

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080872.D
 Acq On : 5 Aug 2015 9:38
 Operator : TP/UM
 Sample : G3090-03RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315RE

Manual Integrations
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 8/5/2015 7:01:37 PM

Quant Time: Aug 05 15:23:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	73782	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	252393	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	100921	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	166430	20.00	ng	0.00
75) Chrysene-d12	13.96	240	117412	20.00	ng	0.00
86) Perylene-d12	15.38	264	177216	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	536651	110.08	ng	0.01
7) Phenol-d6	6.46	99	831358	130.45	ng	0.01
23) Nitrobenzene-d5	7.39	82	480723	89.76	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	92969	95.53	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	596570	79.60	ng	0.00
78) Terphenyl-d14	12.92	244	398523	61.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	123989	16.85	ng	99
51) Acenaphthene	9.88	154	15457	2.16	ng	98
70) Phenanthrene	11.36	178	262111	27.26	ng	99
71) Anthracene	11.40	178	56696	6.07	ng	97
72) Carbazole	11.56	167	34572	3.92	ng	98
74) Fluoranthene	12.54	202	442053	47.20	ng	100
77) Pyrene	12.77	202	374995	35.60	ng	99
80) Benzo(a)anthracene	13.95	228	219668	27.97	ng	98
82) Chrysene	13.99	228	158835	19.84	ng	96
85) Indeno(1,2,3-cd)pyrene	16.74	276	181900	27.68	ng	93
87) Benzo(b)fluoranthene	14.98	252	333061m	25.13	ng	
88) Benzo(k)fluoranthene	15.00	252	126762m	12.42	ng	
89) Benzo(a)pyrene	15.32	252	256801	23.74	ng	# 95
90) Dibenzo(a,h)anthracene	16.75	278	45828	4.88	ng	94
91) Benzo(g,h,i)perylene	17.15	276	164105	18.06	ng	99

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

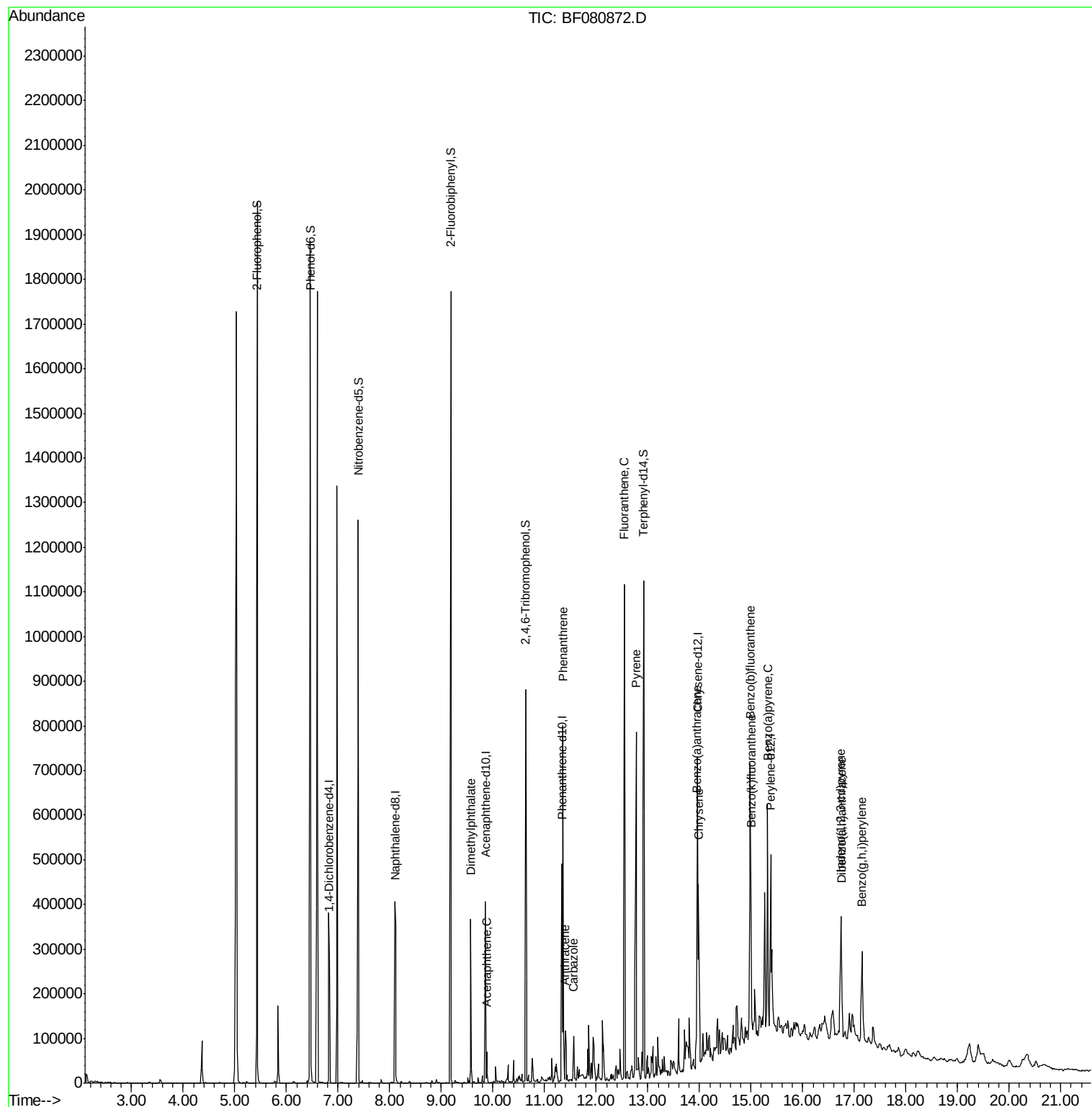
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080872.D
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ALS Vial : 30 Sample Multiplier: 1

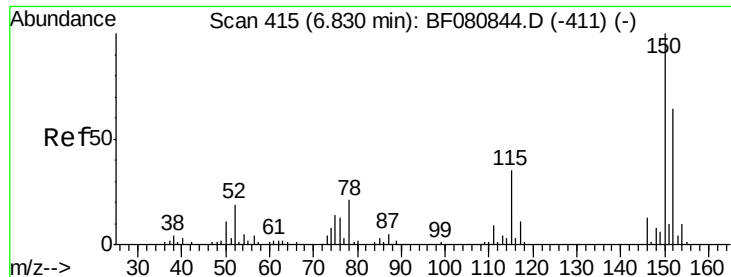
Instrument :
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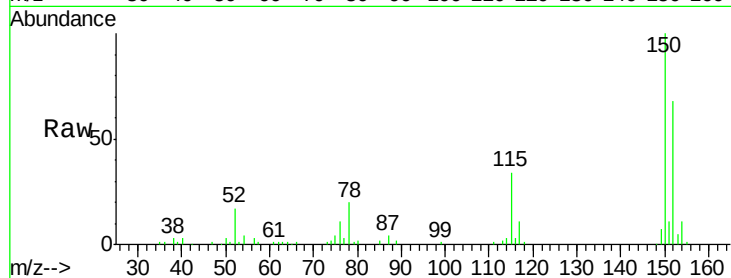




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

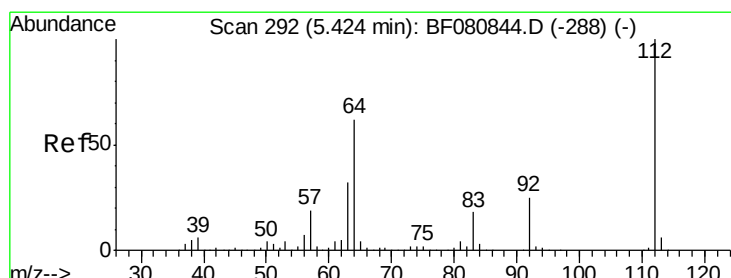
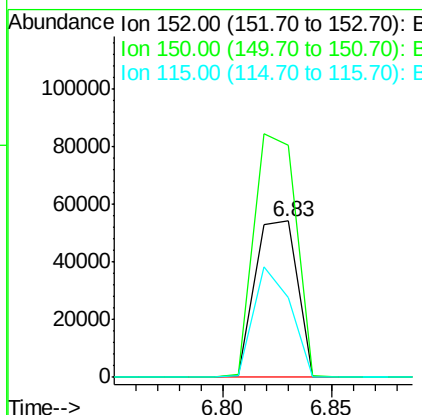
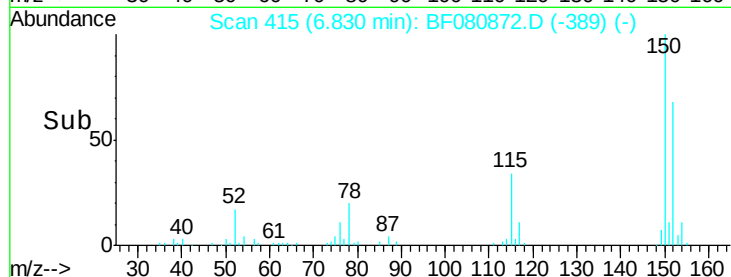
Instrument :
BNA_F
ClientSampleId :
WCS3-072315RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.0	124.6	187.0
115	50.7	44.2	66.4

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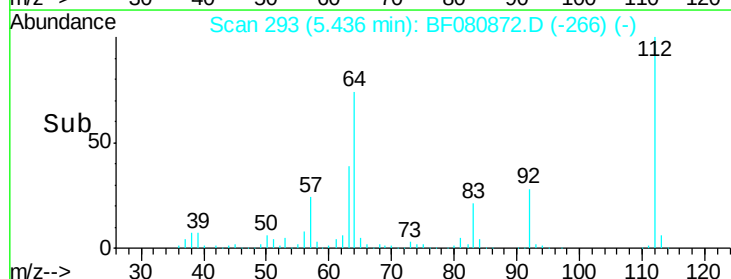
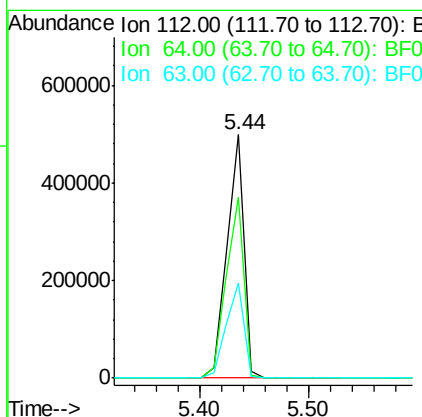
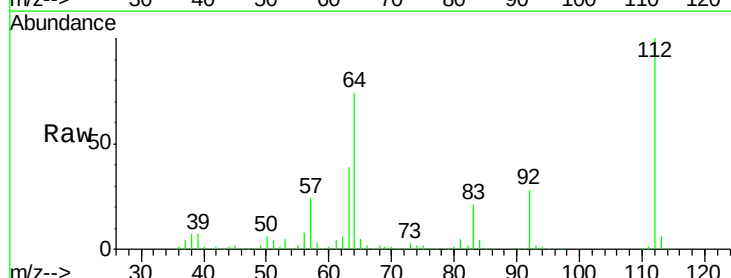
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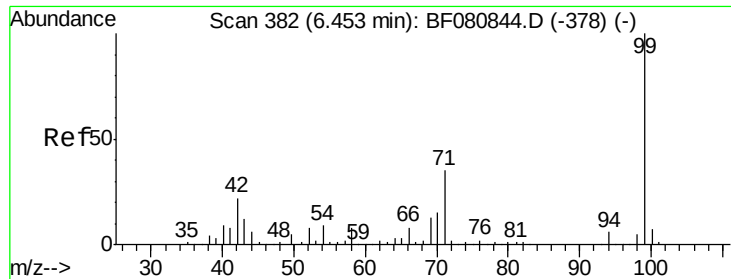


#5

2-Fluorophenol
Concen: 110.08 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	49.5	74.3
63	39.0	25.3	37.9#





#7

Phenol-d6

Concen: 130.45 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080872.D

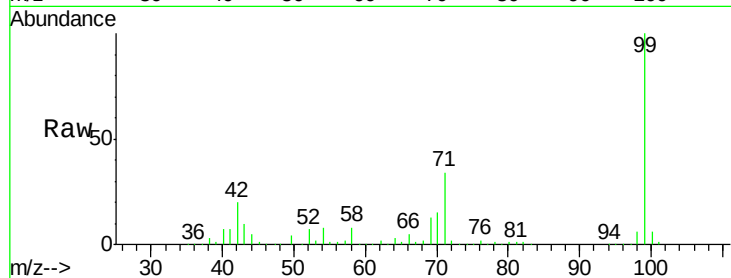
Acq: 5 Aug 2015 9:38

Instrument :

BNA_F

ClientSampleId :

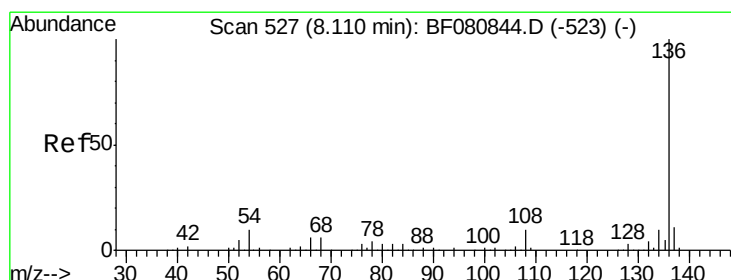
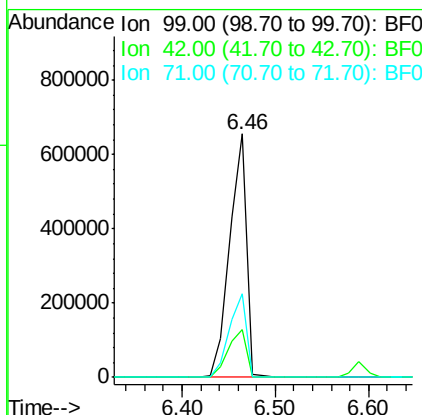
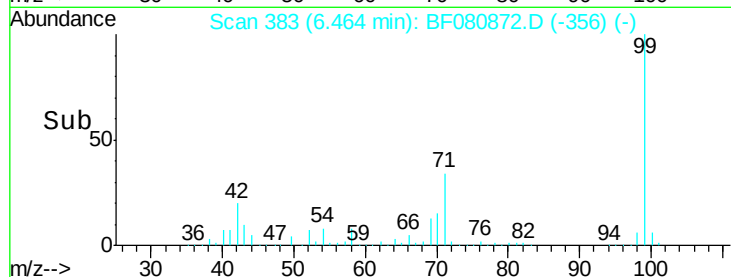
WCS3-072315RE



Tgt Ion:	99	Resp:	831358
Ion Ratio	Lower	Upper	
99	100		
42	19.6	17.9	26.9
71	34.2	28.2	42.4

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#21

Naphthalene-d8

Concen: 20.00 ng

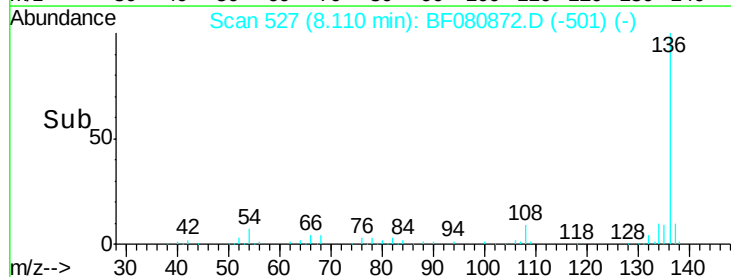
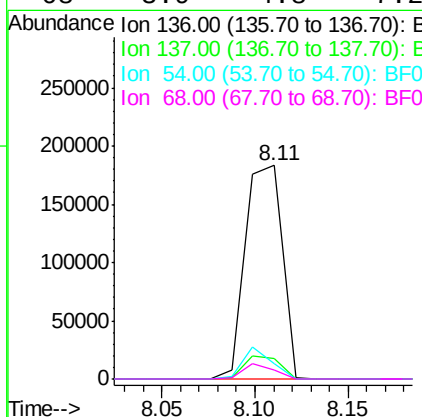
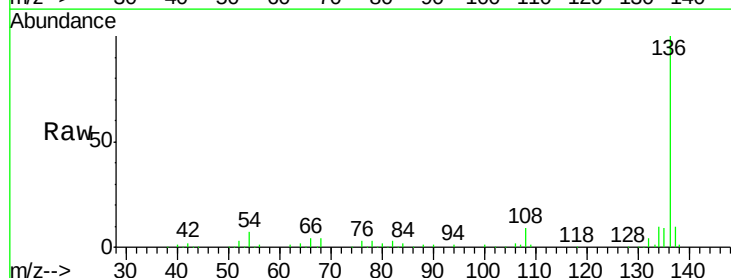
RT: 8.11 min Scan# 527

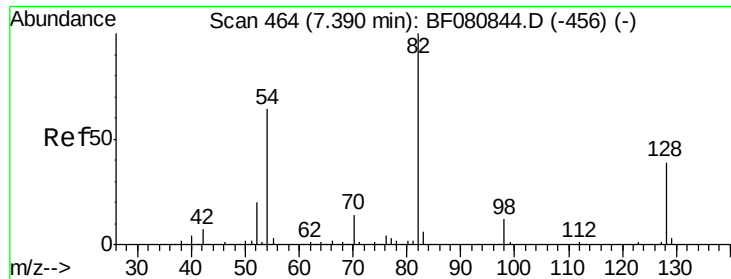
Delta R.T. -0.00 min

Lab File: BF080872.D

Acq: 5 Aug 2015 9:38

Tgt Ion:	136	Resp:	252393
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.6	13.0
54	7.1	8.3	12.5#
68	3.9	4.8	7.2#





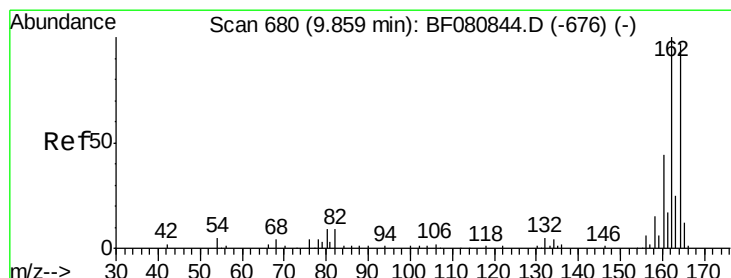
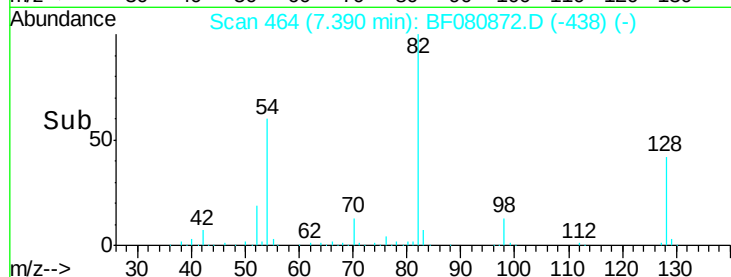
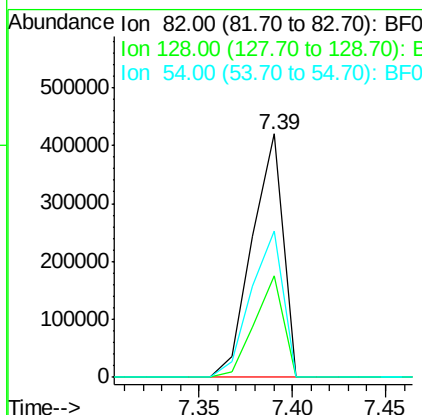
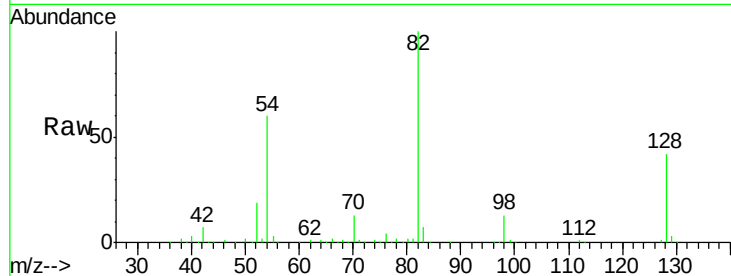
#23
 Nitrobenzene-d5
 Concen: 89.76 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.6	31.0	46.4
54	60.1	51.0	76.6

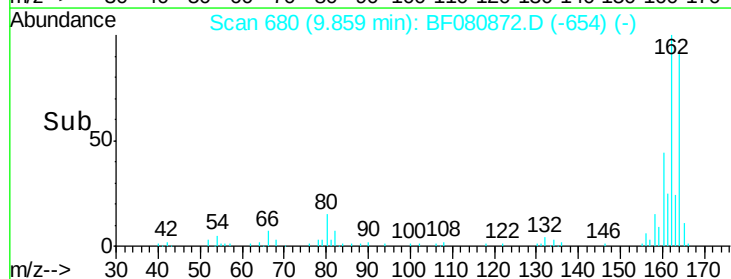
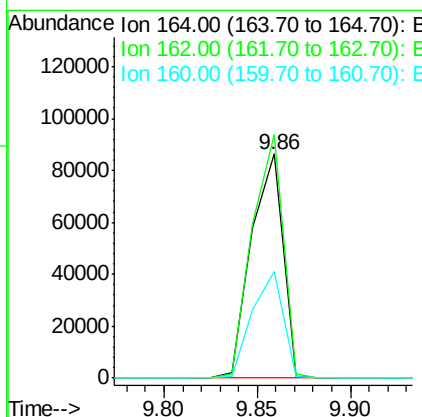
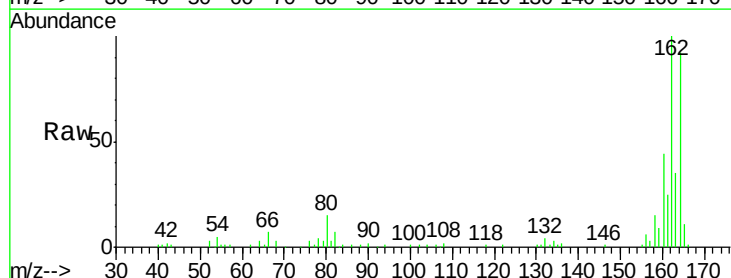
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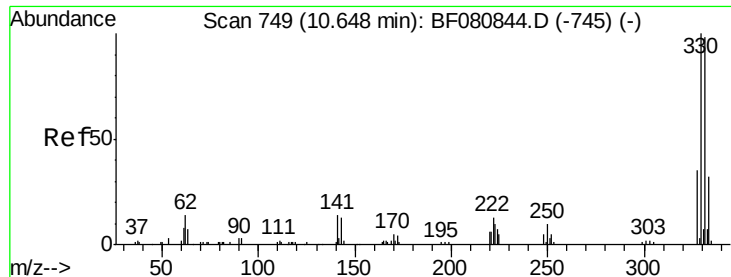
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	108.5	82.9	124.3
160	47.7	36.6	54.8





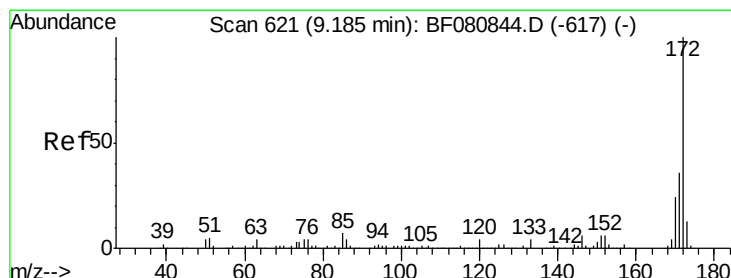
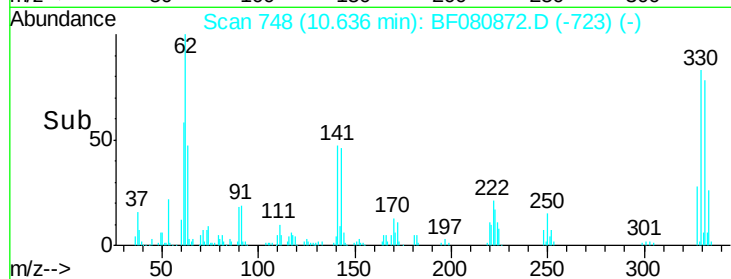
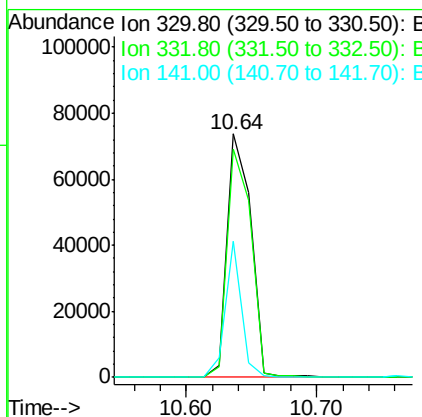
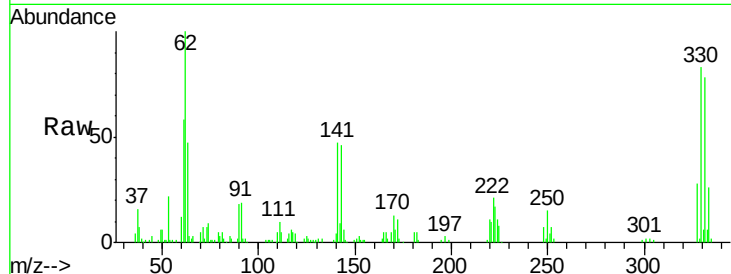
#41
 2,4,6-Tribromophenol
 Concen: 95.53 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	92969		
332	94.5	77.8	116.8	
141	38.5	28.4	42.6	

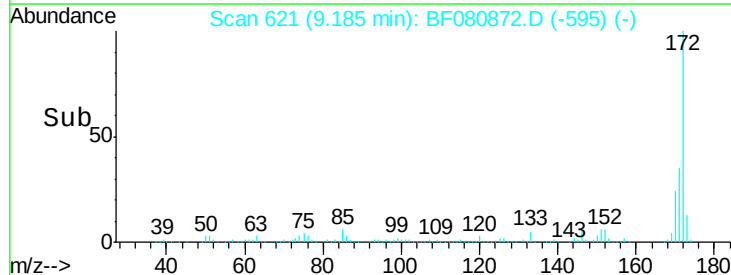
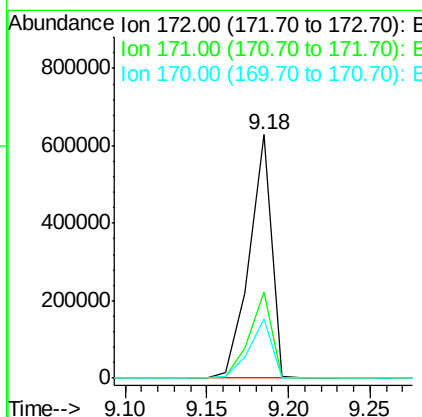
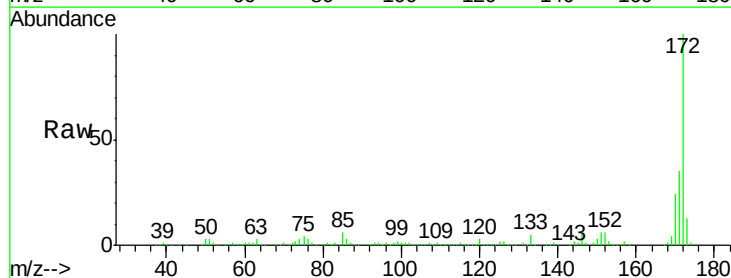
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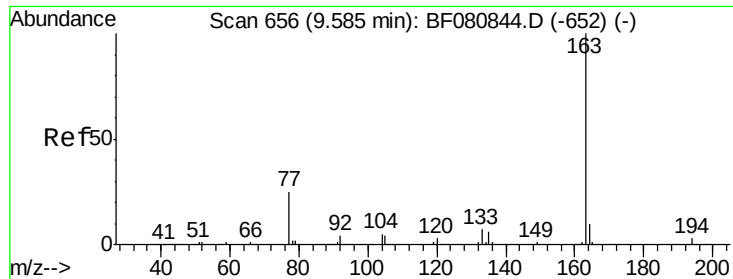
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#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	596570		
171	35.4	28.9	43.3	
170	24.2	19.4	29.2	





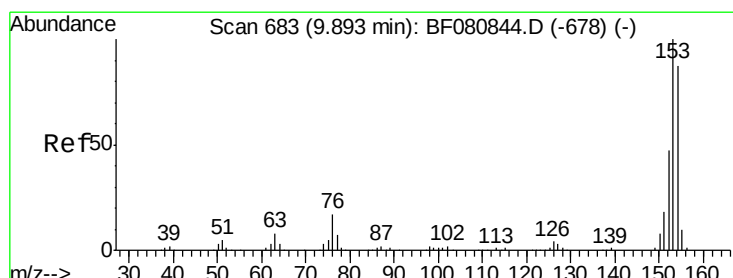
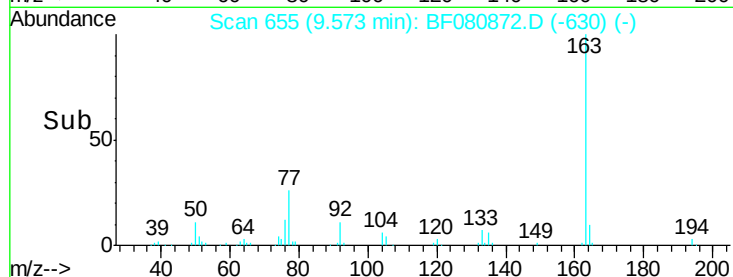
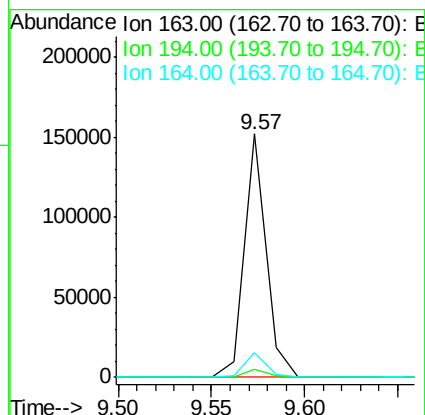
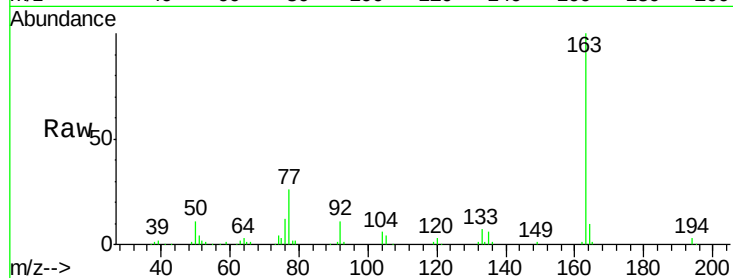
#49
Dimethylphthalate
Concen: 16.85 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Instrument :
BNA_F
ClientSampleId :
WCS3-072315RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.2	12.4

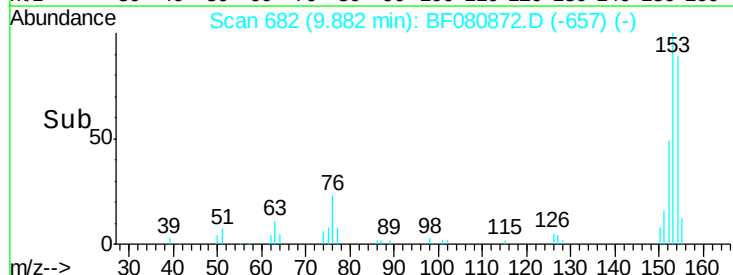
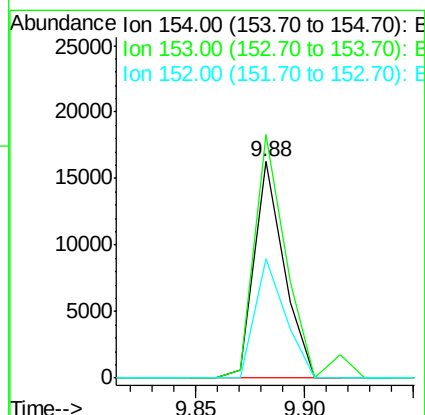
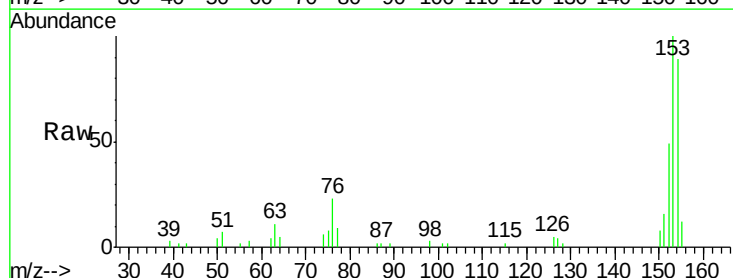
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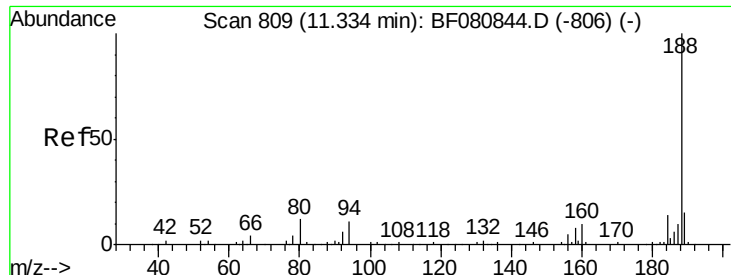
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#51
Acenaphthene
Concen: 2.16 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.4	91.8	137.6
152	55.0	43.2	64.8





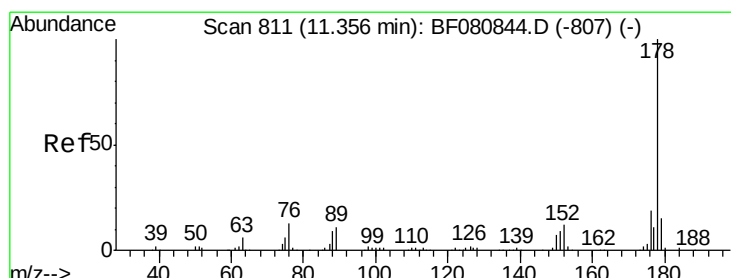
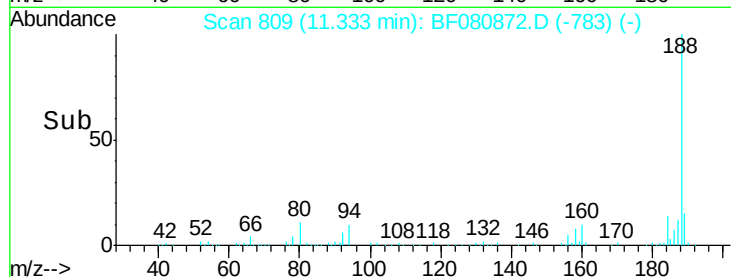
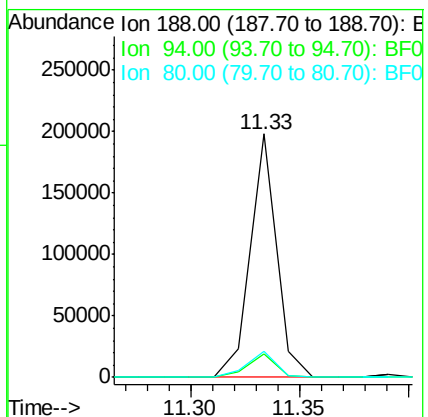
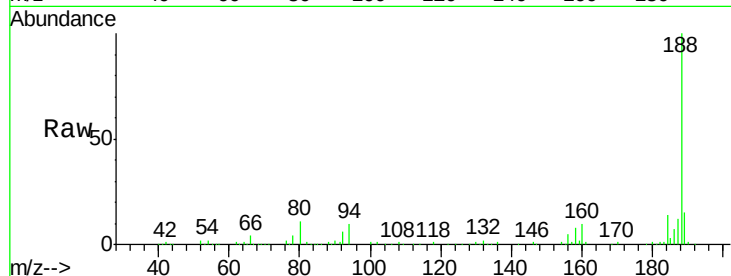
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Instrument :
BNA_F
ClientSampleId :
WCS3-072315RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.6	12.8
80	10.5	9.3	13.9

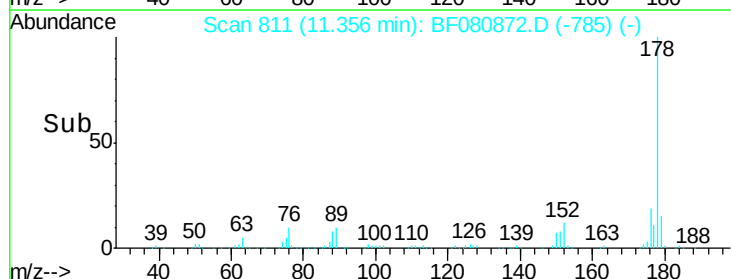
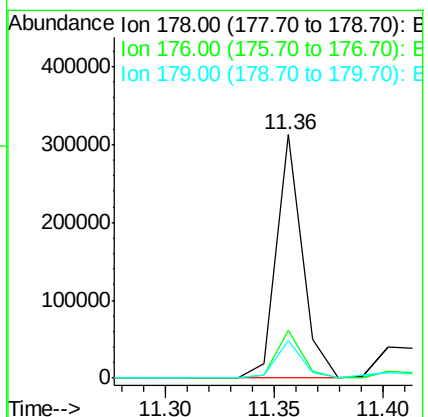
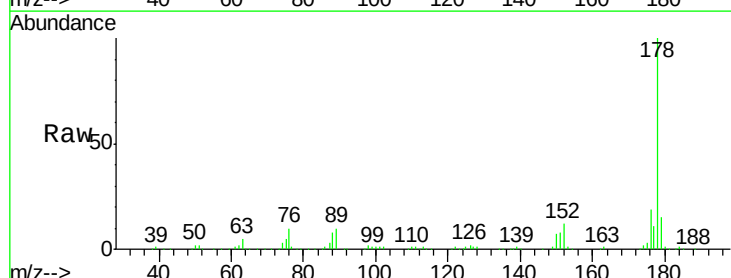
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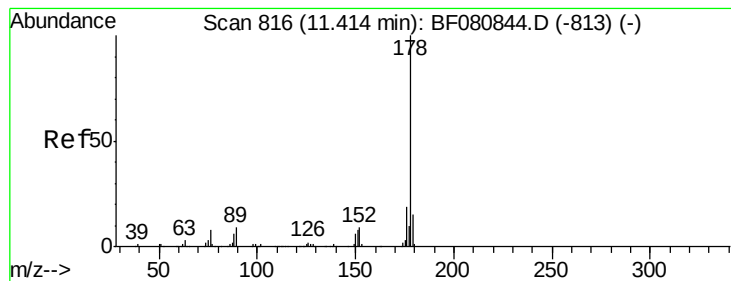
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#70
Phenanthrene
Concen: 27.26 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	15.3	22.9
179	15.3	12.3	18.5





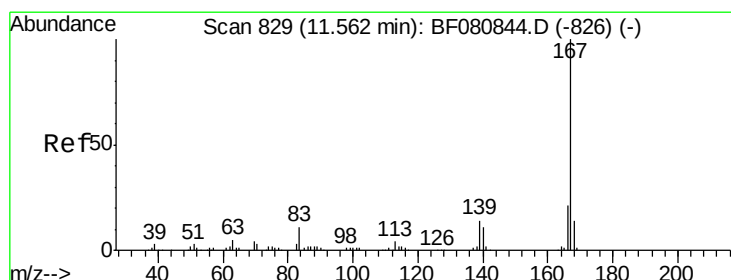
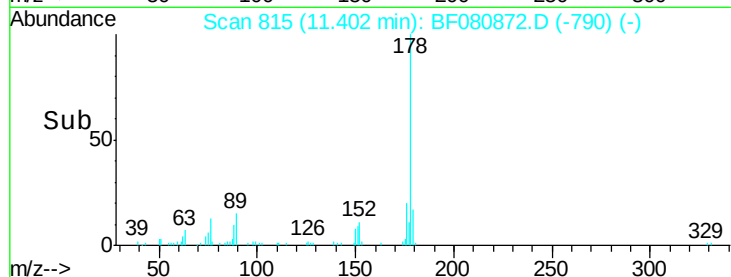
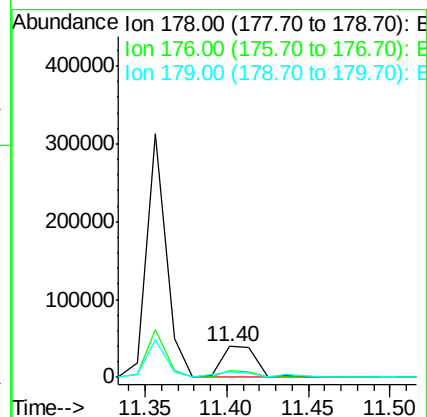
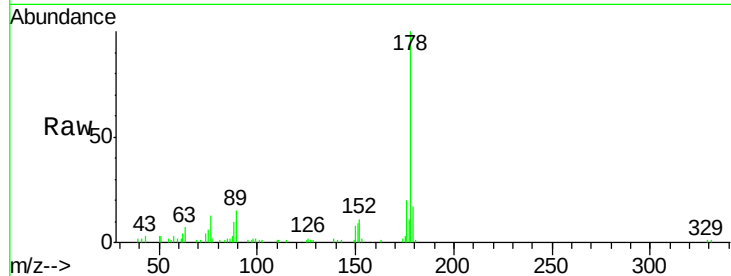
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 Anthracene
 Concen: 6.07 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.6	12.2	18.4

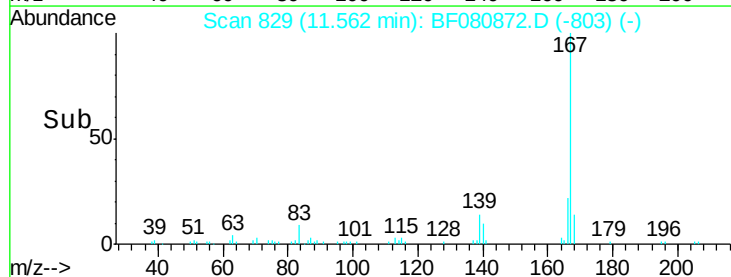
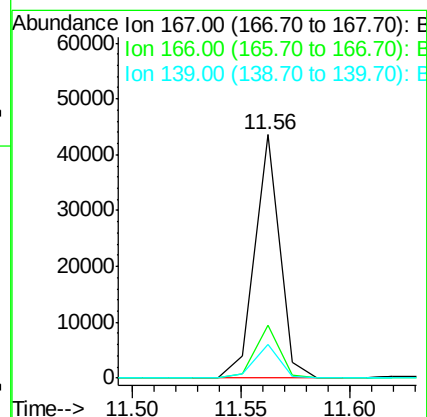
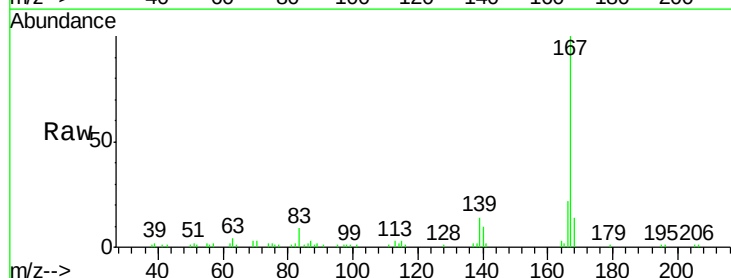
Manual Integrations
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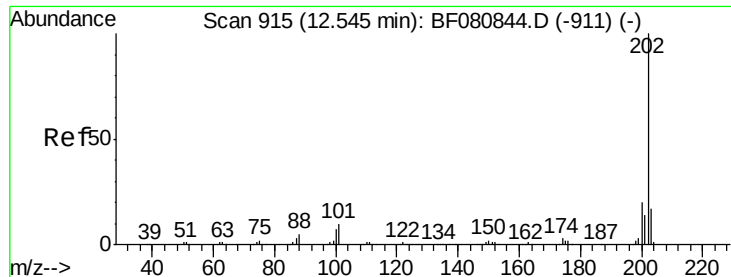
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#72
 Carbazole
 Concen: 3.92 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.6	25.0
139	13.9	11.3	16.9





#74

Fluoranthene

Concen: 47.20 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF080872.D

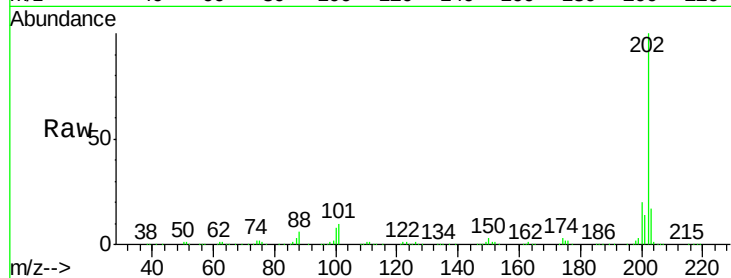
Acq: 5 Aug 2015 9:38

Instrument :

BNA_F

ClientSampleId :

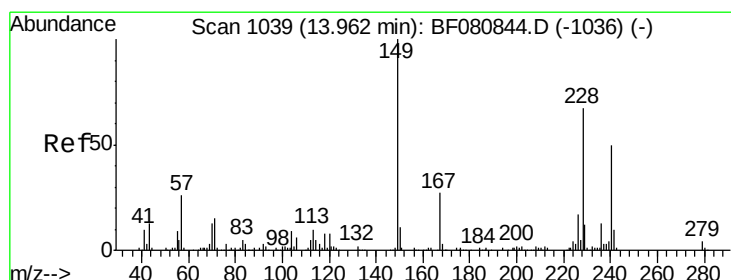
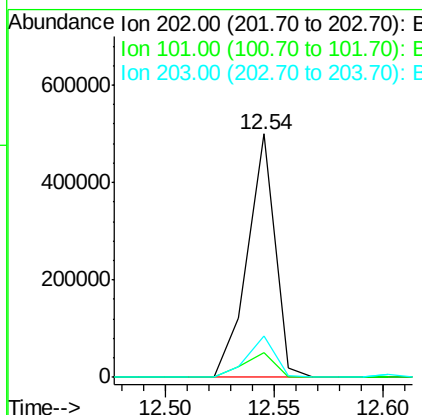
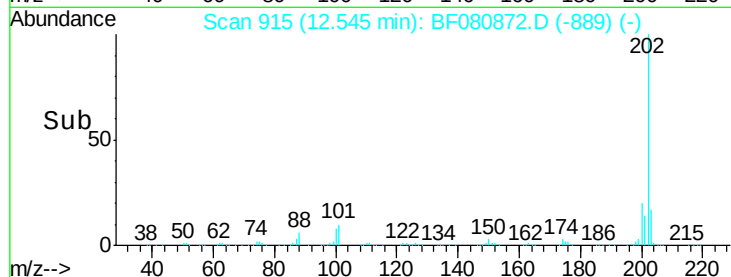
WCS3-072315RE



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	442053		
101	10.0	0.0	29.9	
203	17.2	0.0	37.4	

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#75

Chrysene-d12

Concen: 20.00 ng

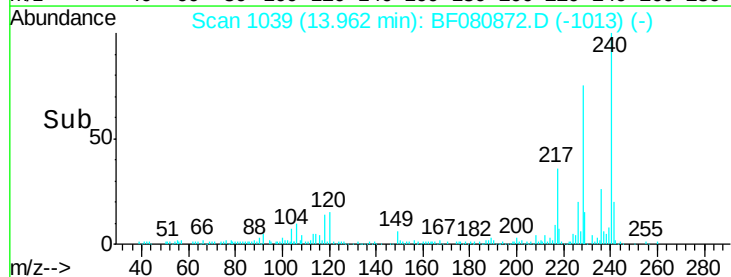
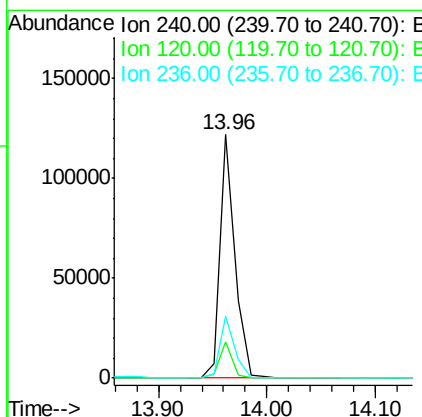
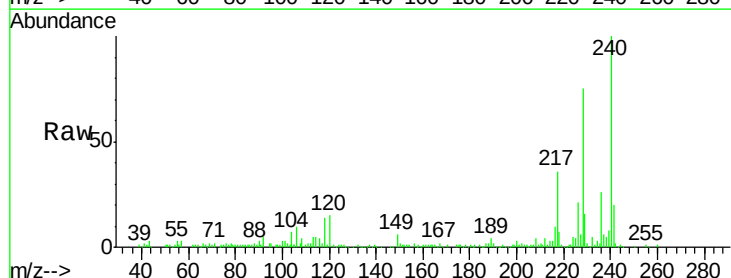
RT: 13.96 min Scan# 1039

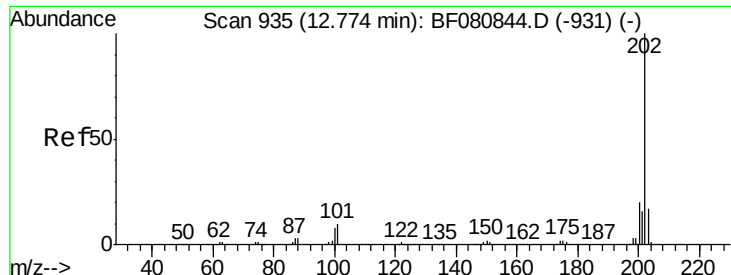
Delta R.T. -0.00 min

Lab File: BF080872.D

Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	117412		
120	14.8	13.0	19.6	
236	25.6	20.7	31.1	





#77

Pyrene

Concen: 35.60 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF080872.D

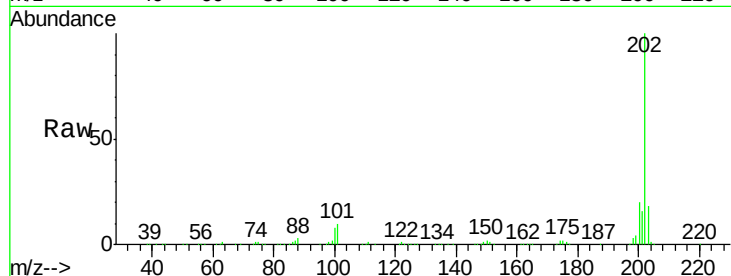
Acq: 5 Aug 2015 9:38

Instrument :

BNA_F

ClientSampleId :

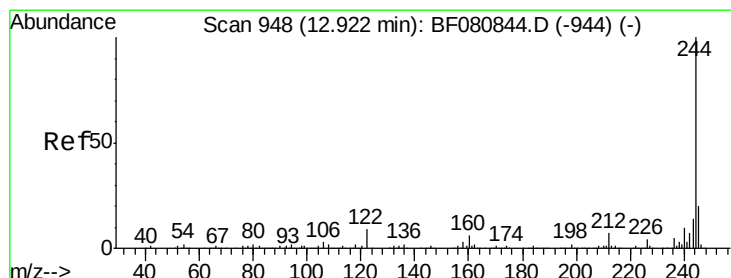
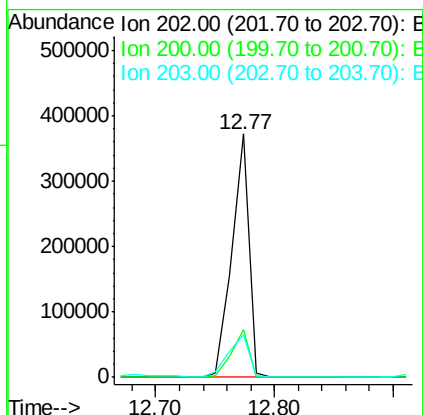
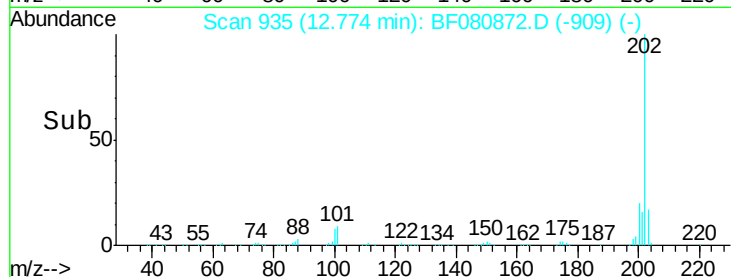
WCS3-072315RE



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	374995		
200	19.9	16.1	24.1	
203	17.6	13.6	20.4	

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#78

Terphenyl-d14

Concen: 61.43 ng

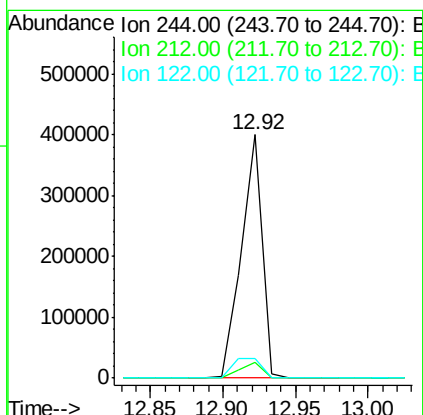
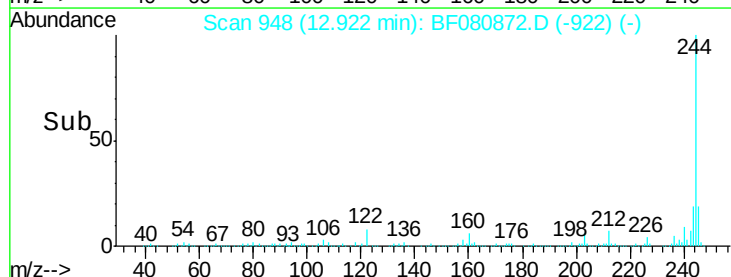
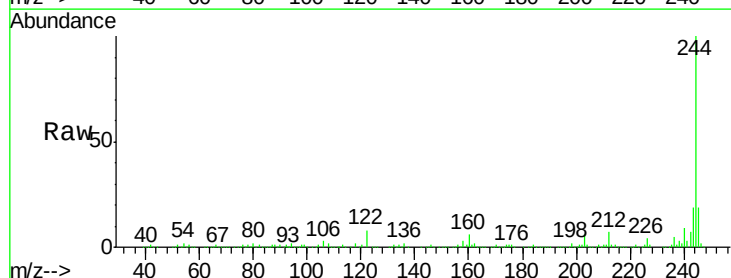
RT: 12.92 min Scan# 948

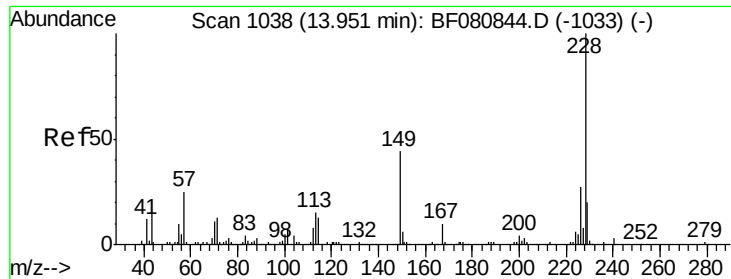
Delta R.T. -0.00 min

Lab File: BF080872.D

Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	398523		
212	6.7	5.5	8.3	
122	7.9	7.1	10.7	





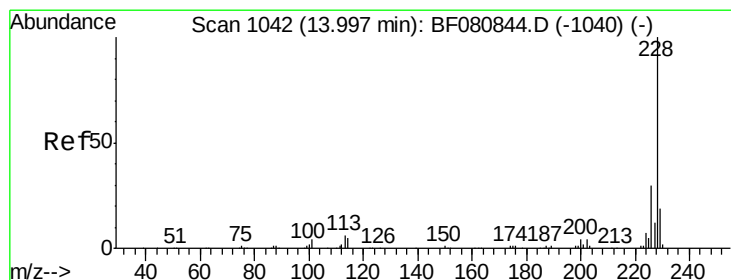
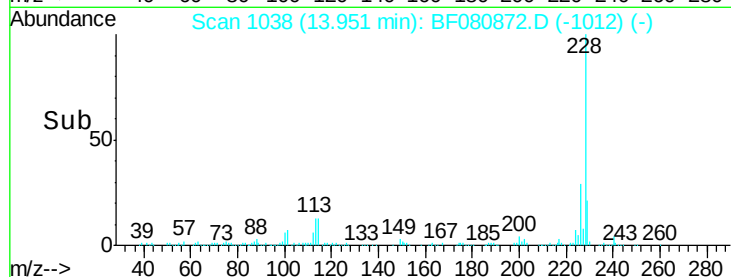
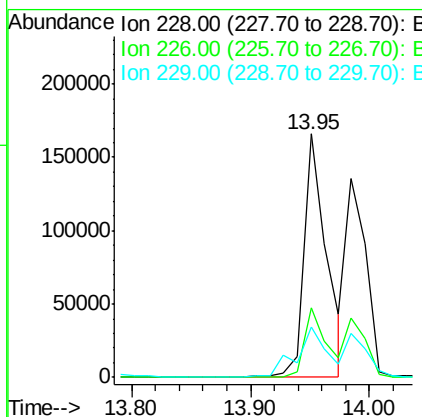
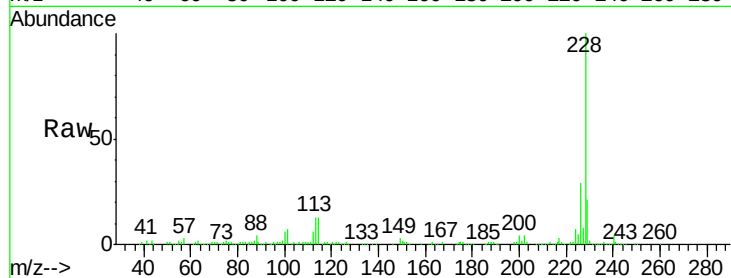
#80
Benzo(a)anthracene
Concen: 27.97 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Instrument :
BNA_F
ClientSampleId :
WCS3-072315RE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.5	32.3
229	20.7	16.2	24.2

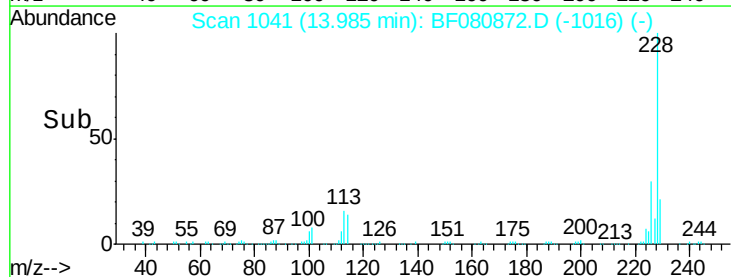
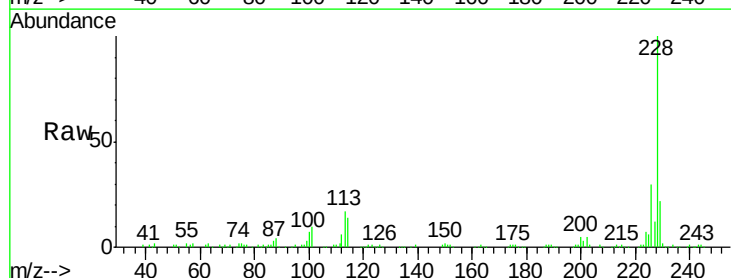
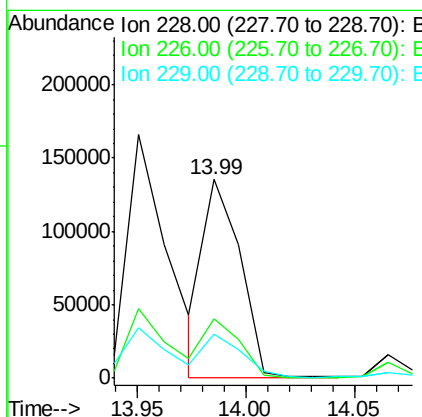
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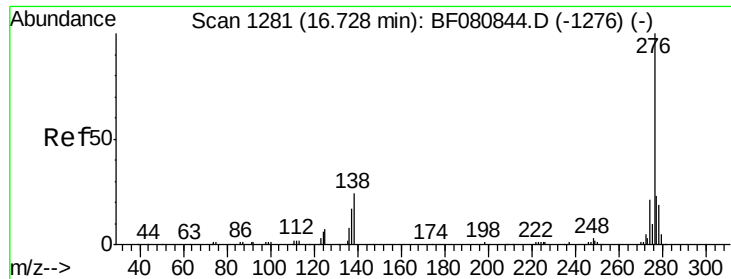
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#82
Chrysene
Concen: 19.84 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF080872.D
Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.6	35.4
229	22.2	15.1	22.7





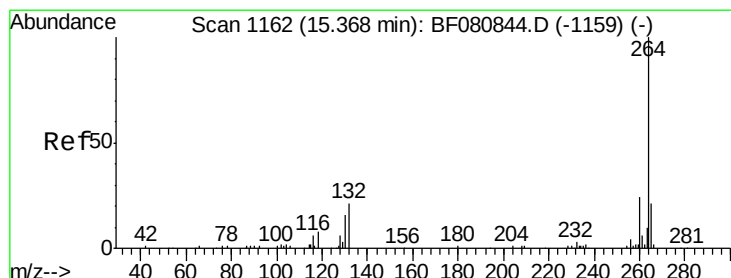
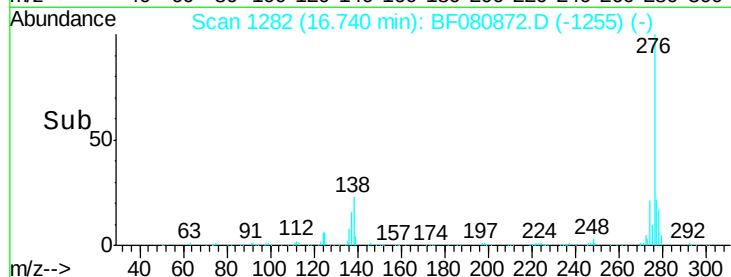
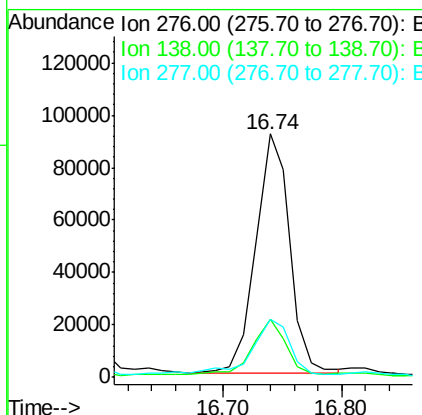
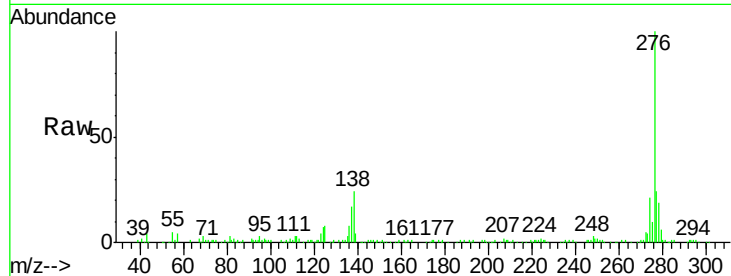
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.68 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315RE

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	181900		
138	23.1	21.6	32.4	
277	27.4	19.6	29.4	

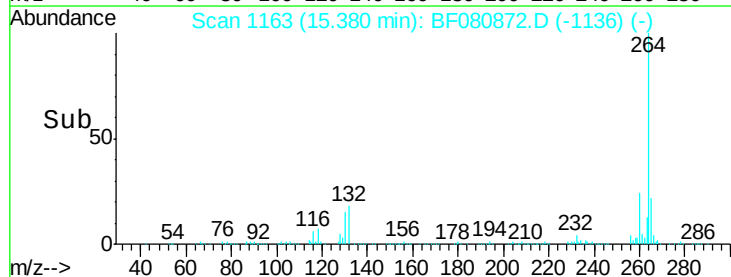
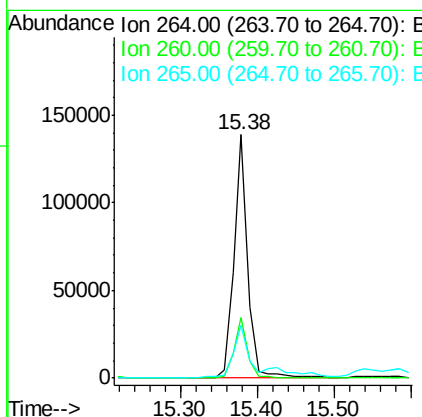
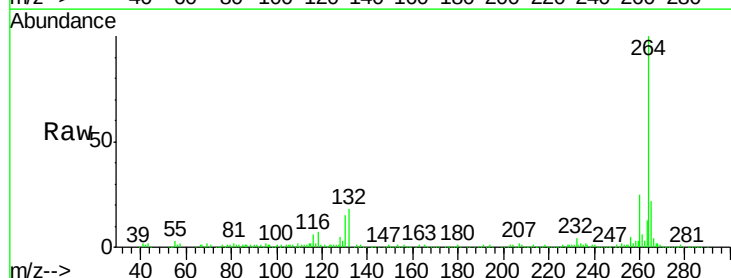
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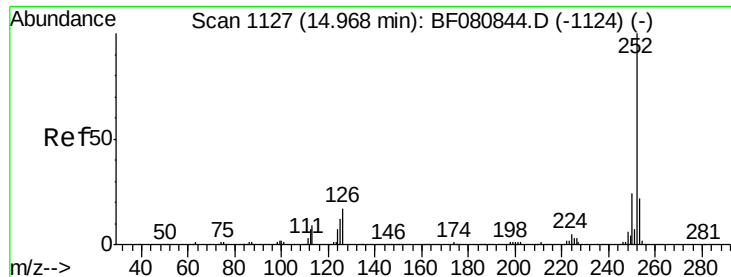
MMDadoda
 8/5/2015 7:01:37 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	177216		
260	24.6	18.9	28.3	
265	21.8	16.8	25.2	





#87

Benzo(b)fluoranthene

Concen: 25.13 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF080872.D

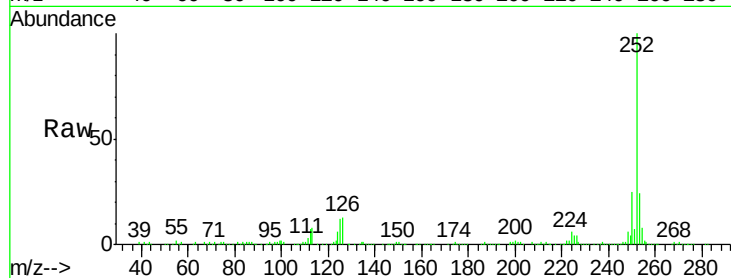
Acq: 5 Aug 2015 9:38

Instrument :

BNA_F

ClientSampleId :

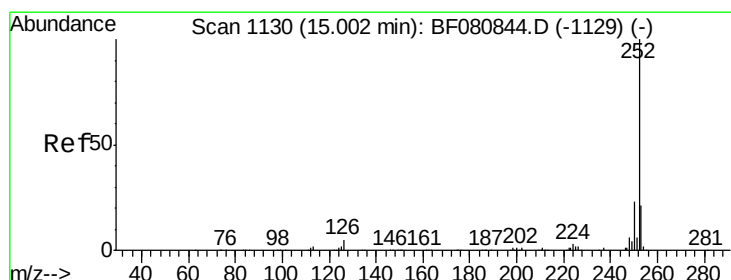
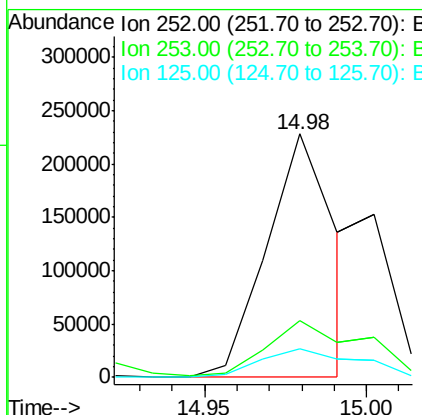
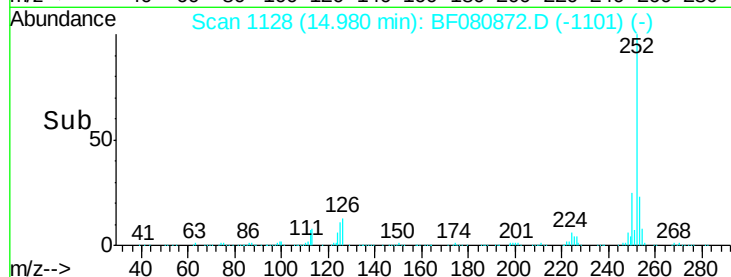
WCS3-072315RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.7	9.8	14.8

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#88

Benzo(k)fluoranthene

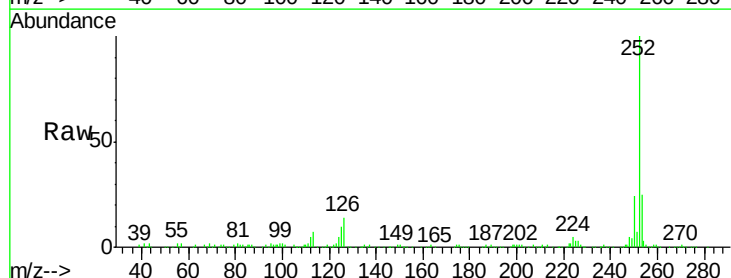
Concen: 12.42 ng m

RT: 15.00 min Scan# 1130

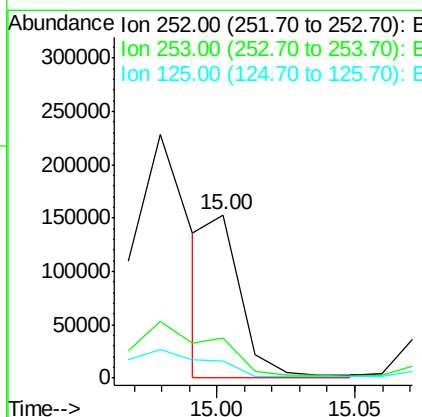
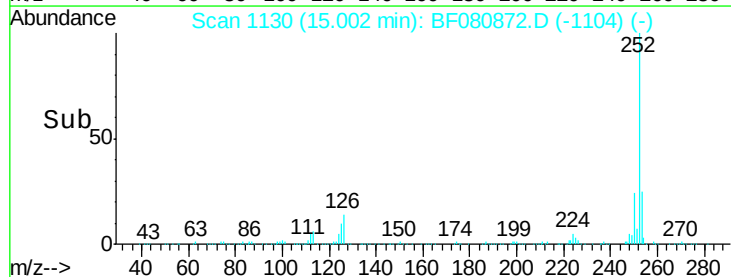
Delta R.T. -0.00 min

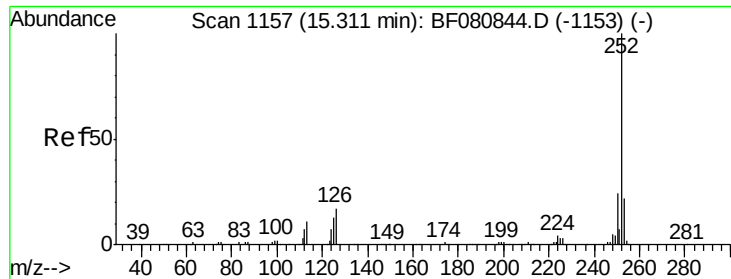
Lab File: BF080872.D

Acq: 5 Aug 2015 9:38



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.9	25.3
125	10.2	7.0	10.6





#89

Benzo(a)pyrene

Concen: 23.74 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF080872.D

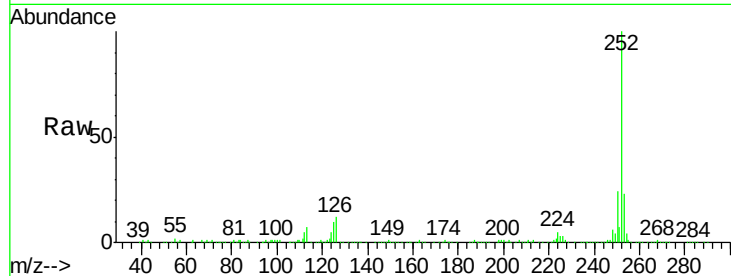
Acq: 5 Aug 2015 9:38

Instrument :

BNA_F

ClientSampleId :

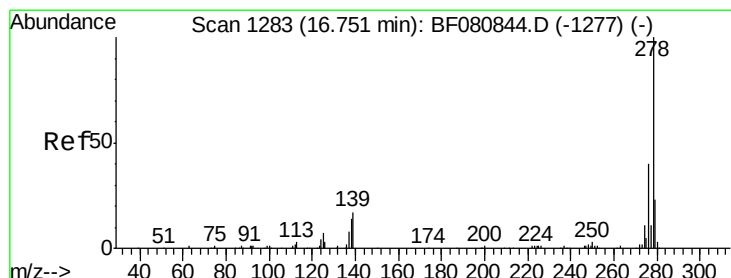
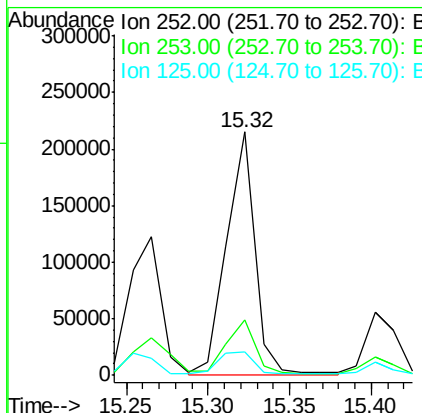
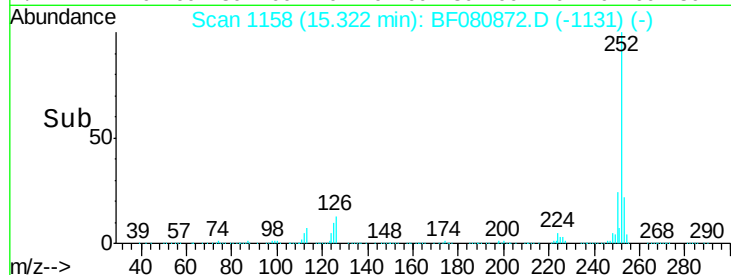
WCS3-072315RE



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	256801		
253	23.0	17.4	26.0	
125	9.6	10.6	16.0	

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#90

Dibenzo(a,h)anthracene

Concen: 4.88 ng

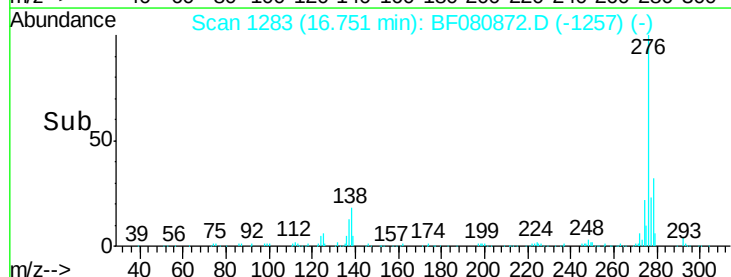
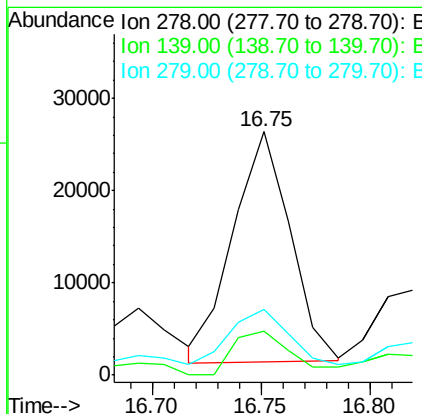
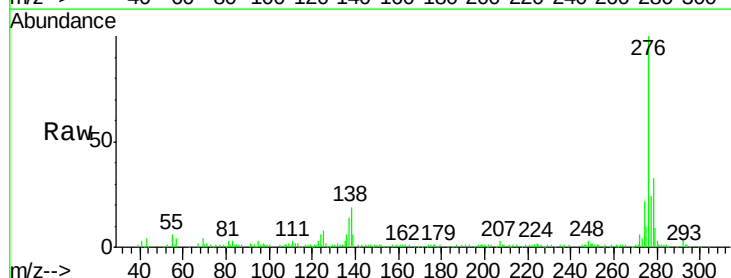
RT: 16.75 min Scan# 1283

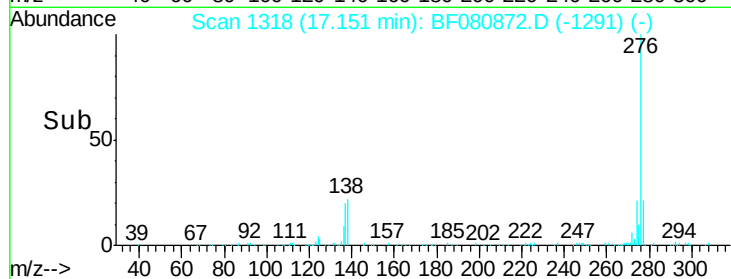
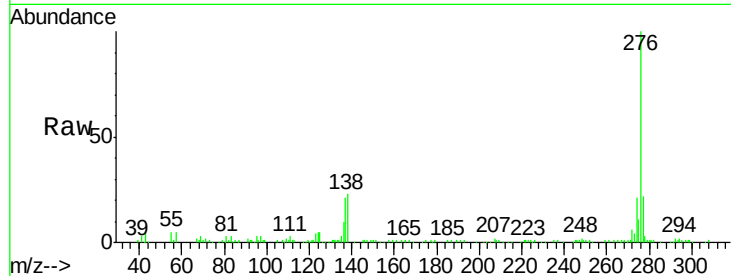
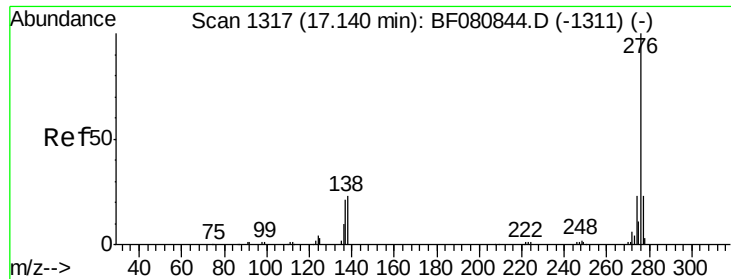
Delta R.T. -0.00 min

Lab File: BF080872.D

Acq: 5 Aug 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	45828		
139	18.2	13.4	20.0	
279	27.2	18.4	27.6	





#91
 Benzo(g,h,i)perylene
 Concen: 18.06 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF080872.D
 Acq: 5 Aug 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.4	18.6	27.8
138	22.8	18.8	28.2

Manual Integrations
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