

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083022.D
 Acq On : 18 Nov 2015 21:56
 Operator : UM/IZ
 Sample : G4412-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Manual Integrations
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 11/19/2015 6:44:48 PM

Quant Time: Nov 19 04:02:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145457	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	572690	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	270726	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	430223	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	316999	20.00	ng	-0.01
86) Perylene-d12	15.26	264	300362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1065904	114.02	ng	0.00
7) Phenol-d6	6.38	99	1324030	106.53	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1027052	78.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	283275	91.26	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1476691	78.18	ng	0.00
78) Terphenyl-d14	12.83	244	1123756	84.08	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.40	94	35620	2.53	ng	89
15) Benzyl Alcohol	6.88	79	55923	5.12	ng	98
48) Acenaphthylene	9.63	152	90677	3.19	ng	96
49) Dimethylphthalate	9.49	163	412998	18.62	ng	98
70) Phenanthrene	11.26	178	429330	17.18	ng	95
71) Anthracene	11.32	178	79951	3.04	ng	97
73) Di-n-butylphthalate	11.82	149	170790	5.95	ng	# 95
74) Fluoranthene	12.45	202	770395	28.73	ng	99
77) Pyrene	12.68	202	784007	36.01	ng	97
80) Benzo(a)anthracene	13.87	228	360809	18.20	ng	93
82) Chrysene	13.90	228	317515	17.49	ng	96
85) Indeno(1,2,3-cd)pyrene	16.57	276	171607	10.97	ng	97
87) Benzo(b)fluoranthene	14.88	252	351406m	18.23	ng	
88) Benzo(k)fluoranthene	14.89	252	148446m	8.68	ng	
89) Benzo(a)pyrene	15.21	252	256686	15.37	ng	98
90) Dibenzo(a,h)anthracene	16.58	278	40793m	2.88	ng	
91) Benzo(g,h,i)perylene	16.96	276	170085	12.55	ng	# 96

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

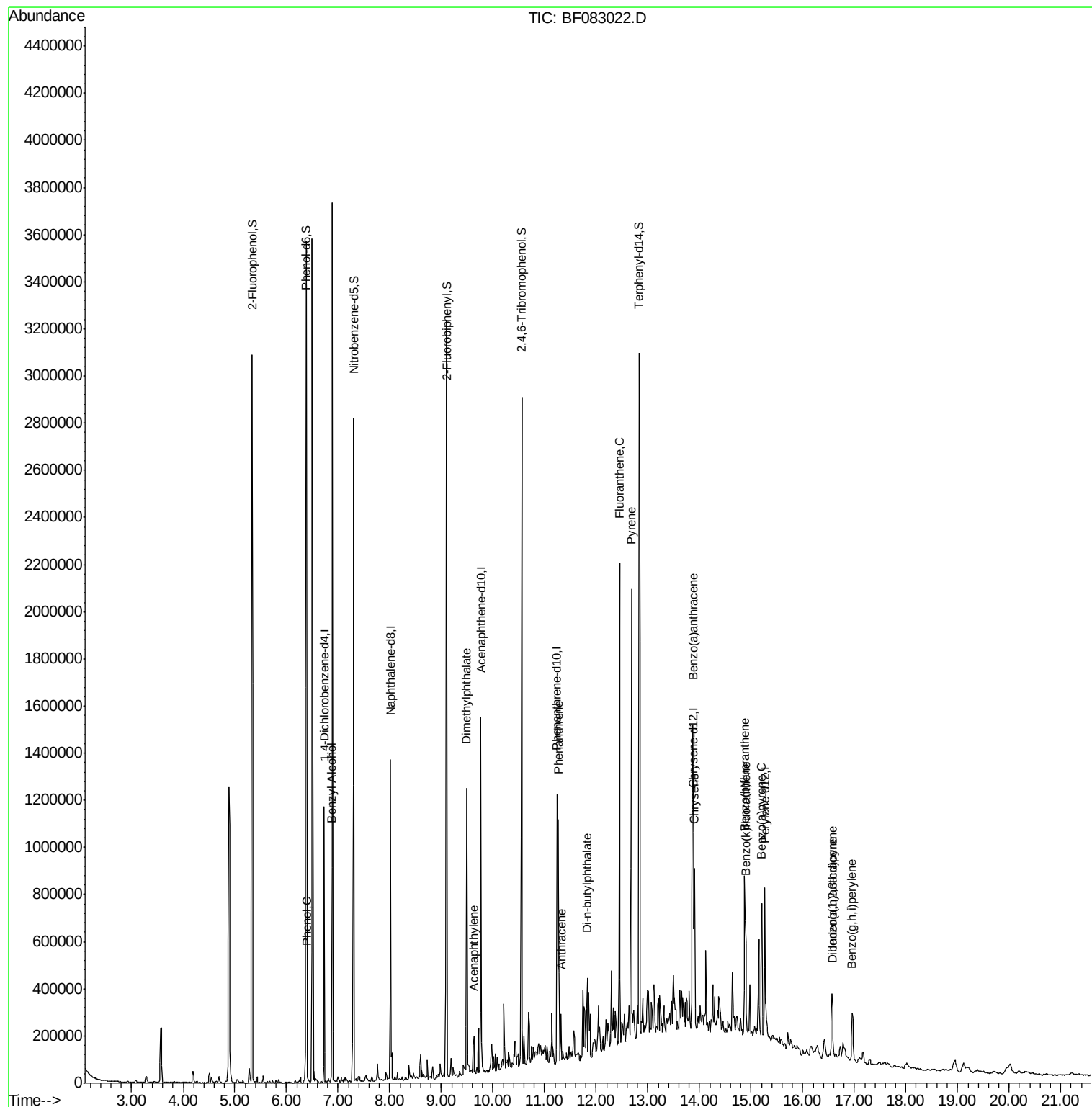
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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ALS Vial : 16 Sample Multiplier: 1

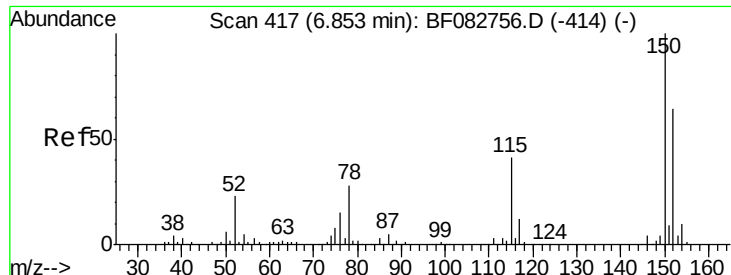
Instrument :
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#1

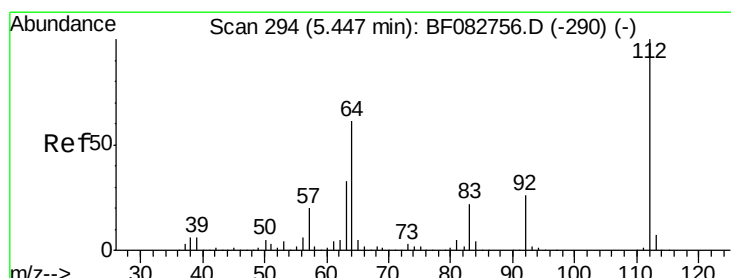
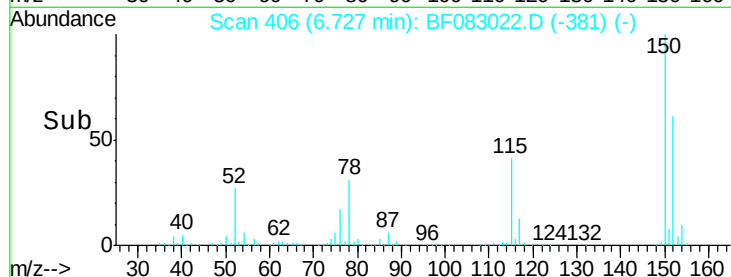
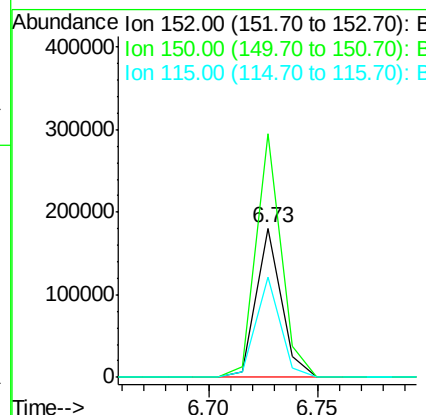
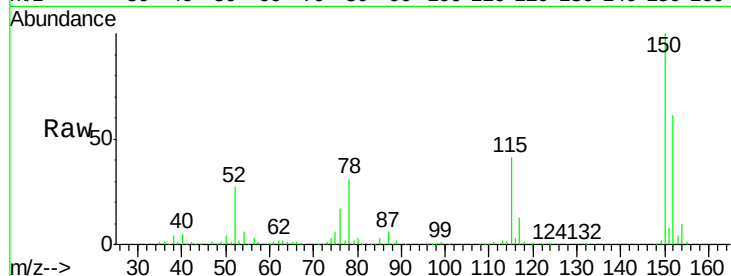
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	145457		
150	163.0	127.0	190.4	
115	66.9	47.0	70.6	

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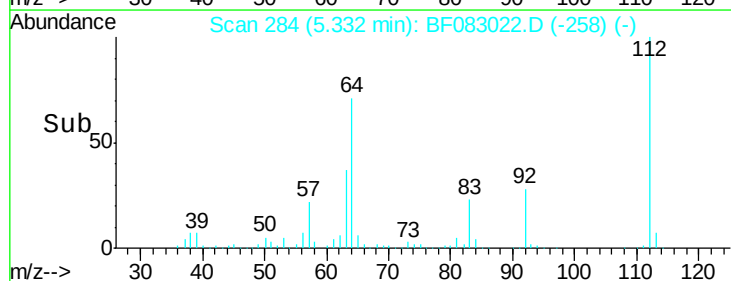
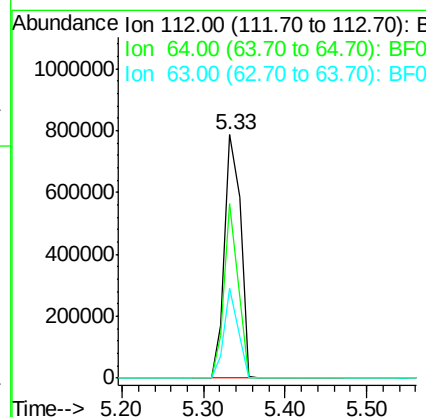
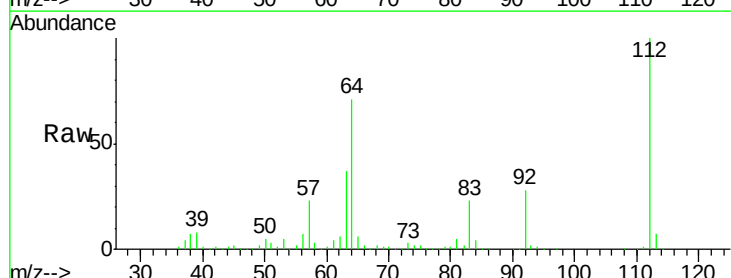
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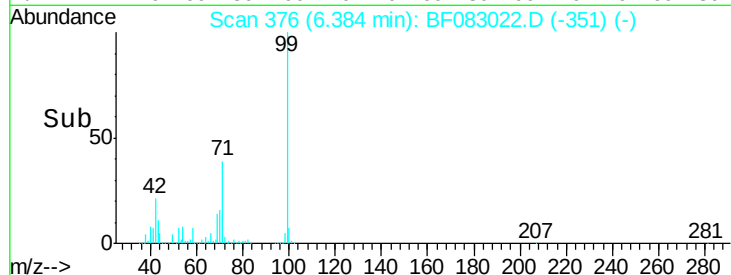
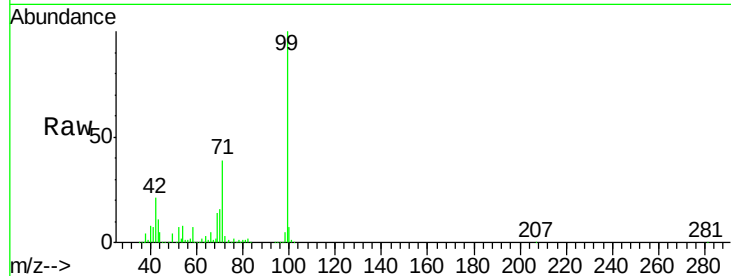
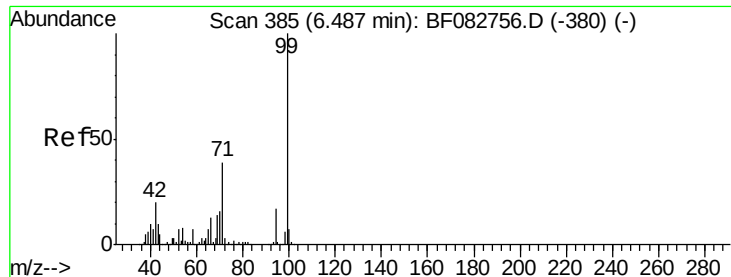


#5

2-Fluorophenol
Concen: 114.02 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1065904		
64	71.4	48.9	73.3	
63	36.8	28.1	42.1	





#7

Phenol-d6

Concen: 106.53 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083022.D

Acq: 18 Nov 2015 21:56

Tgt Ion: 99 Resp: 1324030

Ion Ratio Lower Upper

99 100

42 20.7 19.2 28.8

71 39.1 35.0 52.4

Instrument :

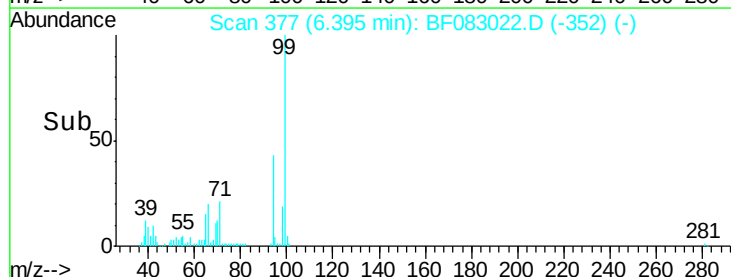
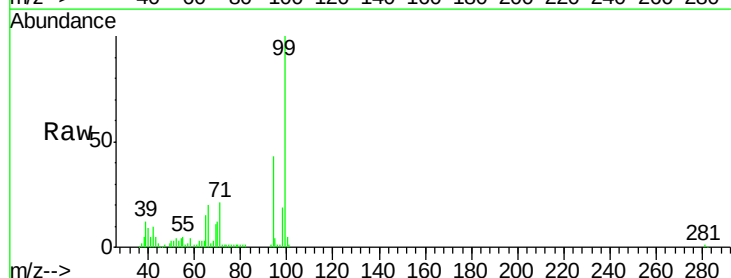
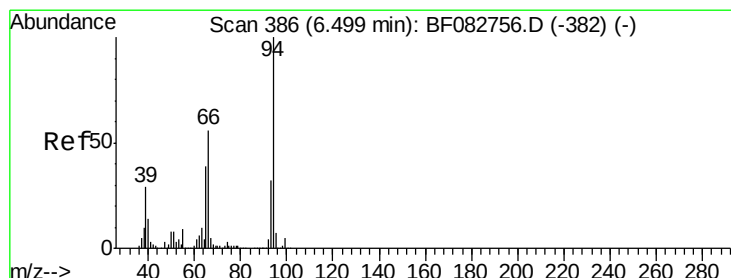
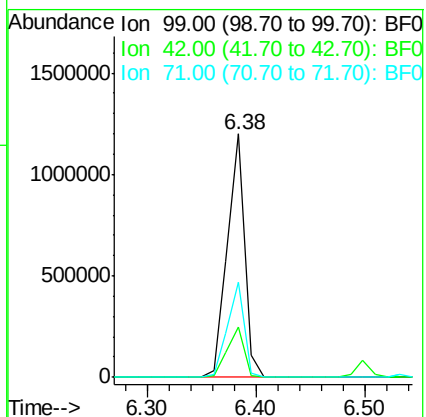
BNA_F

ClientSampleId :

TEC-C1

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#10

Phenol

Concen: 2.53 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF083022.D

Acq: 18 Nov 2015 21:56

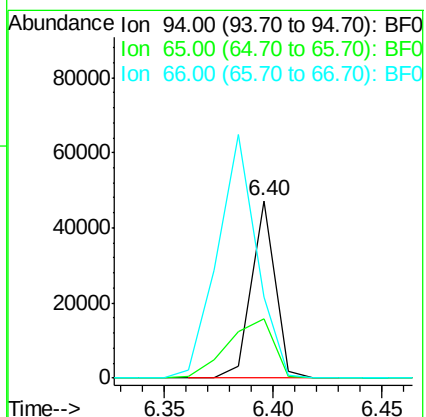
Tgt Ion: 94 Resp: 35620

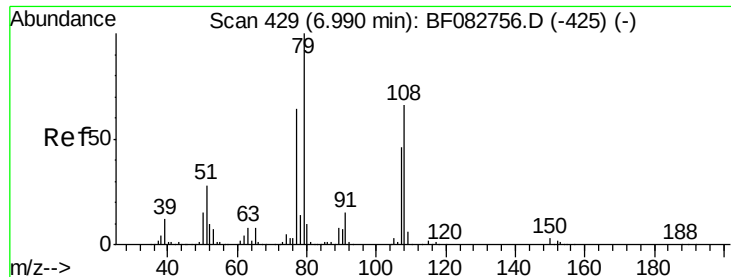
Ion Ratio Lower Upper

94 100

65 33.8 18.9 58.9

66 46.0 34.9 74.9





#15

Benzyl Alcohol

Concen: 5.12 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF083022.D

Acq: 18 Nov 2015 21:56

Instrument :

BNA_F

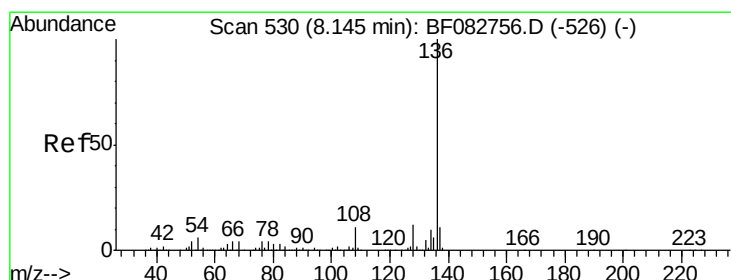
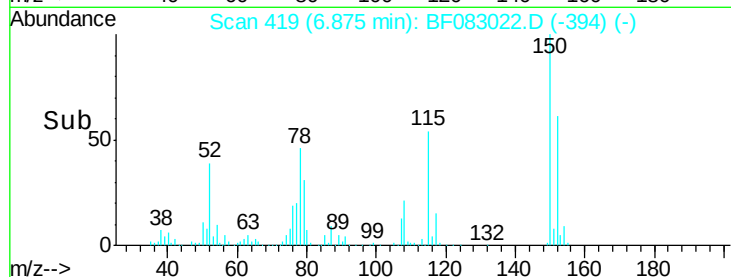
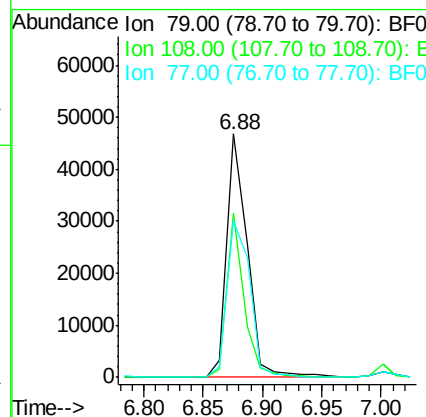
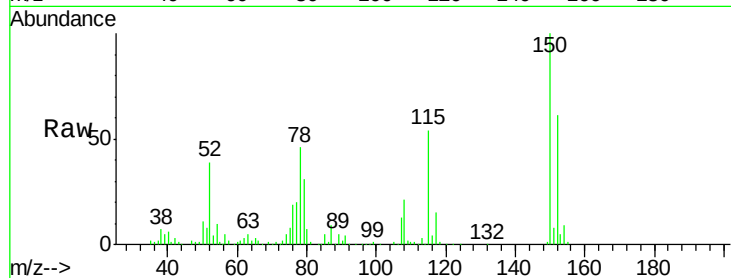
ClientSampleId :

TEC-C1

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Tgt Ion:	79	Resp:	55923
Ion Ratio	Lower	Upper	
79	100		
108	67.3	52.2	78.4
77	64.1	52.7	79.1



#21

Naphthalene-d8

Concen: 20.00 ng

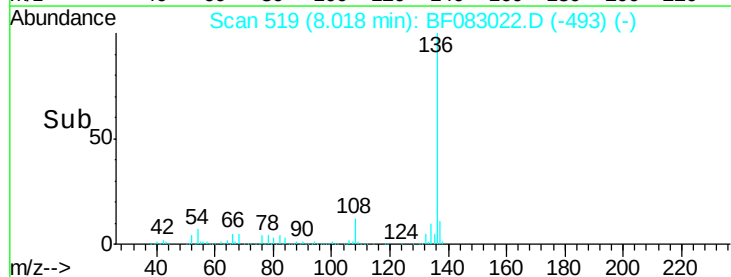
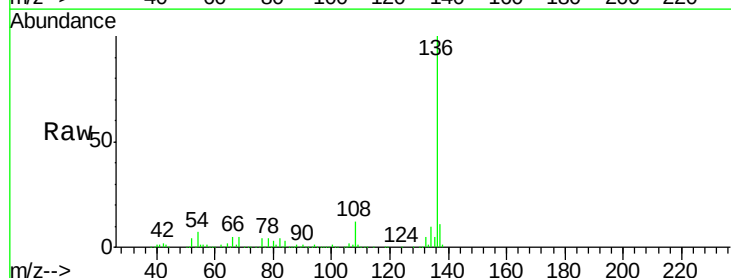
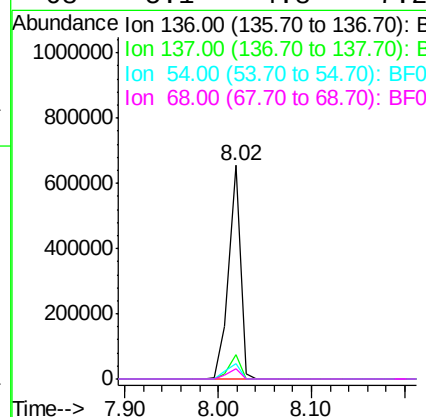
RT: 8.02 min Scan# 519

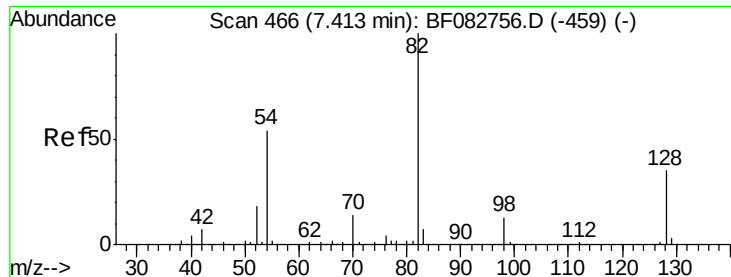
Delta R.T. -0.00 min

Lab File: BF083022.D

Acq: 18 Nov 2015 21:56

Tgt Ion:	136	Resp:	572690
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.4	9.1	13.7#
68	5.1	4.8	7.2





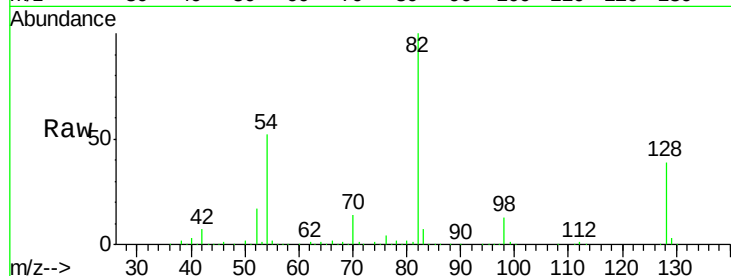
#23
 Nitrobenzene-d5
 Concen: 78.03 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

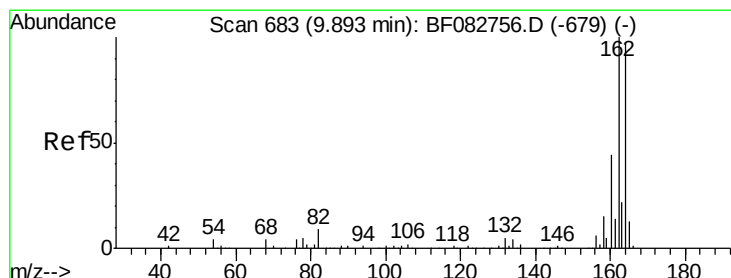
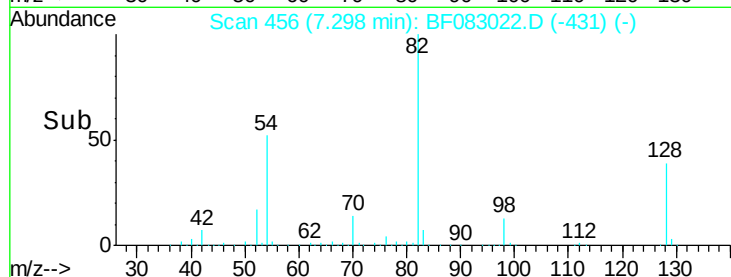
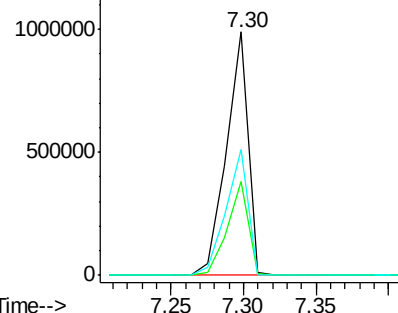
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.8	40.2
54	51.7	45.7	68.5

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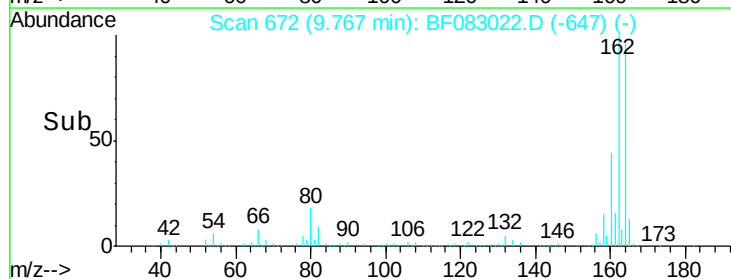
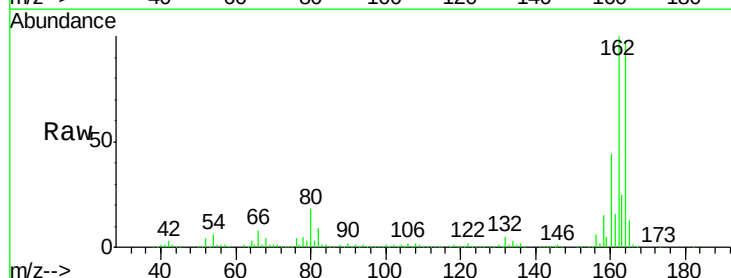
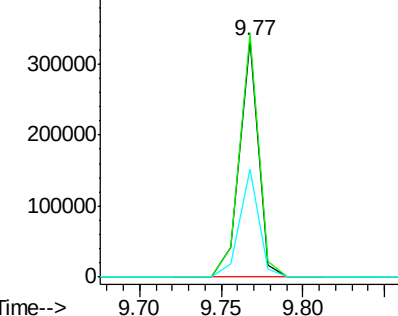
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

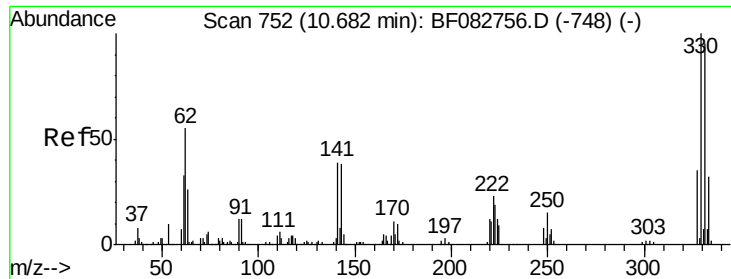


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.9	127.3
160	45.3	37.5	56.3

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





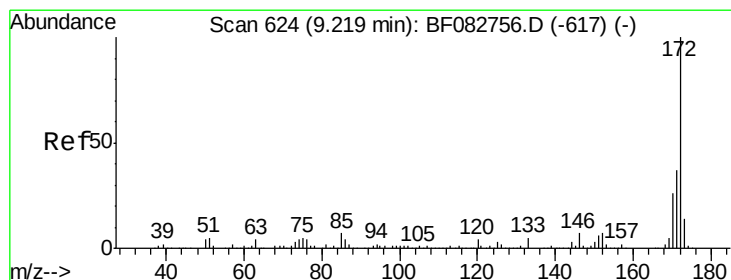
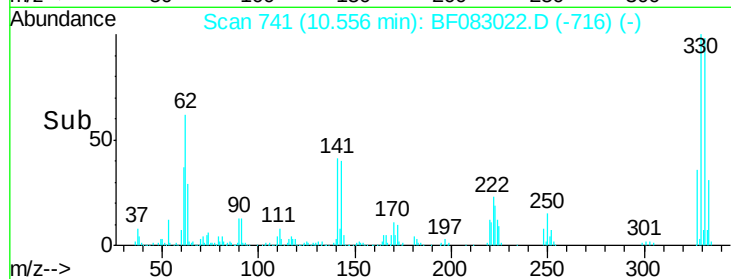
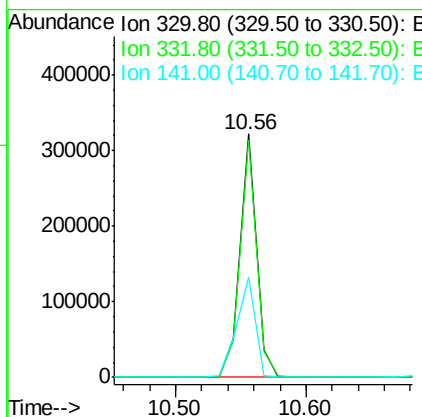
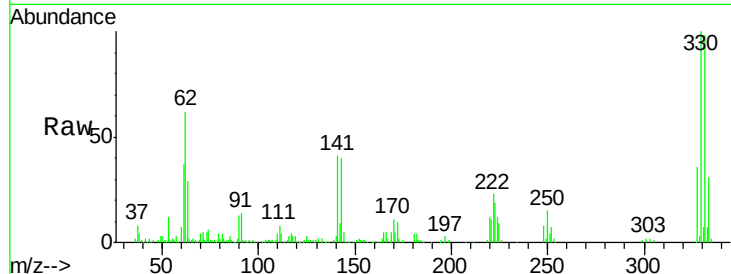
#41
 2,4,6-Tribromophenol
 Concen: 91.26 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	283275		
332	97.2	76.6	114.8	
141	46.1	41.2	61.8	

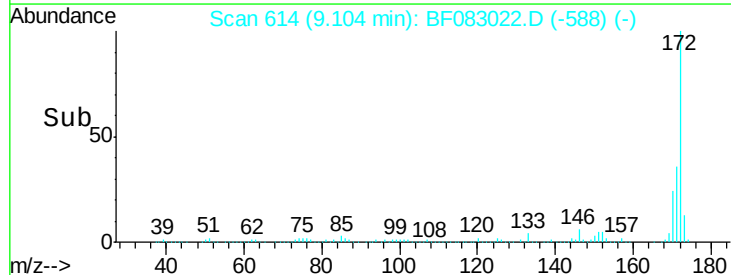
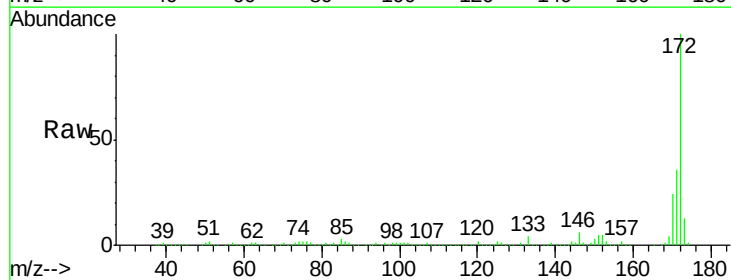
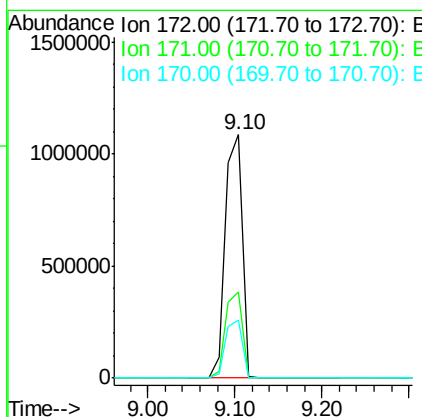
Manual Integrations
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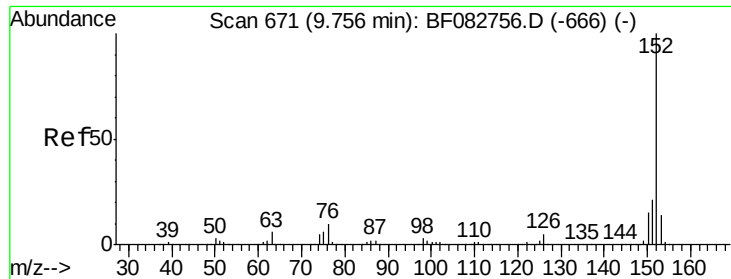
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#44
 2-Fluorobiphenyl
 Concen: 78.18 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1476691		
171	35.6	30.8	46.2	
170	24.0	21.2	31.8	





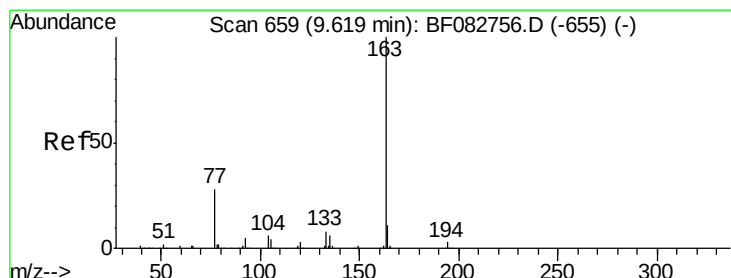
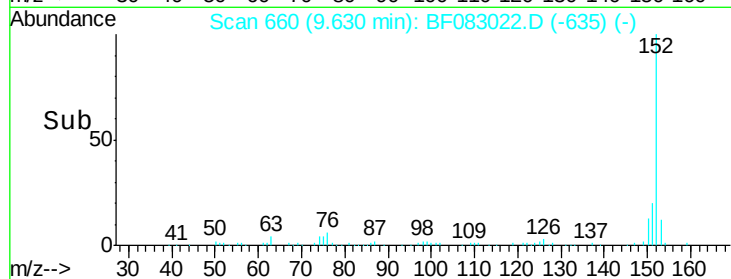
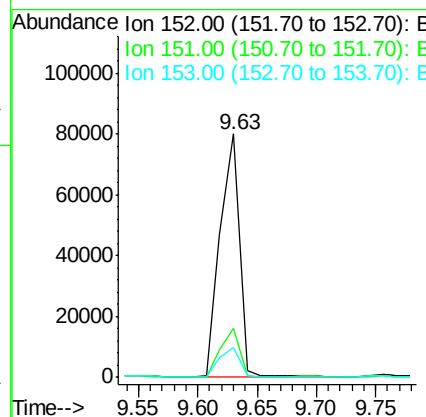
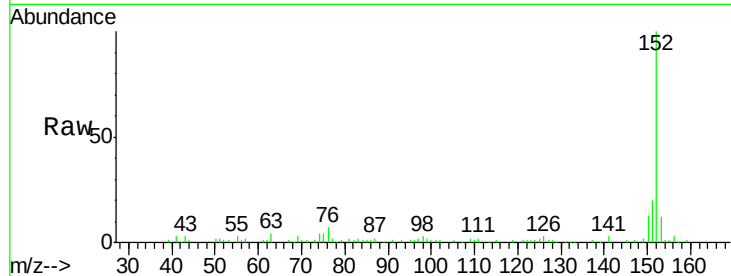
#48
 Acenaphthylene
 Concen: 3.19 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Tgt Ion:	152	Resp:	90677
Ion Ratio		Lower	Upper
152	100		
151	20.1	17.3	25.9
153	12.3	11.3	16.9

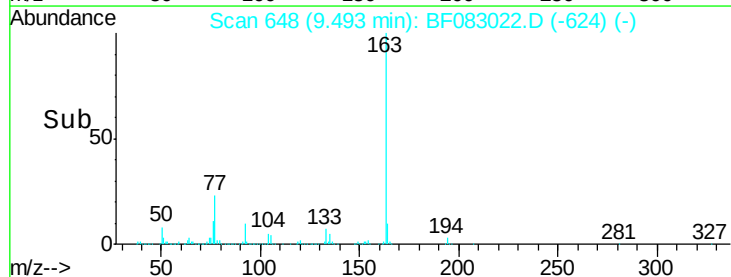
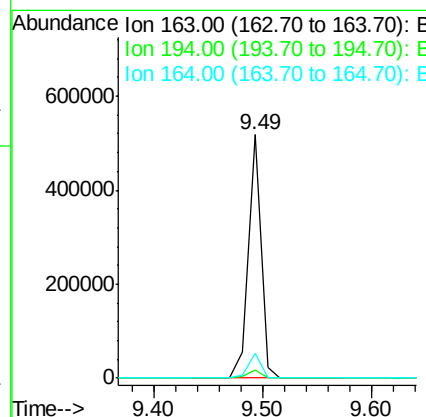
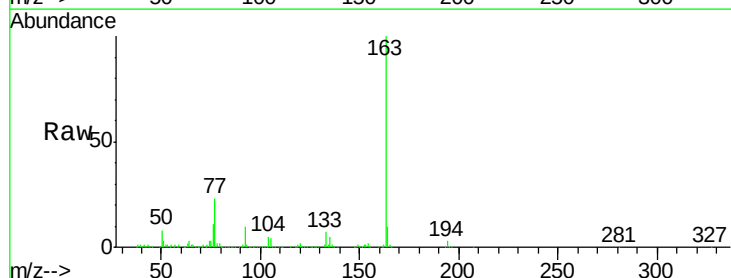
Manual Integrations
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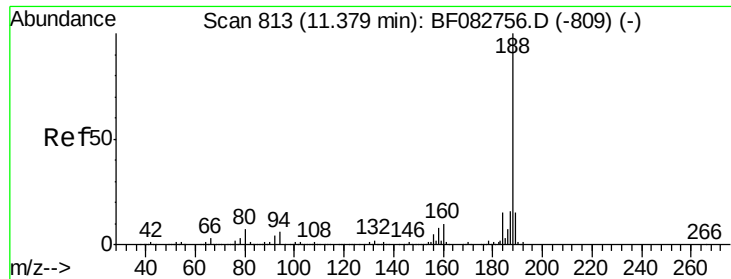
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 11/19/2015 6:44:48 PM



#49
 Dimethylphthalate
 Concen: 18.62 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Tgt Ion:	163	Resp:	412998
Ion Ratio		Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.7	13.1





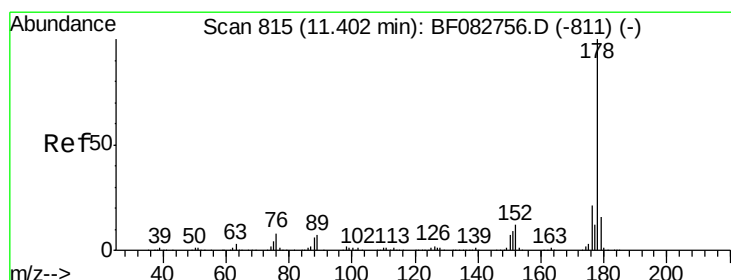
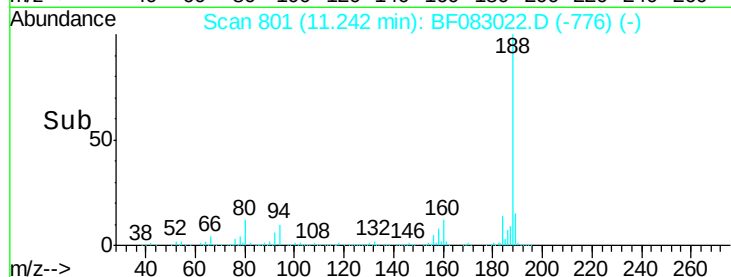
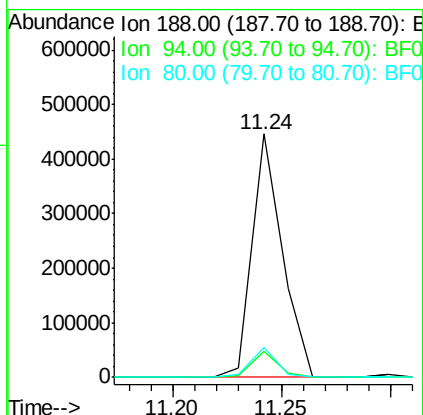
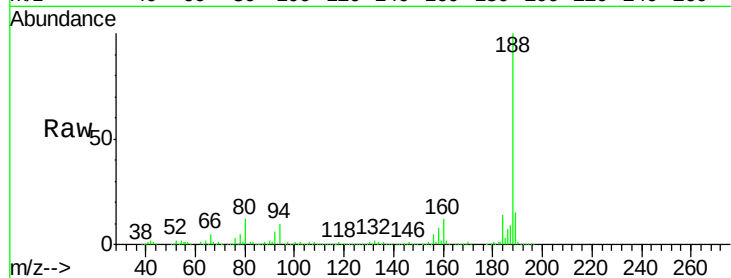
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	430223		
94	10.5	6.1	9.1#	
80	12.1	7.0	10.6#	

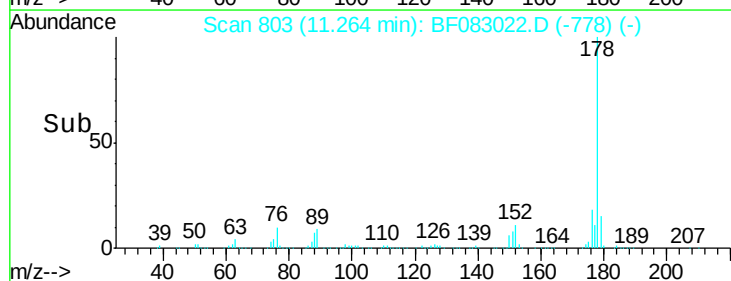
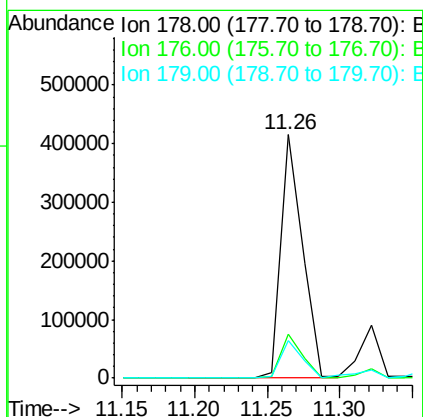
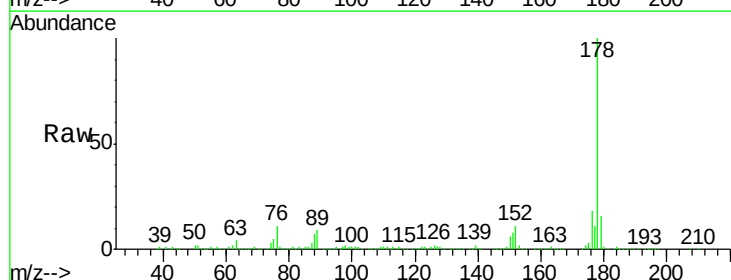
Manual Integrations
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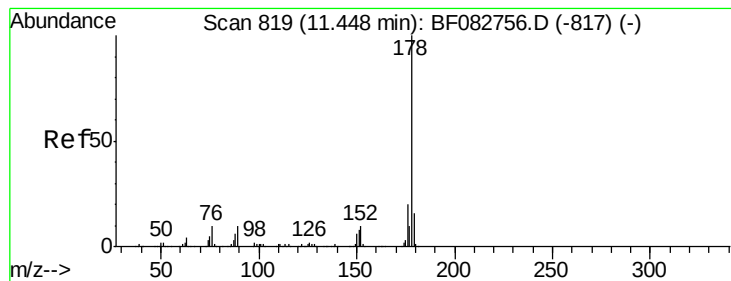
Mmdadoda
11/19/2015 6:44:48 PM



#70
Phenanthrene
Concen: 17.18 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	429330		
176	18.3	17.0	25.4	
179	15.6	13.4	20.0	





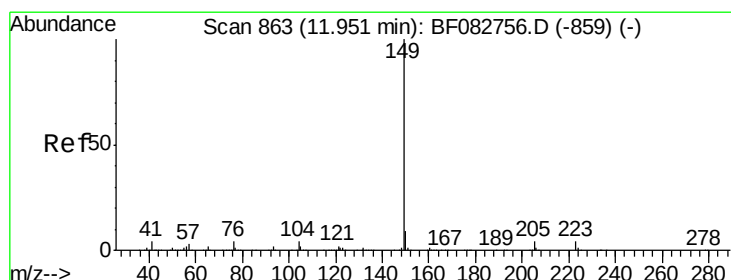
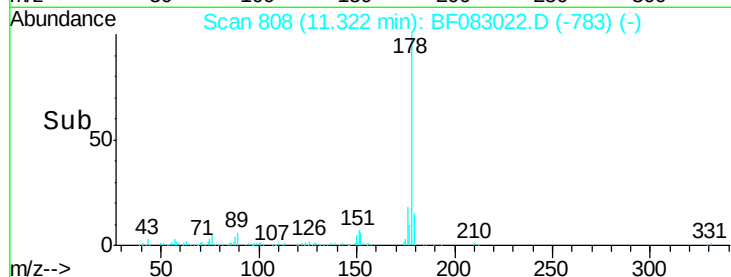
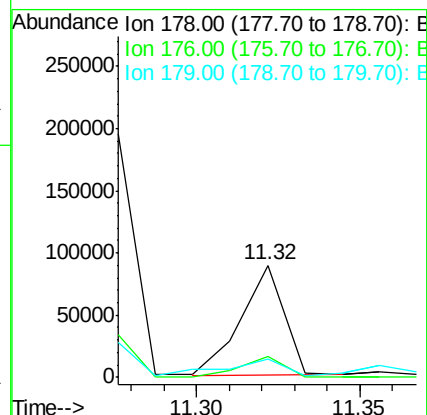
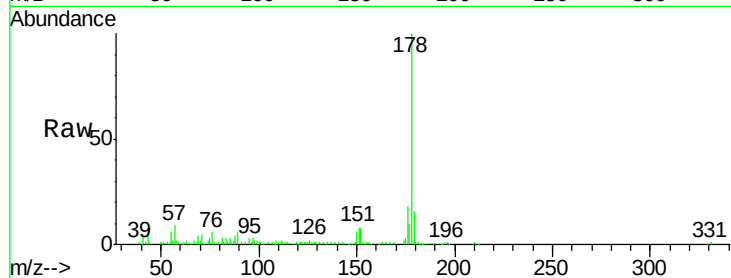
#71
 Anthracene
 Concen: 3.04 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.5	24.7
179	16.0	13.2	19.8

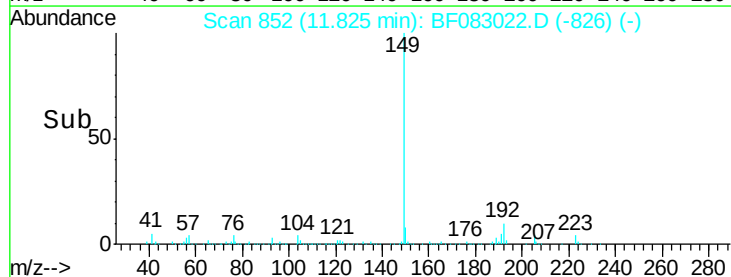
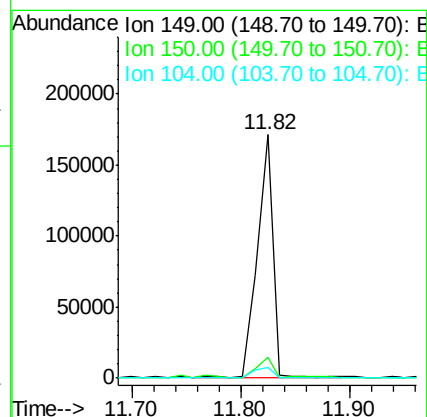
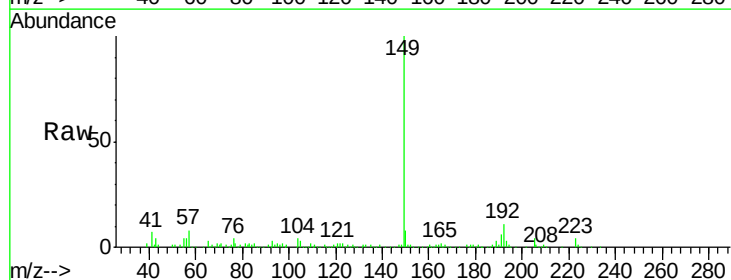
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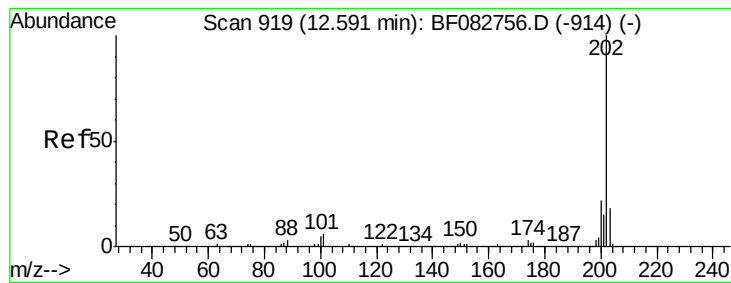
Mmdadoda
 11/19/2015 6:44:48 PM



#73
 Di-n-butylphthalate
 Concen: 5.95 ng
 RT: 11.82 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.5	8.1	12.1
104	4.1	5.2	7.8





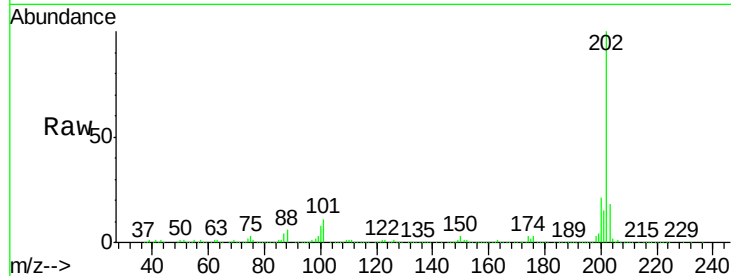
#74
 Fluoranthene
 Concen: 28.73 ng
 RT: 12.45 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

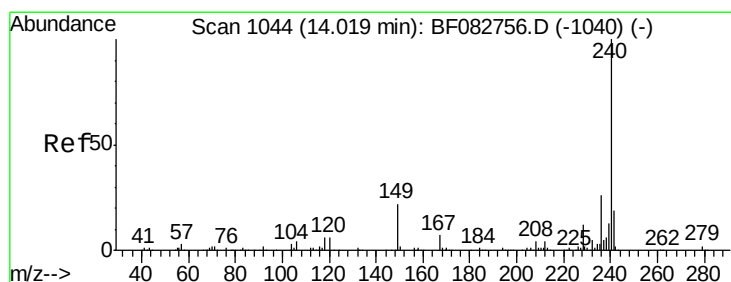
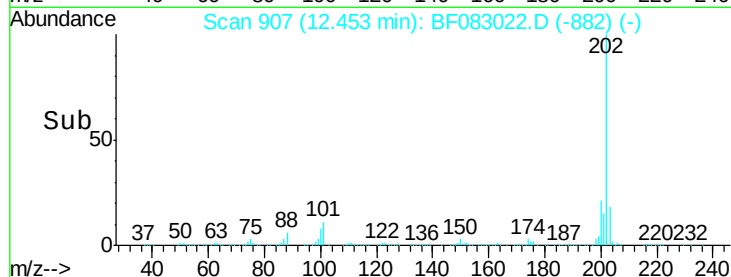
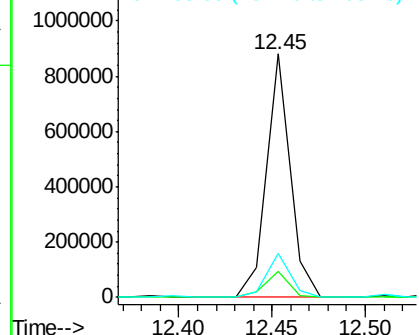
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	0.0	30.5
203	18.2	0.0	38.5

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 11/19/2015 6:44:48 PM

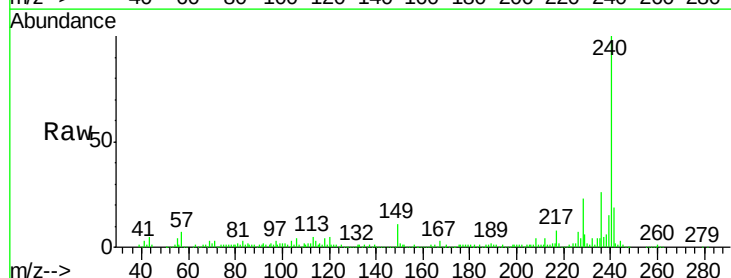


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

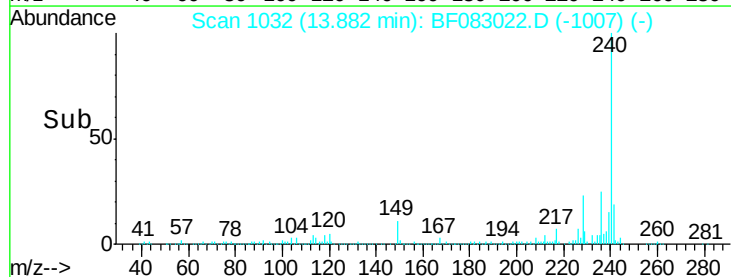
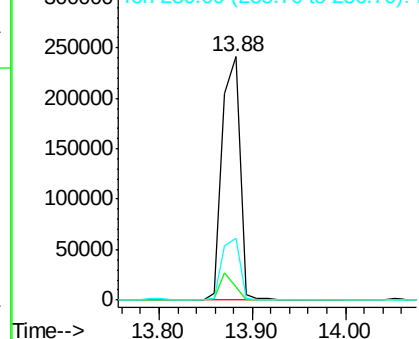


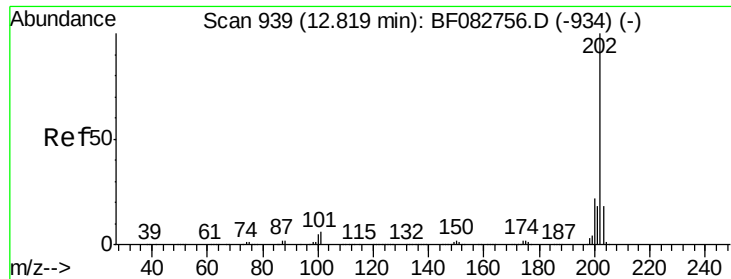
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.3	10.9	16.3#
236	25.5	21.6	32.4



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





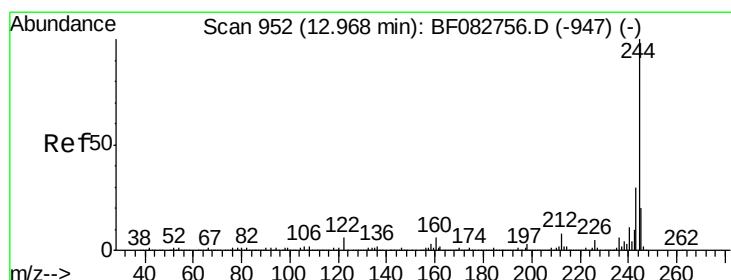
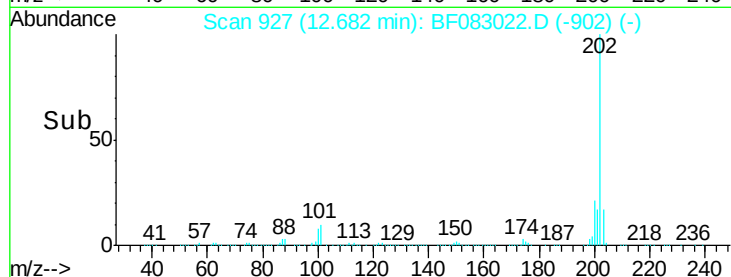
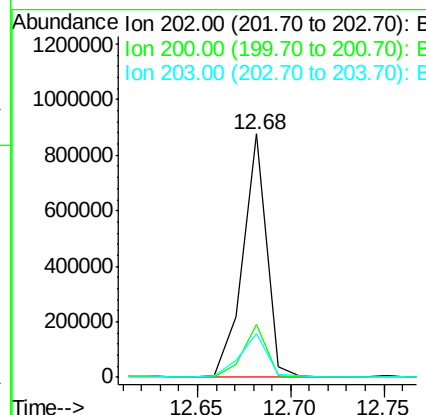
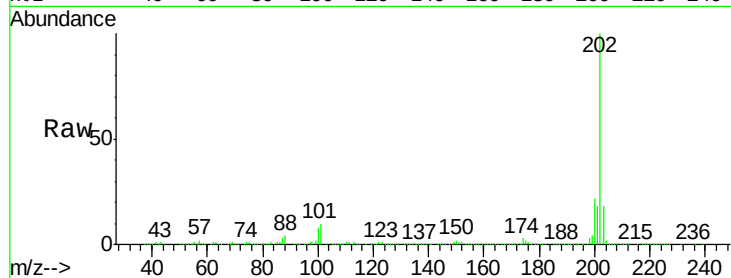
#77
Pyrene
Concen: 36.01 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	18.7	28.1
203	17.9	14.8	22.2

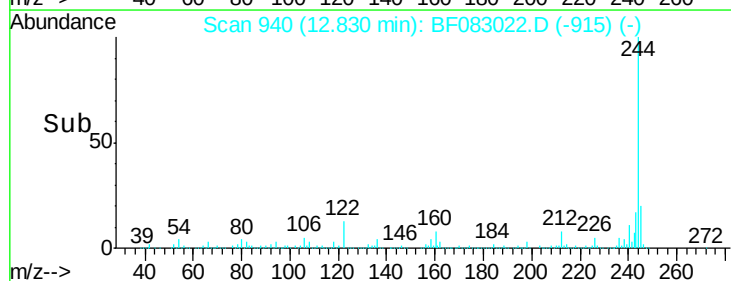
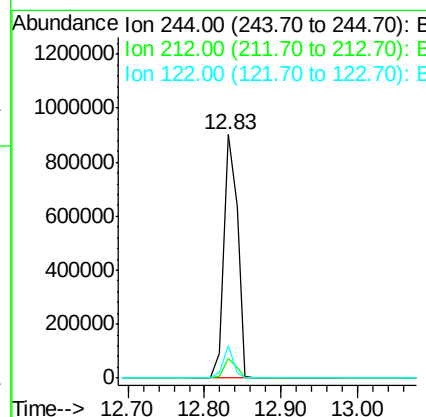
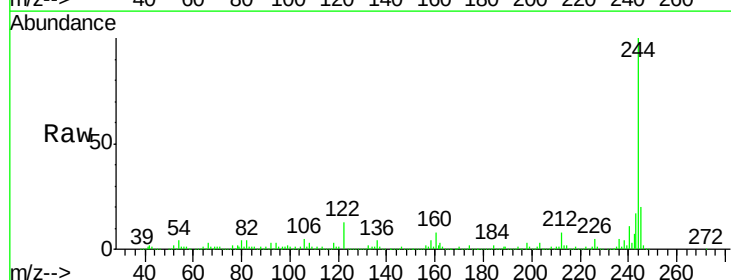
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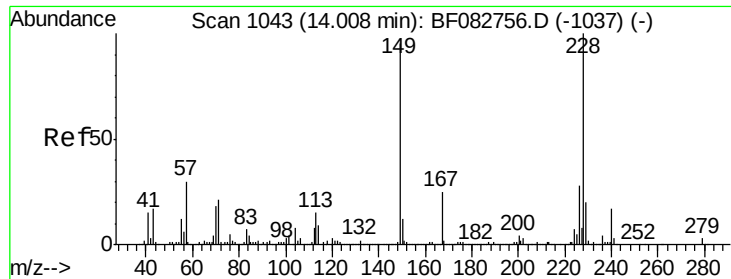
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11/19/2015 6:44:48 PM



#78
Terphenyl-d14
Concen: 84.08 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.0	7.6	11.4
122	13.1	11.3	16.9





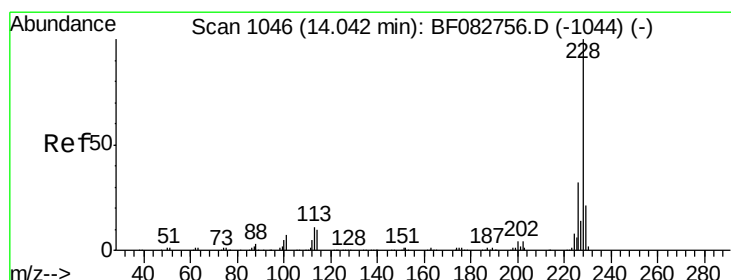
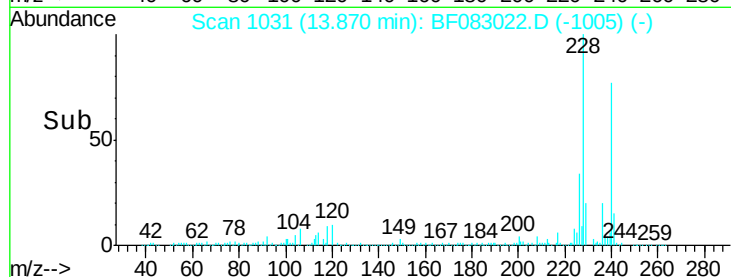
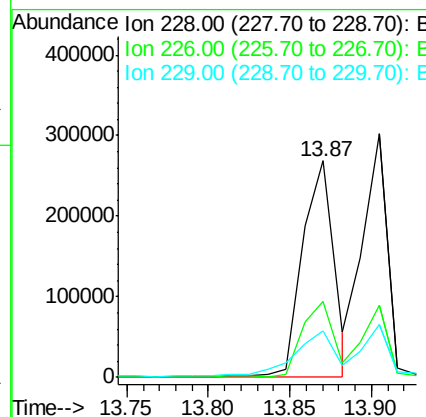
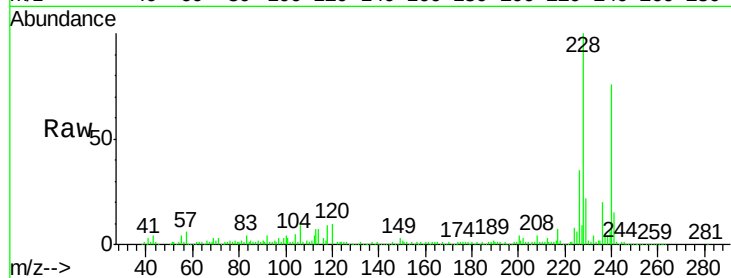
#80
Benzo(a)anthracene
Concen: 18.20 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.4	35.2
229	21.7	16.3	24.5

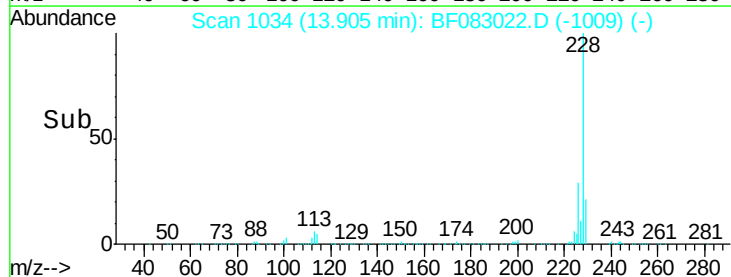
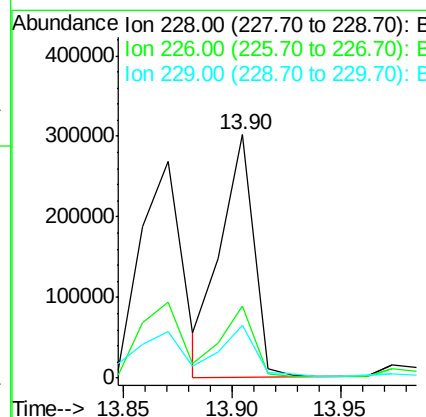
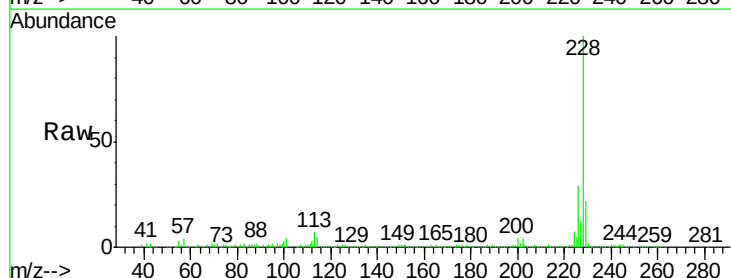
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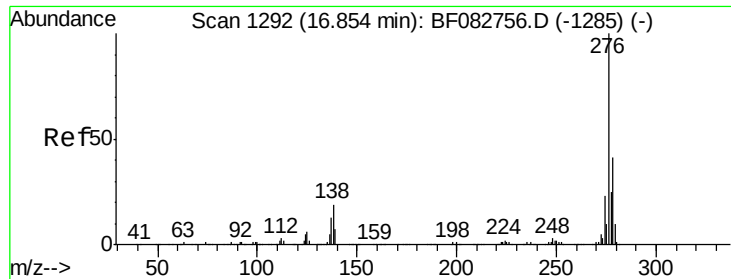
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11/19/2015 6:44:48 PM



#82
Chrysene
Concen: 17.49 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.5	38.3
229	21.9	16.3	24.5





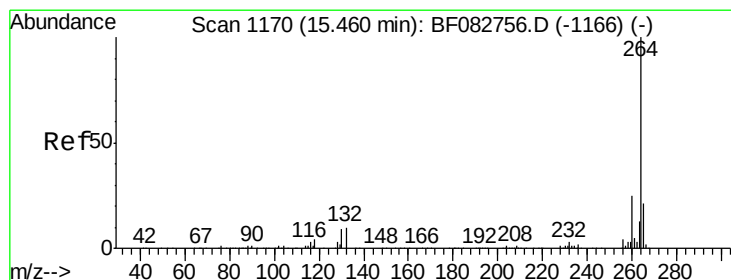
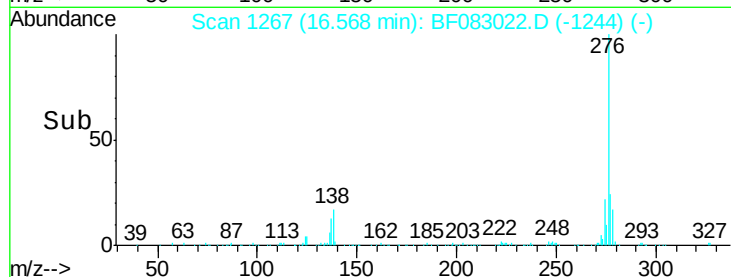
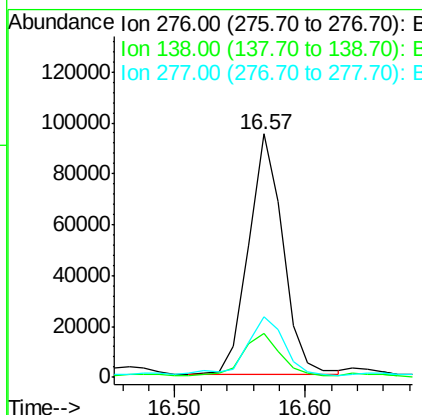
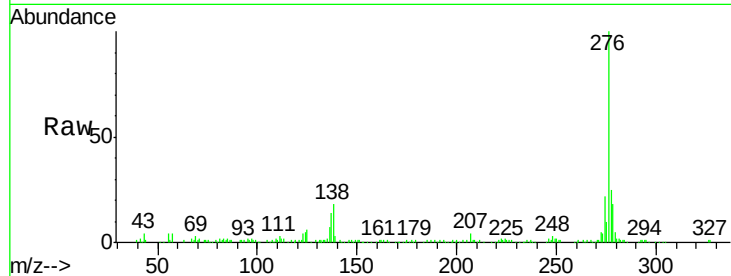
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.97 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.3	22.9
277	27.4	20.2	30.4

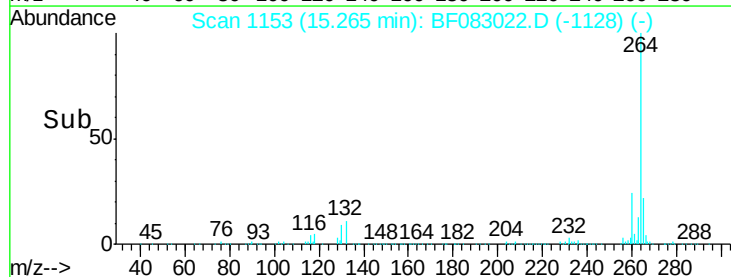
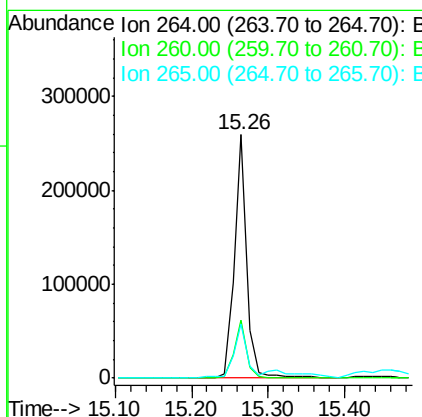
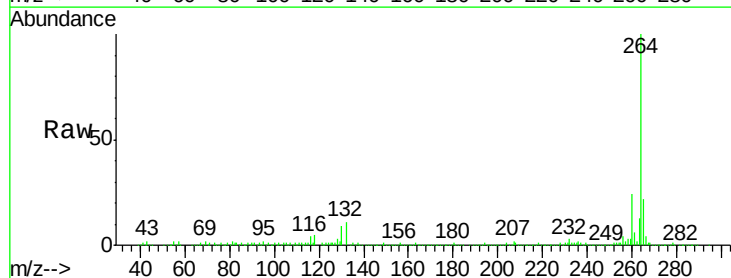
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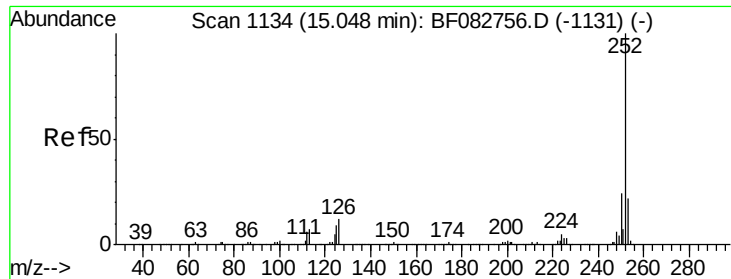
Mmdadoda
11/19/2015 6:44:48 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 18.23 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF083022.D

Acq: 18 Nov 2015 21:56

Instrument :

BNA_F

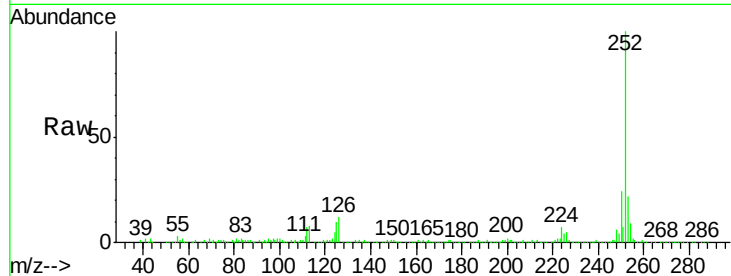
ClientSampleId :

TEC-C1

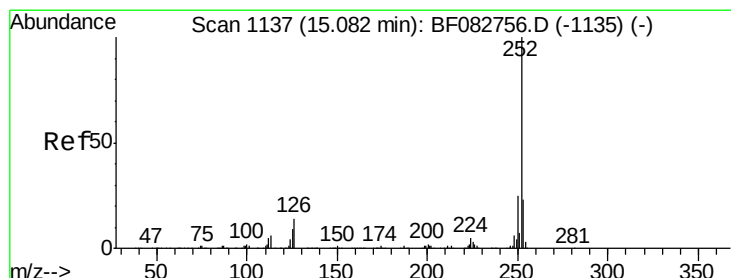
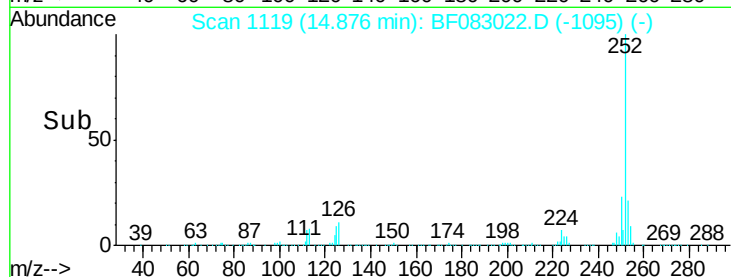
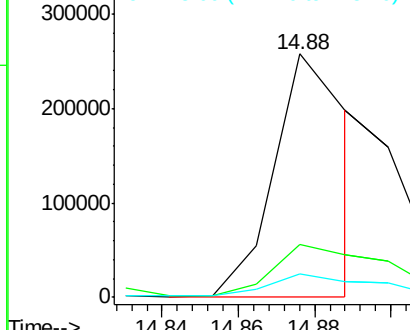
Tgt Ion:	252	Resp:	351406
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.8
125	9.7	5.4	8.2#

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11/19/2015 6:44:48 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 8.68 ng m

RT: 14.89 min Scan# 1120

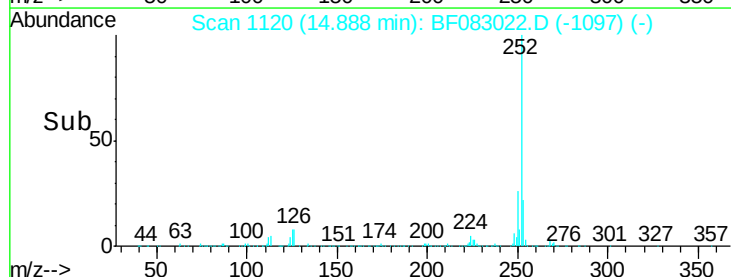
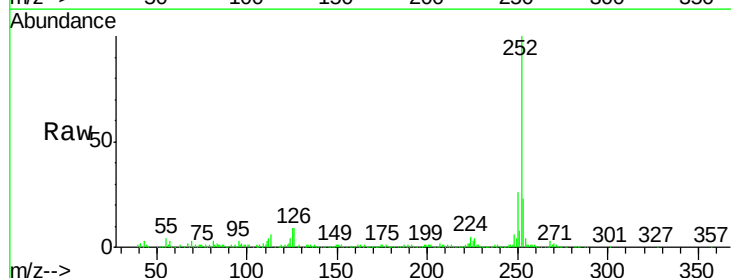
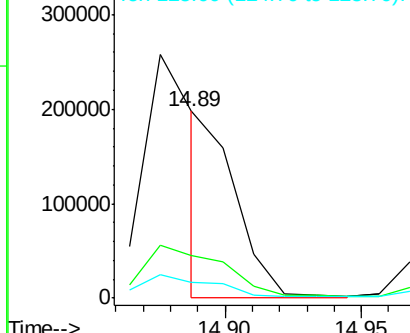
Delta R.T. -0.03 min

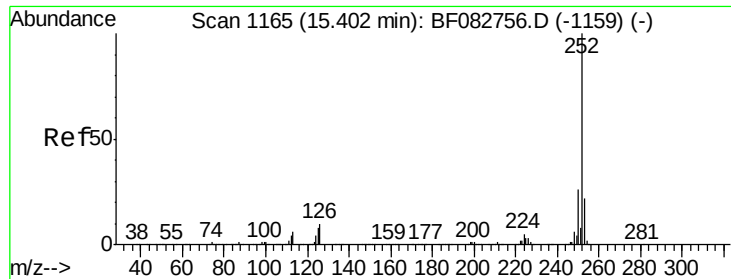
Lab File: BF083022.D

Acq: 18 Nov 2015 21:56

Tgt Ion:	252	Resp:	148446
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	8.8	3.5	5.3#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





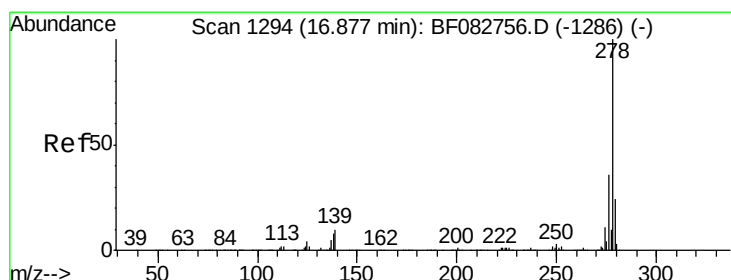
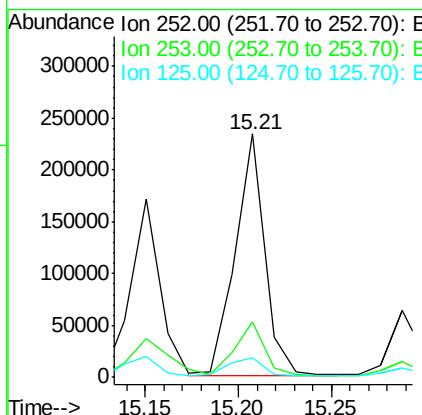
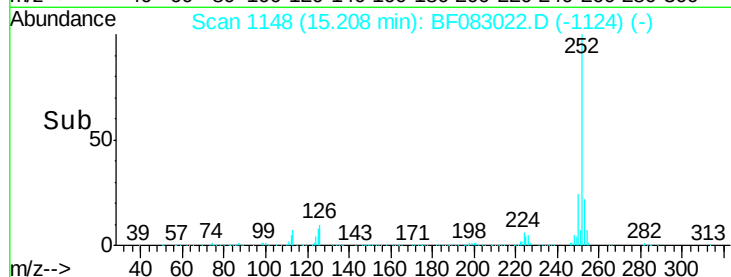
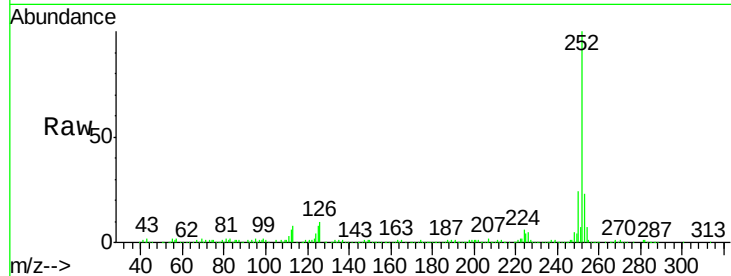
#89
Benzo(a)pyrene
Concen: 15.37 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	17.3	25.9
125	8.2	7.1	10.7

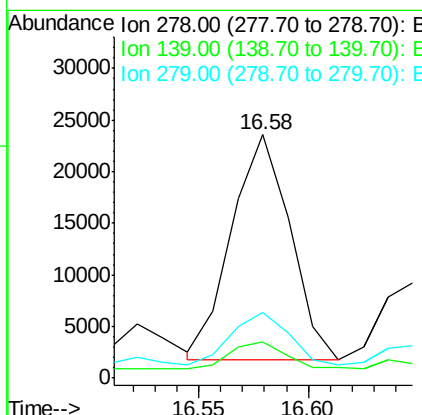
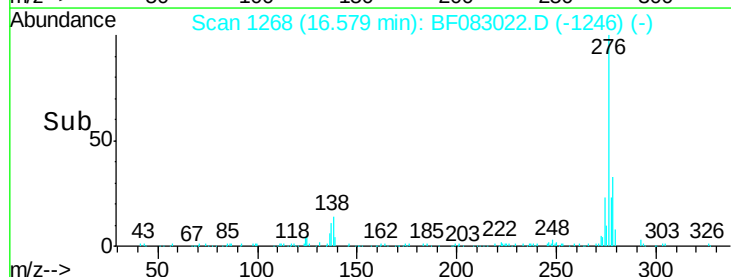
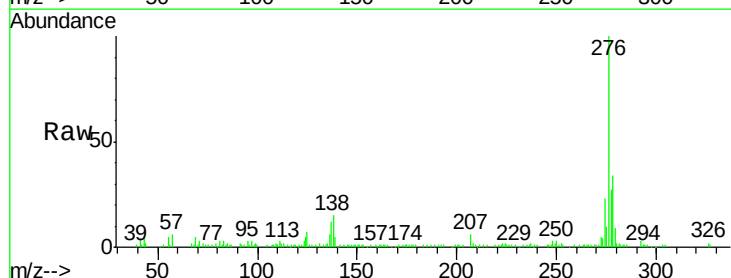
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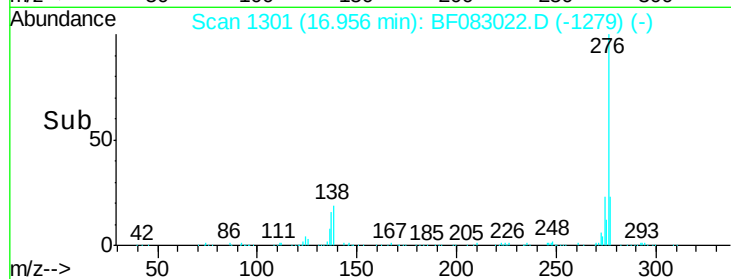
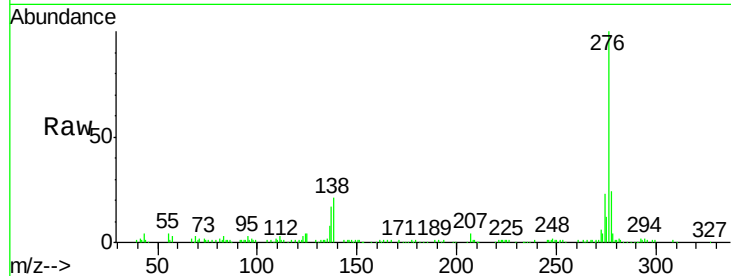
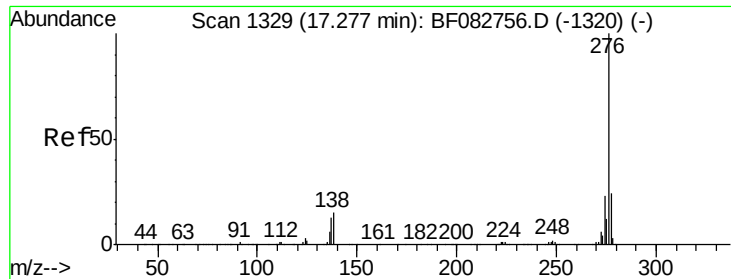
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 2.88 ng m
RT: 16.58 min Scan# 1268
Delta R.T. -0.05 min
Lab File: BF083022.D
Acq: 18 Nov 2015 21:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.1	9.9	14.9#
279	26.9	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 12.55 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.05 min
 Lab File: BF083022.D
 Acq: 18 Nov 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	20.5	13.1	19.7

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 11/19/2015 6:44:48 PM

