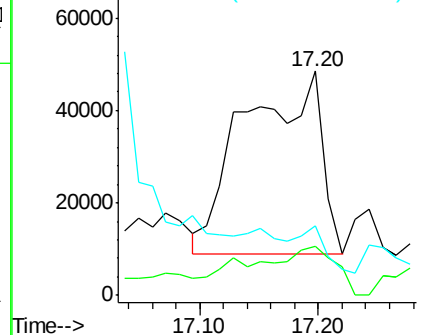
12/8/2015 6:15:43 PM



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: 3360.43 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.32 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

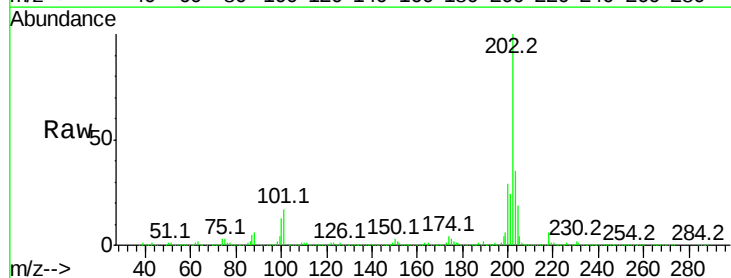
Tgt Ion:202 Resp:43841422

Ion Ratio Lower Upper

202 100

200 28.8 16.7 25.1#

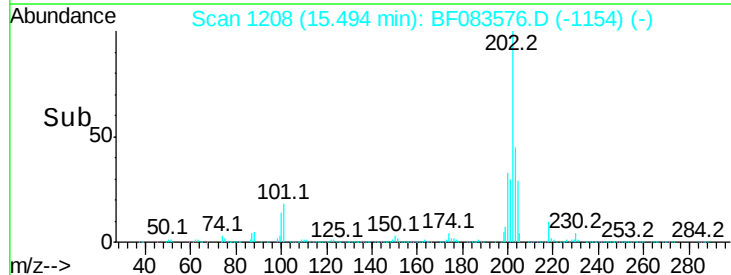
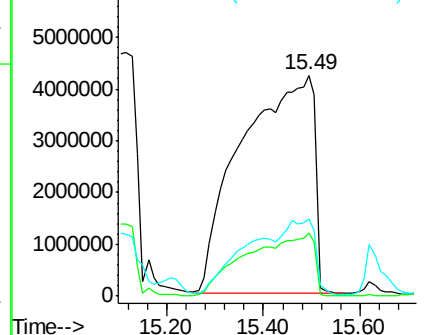
203 35.1 14.3 21.5#

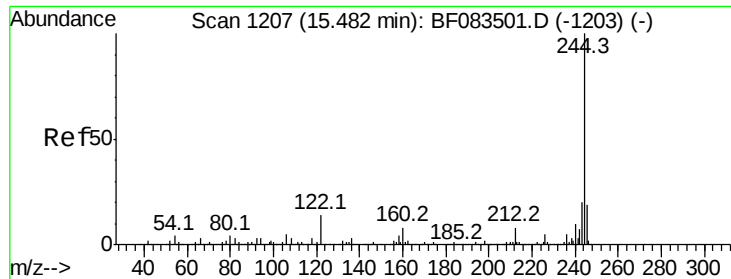


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.49 ng

RT: 15.60 min Scan# 1217

Delta R.T. 0.11 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

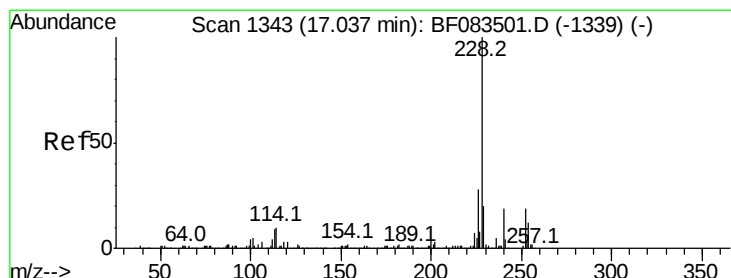
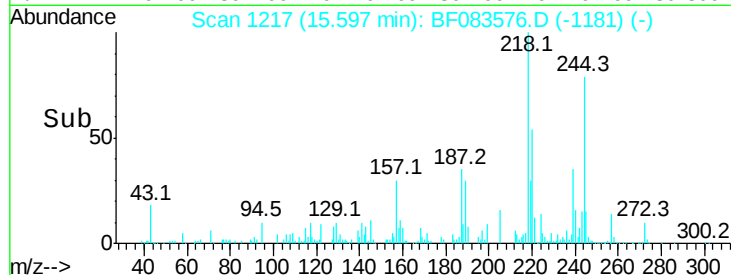
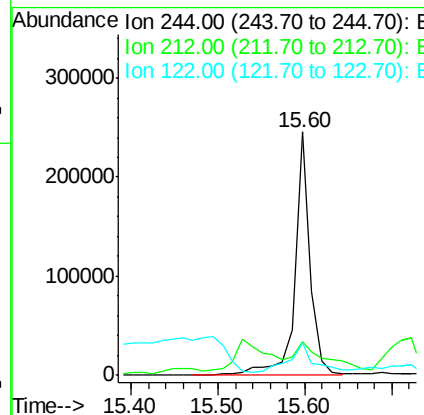
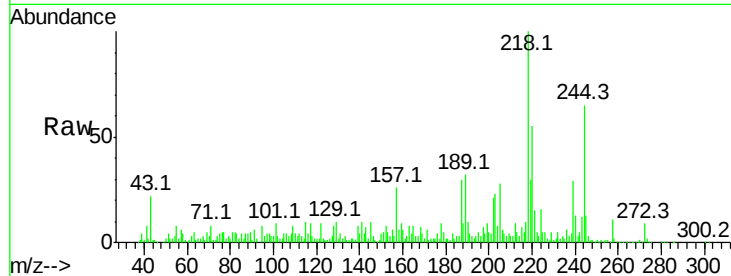
ClientSampleId :

SHED-SOUTH-WALL

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	13.8	6.1	9.1#	
122	13.4	11.0	16.6	

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#80

Benzo(a)anthracene

Concen: 574.79 ng m

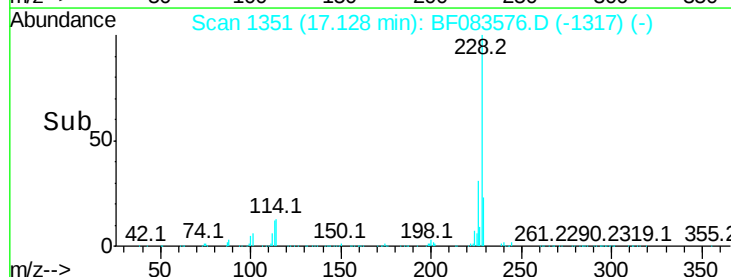
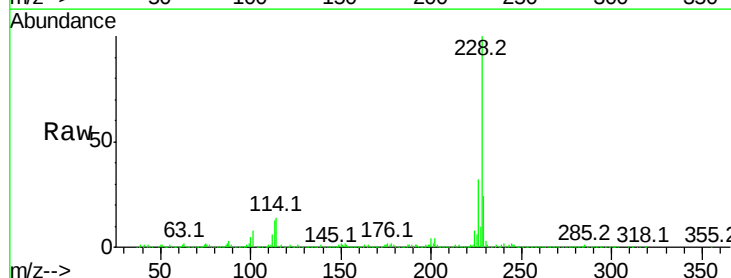
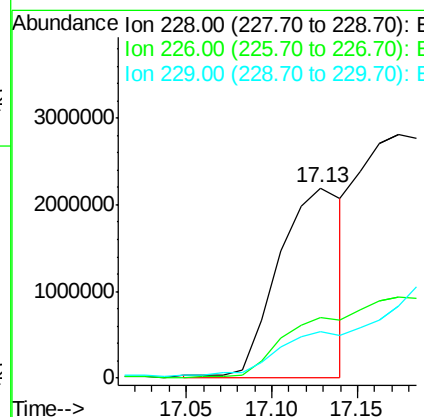
RT: 17.13 min Scan# 1351

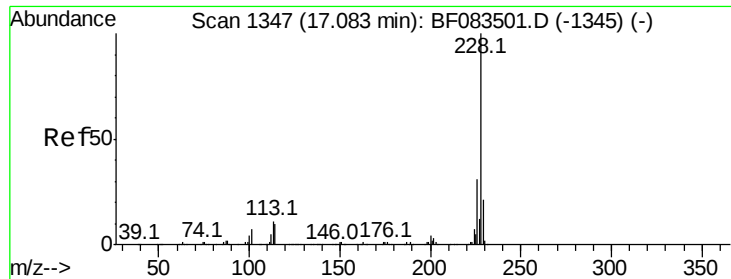
Delta R.T. 0.09 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.7	22.3	33.5	
229	24.2	15.7	23.5#	





#82

Chrysene

Concen: 1582.04 ng m

RT: 17.21 min Scan# 1358

Delta R.T. 0.13 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALL

Tot Ion:228 Resp:16082044

Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.7	37.1
229	25.0	16.3	24.5

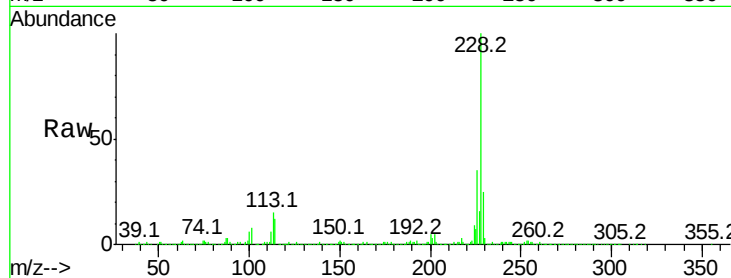
228 100

226 34.9 24.7 37.1

229 25.0 16.3 24.5

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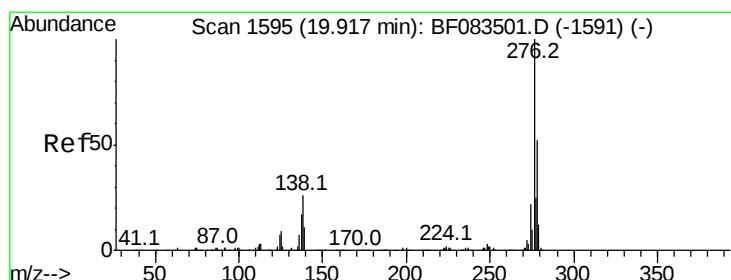
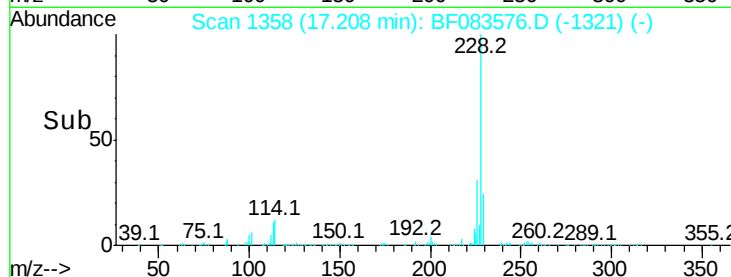
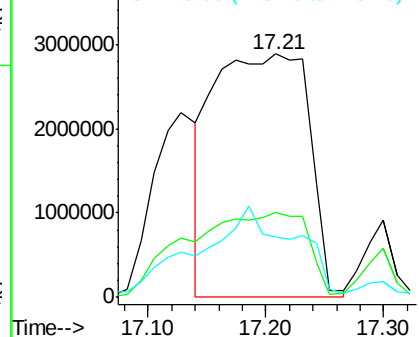


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 165.50 ng m

RT: 19.96 min Scan# 1599

Delta R.T. 0.05 min

Lab File: BF083576.D

Acq: 8 Dec 2015 00:57

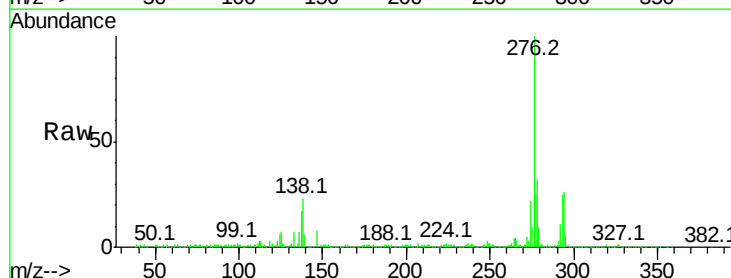
Tgt Ion:276 Resp: 1442114

Ion	Ratio	Lower	Upper
276	100		
138	1.8	0.0	0.0
277	1.4	0.0	0.0

276 100

138 1.8 0.0 0.0

277 1.4 0.0 0.0

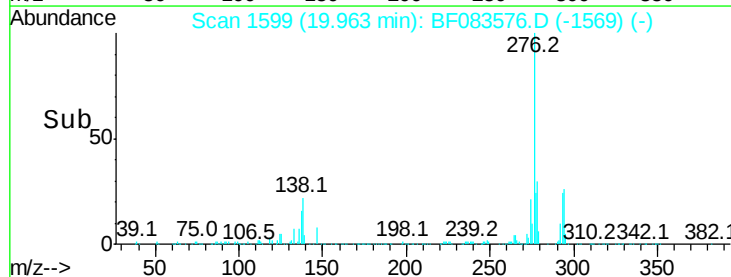
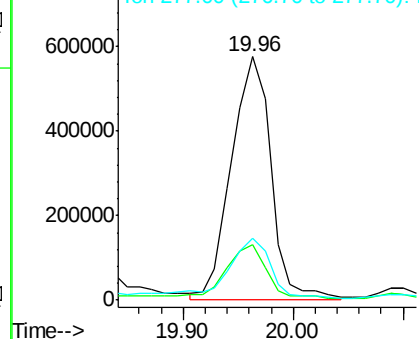


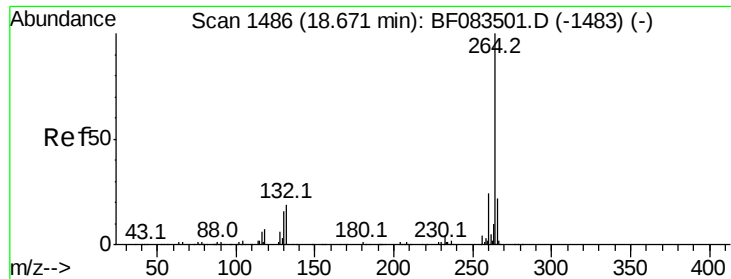
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





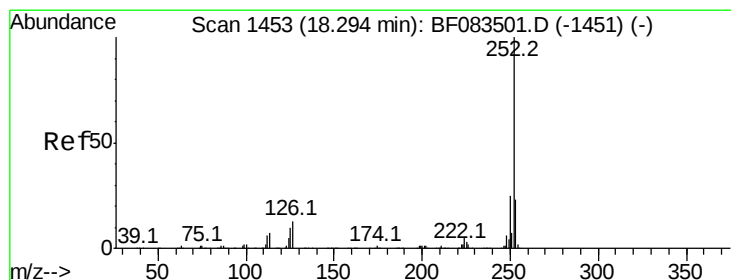
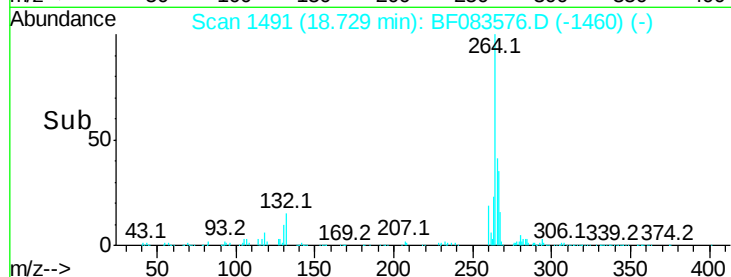
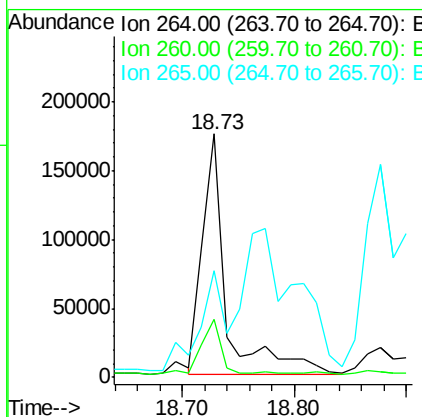
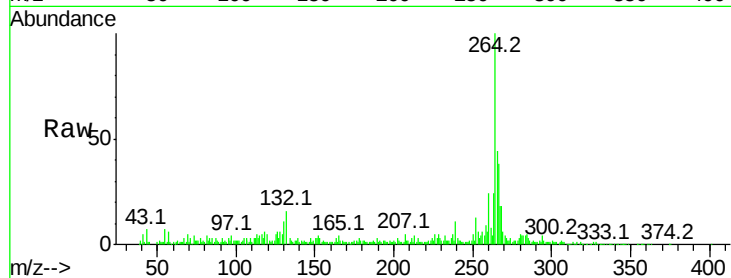
#86
Pervlene-d12
Concen: 20.00 ng m
RT: 18.73 min Scan# 1491
Delta R.T. 0.06 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	43.6	17.8	26.6#

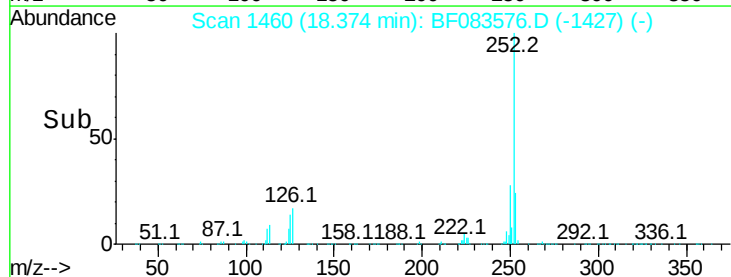
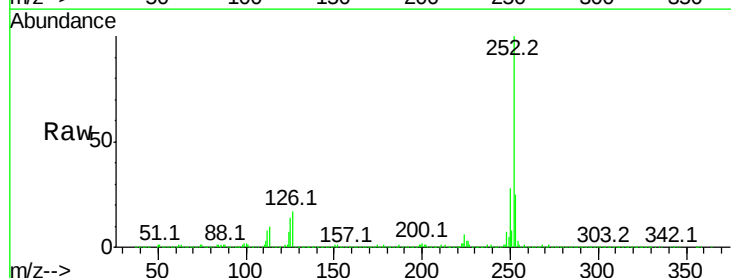
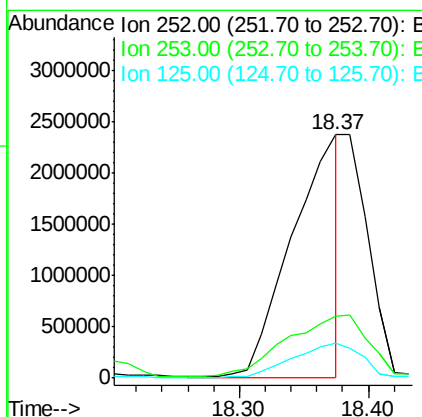
Manual Integrations
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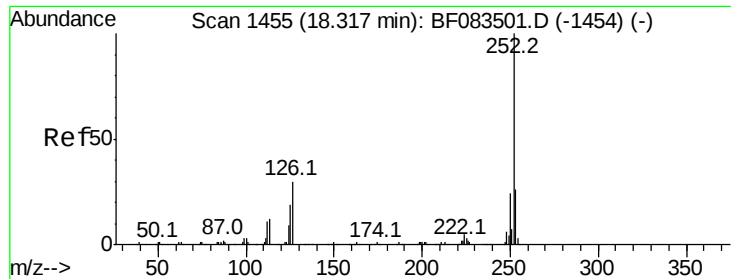
Mmdadoda
12/8/2015 6:15:43 PM



#87
Benzo(b)fluoranthene
Concen: 423.60 ng m
RT: 18.37 min Scan# 1460
Delta R.T. 0.08 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	14.1	8.2	12.4#





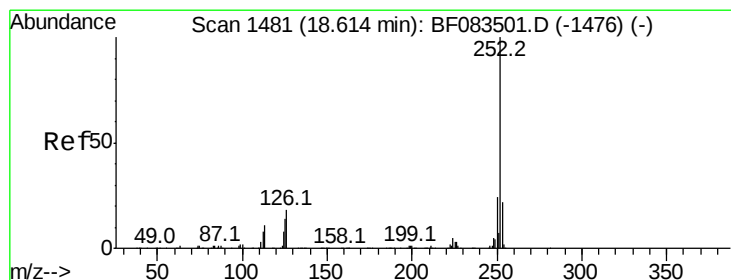
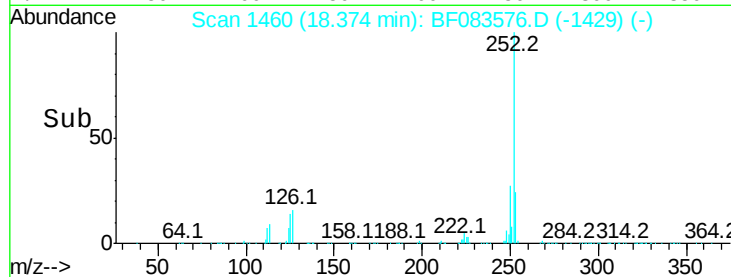
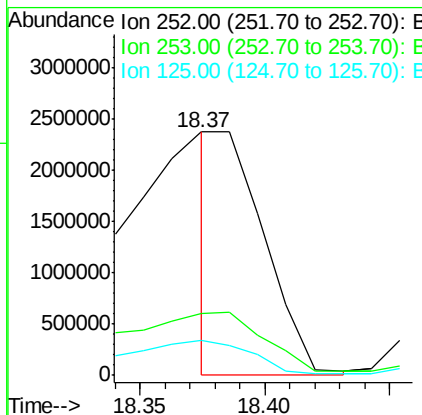
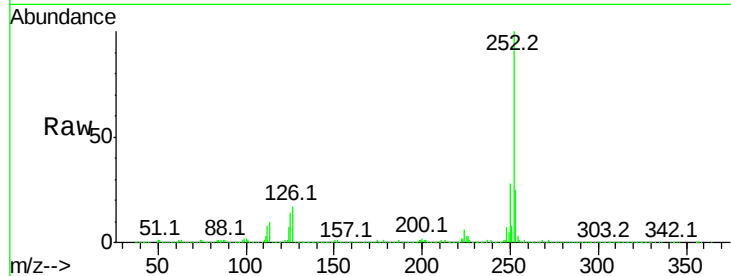
#88
Benzo(k)fluoranthene
Concen: 215.60 ng m
RT: 18.37 min Scan# 1460
Delta R.T. 0.06 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tot Ion:252 Resp: 3250895
Ion Ratio Lower Upper
252 100
253 25.3 18.6 27.8
125 14.1 11.5 17.3

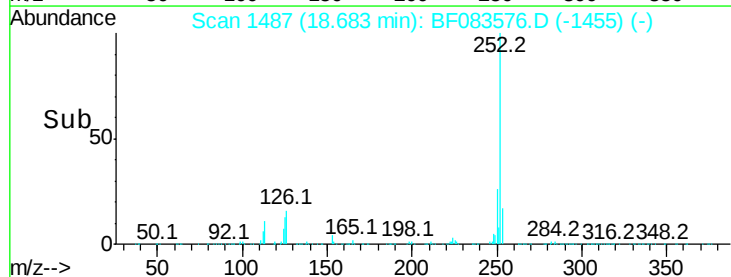
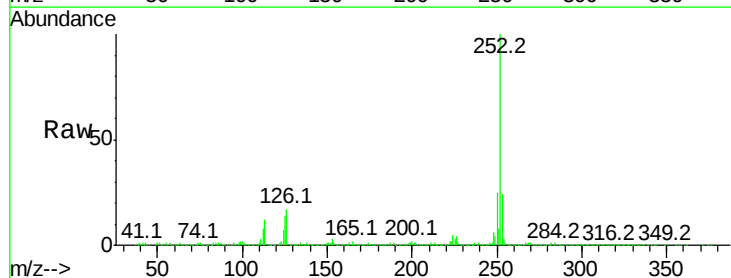
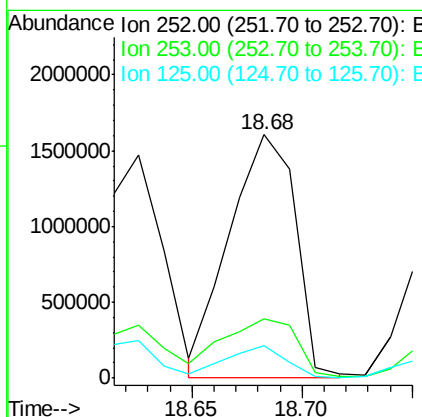
Manual Integrations
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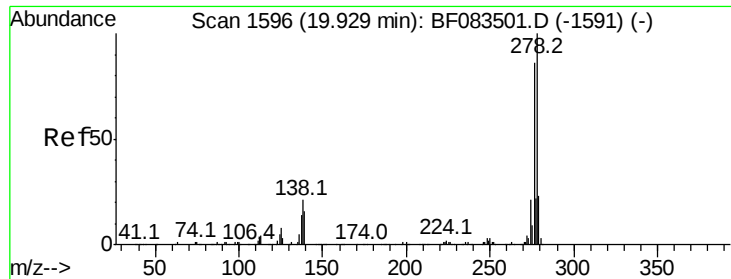
Mmdadoda
12/8/2015 6:15:43 PM



#89
Benzo(a)pyrene
Concen: 233.82 ng m
RT: 18.68 min Scan# 1487
Delta R.T. 0.07 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion:252 Resp: 3347662
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 13.5 11.0 16.6





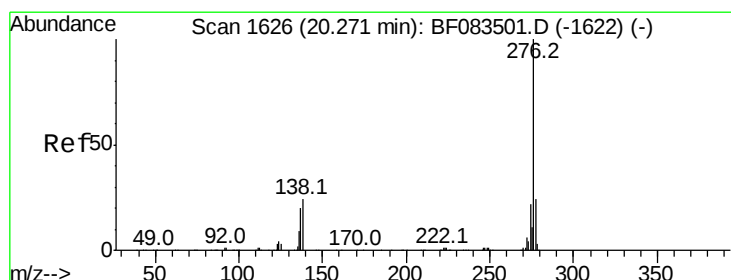
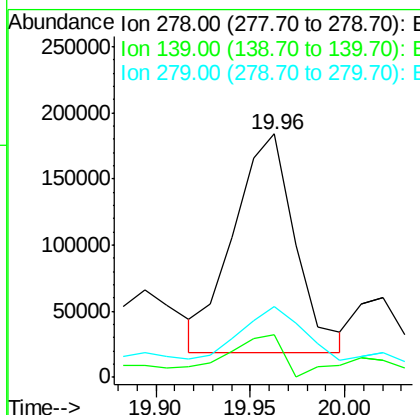
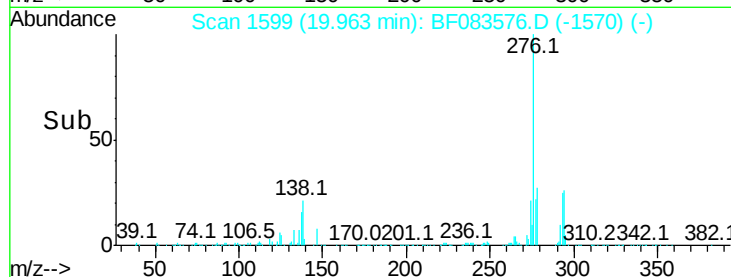
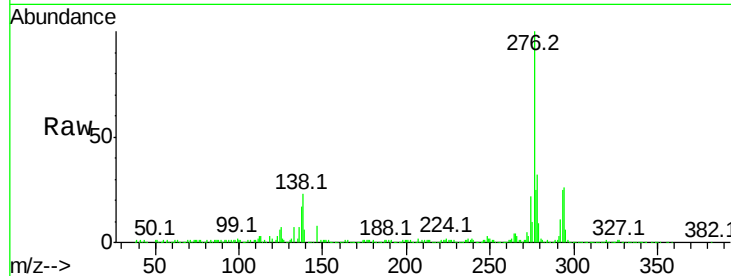
#90
Dibenzo(a,h)anthracene
Concen: 27.42 ng/mL
RT: 19.96 min Scan# 1599
Delta R.T. 0.03 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.8	19.2
279	28.9	18.6	28.0

Manual Integrations
APPROVED

Mmdadoda
12/8/2015 6:15:43 PM



#91
Benzo(g,h,i)perylene
Concen: 78.46 ng/mL
RT: 20.33 min Scan# 1631
Delta R.T. 0.06 min
Lab File: BF083576.D
Acq: 8 Dec 2015 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.2	28.8
138	21.1	19.5	29.3

