

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080258.D
 Acq On : 1 Jul 2015 5:28
 Operator : TP/IZ
 Sample : G2838-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

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Quant Time: Jul 01 18:29:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 18:15:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33915	20.00	ng	0.01
21) Naphthalene-d8	8.58	136	136942	20.00	ng	0.01
38) Acenaphthene-d10	10.36	164	74480	20.00	ng	0.01
63) Phenanthrene-d10	11.96	188	145440	20.00	ng	0.10
75) Chrysene-d12	15.50	240	151163m	20.00	ng	0.74
86) Perylene-d12	17.83	264	155188m	20.00	ng	1.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	353557	184.54	ng	0.01
7) Phenol-d6	6.89	99	450049	176.52	ng	0.00
23) Nitrobenzene-d5	7.84	82	254117	108.03	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	113357	155.65	ng	0.03
44) 2-Fluorobiphenyl	9.66	172	516128	98.82	ng	0.01
78) Terphenyl-d14	13.93	244	556257m	85.94	ng	0.42
Target Compounds						
49) Dimethylphthalate	10.05	163	87542	15.63	ng	Qvalue # 97
70) Phenanthrene	11.98	178	119514	13.57	ng	97
71) Anthracene	12.04	178	30683	3.62	ng	96
74) Fluoranthene	13.44	202	144936	15.46	ng	88
77) Pyrene	13.74	202	138865m	14.92	ng	
80) Benzo(a)anthracene	15.49	228	70671m	7.67	ng	
82) Chrysene	15.55	228	59951m	7.06	ng	
87) Benzo(b)fluoranthene	17.21	252	69721m	7.42	ng	
88) Benzo(k)fluoranthene	17.25	252	26913m	2.81	ng	
89) Benzo(a)pyrene	17.74	252	53387m	5.98	ng	
91) Benzo(g,h,i)perylene	20.31	276	33020m	3.58	ng	

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

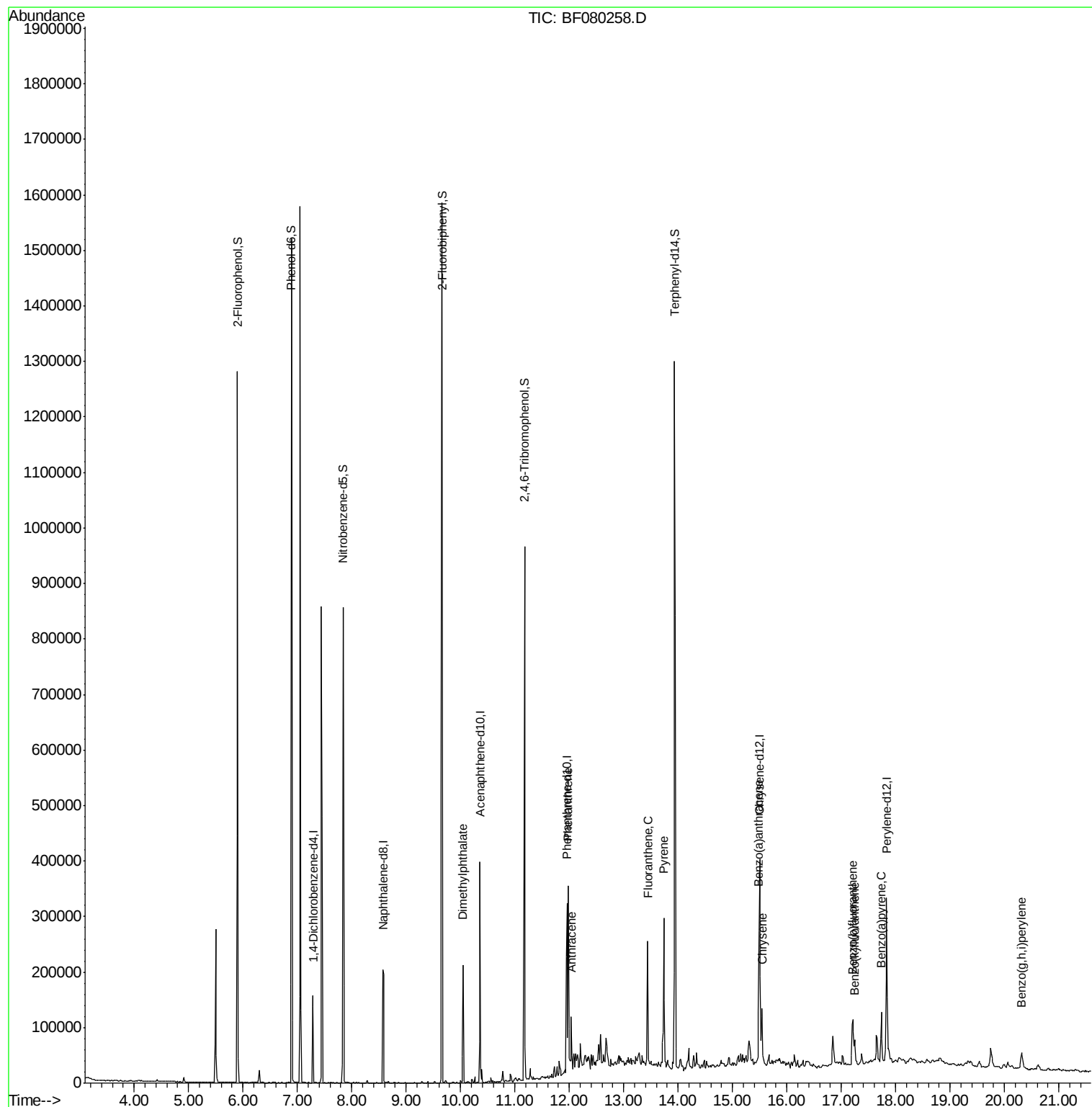
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080258.D
Acq On : 1 Jul 2015 5:28
Operator : TP/IZ
Sample : G2838-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

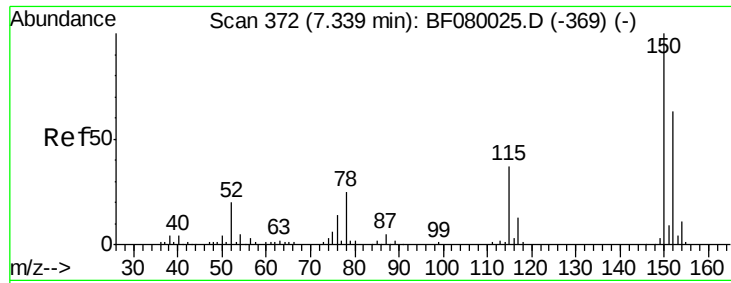
Instrument :
BNA_F
ClientSampleId :
TEC-B13

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Quant Time: Jul 01 18:29:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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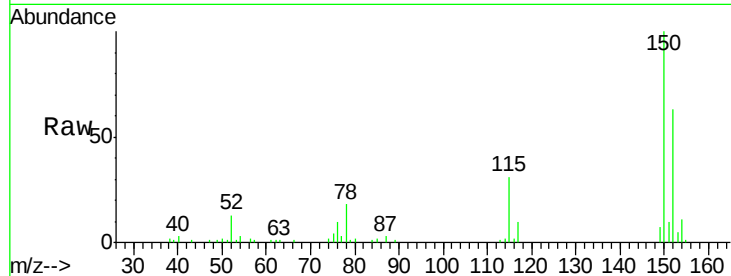
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

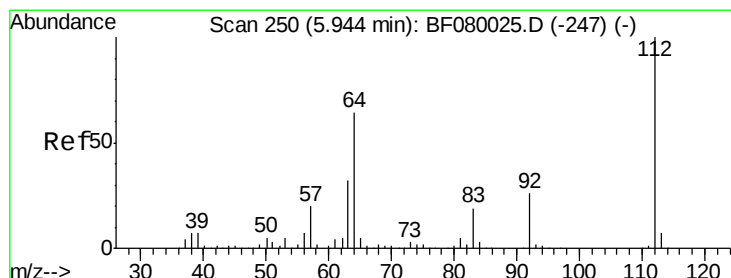
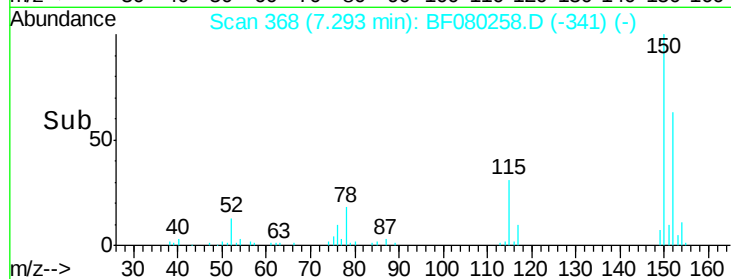
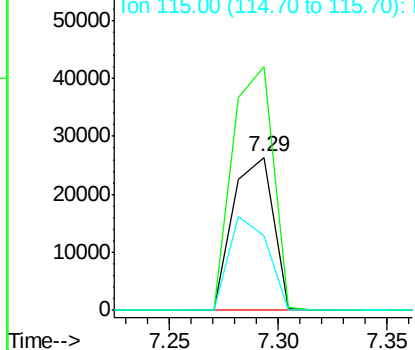
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	48.6	39.0	58.4

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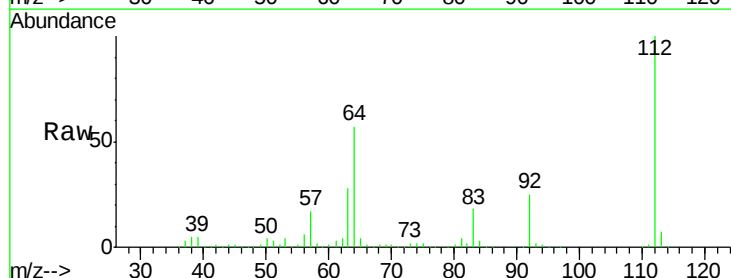


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

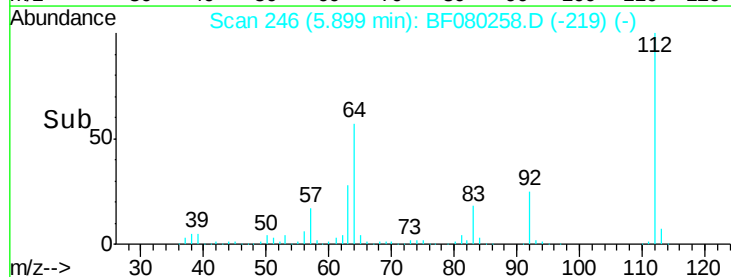
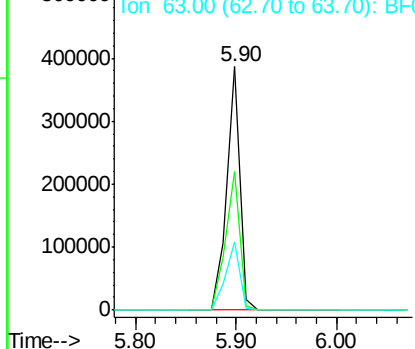


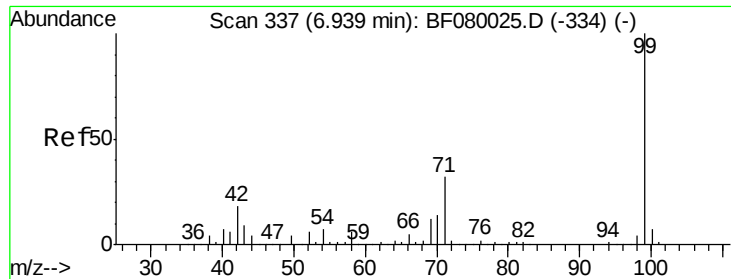
#5
 2-Fluorophenol
 Concen: 184.54 ng
 RT: 5.90 min Scan# 246
 Delta R.T. 0.01 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	39.7	59.5
63	28.1	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 176.52 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080258.D

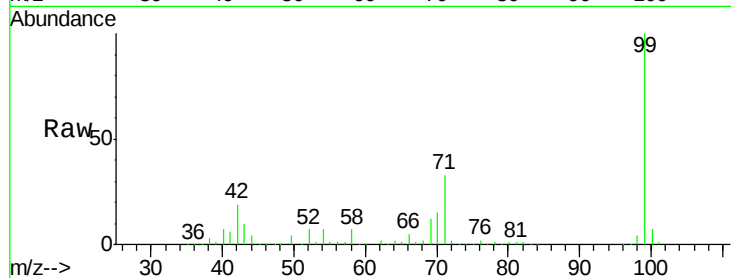
Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

ClientSampled :

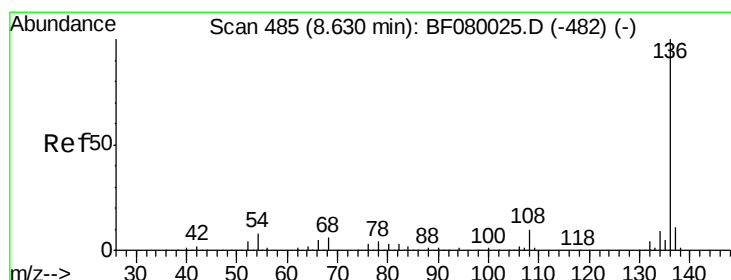
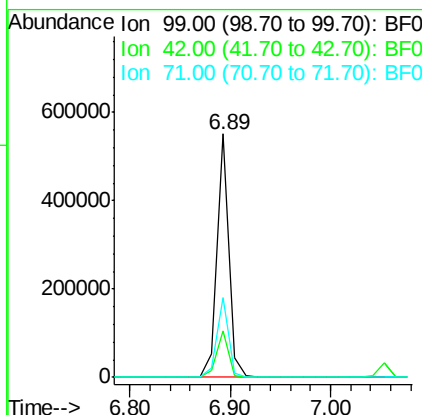
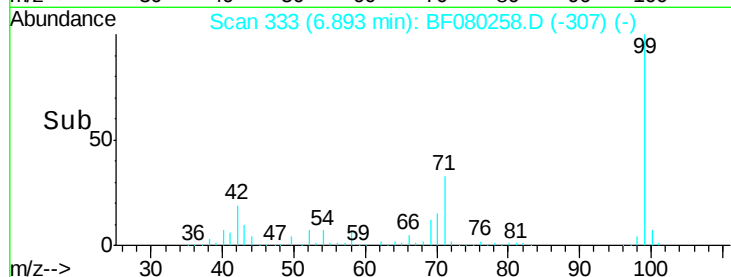
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Tgt Ion:	99	Resp:	450049
Ion Ratio	Lower	Upper	
99	100		
42	18.9	13.7	20.5
71	32.8	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

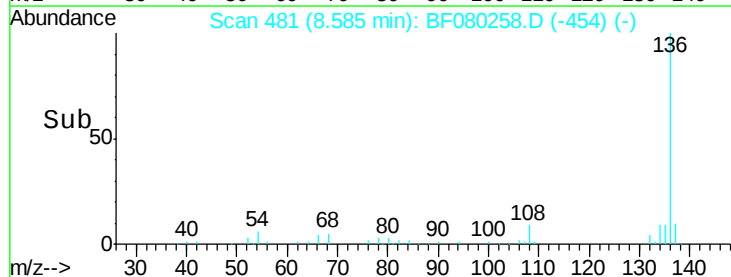
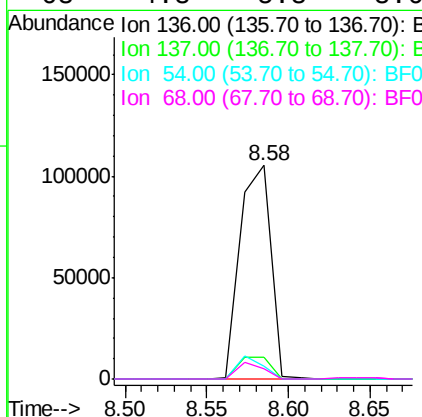
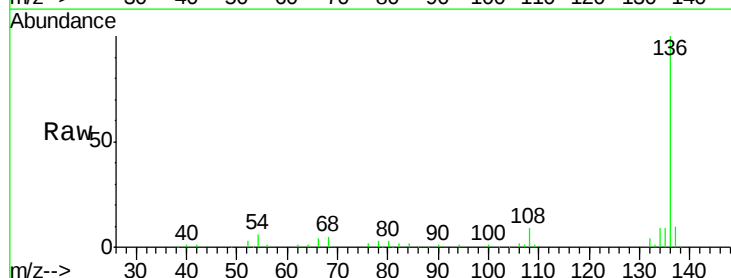
RT: 8.58 min Scan# 481

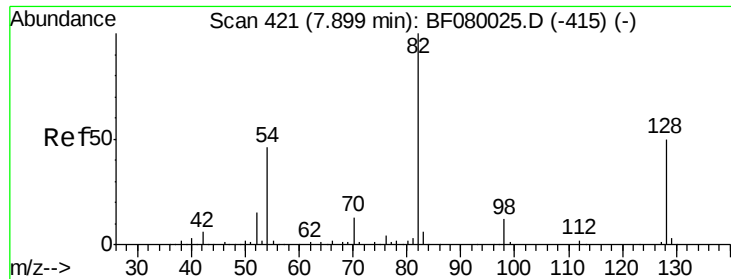
Delta R.T. 0.01 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Tgt Ion:	136	Resp:	136942
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.0	13.6
54	5.8	8.2	12.2#
68	4.8	5.8	8.6#





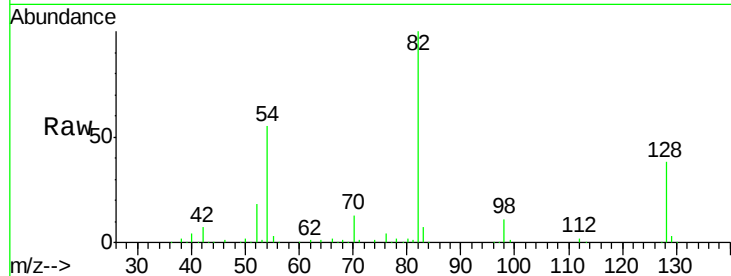
#23
 Nitrobenzene-d5
 Concen: 108.03 ng
 RT: 7.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

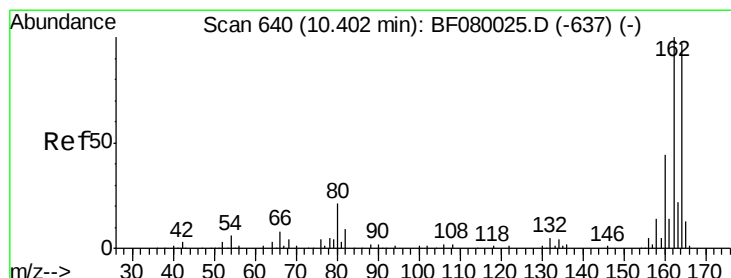
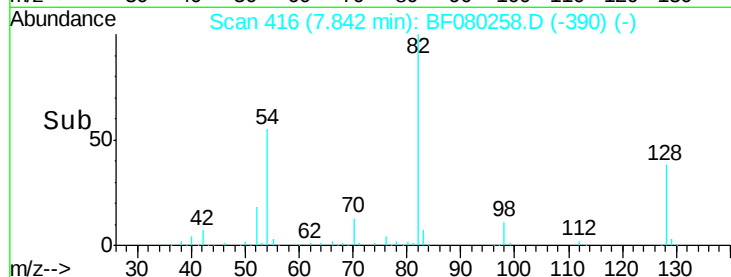
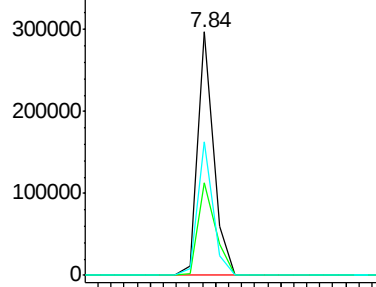
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	51.0	76.6#
54	55.0	47.5	71.3

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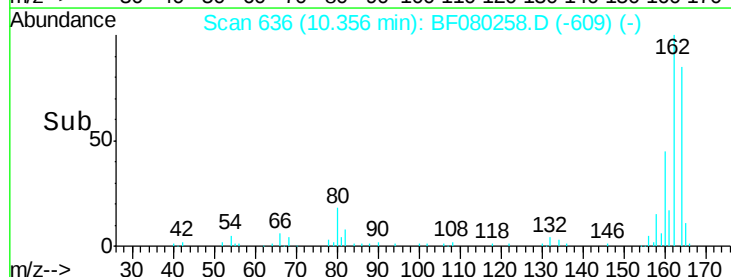
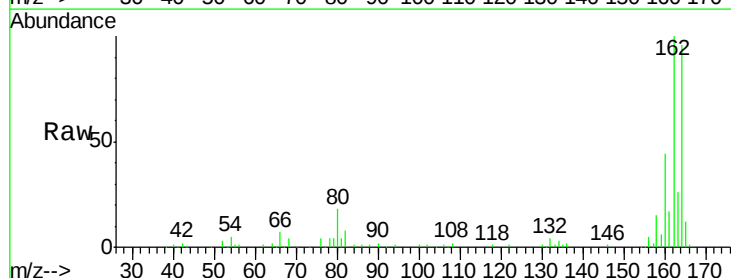
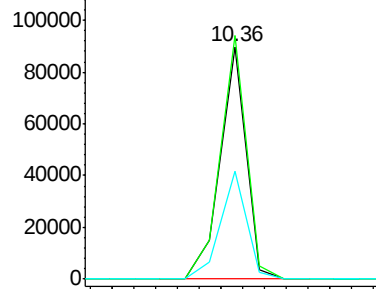
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

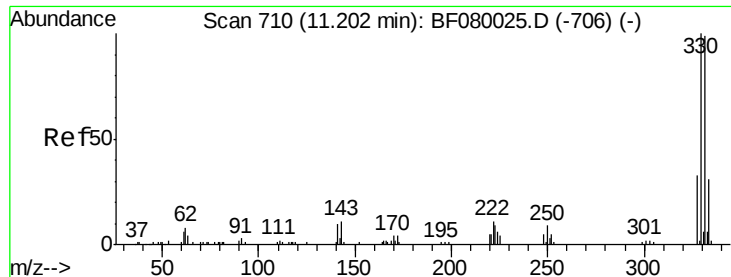


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	46.4	31.5	47.3

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





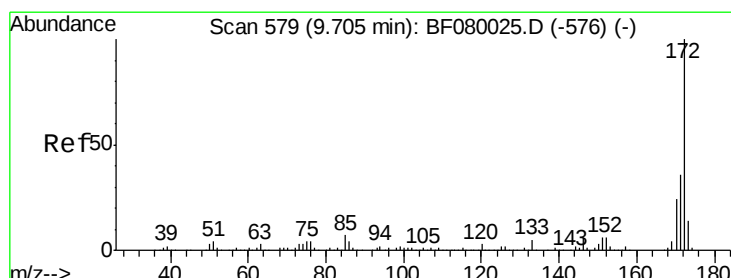
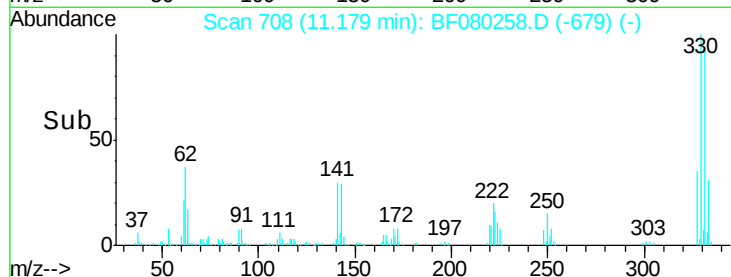
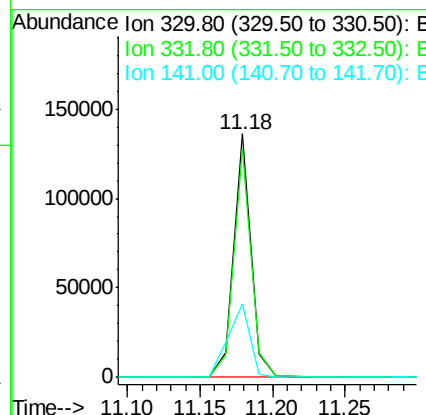
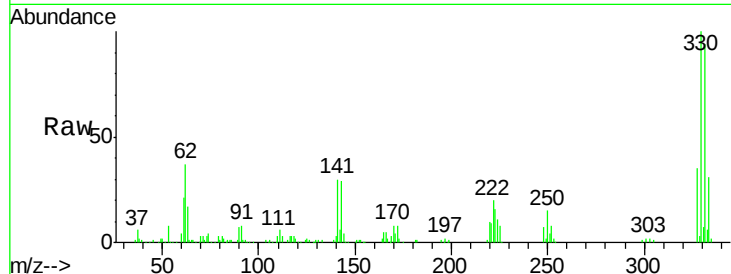
#41
 2,4,6-Tribromophenol
 Concen: 155.65 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.03 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	113357		
332	94.5	76.6	114.8	
141	37.8	29.7	44.5	

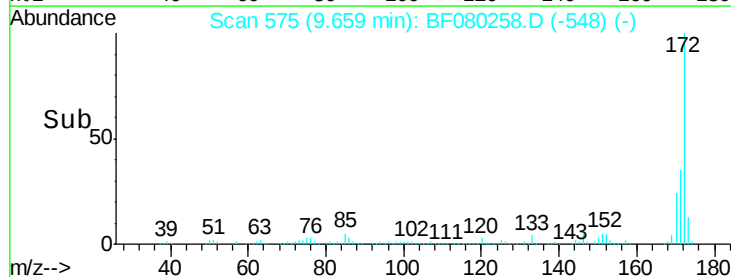
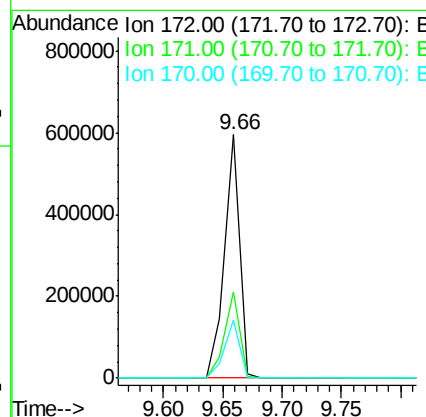
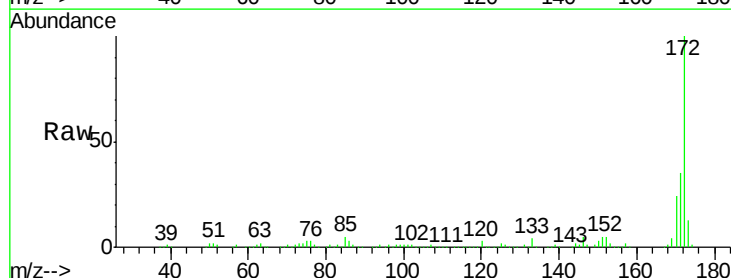
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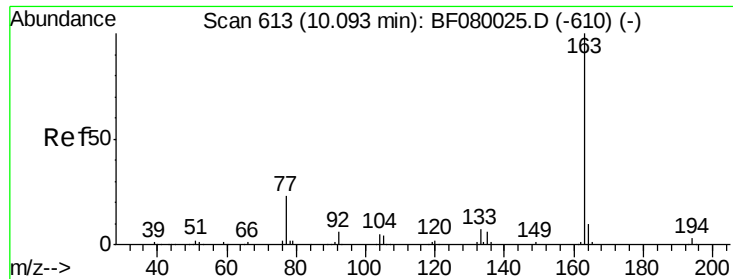
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#44
 2-Fluorobiphenyl
 Concen: 98.82 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	516128		
171	35.3	26.1	39.1	
170	23.8	17.4	26.2	





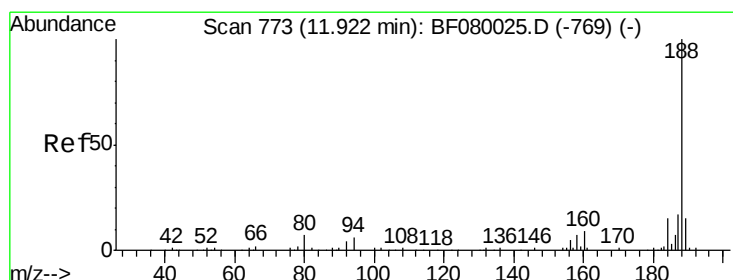
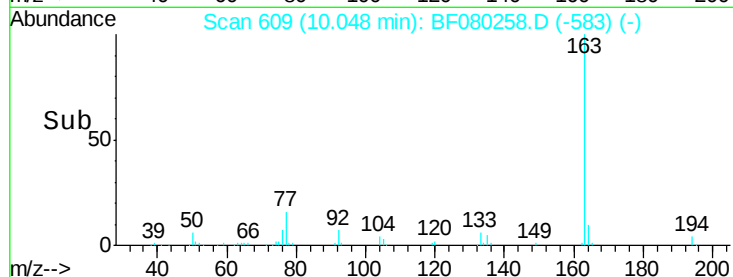
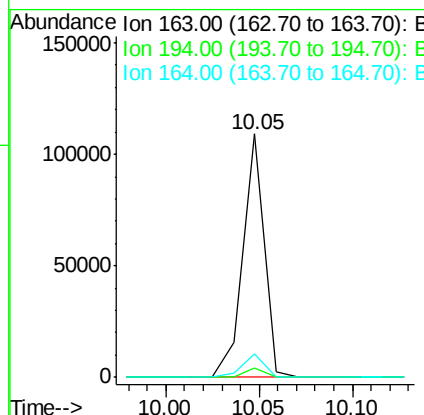
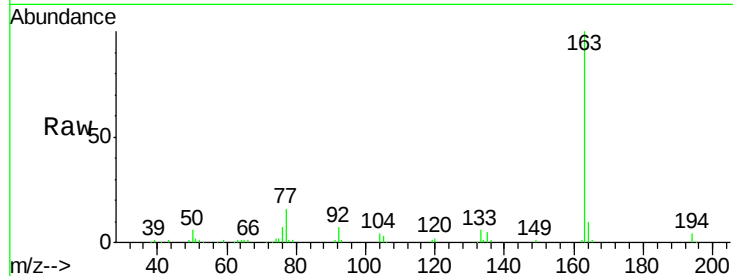
#49
Dimethylphthalate
Concen: 15.63 ng
RT: 10.05 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
TEC-B13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87542		
194	3.6	4.4	6.6#	
164	9.7	8.3	12.5	

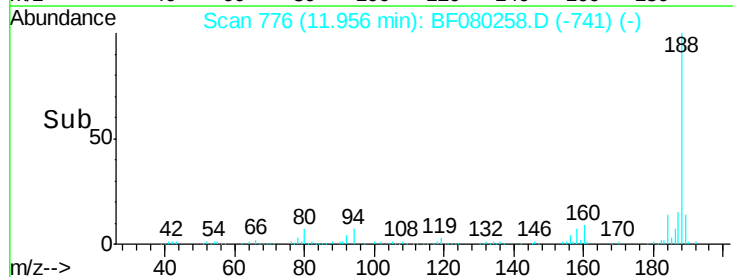
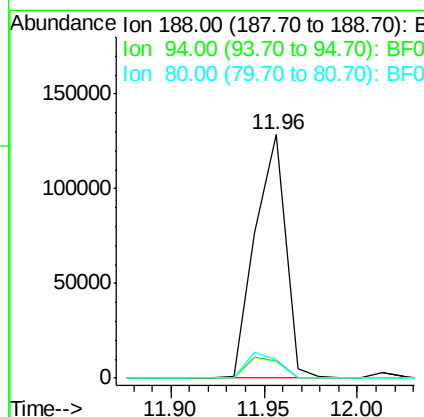
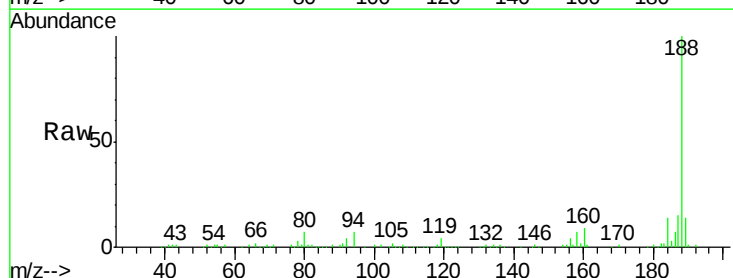
Manual Integrations
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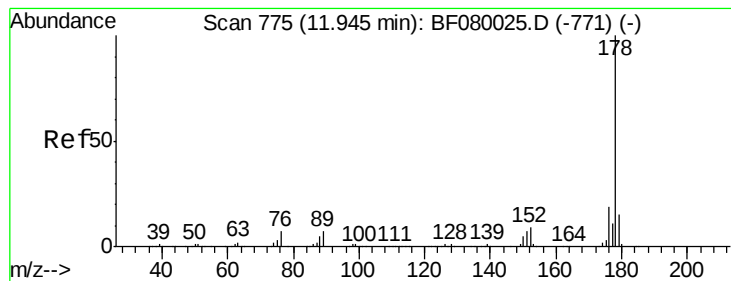
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.96 min Scan# 776
Delta R.T. 0.10 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	145440		
94	7.0	11.1	16.7#	
80	7.3	11.0	16.4#	





#70

Phenanthrene

Concen: 13.57 ng

RT: 11.98 min Scan# 778

Delta R.T. 0.10 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

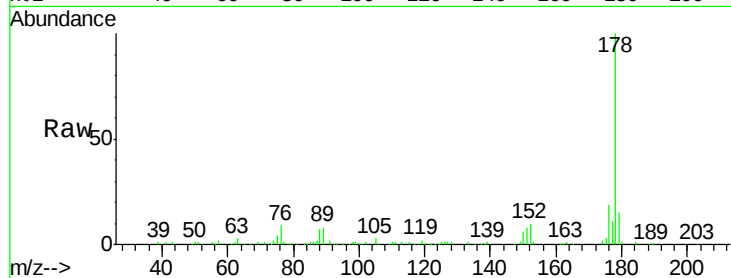
ClientSampleId :

TEC-B13

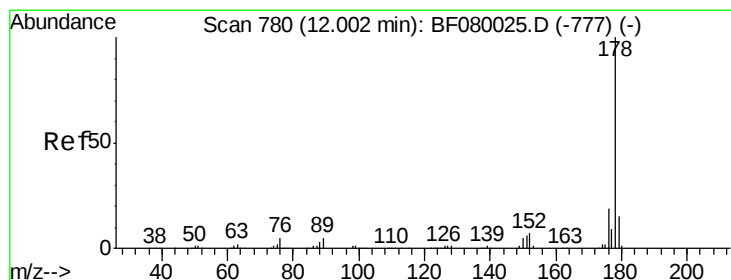
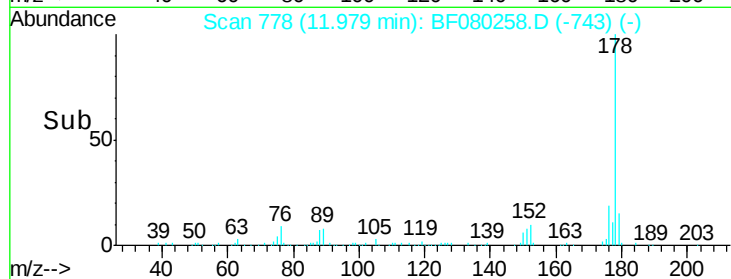
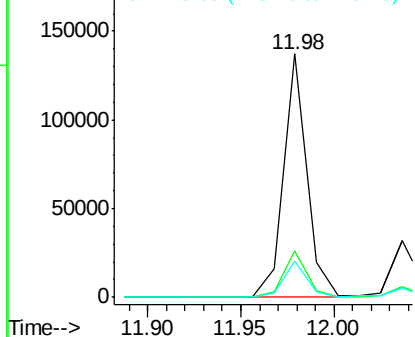
Tgt Ion:	178	Resp:	119514
Ion Ratio	Lower	Upper	
178	100		
176	19.3	13.8	20.8
179	15.1	12.2	18.2

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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: 3.62 ng

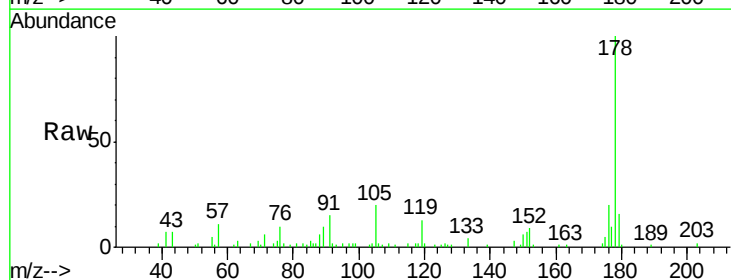
RT: 12.04 min Scan# 783

Delta R.T. 0.11 min

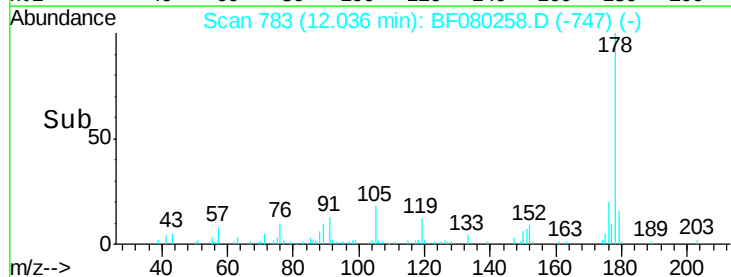
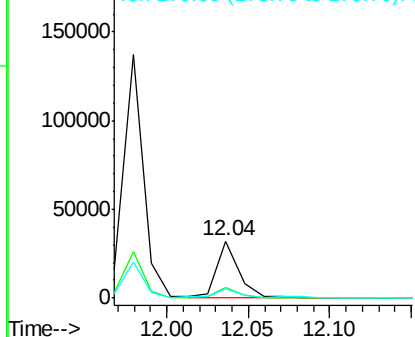
Lab File: BF080258.D

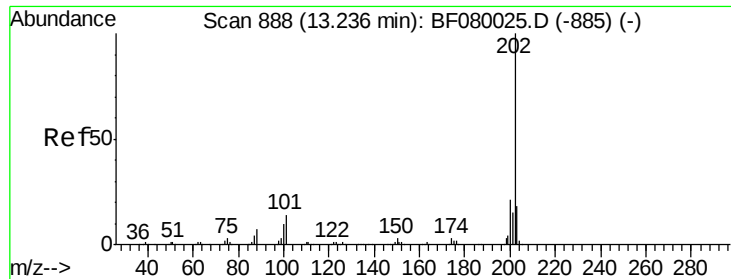
Acq: 1 Jul 2015 5:28

Tgt Ion:	178	Resp:	30683
Ion Ratio	Lower	Upper	
178	100		
176	19.7	14.1	21.1
179	16.1	12.2	18.2



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





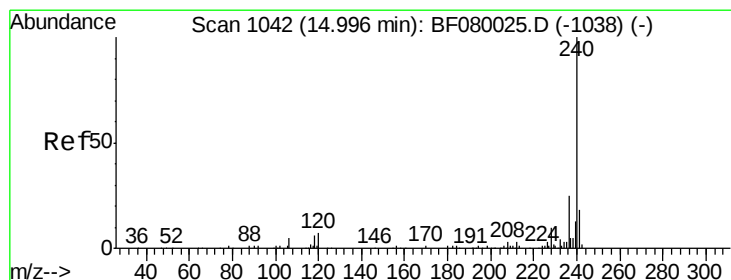
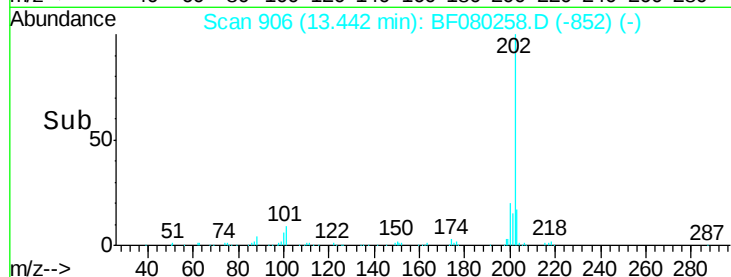
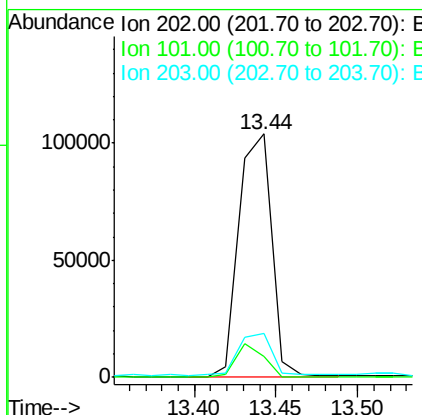
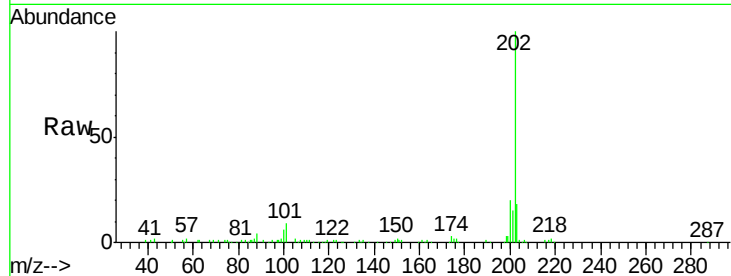
#74
 Fluoranthene
 Concen: 15.46 ng
 RT: 13.44 min Scan# 906
 Delta R.T. 0.32 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.7	0.0	38.3
203	18.0	0.0	37.3

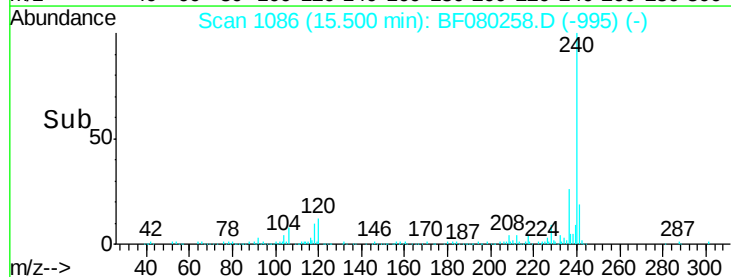
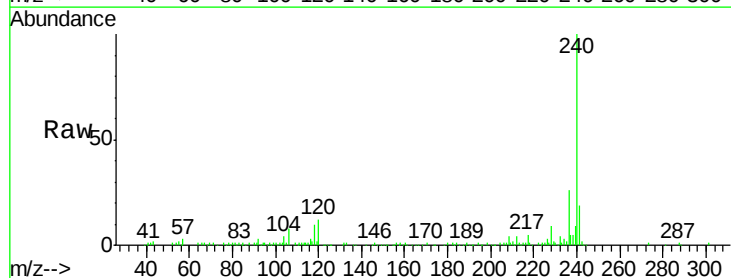
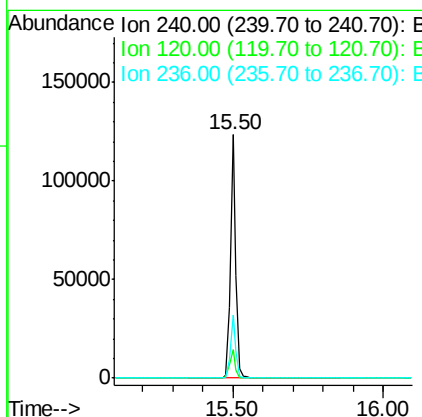
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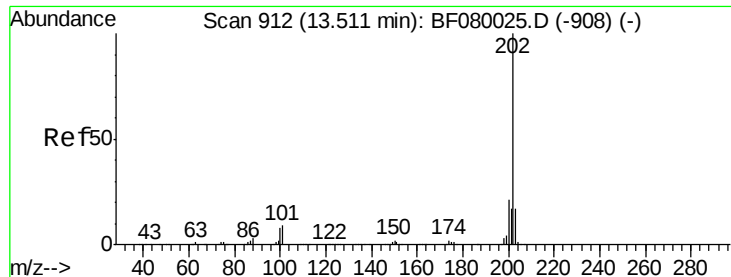
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#75
 Chrysene-d12
 Concen: 20.00 ng m
 RT: 15.50 min Scan# 1086
 Delta R.T. 0.74 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.8	16.2	24.2#
236	26.0	18.4	27.6





#77

Pyrene

Concen: 14.92 ng m

RT: 13.74 min Scan# 932

Delta R.T. 0.37 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

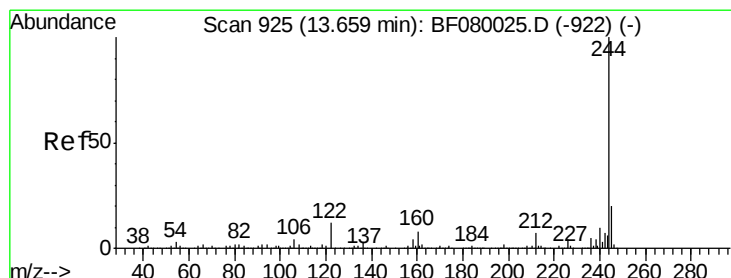
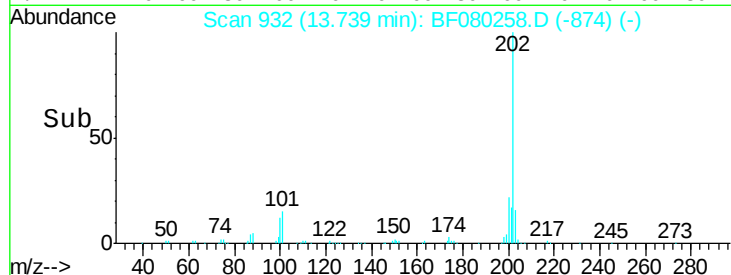
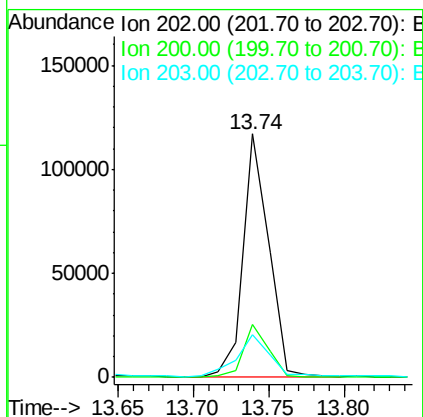
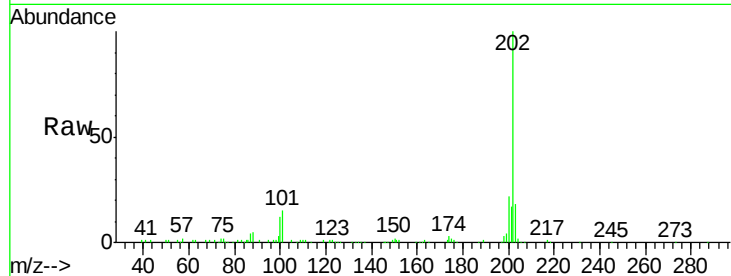
ClientSampleId :

TEC-B13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	138865		
200	21.5	15.0	22.4	
203	17.7	14.1	21.1	

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#78

Terphenyl-d14

Concen: 85.94 ng m

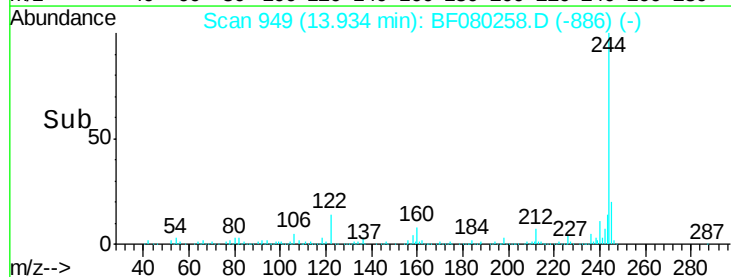
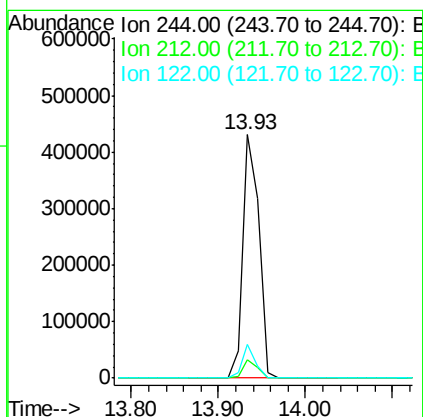
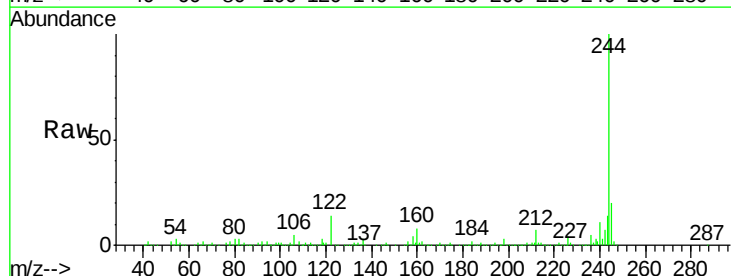
RT: 13.93 min Scan# 949

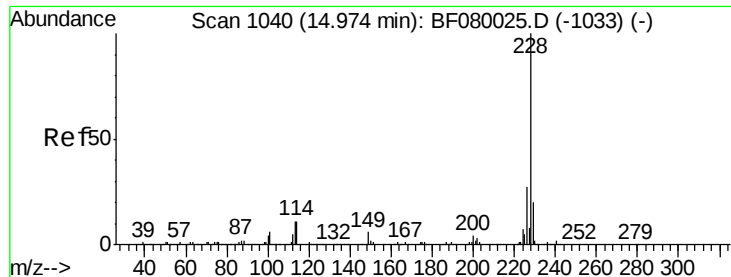
Delta R.T. 0.42 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	556257		
212	7.3	4.3	6.5#	
122	13.8	17.4	26.2#	





#80

Benzo(a)anthracene

Concen: 7.67 ng m

RT: 15.49 min Scan# 1085

Delta R.T. 0.74 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

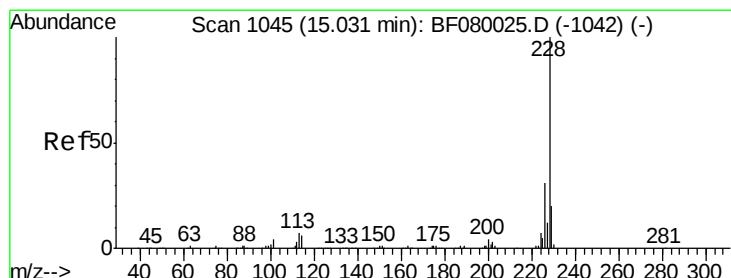
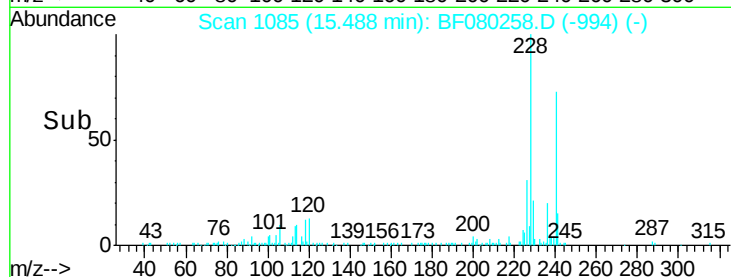
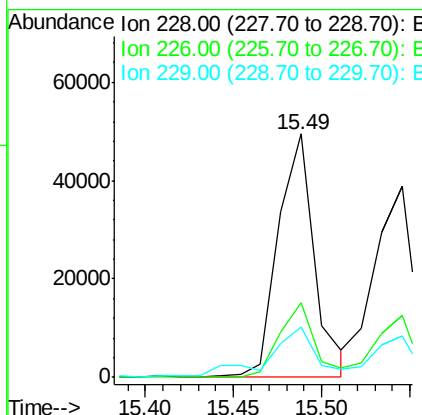
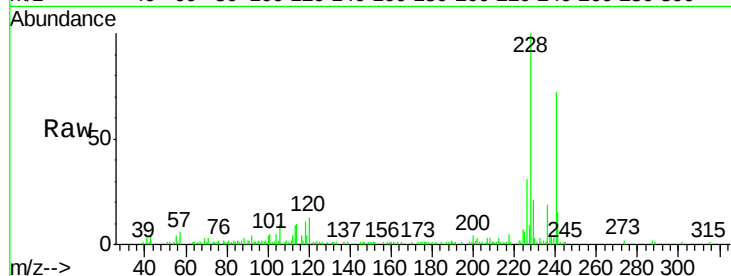
ClientSampleId :

TEC-B13

Tgt Ion:	228	Resp:	70671
Ion Ratio		Lower	Upper
228	100		
226	30.8	20.0	30.0#
229	20.8	15.4	23.2

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#82

Chrysene

Concen: 7.06 ng m

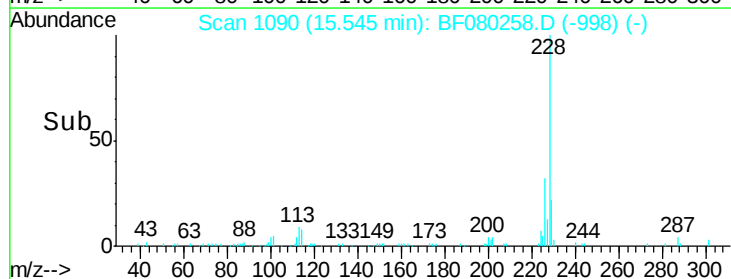
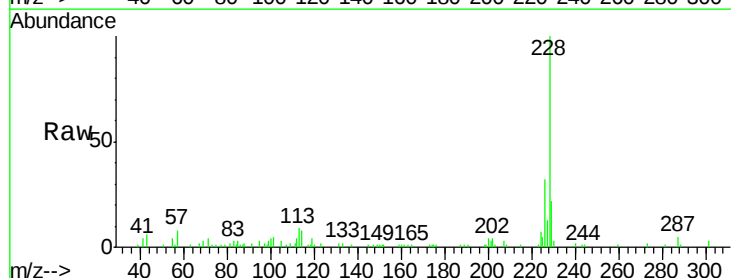
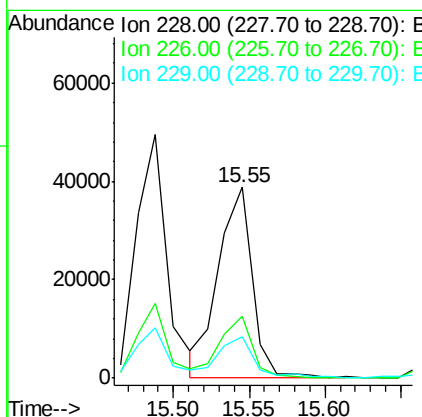
RT: 15.55 min Scan# 1090

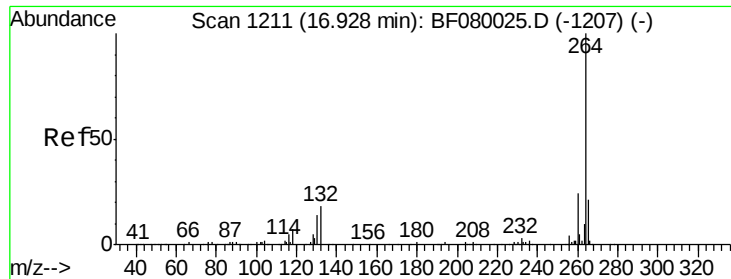
Delta R.T. 0.75 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Tgt Ion:	228	Resp:	59951
Ion Ratio		Lower	Upper
228	100		
226	32.3	21.0	31.4#
229	21.9	15.6	23.4





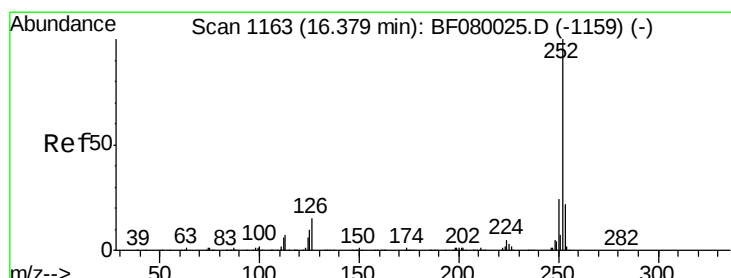
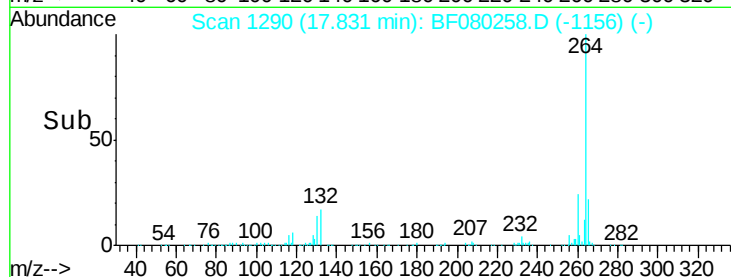
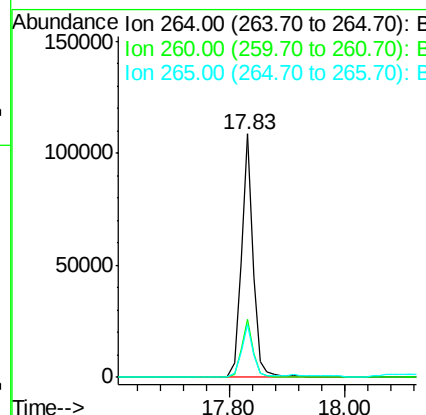
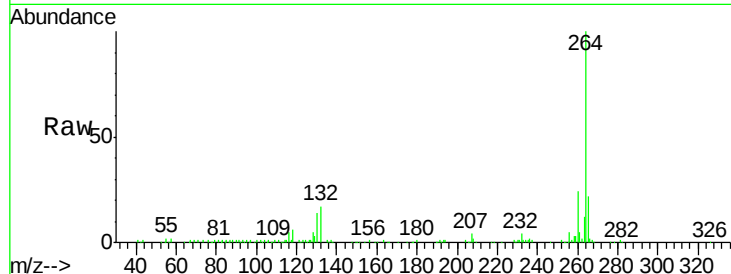
#86
Perylene-d12
Concen: 20.00 ng m
RT: 17.83 min Scan# 1290
Delta R.T. 1.23 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Instrument :
BNA_F
ClientSampled :
TEC-B13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	155188		
260	23.7	16.7	25.1	
265	21.6	17.2	25.8	

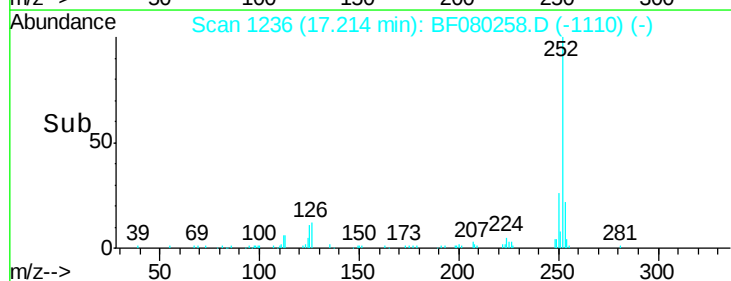
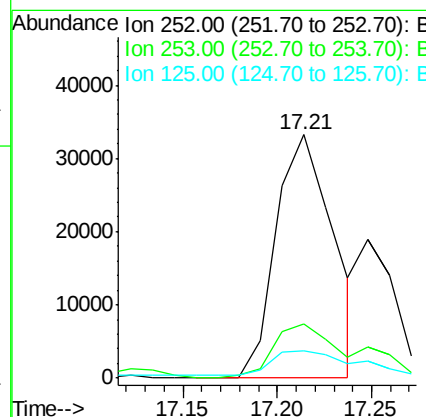
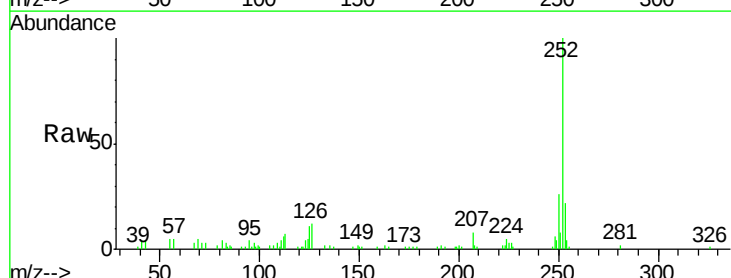
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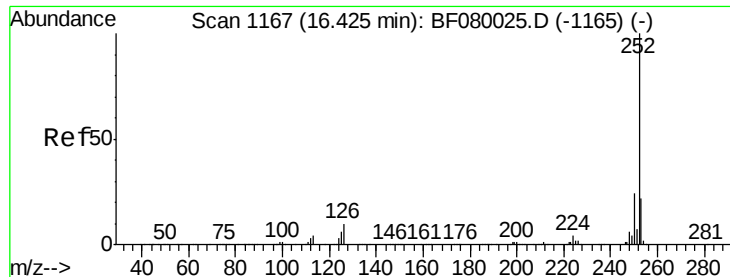
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#87
Benzo(b)fluoranthene
Concen: 7.42 ng m
RT: 17.21 min Scan# 1236
Delta R.T. 1.14 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	69721		
253	22.1	17.5	26.3	
125	11.1	17.1	25.7#	





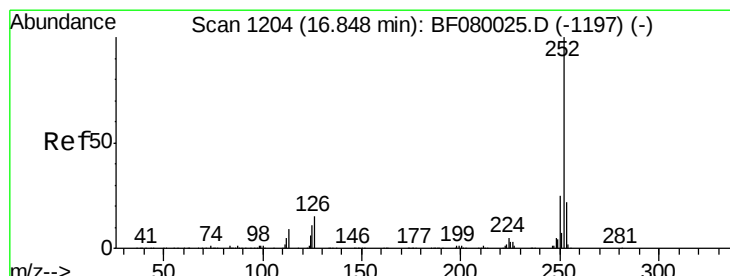
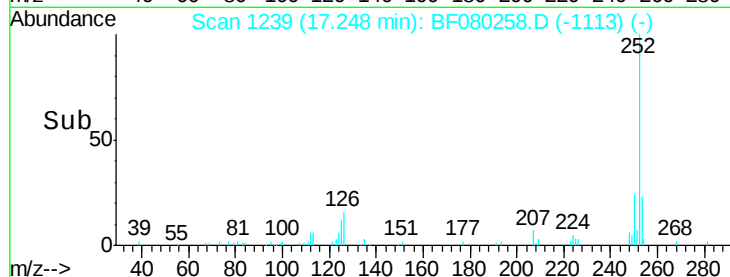
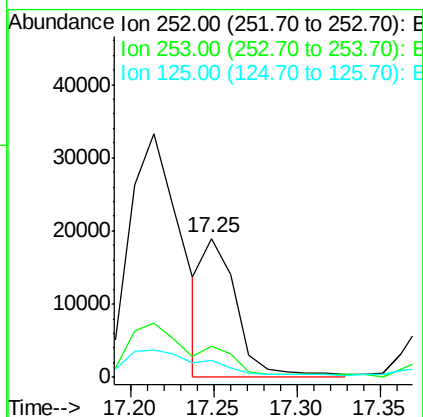
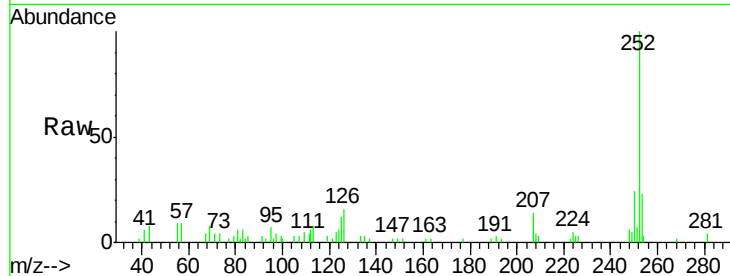
#88
Benzo(k)fluoranthene
Concen: 2.81 ng m
RT: 17.25 min Scan# 1239
Delta R.T. 1.14 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
TEC-B13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	12.4	16.0	24.0

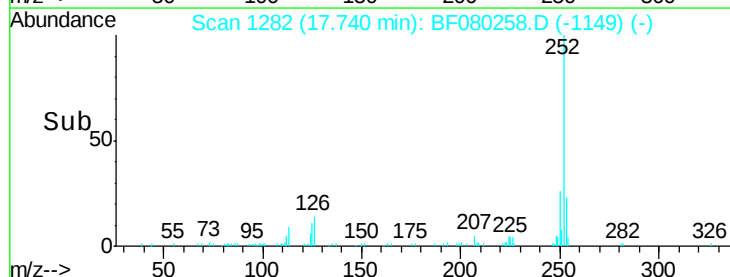
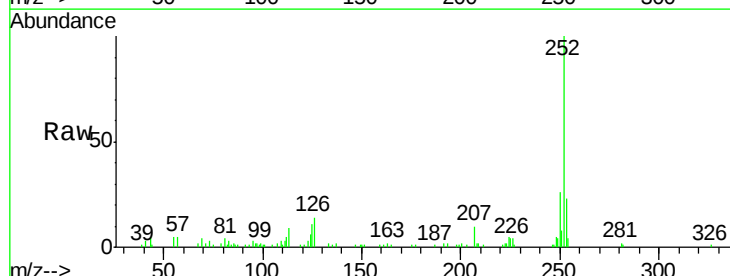
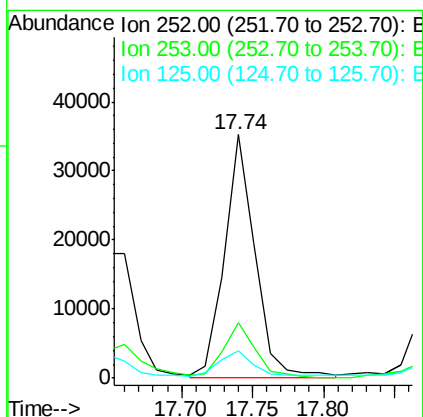
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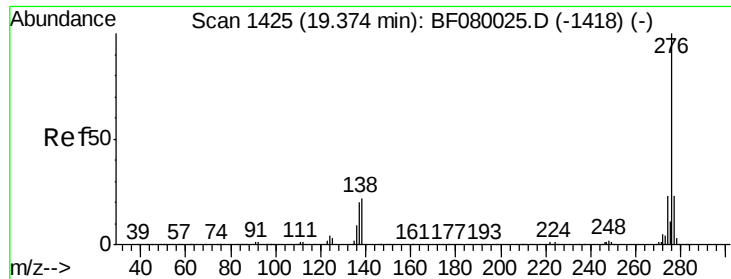
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#89
Benzo(a)pyrene
Concen: 5.98 ng m
RT: 17.74 min Scan# 1282
Delta R.T. 1.22 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.4	18.0	27.0





#91
 Benzo(g,h,i)perylene
 Concen: 3.58 ng m
 RT: 20.31 min Scan# 1507
 Delta R.T. 1.35 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	17.8	26.6
138	24.3	34.6	51.8

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