

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088425.D
 Acq On : 26 Jun 2016 18:28
 Operator : UM/SJ
 Sample : H3663-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Manual Integrations
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Quant Time: Jun 27 17:50:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	74508	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	305933	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	144286	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	253753	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	159067	20.00	ng	-0.07
86) Perylene-d12	15.03	264	161728	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	450156	103.29	ng	-0.05
7) Phenol-d6	6.22	99	592153	112.11	ng	-0.05
23) Nitrobenzene-d5	7.12	82	329979	62.98	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	120594	79.16	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	641655	68.81	ng	-0.06
78) Terphenyl-d14	12.63	244	447890	64.07	ng	-0.07
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	127408	12.19	ng	99
70) Phenanthrene	11.07	178	135469	10.17	ng	98
71) Anthracene	11.13	178	43677	3.25	ng	98
74) Fluoranthene	12.26	202	543992	38.71	ng	96
77) Pyrene	12.48	202	464109	39.32	ng	98
80) Benzo(a)anthracene	13.67	228	456322	50.34	ng	98
82) Chrysene	13.71	228	442951	51.94	ng	97
85) Indeno(1,2,3-cd)pyrene	16.25	276	255013	32.19	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	647627m	57.45	ng	
88) Benzo(k)fluoranthene	14.69	252	278512m	32.75	ng	
89) Benzo(a)pyrene	14.98	252	266891m	29.26	ng	
90) Dibenzo(a,h)anthracene	16.25	278	59604m	7.04	ng	
91) Benzo(a,h,i)perylene	16.62	276	246088	28.24	ng	98

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

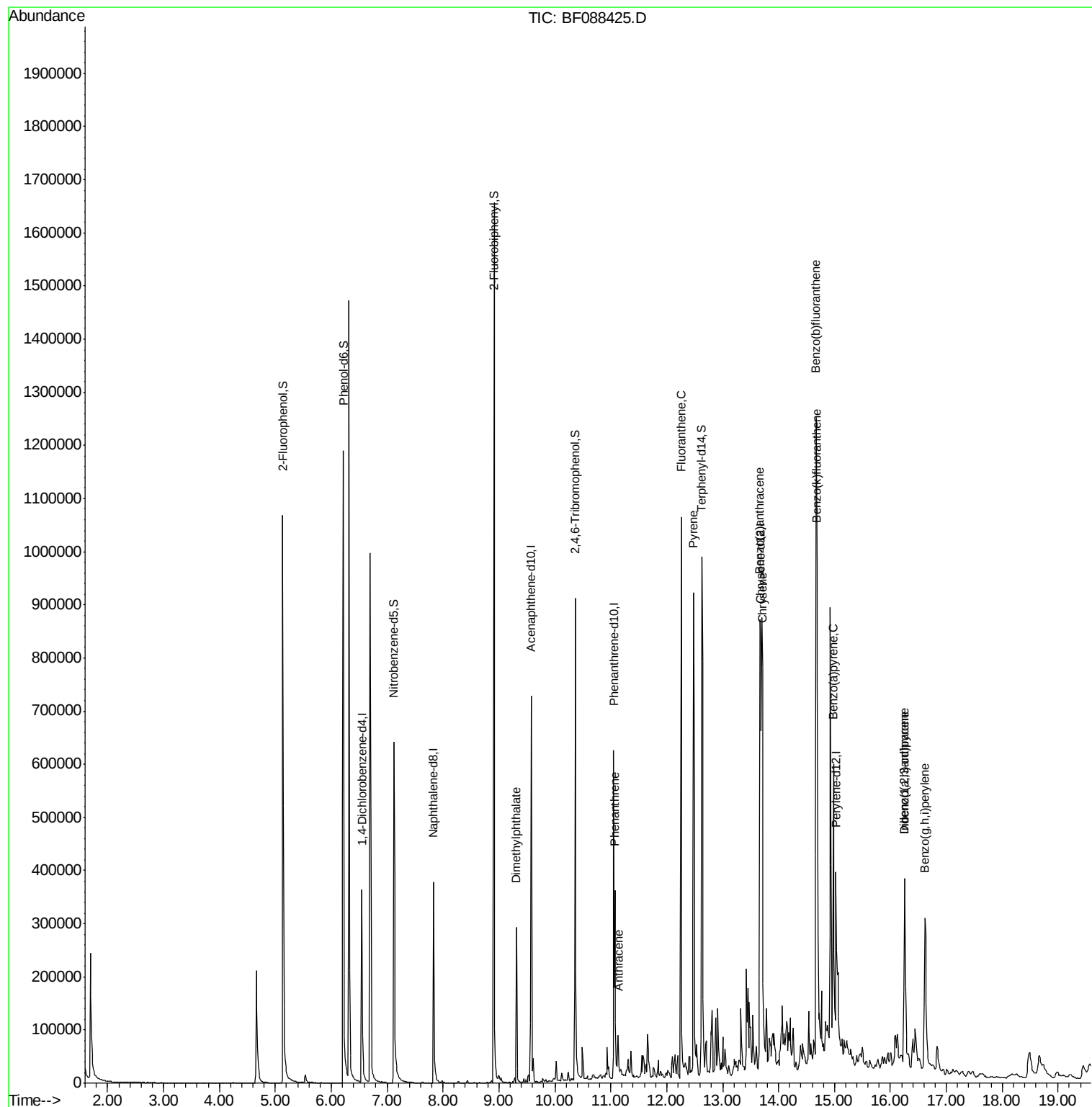
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088425.D
Acq On : 26 Jun 2016 18:28
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Sample : H3663-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

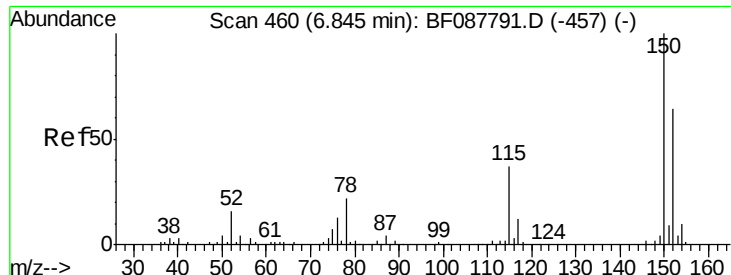
Instrument :
BNA_F
ClientSampleId :
TP-14

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Quant Time: Jun 27 17:50:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

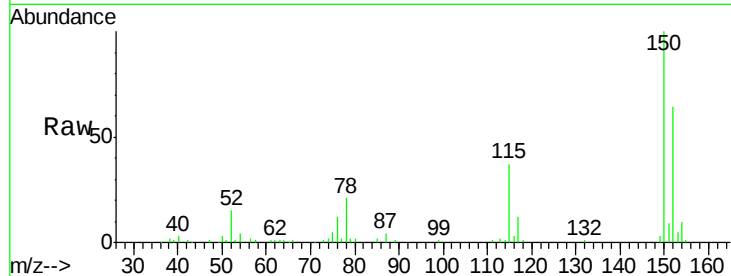
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TP-14

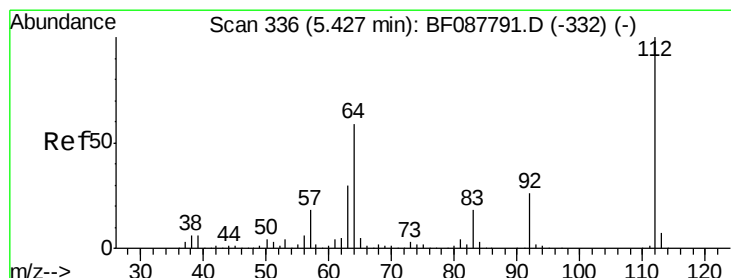
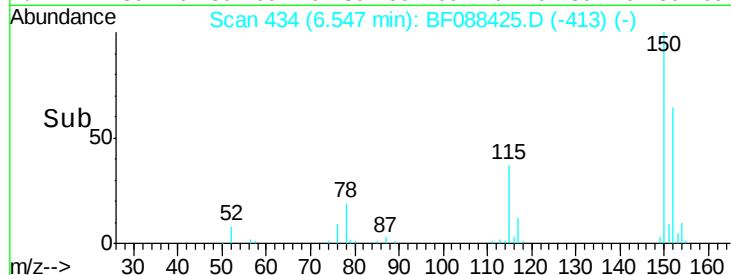
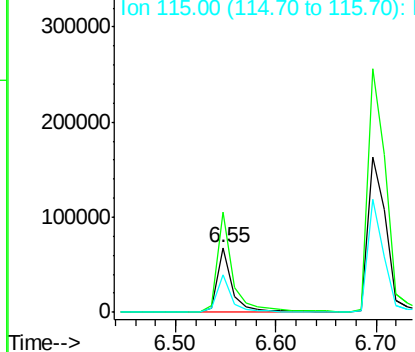
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.8	185.6
115	57.7	39.6	59.4

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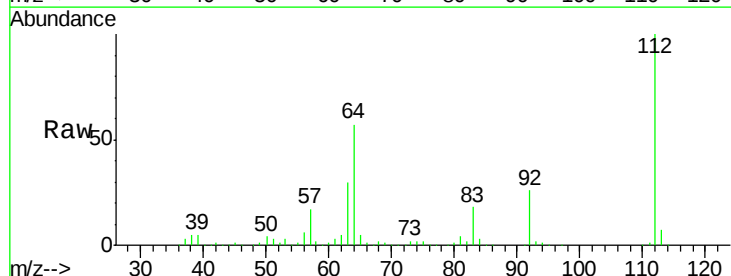
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



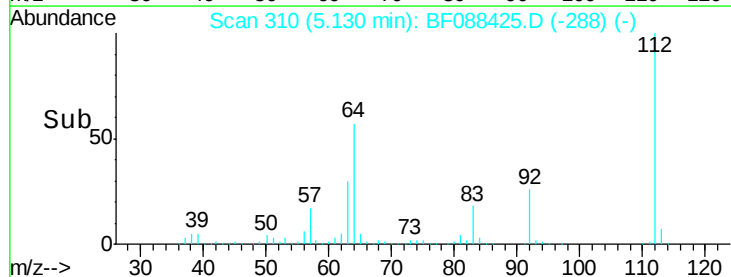
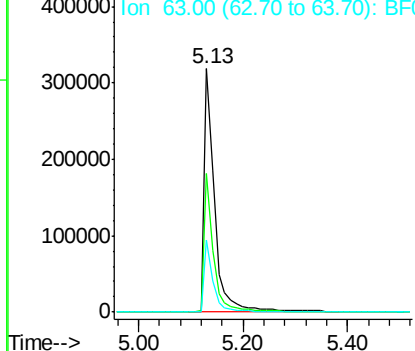
#5

2-Fluorophenol
Concen: 103.29 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.2	63.2
63	29.8	21.8	32.8



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: 112.11 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Instrument :

BNA_F

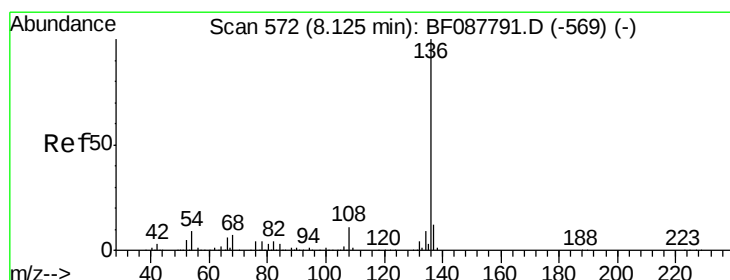
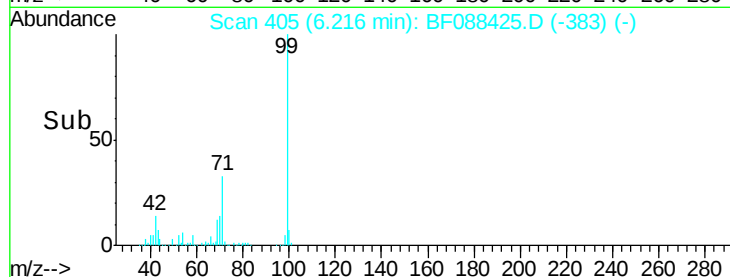
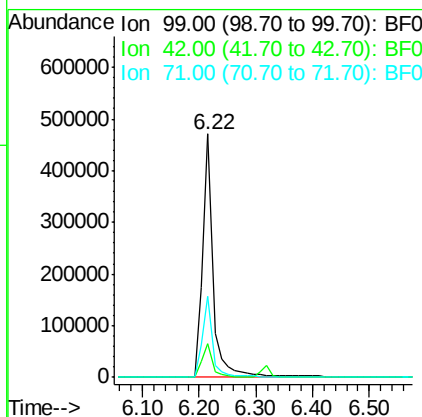
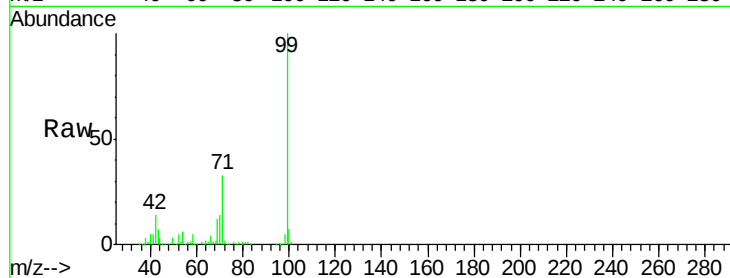
ClientSampleId :

TP-14

Tot Ion:	99	Resp:	592153
Ion Ratio	Lower	Upper	
99	100		
42	14.0	12.2	18.2
71	33.1	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

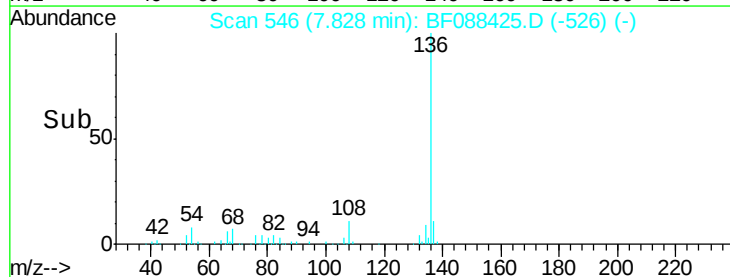
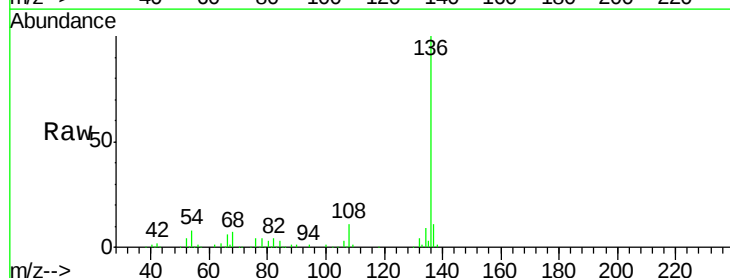
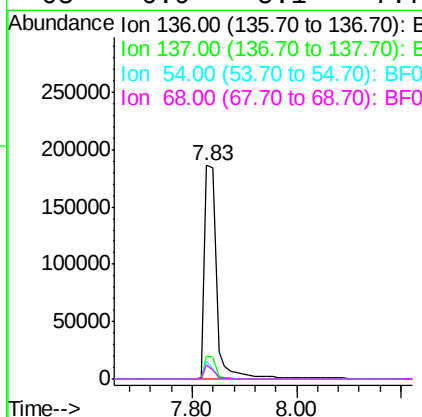
RT: 7.83 min Scan# 546

Delta R.T. -0.07 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Tgt Ion:	136	Resp:	305933
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.3	6.6	10.0
68	6.9	5.1	7.7





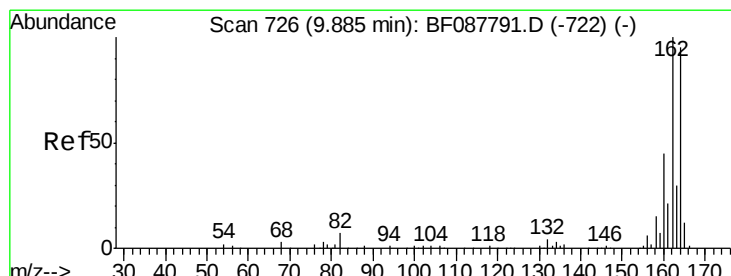
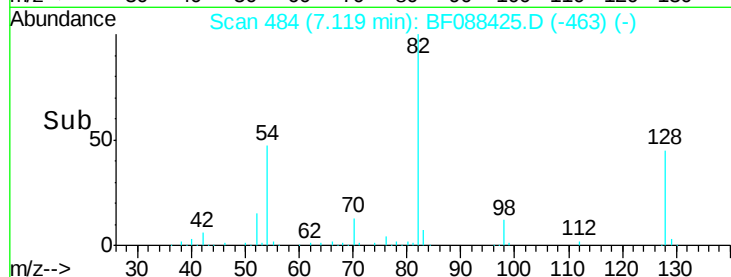
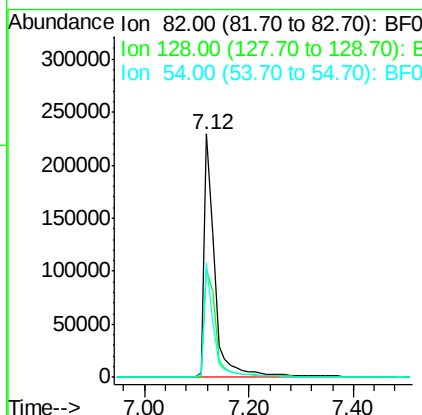
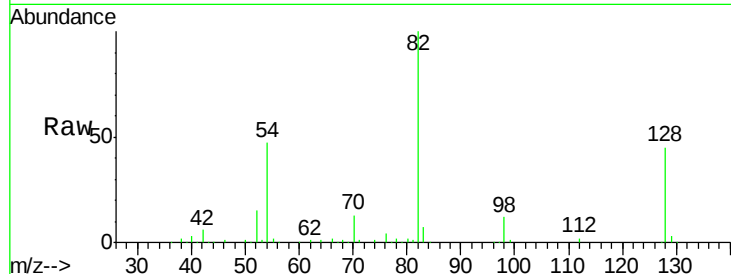
#23
 Nitrobenzene-d5
 Concen: 62.98 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.06 min
 Lab File: BF088425.D
 Acq: 26 Jun 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tot Ion	82	Resp	329979
Ion Ratio	100	Lower	Upper
82	100		
128	44.5	35.9	53.9
54	47.1	40.9	61.3

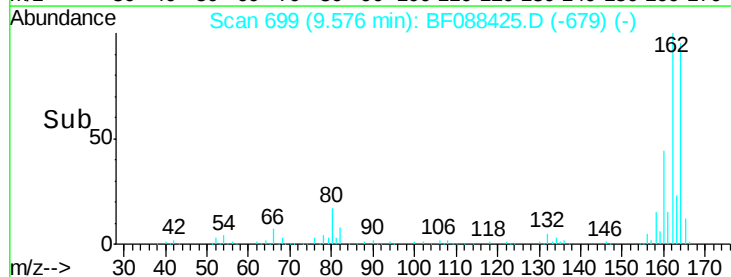
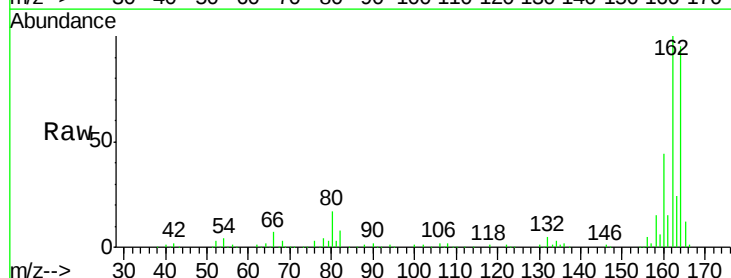
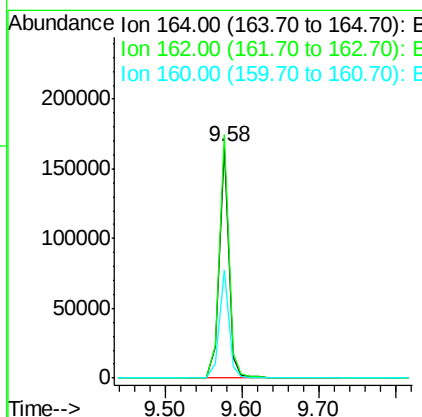
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.07 min
 Lab File: BF088425.D
 Acq: 26 Jun 2016 18:28

Tgt Ion	164	Resp	144286
Ion Ratio	100	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	46.7	39.5	59.3





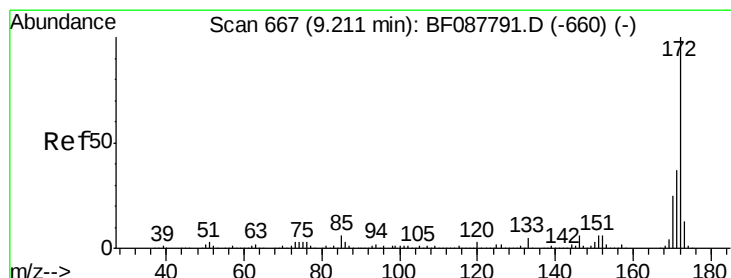
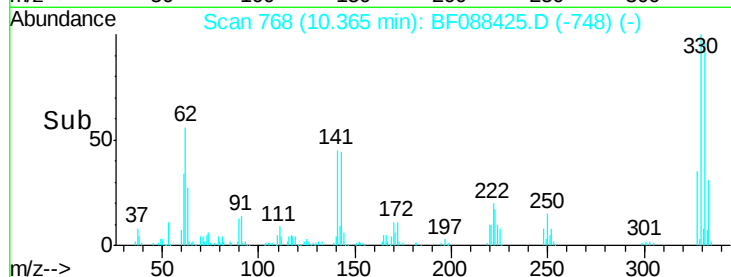
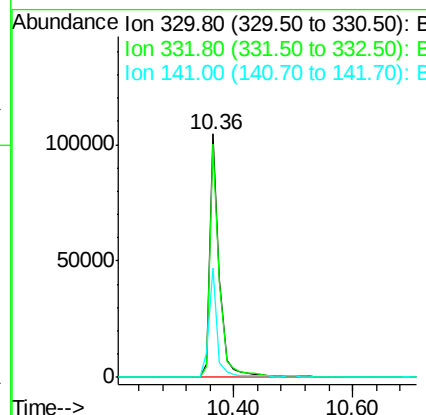
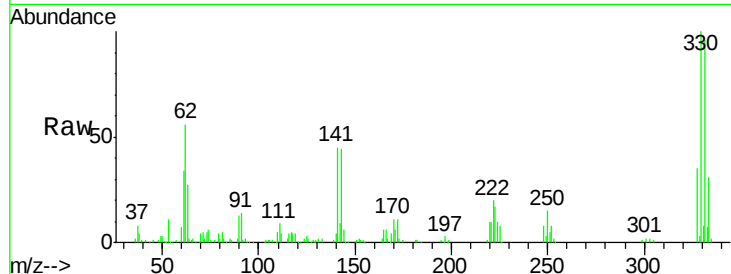
#41
 2,4,6-Tribromophenol
 Concen: 79.16 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088425.D
 Acq: 26 Jun 2016 18:28

Instrument :
 BNA_F
 ClientSampled :
 TP-14

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.9	0.0	0.0#

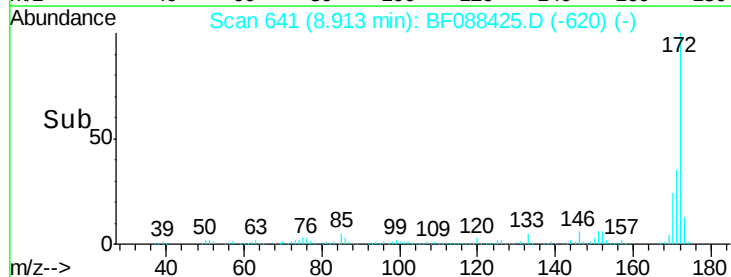
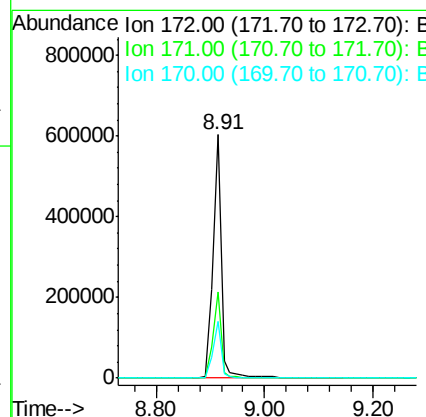
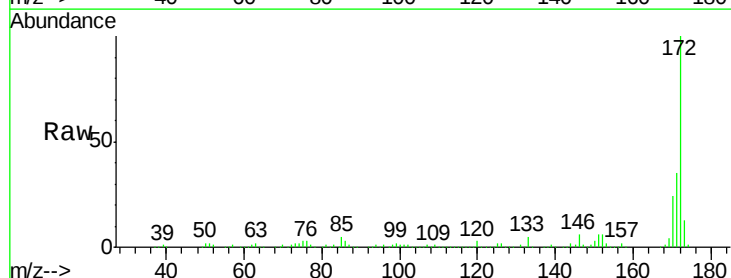
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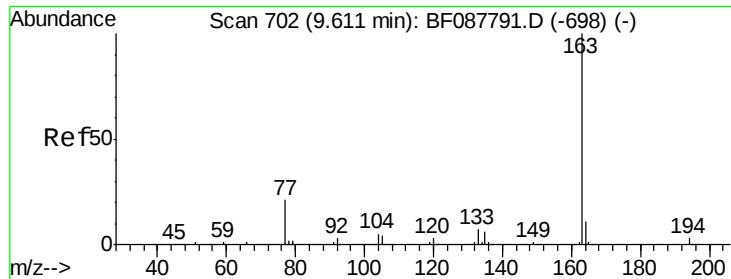
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#44
 2-Fluorobiphenyl
 Concen: 68.81 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088425.D
 Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.2	28.8





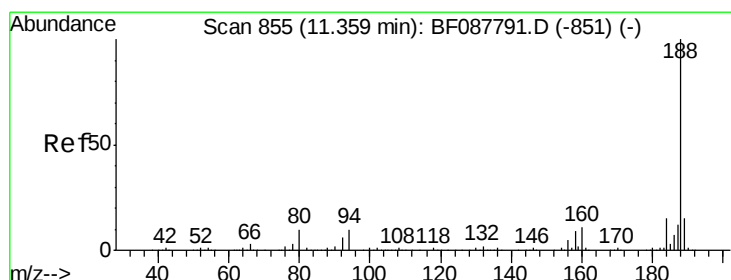
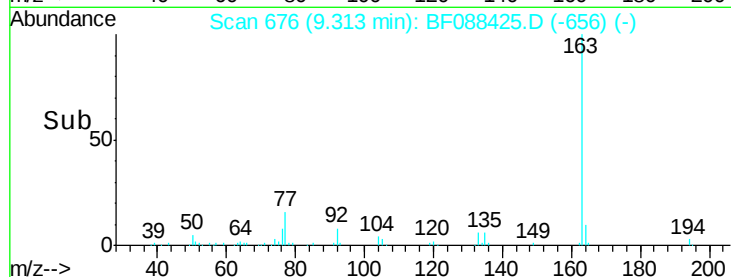
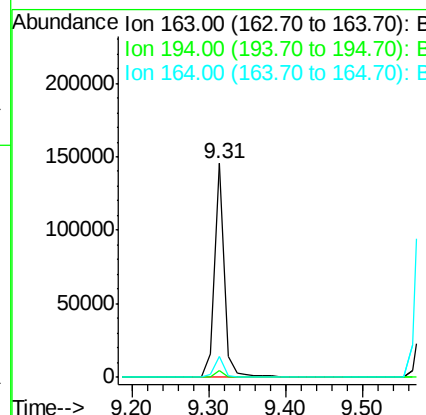
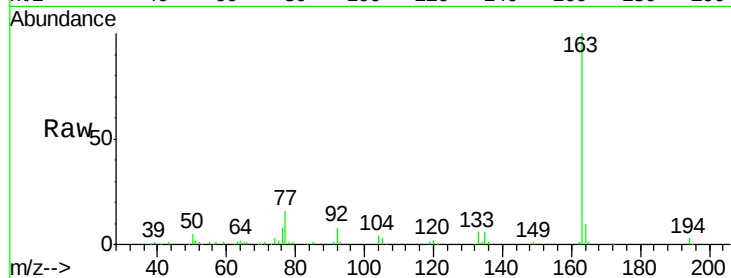
#49
Dimethylphthalate
Concen: 12.19 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Instrument :
BNA_F
ClientSampled :
TP-14

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.8	8.3	12.5

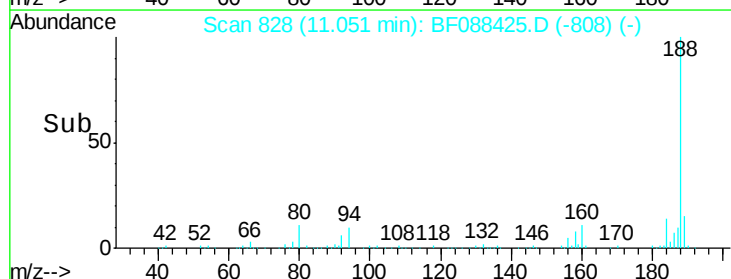
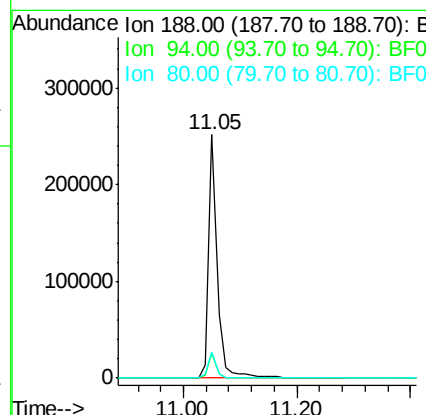
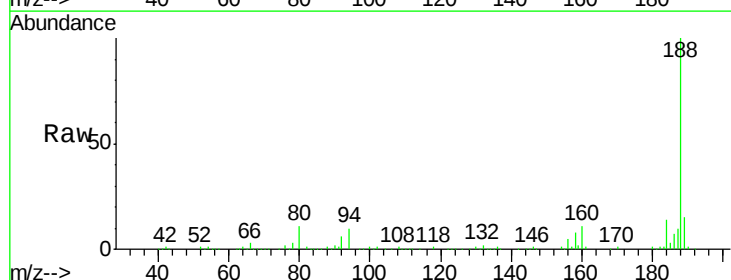
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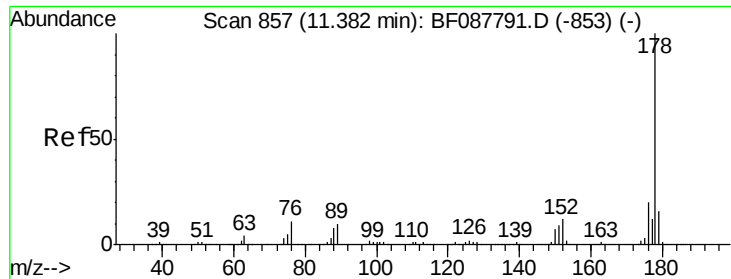
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.6
80	10.6	10.0	15.0





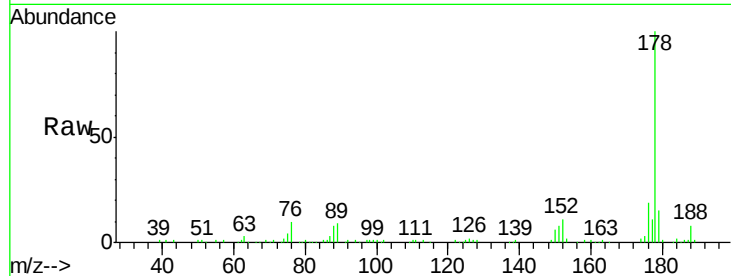
#70
Phenanthrene
Concen: 10.17 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.07 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TP-14

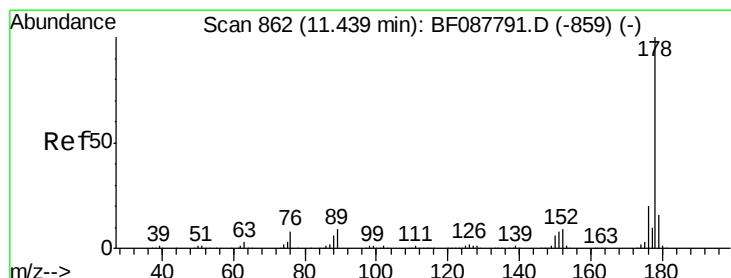
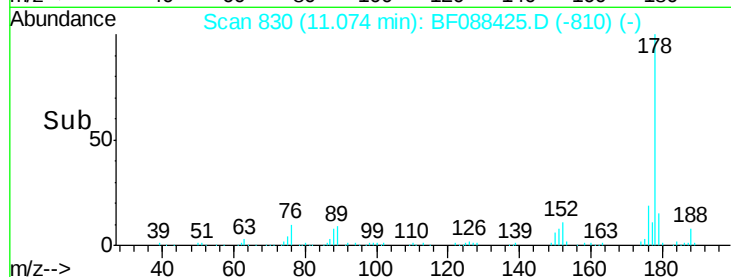
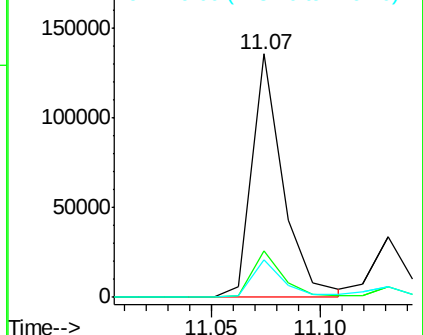
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.3	13.0	19.4

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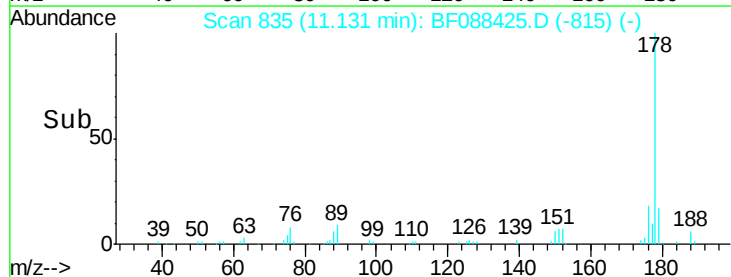
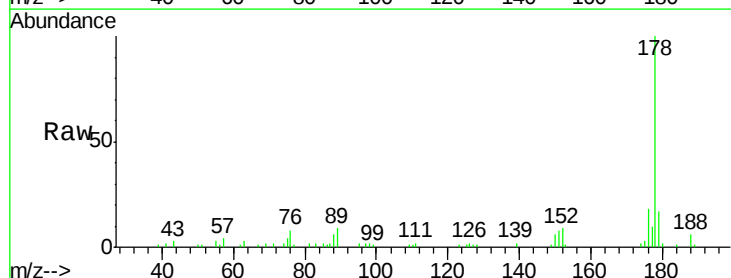
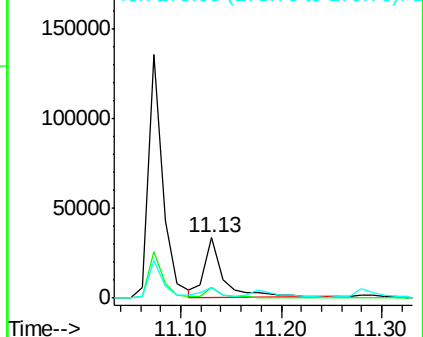
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

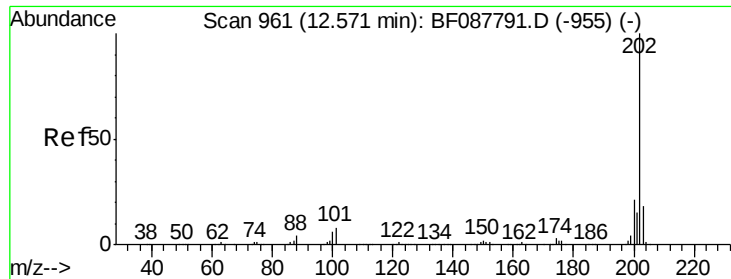


#71
Anthracene
Concen: 3.25 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	16.8	12.8	19.2

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: 38.71 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Instrument :

BNA_F

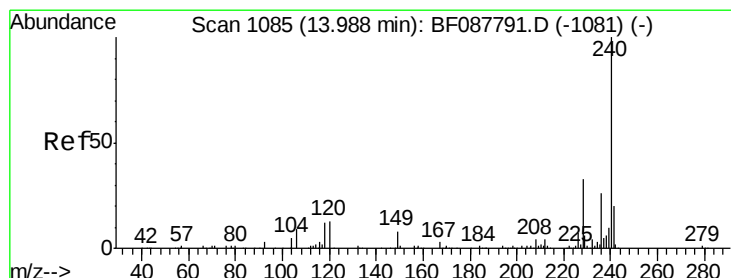
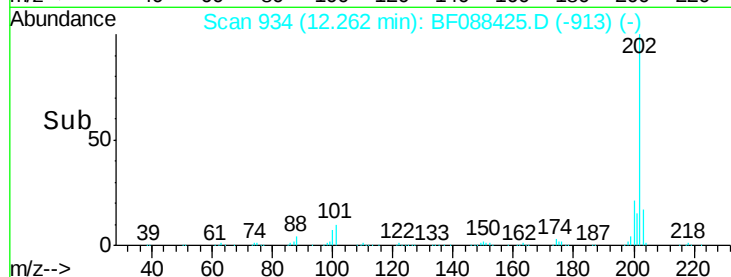
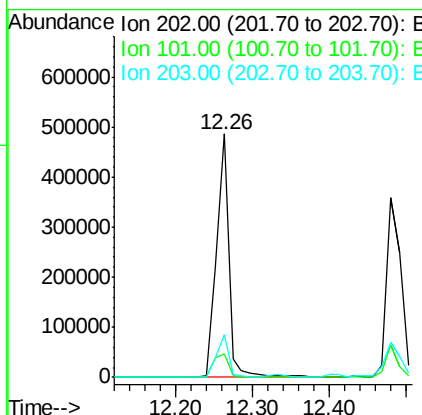
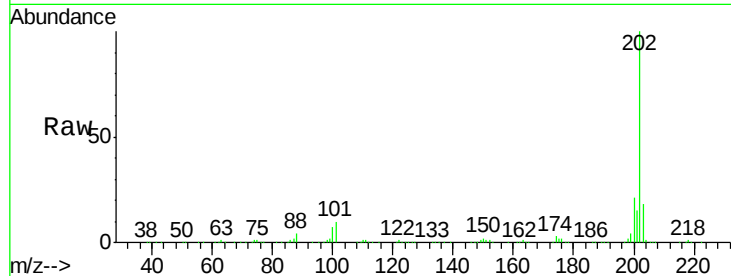
ClientSampleId :

TP-14

Tot Ion	Ratio	Resp	Lower	Upper
202	100	543992		
101	9.8	0.0	33.1	
203	17.6	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

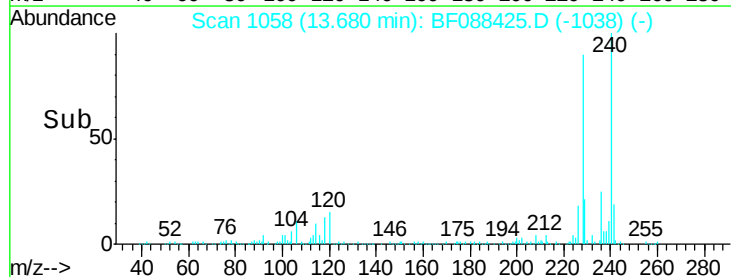
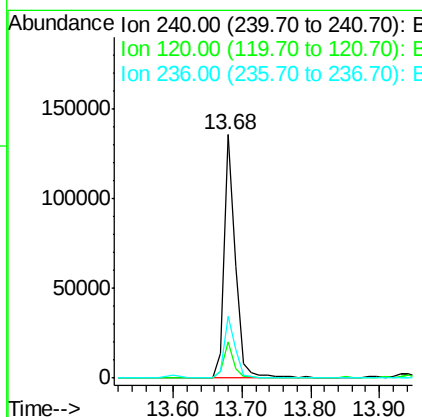
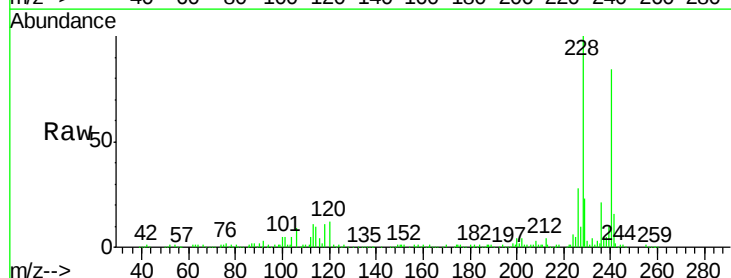
RT: 13.68 min Scan# 1058

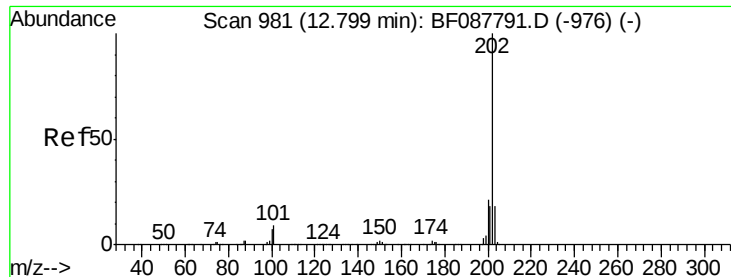
Delta R.T. -0.07 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	159067		
120	14.8	6.8	10.2#	
236	25.4	20.2	30.2	





#77

Pvrene

Concen: 39.32 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Instrument :

BNA_F

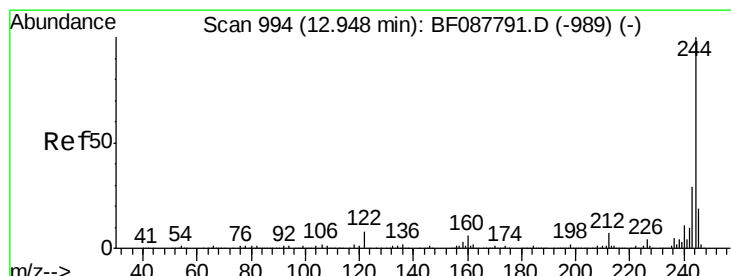
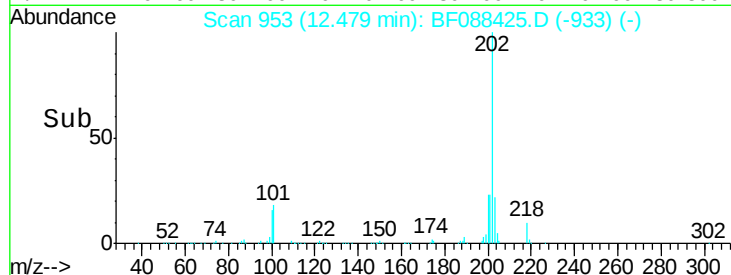
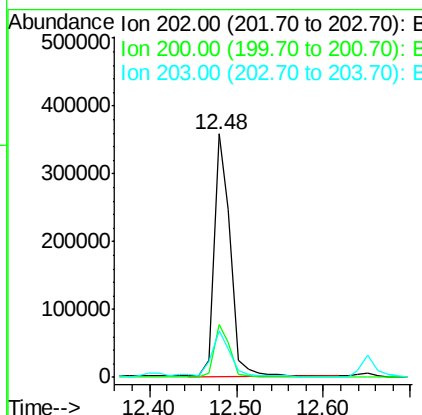
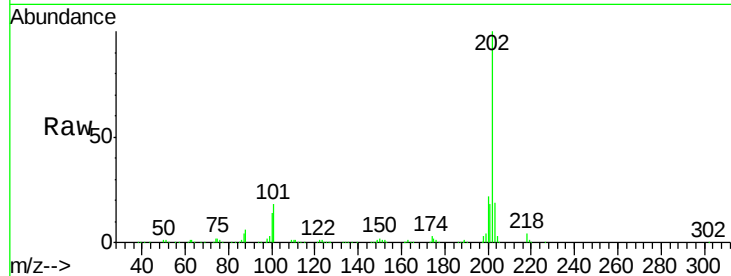
ClientSampleId :

TP-14

Tot Ion:	202	Resp:	464109
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	19.4	14.5	21.7

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#78

Terphenyl-d14

Concen: 64.07 ng

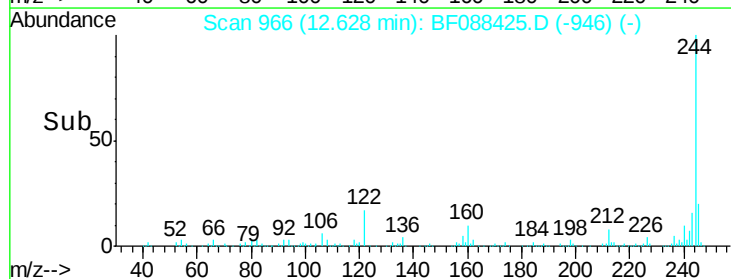
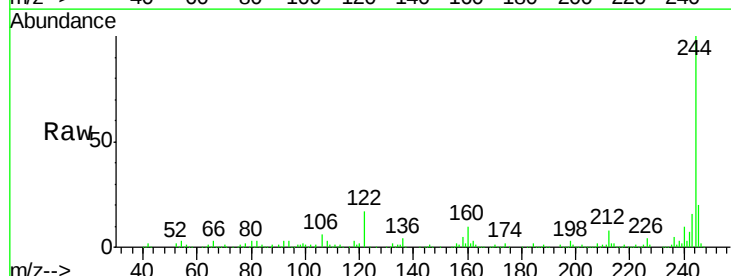
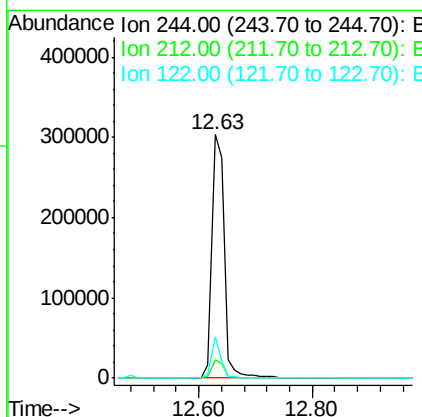
RT: 12.63 min Scan# 966

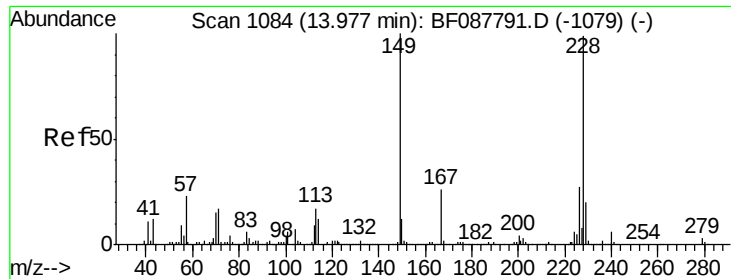
Delta R.T. -0.07 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Tgt Ion:	244	Resp:	447890
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	16.9	11.2	16.8#





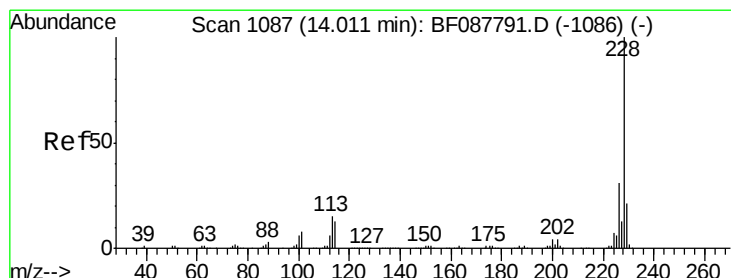
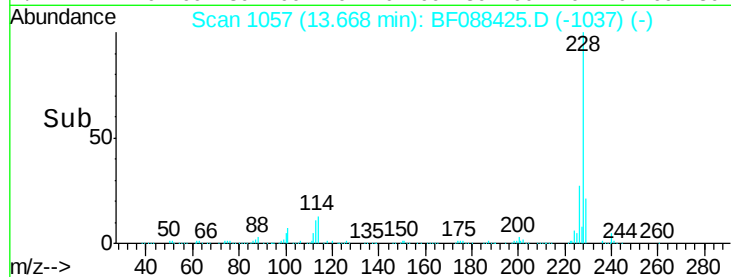
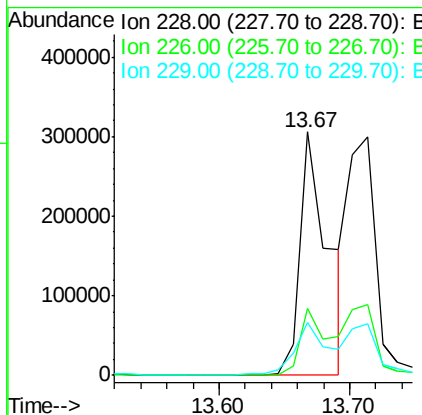
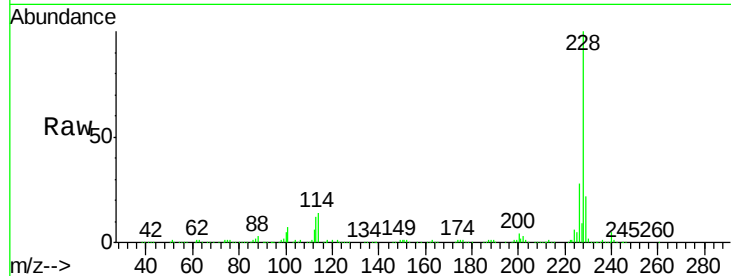
#80
Benzo(a)anthracene
Concen: 50.34 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Instrument :
BNA_F
ClientSampled :
TP-14

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	21.5	16.0	24.0

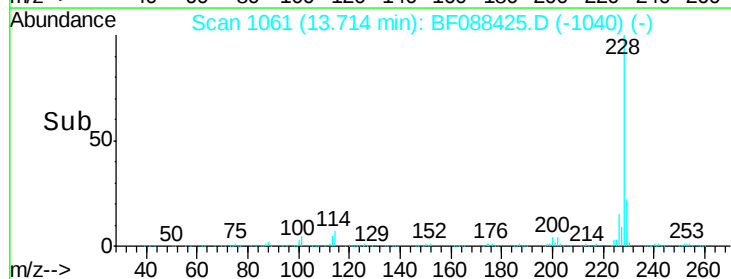
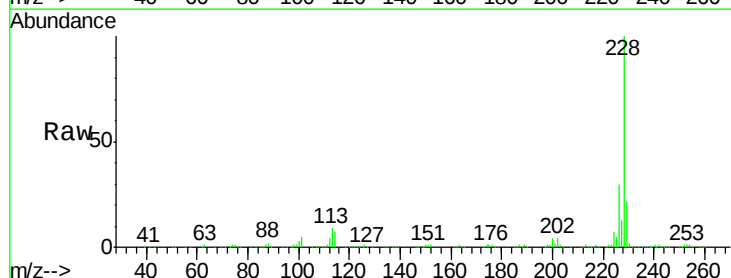
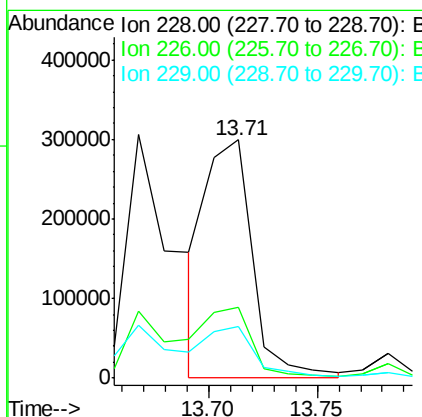
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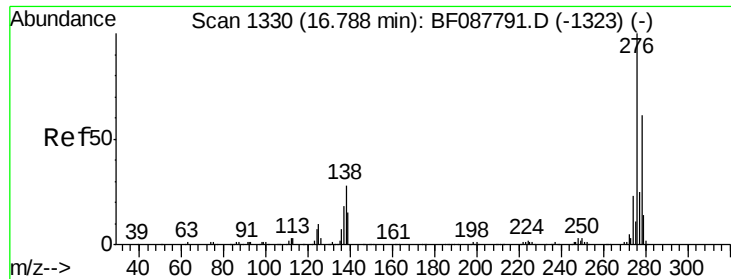
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#82
Chrysene
Concen: 51.94 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	21.6	16.3	24.5





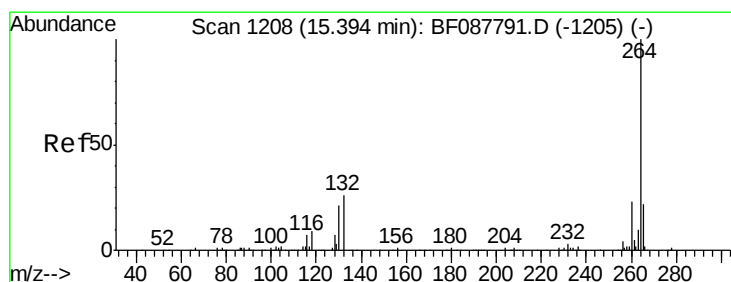
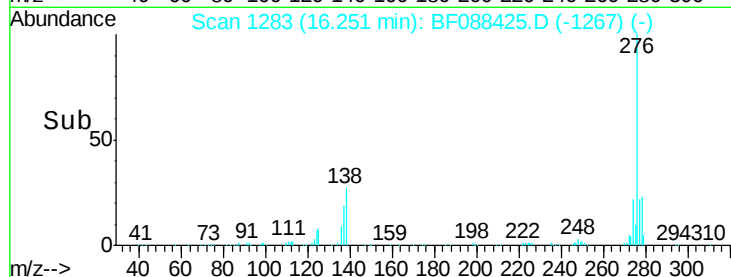
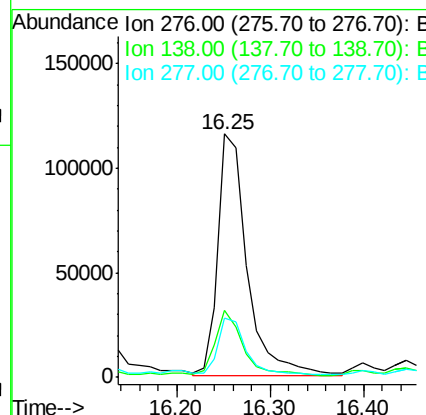
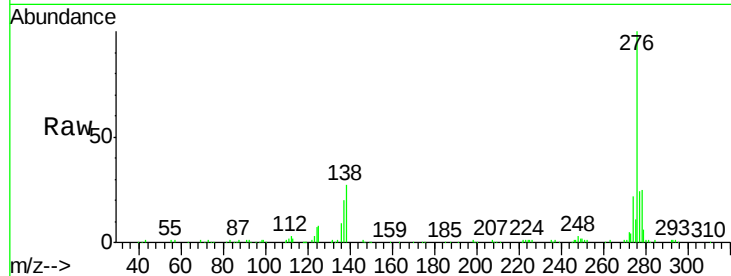
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.19 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.6	0.0	0.0#
277	22.3	0.0	0.0#

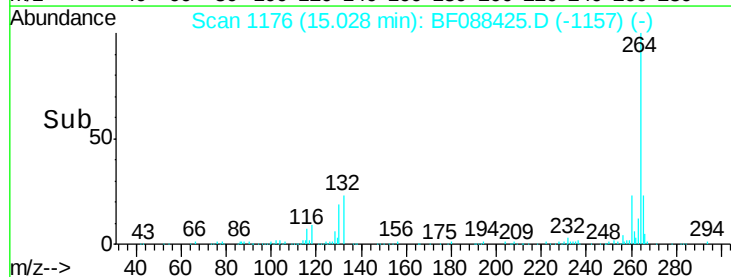
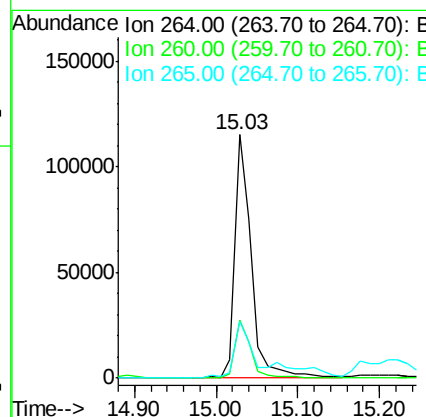
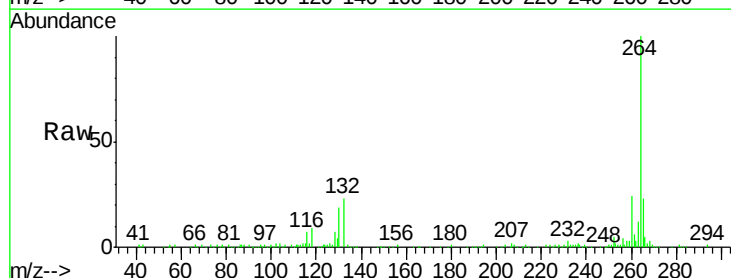
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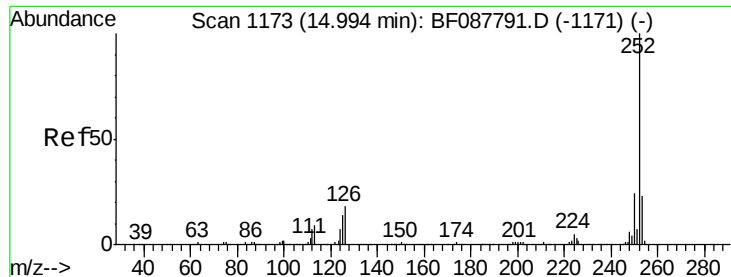
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.2	28.8
265	23.2	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 57.45 ng m

RT: 14.67 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Instrument :

BNA_F

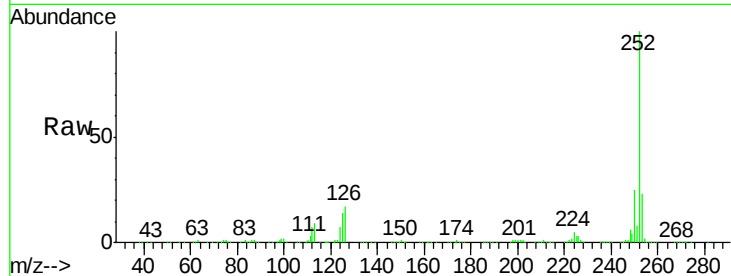
ClientSampleId :

TP-14

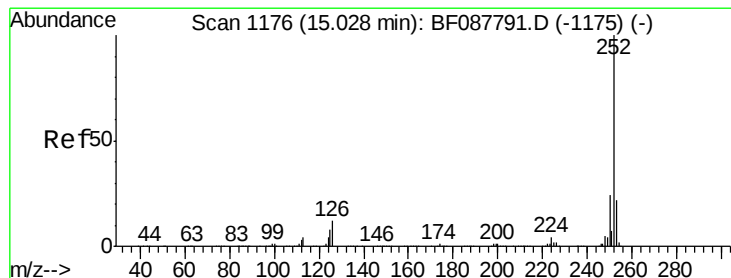
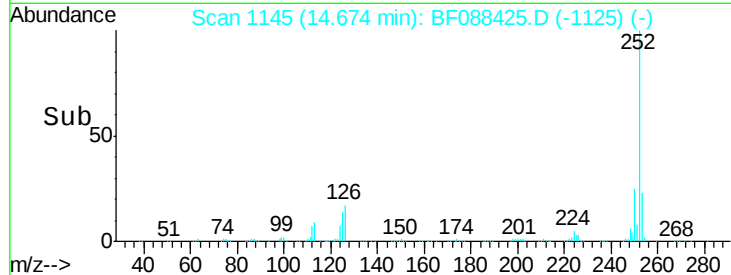
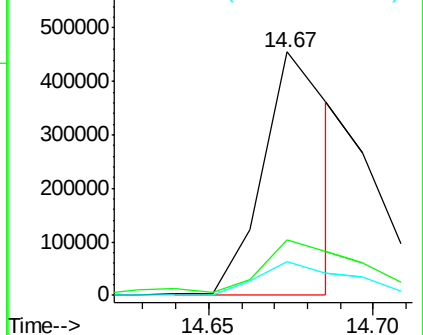
Tot Ion:	252	Resp:	647627
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.2
125	14.1	7.1	10.7#

Manual Integrations
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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: 32.75 ng m

RT: 14.69 min Scan# 1146

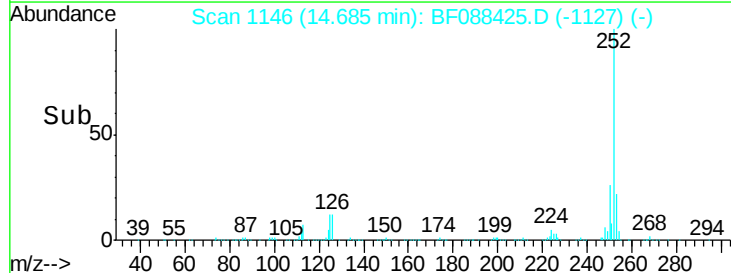
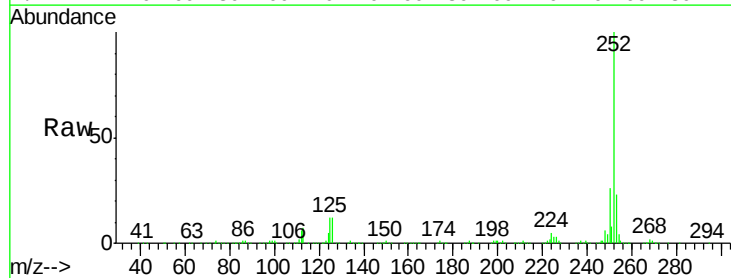
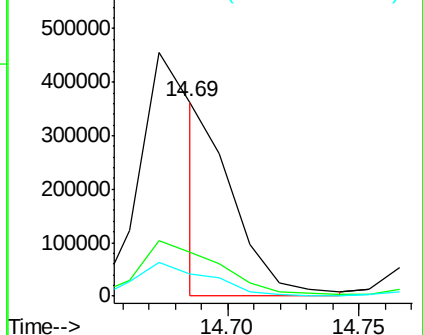
Delta R.T. -0.08 min

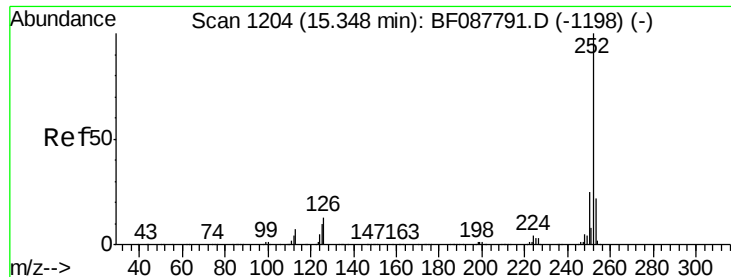
Lab File: BF088425.D

Acq: 26 Jun 2016 18:28

Tgt Ion:	252	Resp:	278512
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	11.6	11.2	16.8

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





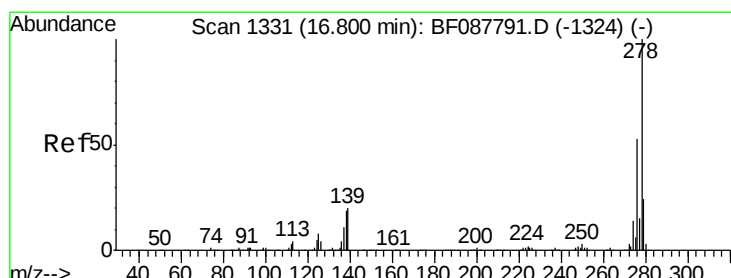
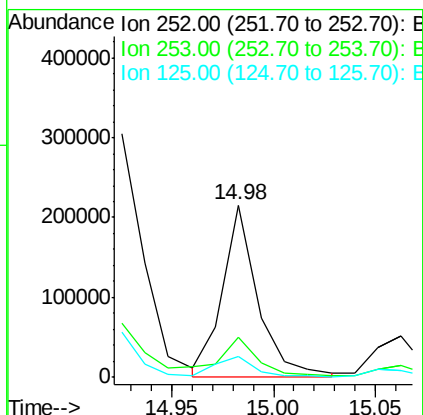
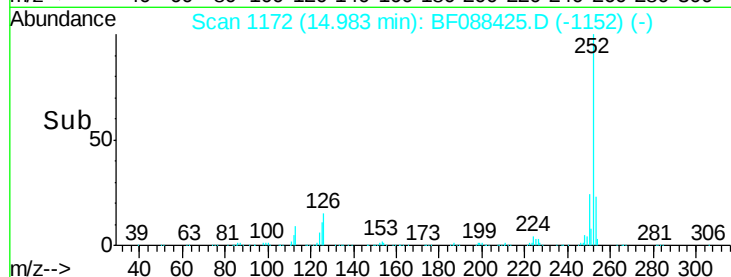
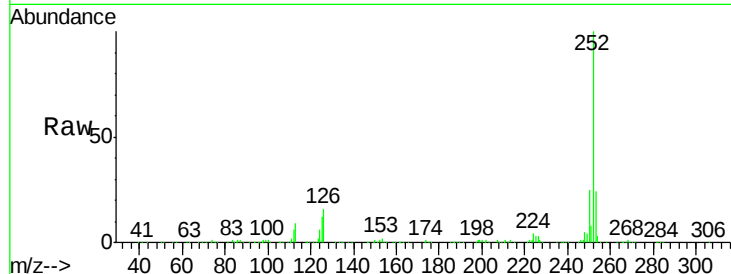
#89
Benzo(a)pyrene
Concen: 29.26 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	12.4	12.5	18.7

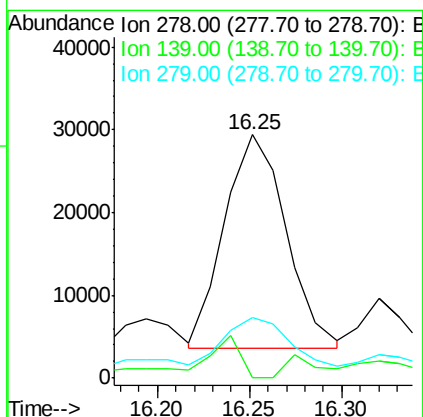
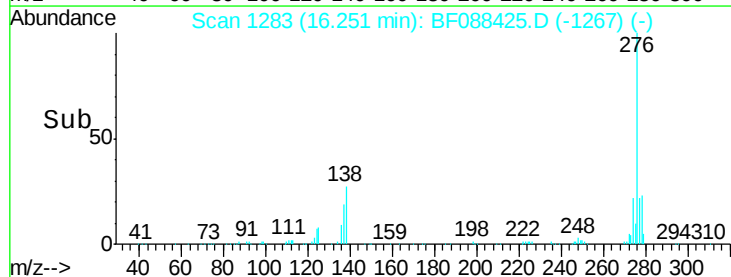
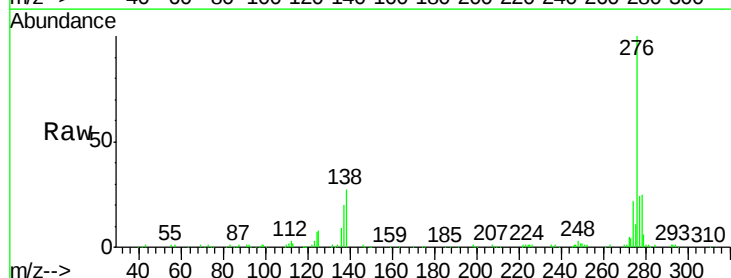
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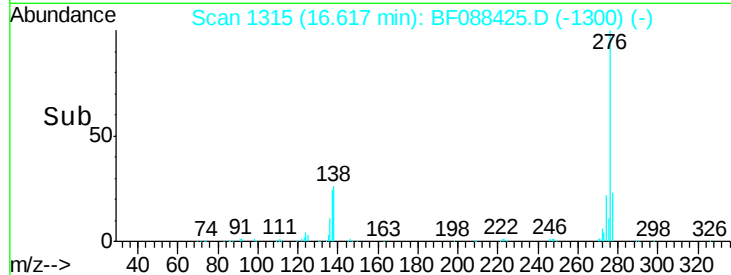
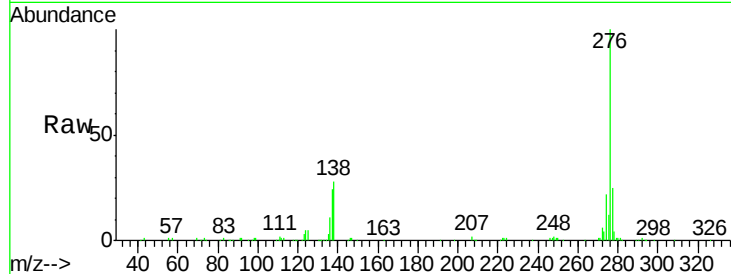
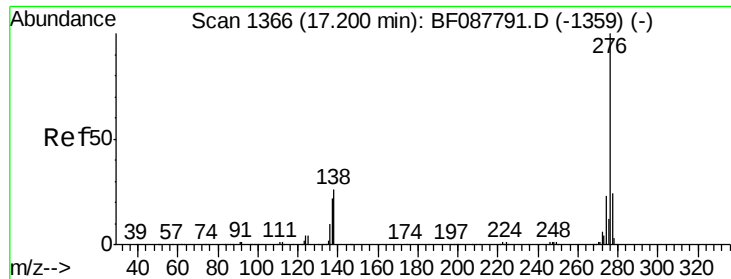
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#90
Dibenzo(a,h)anthracene
Concen: 7.04 ng m
RT: 16.25 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF088425.D
Acq: 26 Jun 2016 18:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.7	23.5
279	24.6	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 28.24 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.13 min
 Lab File: BF088425.D
 Acq: 26 Jun 2016 18:28

Tot Ion:	276	Resp:	246088
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.9	28.3
138	27.8	21.4	32.2

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Manual Integrations
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