

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084553.D
 Acq On : 19 Jan 2016 15:43
 Operator : SJ/UM
 Sample : H1158-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-9-20160114

Manual Integrations
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Quant Time: Jan 20 03:06:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	216859	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	877180	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	426059	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	725698	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	487672	20.00	ng	-0.05
86) Perylene-d12	15.36	264	408689	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1286029	95.92	ng	-0.03
7) Phenol-d6	6.43	99	1600560	95.05	ng	-0.05
23) Nitrobenzene-d5	7.36	82	932110	59.14	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	420721	97.81	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1684331	68.30	ng	-0.03
78) Terphenyl-d14	12.90	244	1110265	50.82	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.55	163	287847	9.45	ng	Qvalue # 89
70) Phenanthrene	11.33	178	741023	19.52	ng	
71) Anthracene	11.39	178	168071	4.52	ng	99
74) Fluoranthene	12.52	202	737279	18.59	ng	98
77) Pyrene	12.75	202	648329	16.94	ng	99
80) Benzo(a)anthracene	13.94	228	237071m	8.28	ng	95
82) Chrysene	13.97	228	229673m	8.35	ng	
85) Indeno(1,2,3-cd)pyrene	16.71	276	121394	5.57	ng	99
87) Benzo(b)fluoranthene	14.96	252	216342m	8.09	ng	
88) Benzo(k)fluoranthene	14.97	252	97531m	4.46	ng	99
89) Benzo(a)pyrene	15.30	252	166108	7.33	ng	
91) Benzo(a,h,i)perylene	17.12	276	108483	5.37	ng	98

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

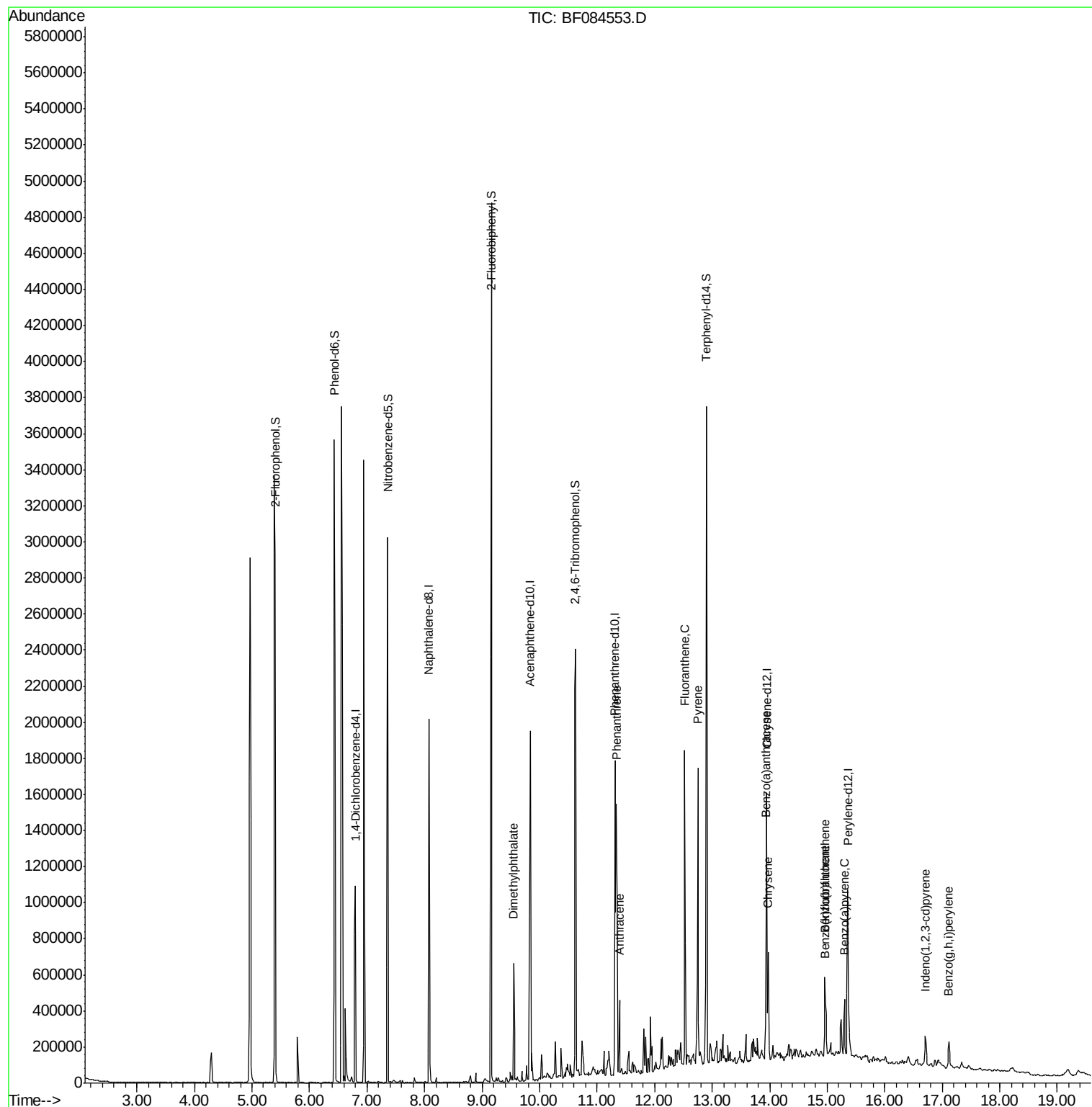
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084553.D
Acq On : 19 Jan 2016 15:43
Operator : SJ/UM
Sample : H1158-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

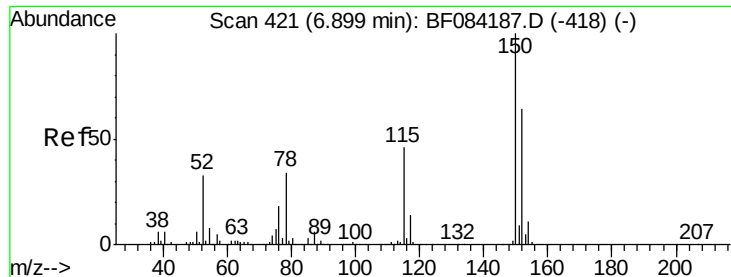
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jan 20 03:06:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

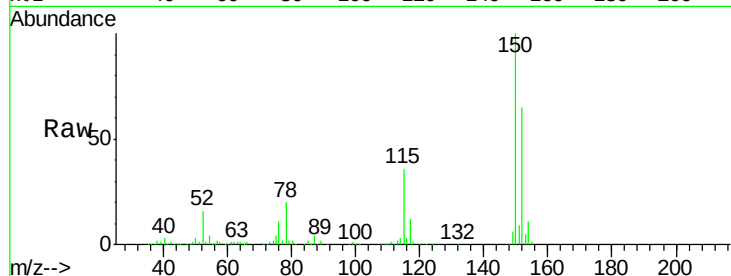
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.4
115	56.0	51.4	77.2

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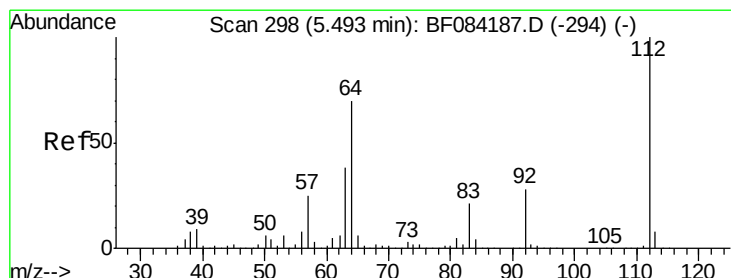
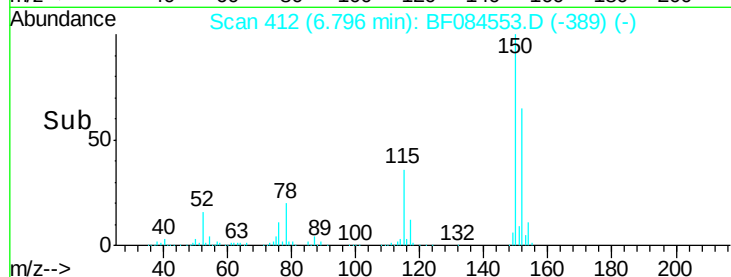
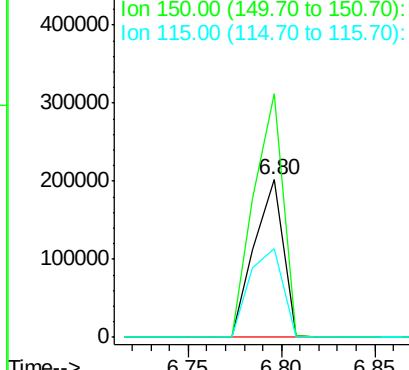


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

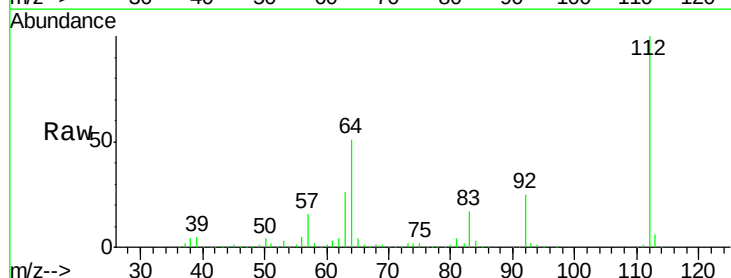
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.92 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	36.6	55.0
63	26.2	19.4	29.0

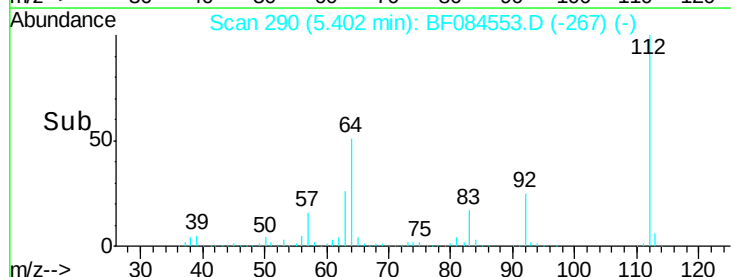
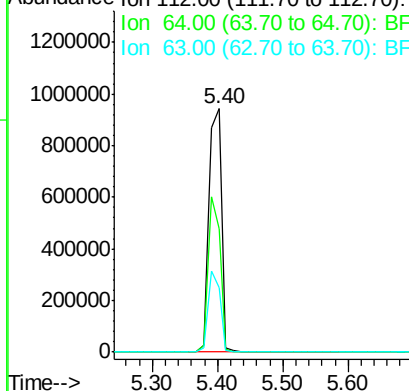


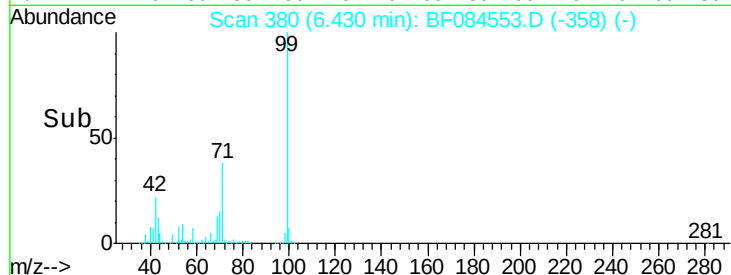
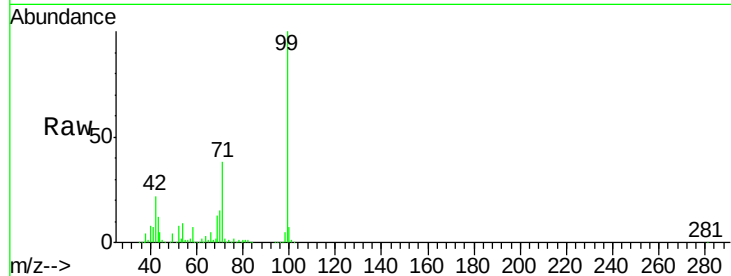
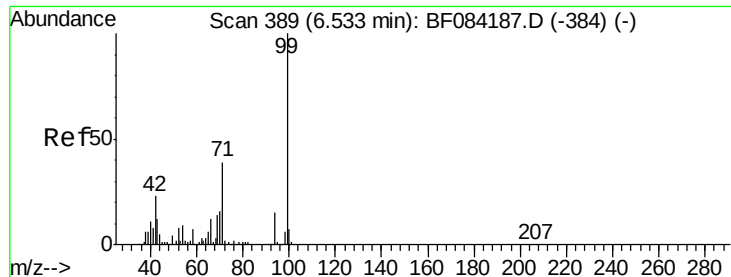
Abundance

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: 95.05 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084553.D

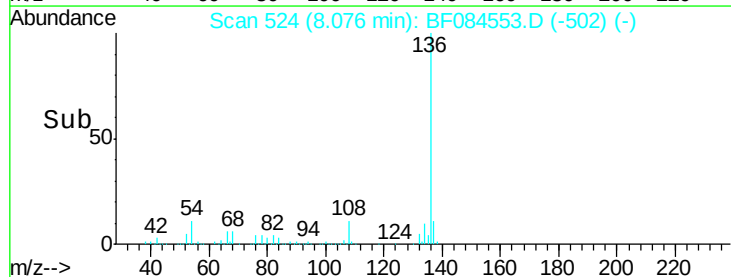
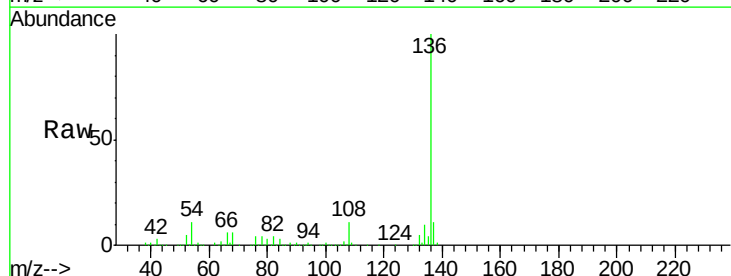
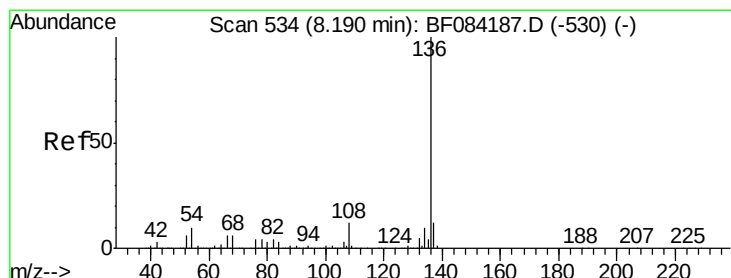
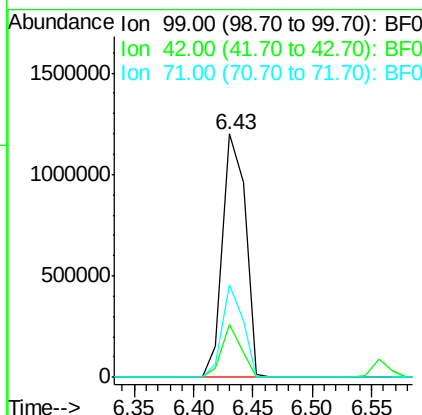
Acq: 19 Jan 2016 15:43

Tot Ion:	99	Resp:	1600560
Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	37.9	30.9	46.3

Instrument :
BNA_F
ClientSampleId :
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#21

Naphthalene-d8

Concen: 20.00 ng

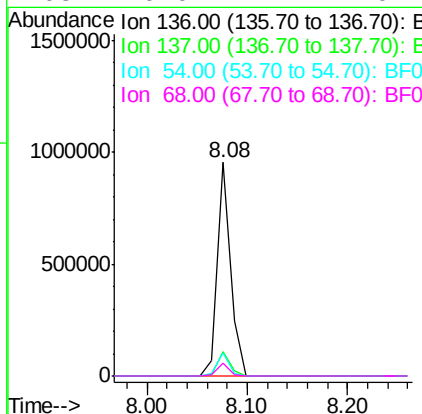
RT: 8.08 min Scan# 524

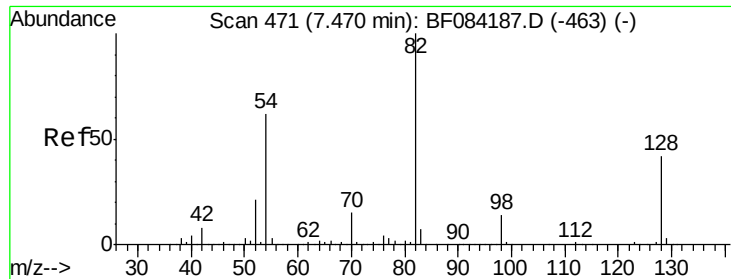
Delta R.T. -0.05 min

Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

Tgt Ion:	136	Resp:	877180
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.6	5.8	8.8#
68	6.0	4.2	6.2





#23

Nitrobenzene-d5

Concen: 59.14 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

Instrument :

BNA_F

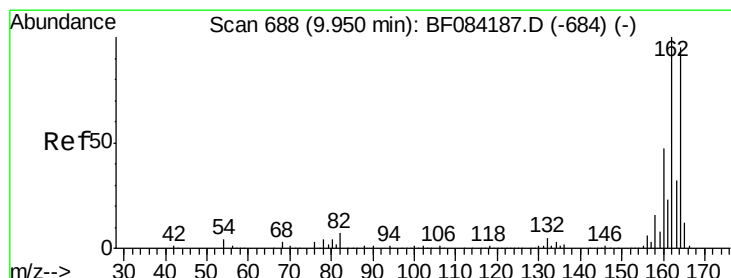
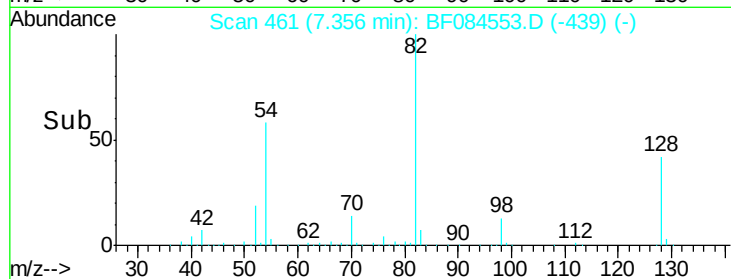
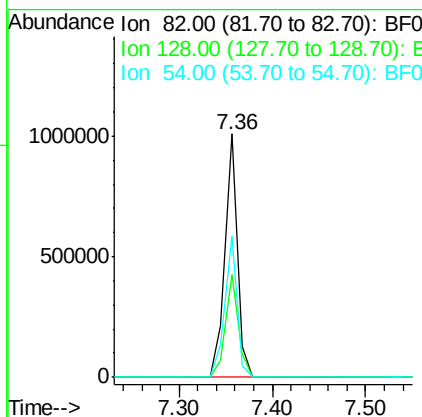
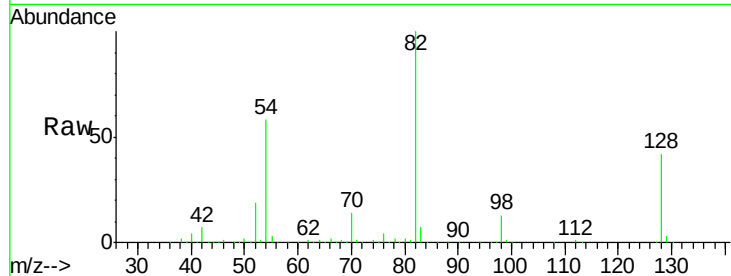
ClientSampleId :

POSTEX-9-20160114

Tot Ion:	82	Resp:	932110
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.6	51.8
54	58.2	38.4	57.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

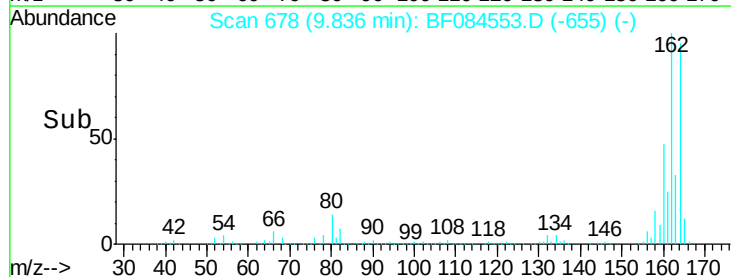
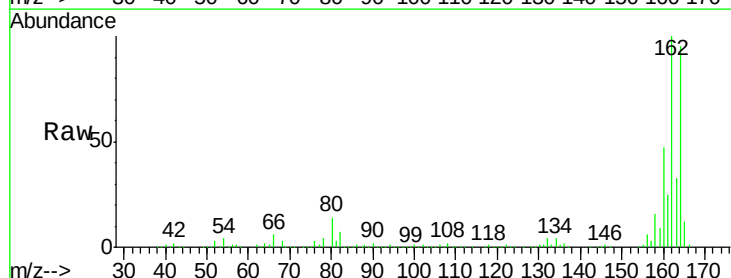
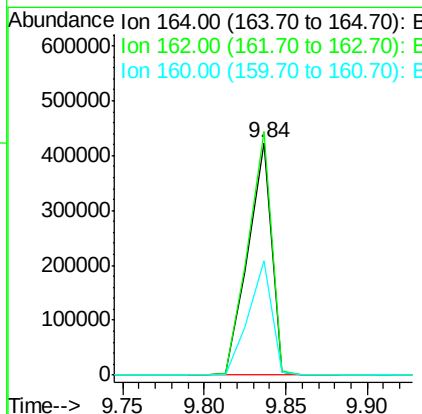
RT: 9.84 min Scan# 678

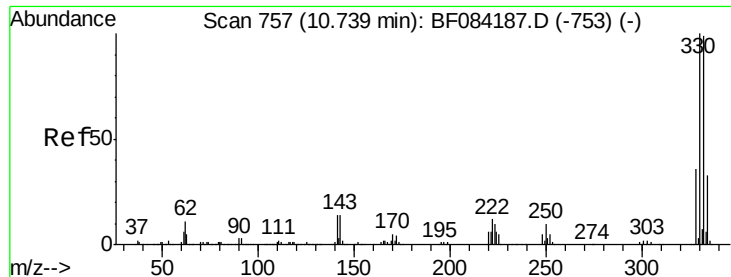
Delta R.T. -0.03 min

Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

Tgt Ion:	164	Resp:	426059
Ion Ratio	Lower	Upper	
164	100		
162	104.9	85.1	127.7
160	49.5	37.5	56.3





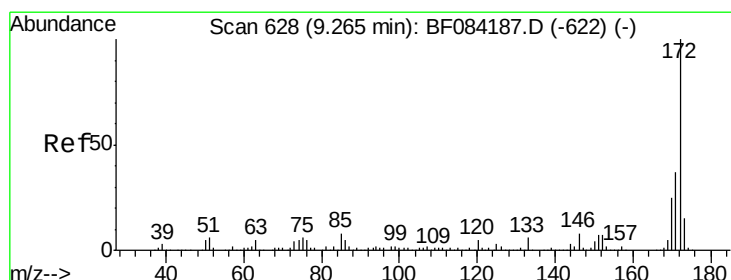
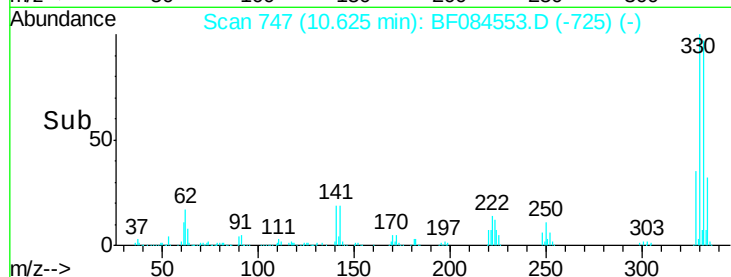
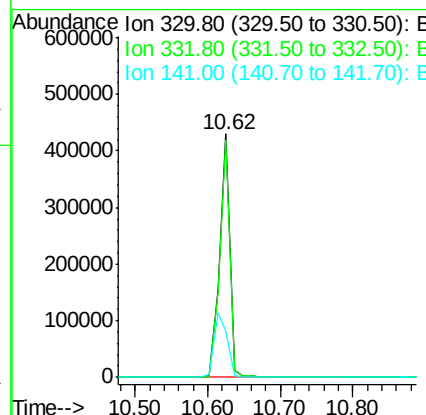
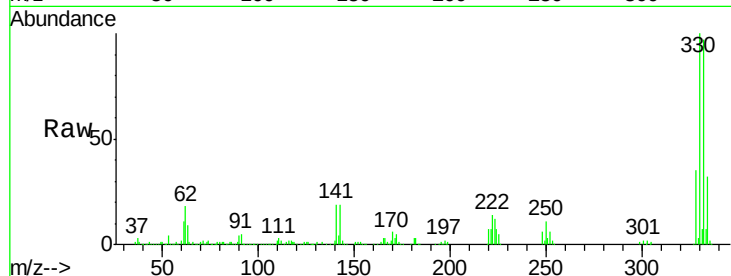
#41
 2,4,6-Tribromophenol
 Concen: 97.81 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084553.D
 Acq: 19 Jan 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-9-20160114

Tot Ion	Ratio	Resp	Lower	Upper
330	100	420721		
332	97.1		76.6	114.8
141	34.0		27.8	41.6

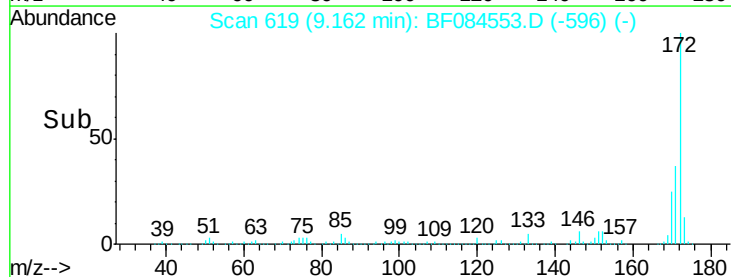
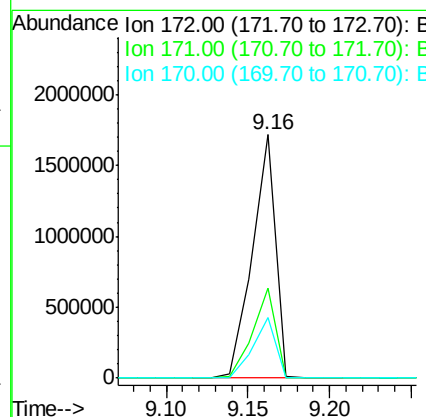
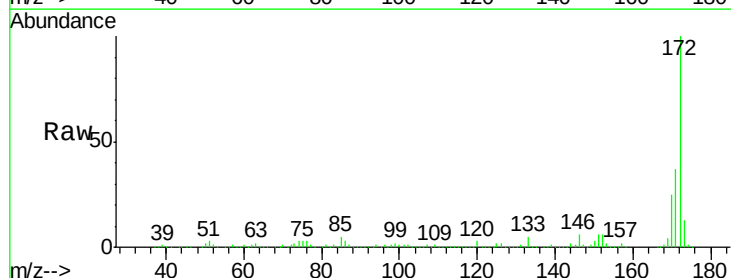
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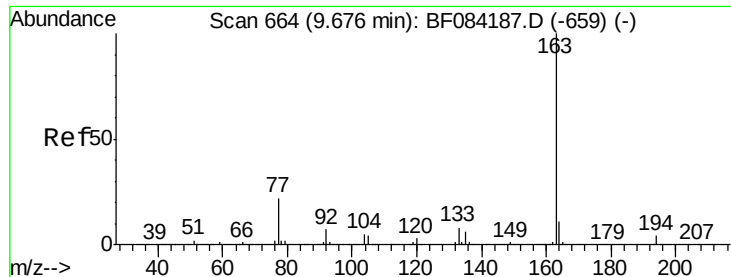
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#44
 2-Fluorobiphenyl
 Concen: 68.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084553.D
 Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1684331		
171	37.1		28.9	43.3
170	24.9		18.6	27.8





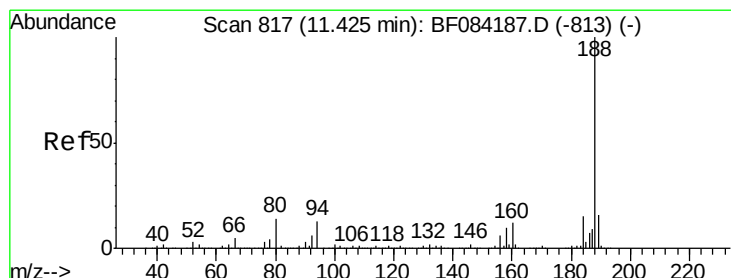
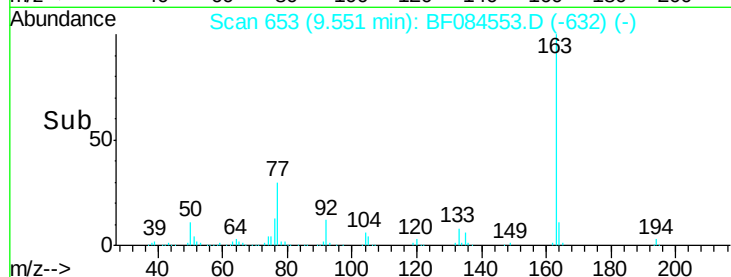
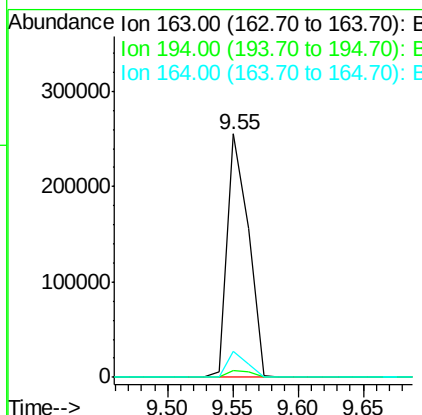
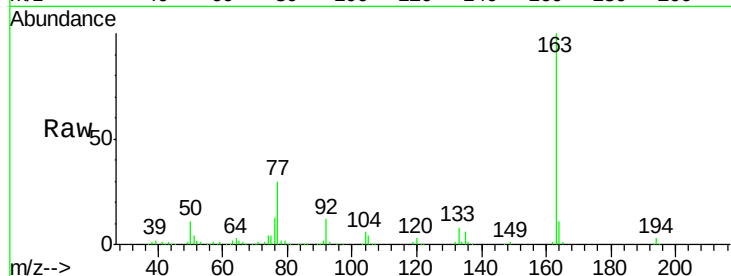
#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	287847		
194	2.7	8.0	12.0	
164	10.8	8.0	12.0	

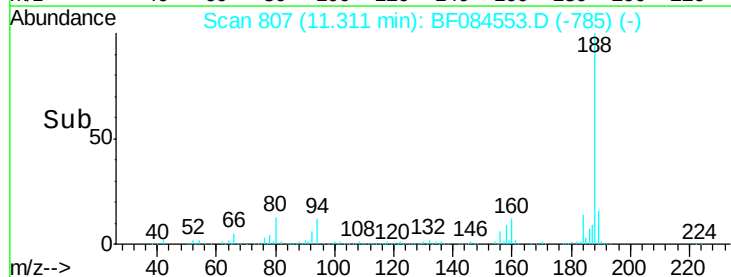
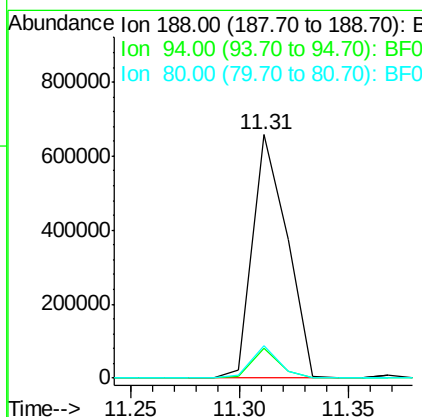
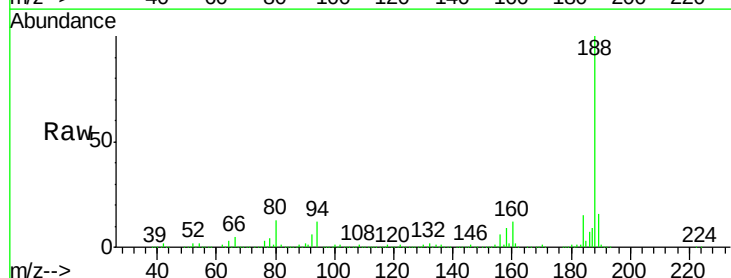
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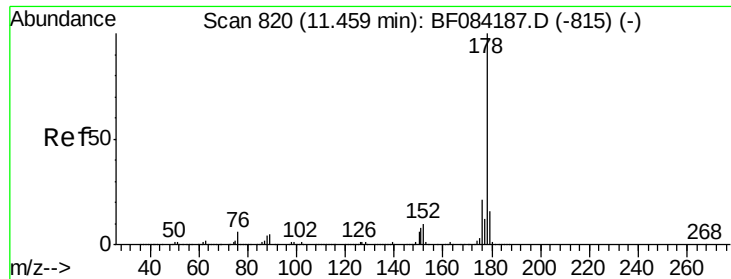
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	725698		
94	12.0	9.0	13.4	
80	13.3	9.6	14.4	





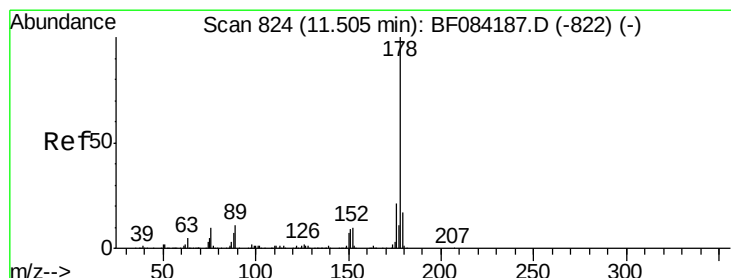
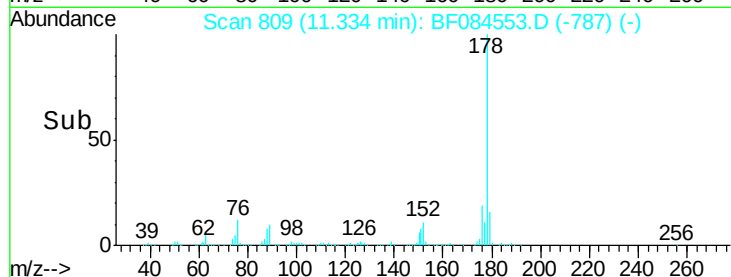
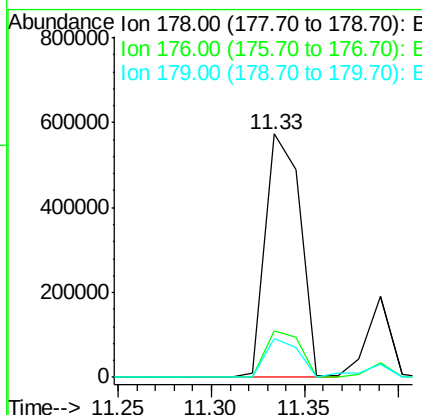
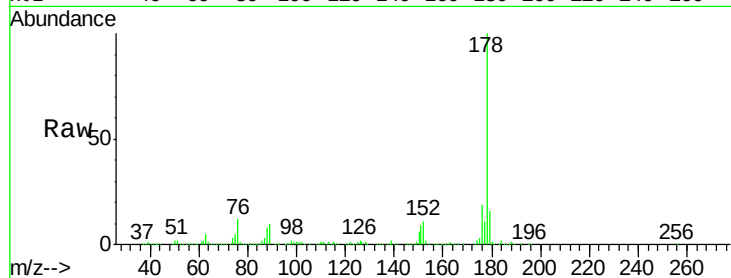
#70
Phenanthrene
Concen: 19.52 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.2	12.0	18.0

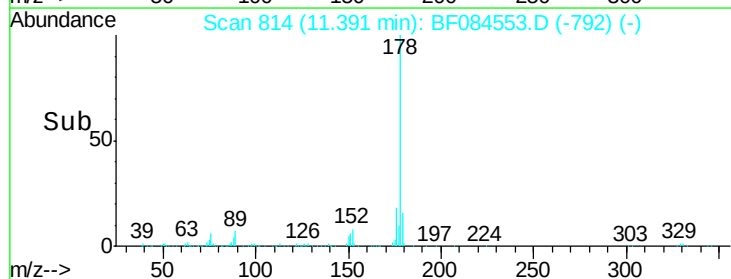
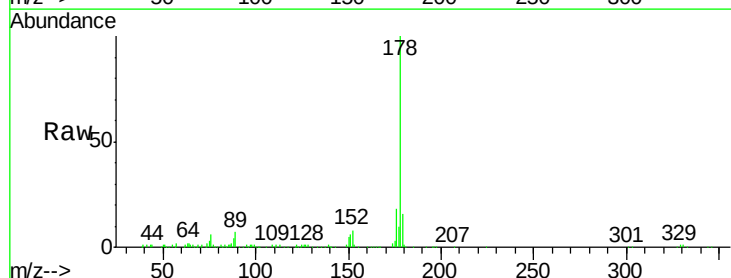
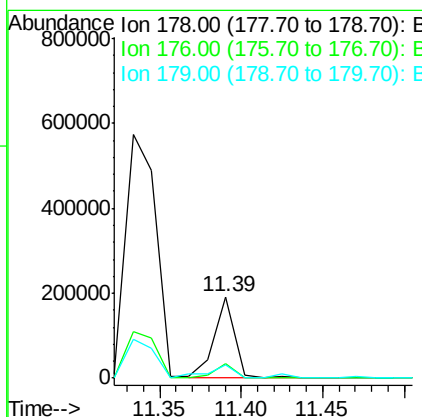
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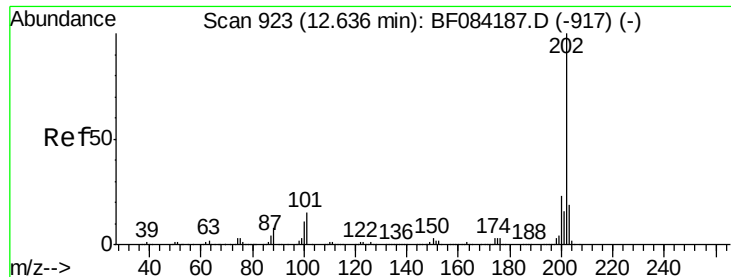
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#71
Anthracene
Concen: 4.52 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.7	12.5	18.7





#74

Fluoranthene

Concen: 18.59 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

Instrument :

BNA_F

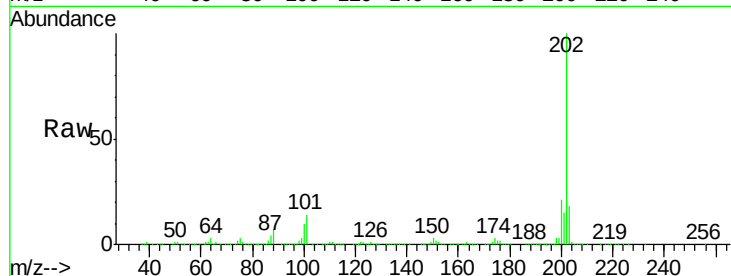
ClientSampleId :

POSTEX-9-20160114

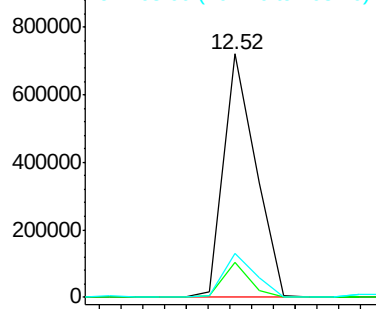
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.4	0.0	32.8		
203	18.2	0.0	37.9		

Manual Integrations
APPROVED

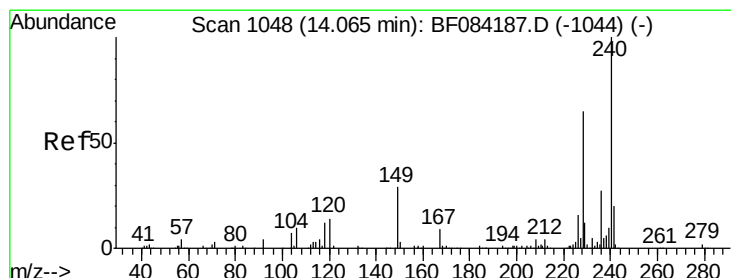
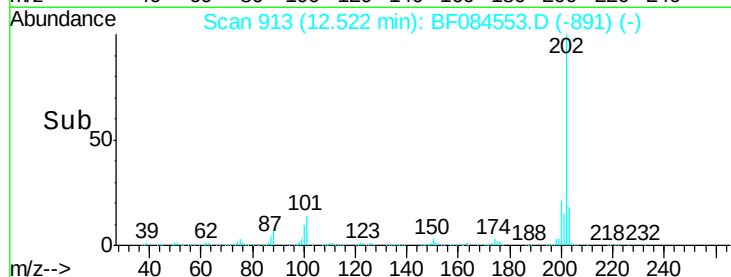
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

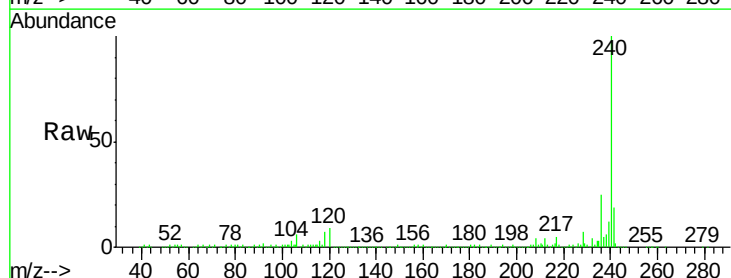
RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

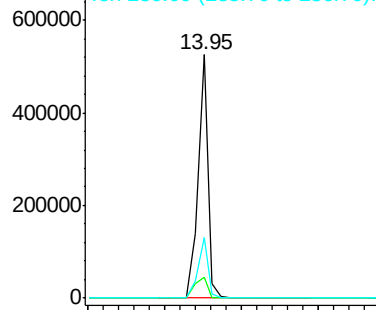
Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

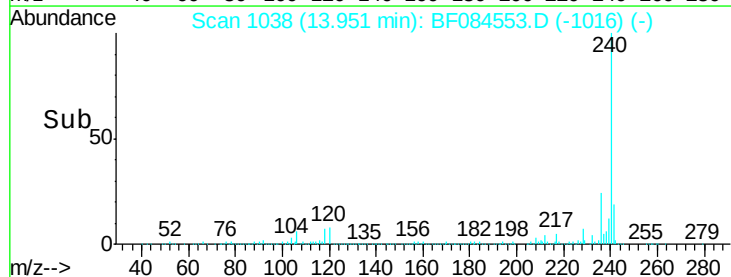
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	8.5	9.5	14.3#		
236	24.6	20.6	31.0		

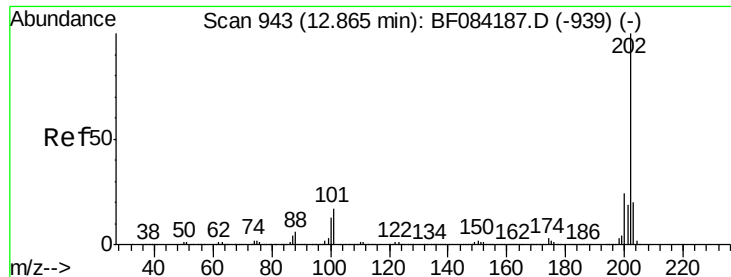


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pvrene

Concen: 16.94 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

Instrument :

BNA_F

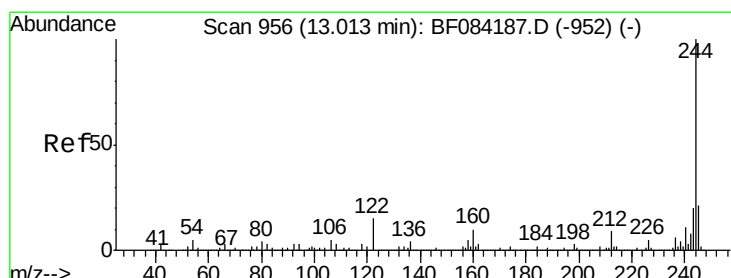
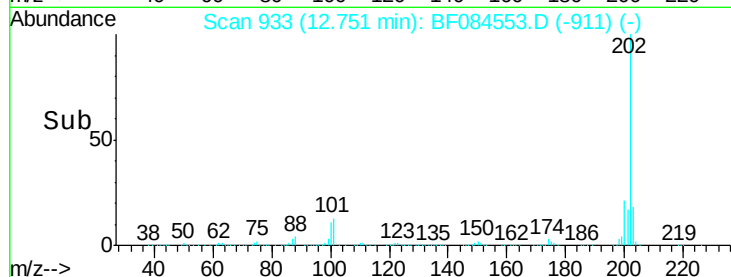
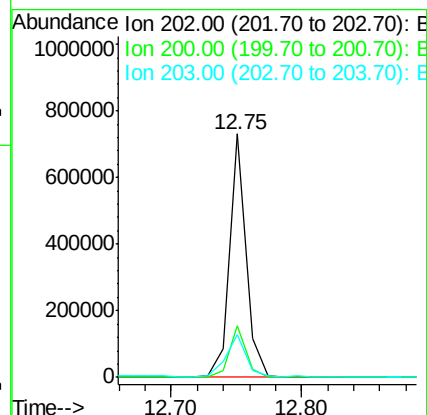
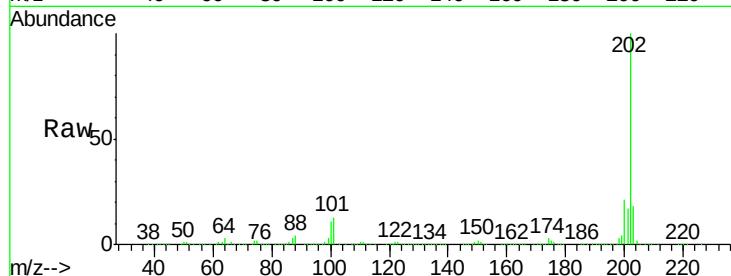
ClientSampleId :

POSTEX-9-20160114

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 50.82 ng

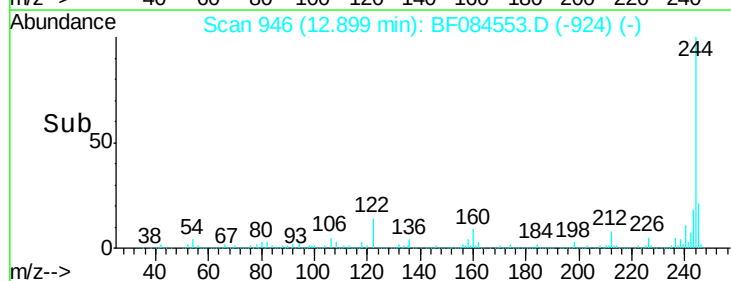
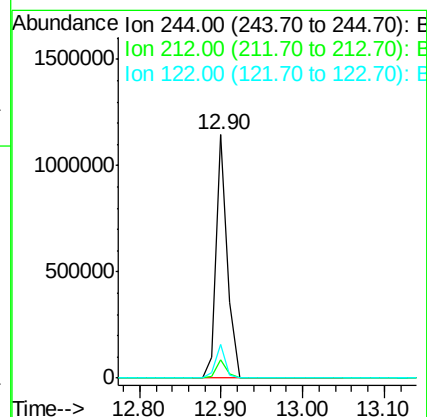
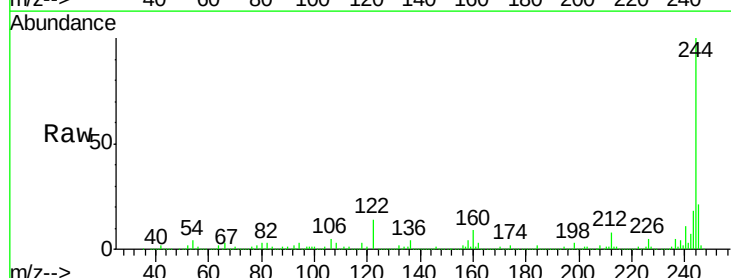
RT: 12.90 min Scan# 946

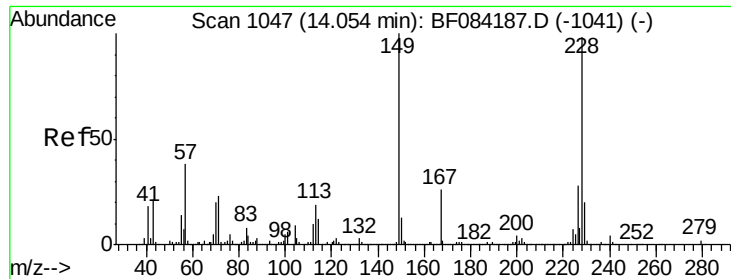
Delta R.T. -0.05 min

Lab File: BF084553.D

Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.0	7.4	11.0





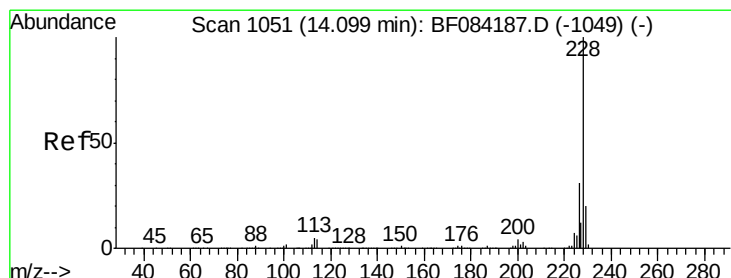
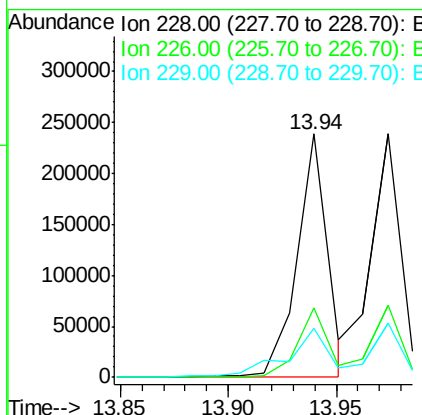
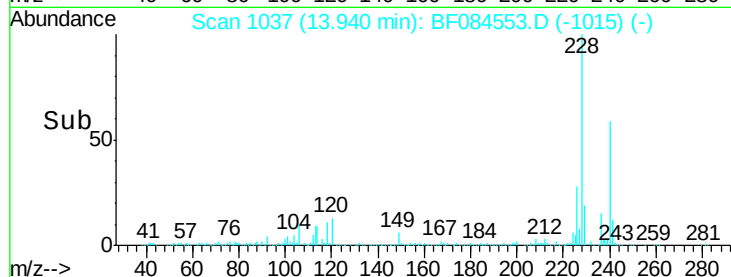
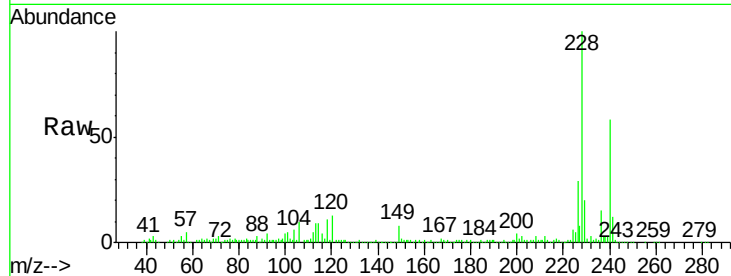
#80
Benzo(a)anthracene
Concen: 8.28 ng m
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.6
229	20.4	15.8	23.8

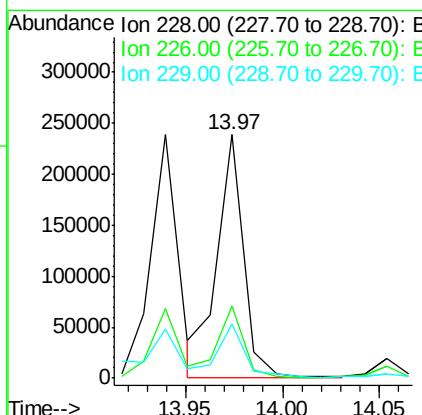
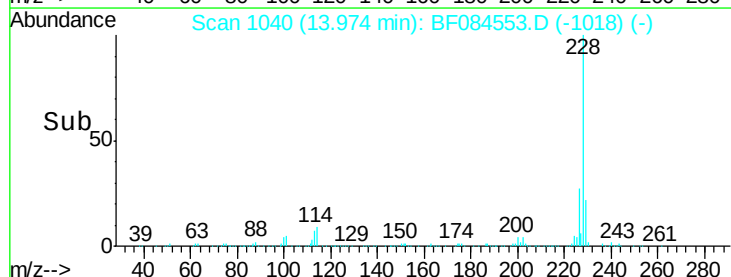
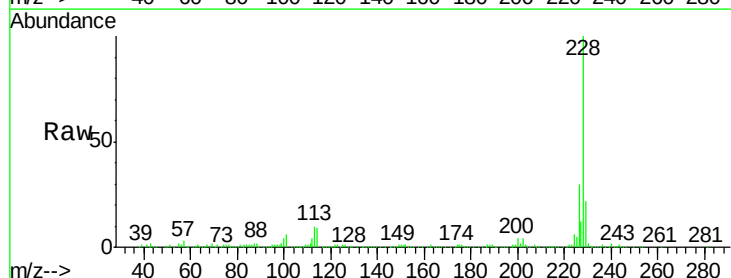
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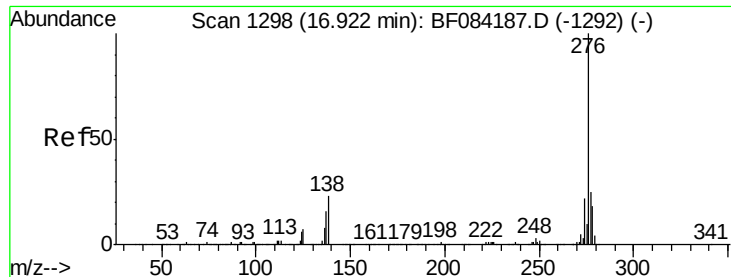
mohammad
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#82
Chrysene
Concen: 8.35 ng m
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	22.1	16.1	24.1





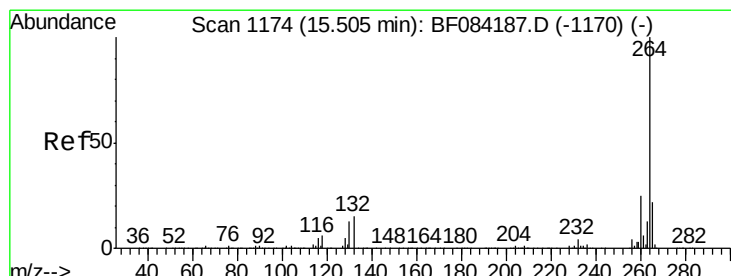
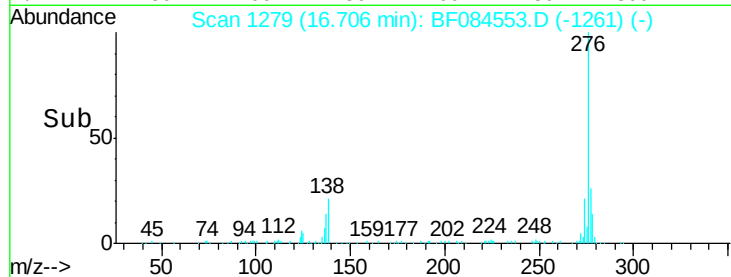
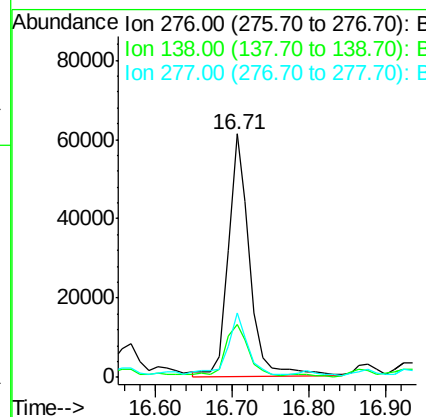
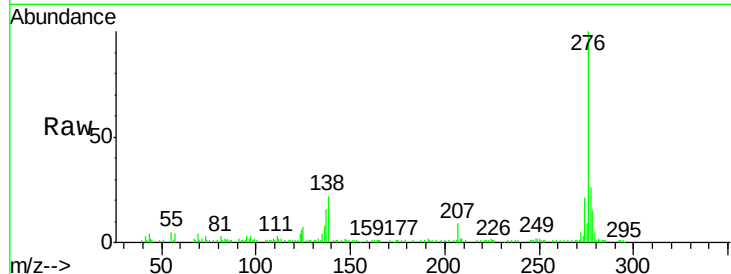
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.57 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. -0.09 min
 Lab File: BF084553.D
 Acq: 19 Jan 2016 15:43

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-9-20160114

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.6	30.8
277	23.6	20.1	30.1

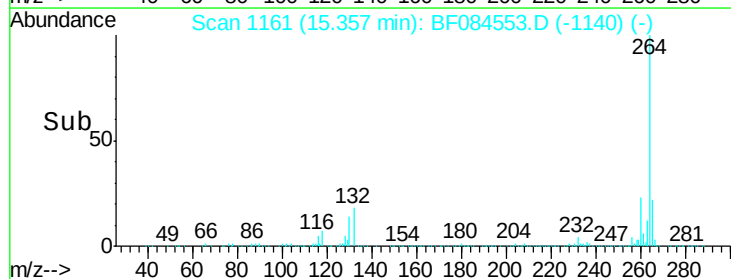
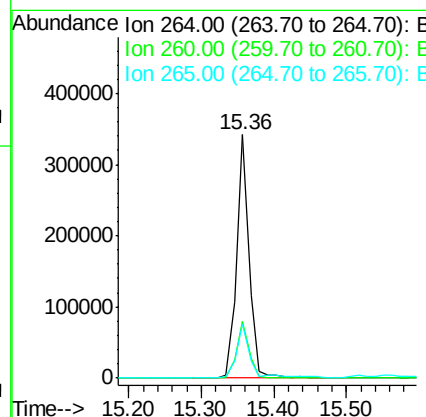
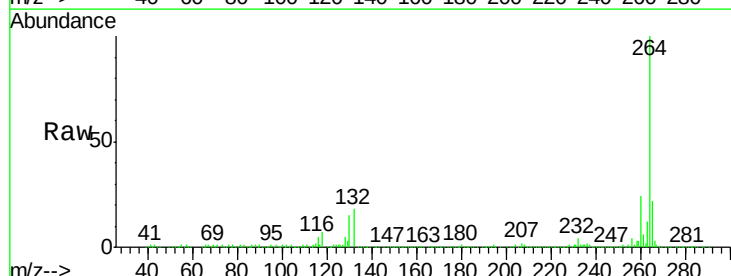
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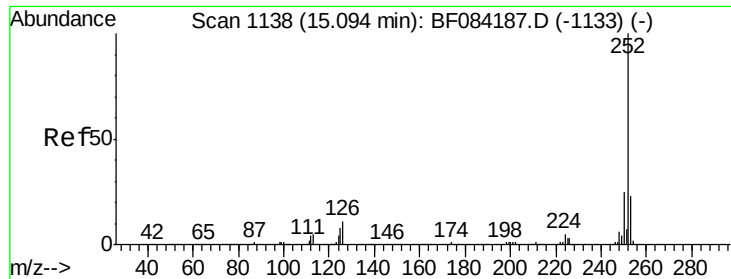
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084553.D
 Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.3	17.8	26.6





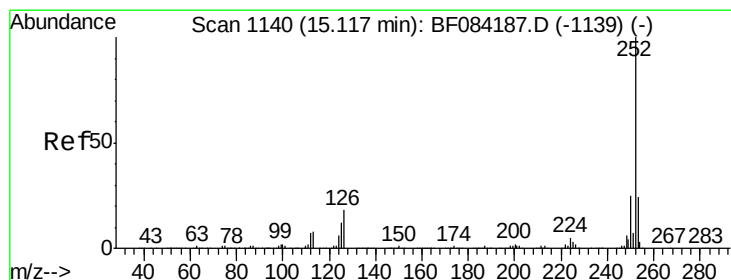
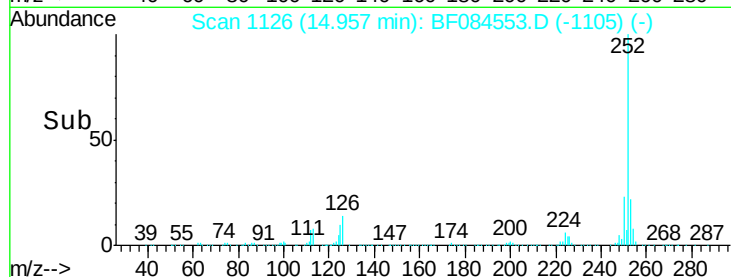
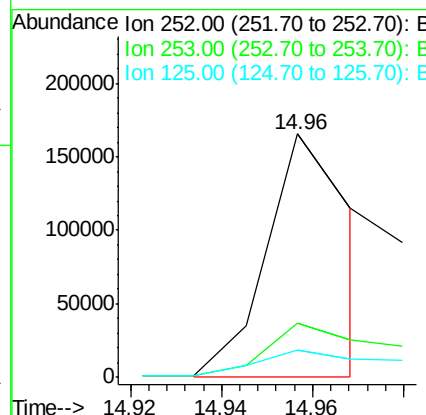
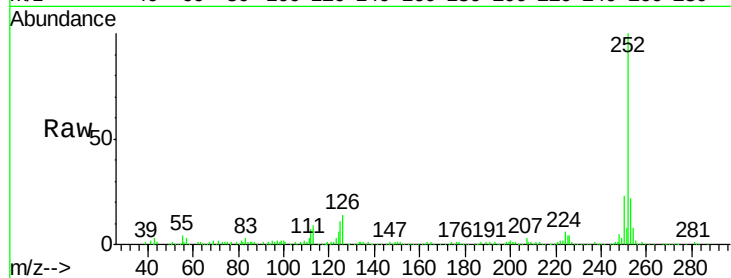
#87
Benzo(b)fluoranthene
Concen: 8.09 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.0	6.5	9.7#

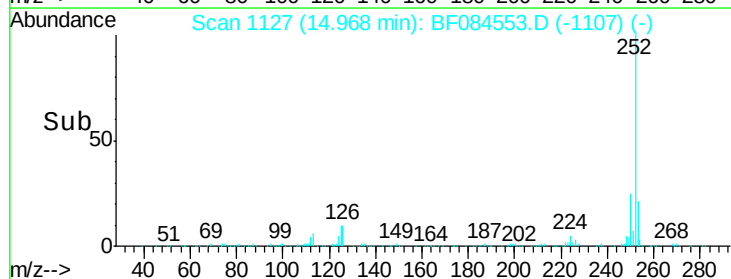
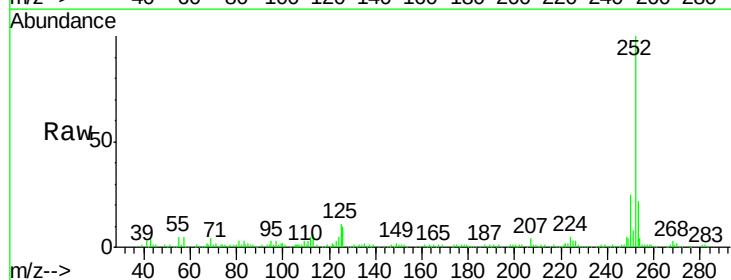
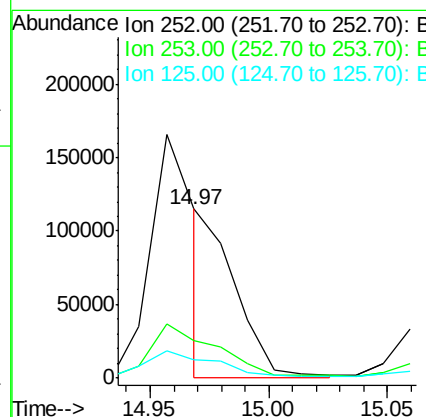
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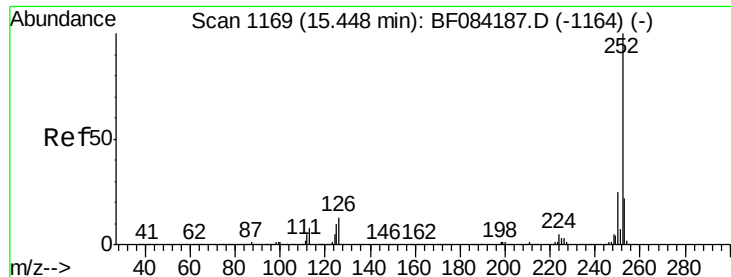
mohammad
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#88
Benzo(k)fluoranthene
Concen: 4.46 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.07 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.0	9.0	13.6





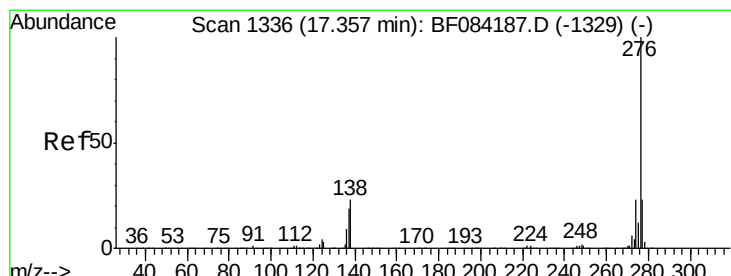
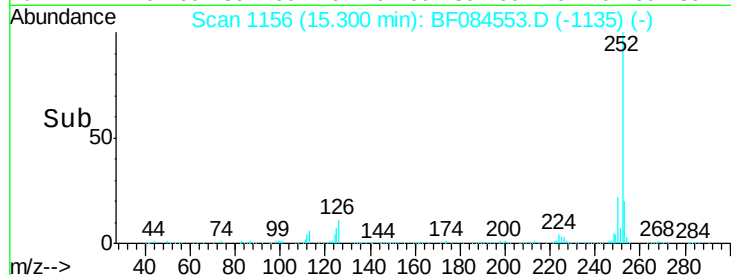
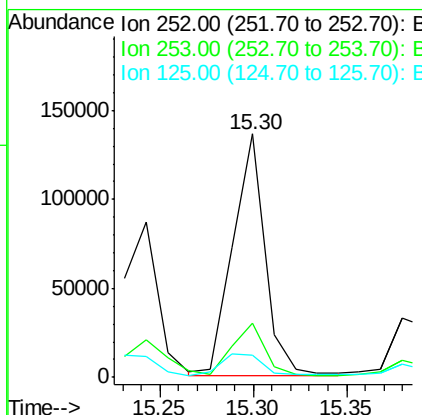
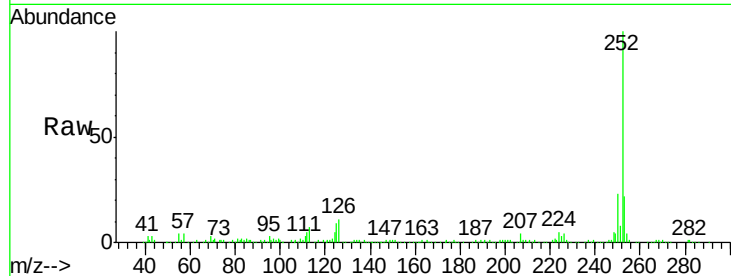
#89
Benzo(a)pyrene
Concen: 7.33 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-9-20160114

Tot Ion:	252	Resp:	166108
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	8.8	7.0	10.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.37 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.10 min
Lab File: BF084553.D
Acq: 19 Jan 2016 15:43

Tgt Ion:	276	Resp:	108483
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.8	28.2
138	21.6	17.8	26.6

