

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084145.D
 Acq On : 25 Dec 2015 23:02
 Operator : UM/SJ
 Sample : G4960-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(1.5-2.0)

Manual Integrations
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Sohil
 12/28/2015 5:58:21 PM

Quant Time: Dec 26 05:58:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	61607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	220422	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	97271	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	150199	20.00	ng	0.00
75) Chrysene-d12	13.96	240	124323	20.00	ng	0.00
86) Perylene-d12	15.38	264	98521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	468738	129.00	ng	0.00
7) Phenol-d6	6.45	99	553519	123.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	410530	109.02	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	130678	125.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	646385	90.92	ng	0.00
78) Terphenyl-d14	12.90	244	394158	57.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	101251	12.57	ng	# 89
70) Phenanthrene	11.34	178	37566	4.22	ng	99
74) Fluoranthene	12.53	202	47744	2.31	ng	95
77) Pyrene	12.76	202	43129	4.02	ng	99
80) Benzo(a)anthracene	13.95	228	25832	3.38	ng	94
82) Chrysene	13.98	228	25754m	3.65	ng	
87) Benzo(b)fluoranthene	14.98	252	31244m	4.27	ng	
89) Benzo(a)pyrene	15.33	252	16522	2.74	ng	# 74
91) Benzo(g,h,i)perylene	17.23	276	14575	2.43	ng	# 86

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

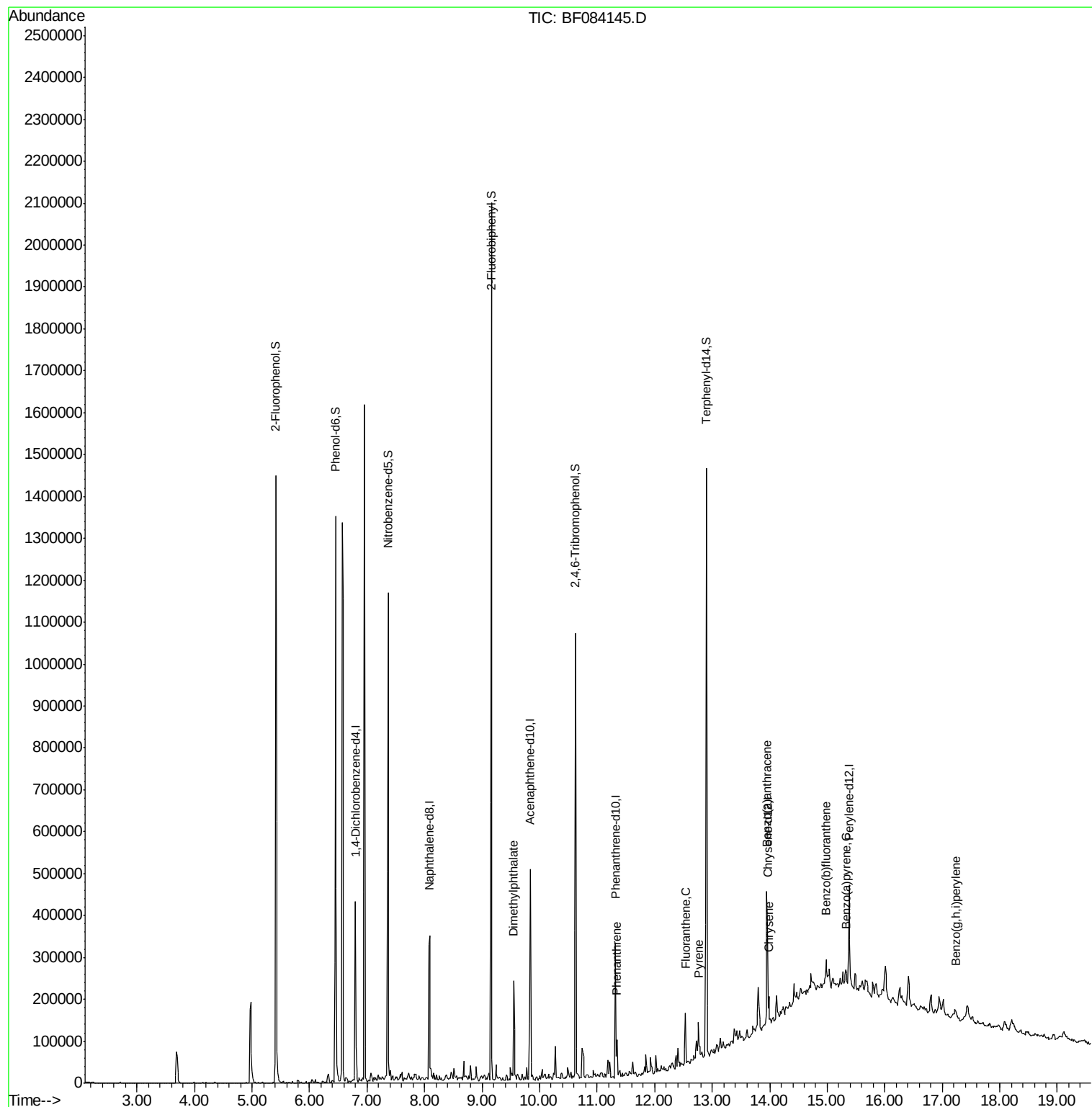
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
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ALS Vial : 62 Sample Multiplier: 1

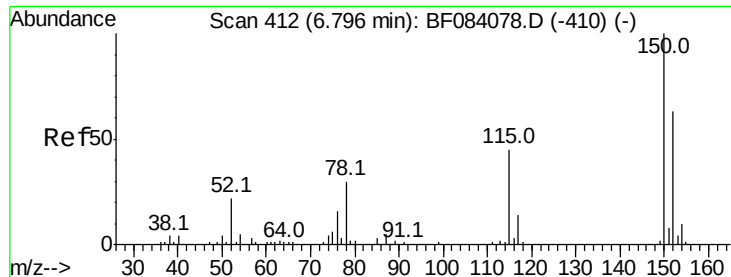
Instrument :
BNA_F
ClientSampleId :
PJ-SB-5(1.5-2.0)

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#1

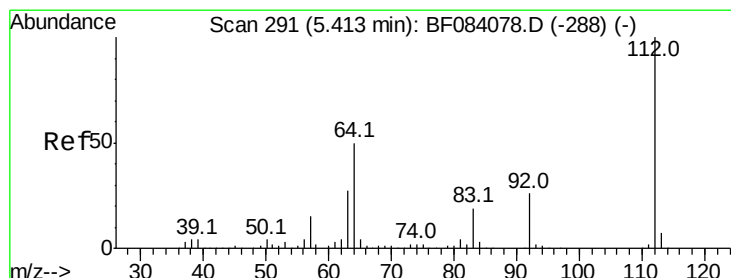
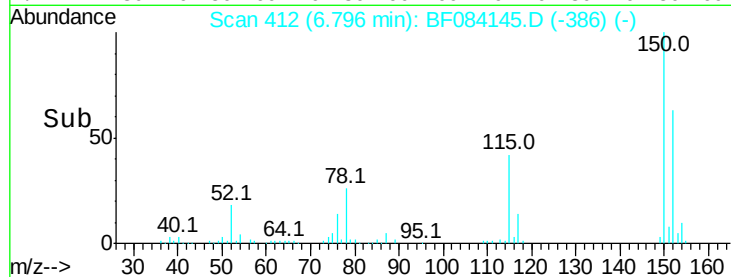
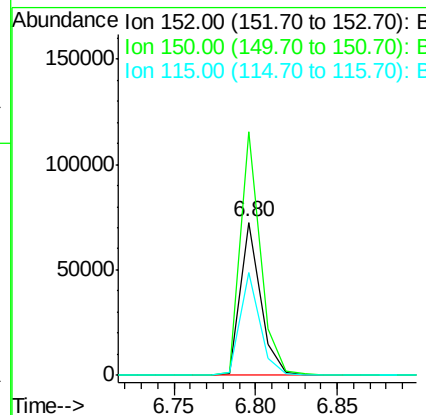
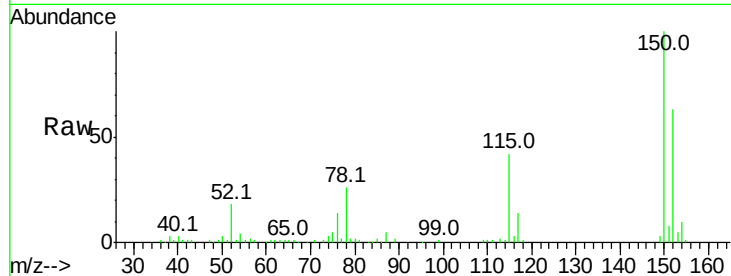
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084145.D
Acq: 25 Dec 2015 23:02

Instrument :
BNA_F
ClientSampleId :
PJ-SB-5(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.0	184.4
115	67.3	51.4	77.2

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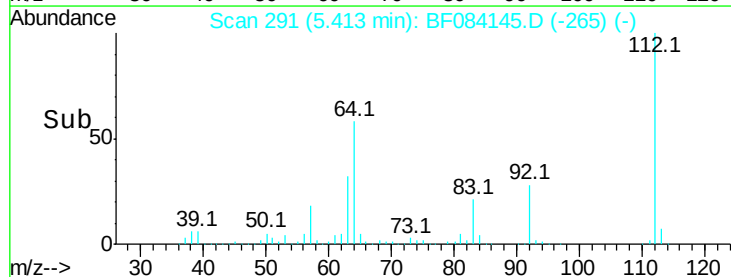
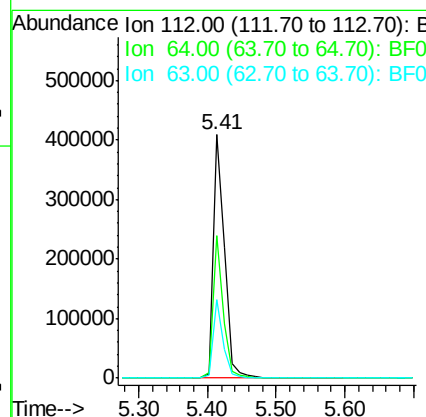
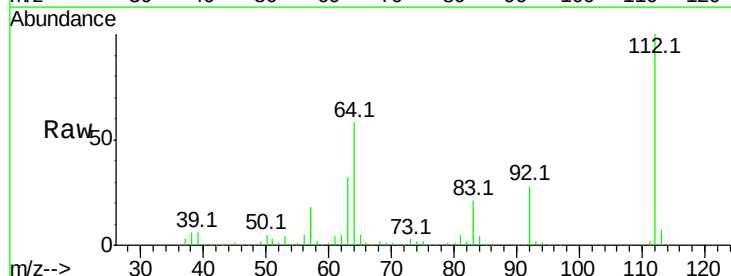
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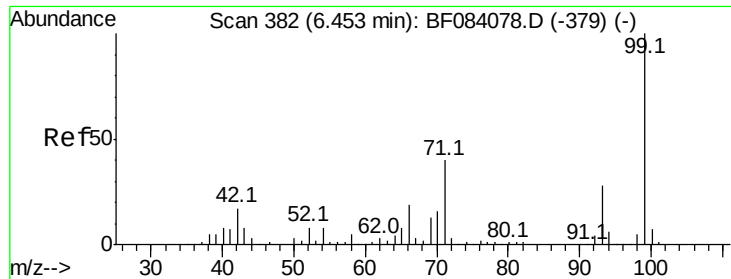


#5

2-Fluorophenol
Concen: 129.00 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084145.D
Acq: 25 Dec 2015 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	36.6	55.0#
63	32.1	19.4	29.0#





#7

Phenol-d6

Concen: 123.10 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Instrument :

BNA_F

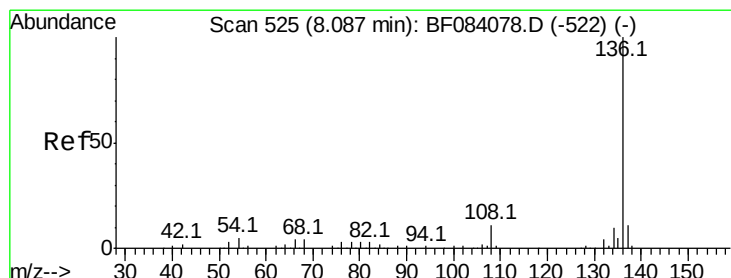
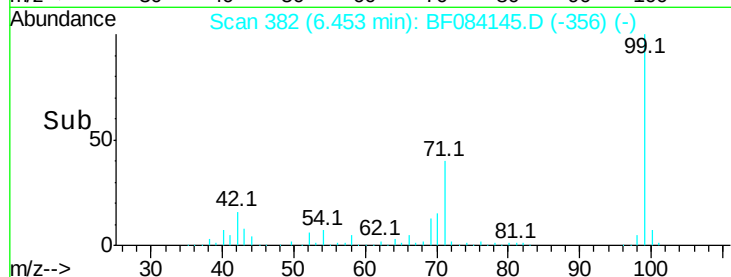
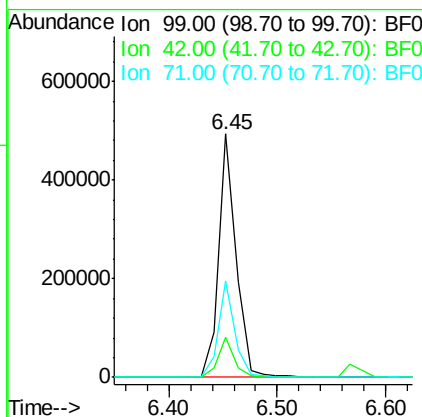
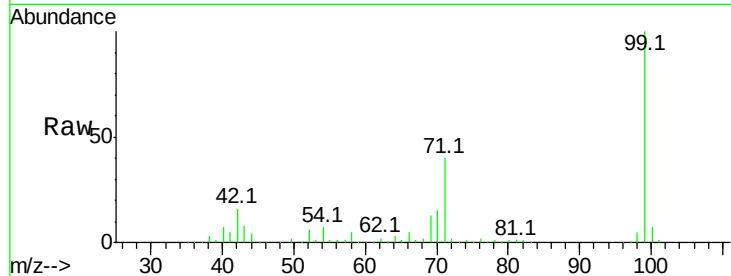
ClientSampleId :

PJ-SB-5(1.5-2.0)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		553519		
42	16.4	12.8	19.2		
71	39.6	30.9	46.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

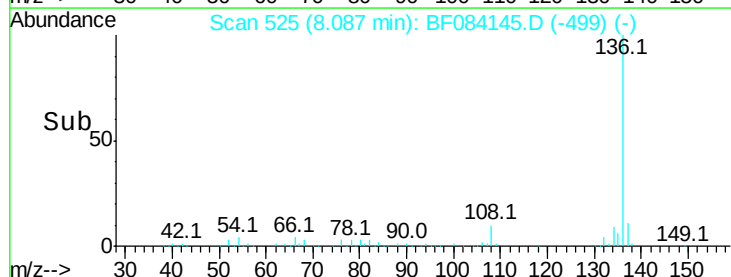
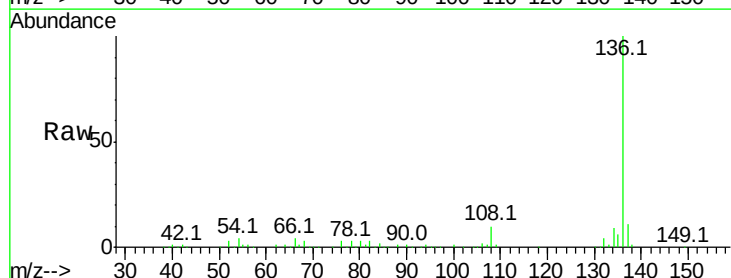
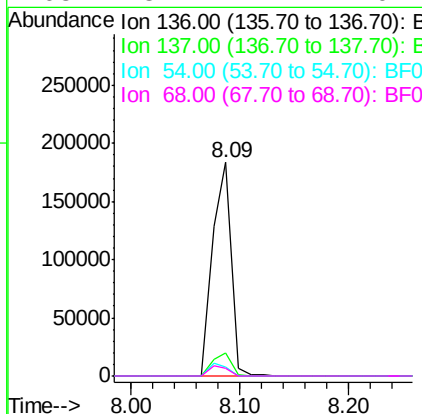
RT: 8.09 min Scan# 525

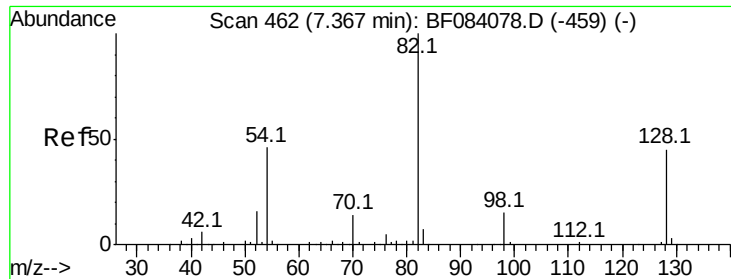
Delta R.T. -0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		220422		
137	10.8	8.7	13.1		
54	4.4	5.8	8.8#		
68	3.4	4.2	6.2#		





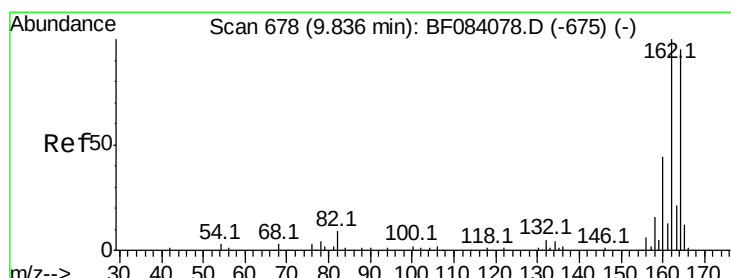
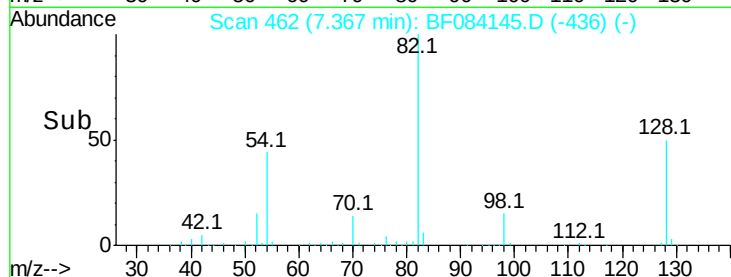
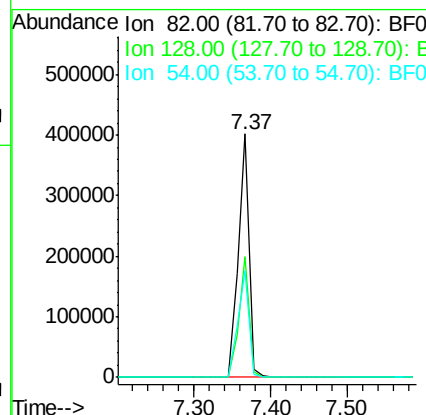
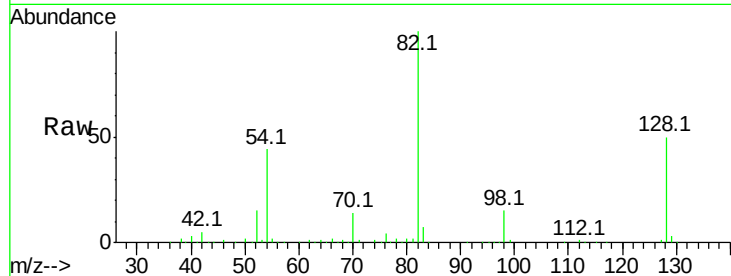
#23
 Nitrobenzene-d5
 Concen: 109.02 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(1.5-2.0)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.7	34.6	51.8	
54	43.7	38.4	57.6	

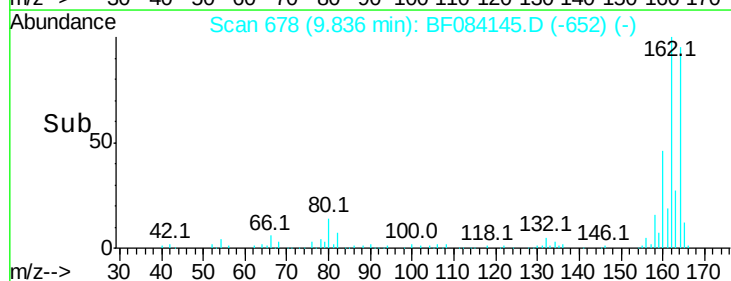
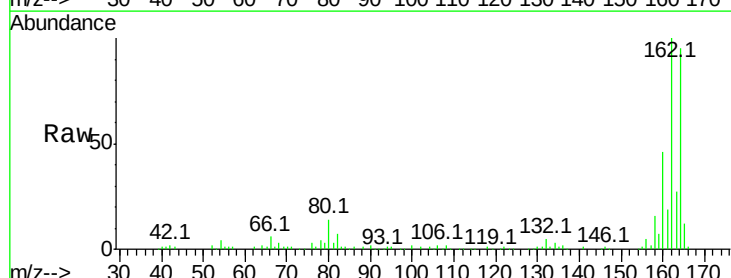
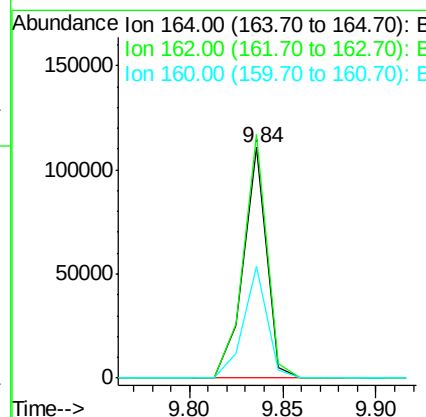
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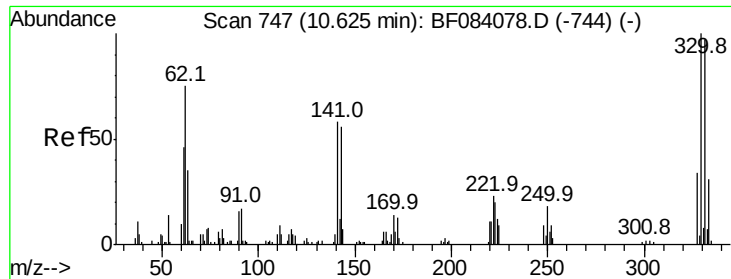
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	85.1	127.7	
160	48.5	37.5	56.3	





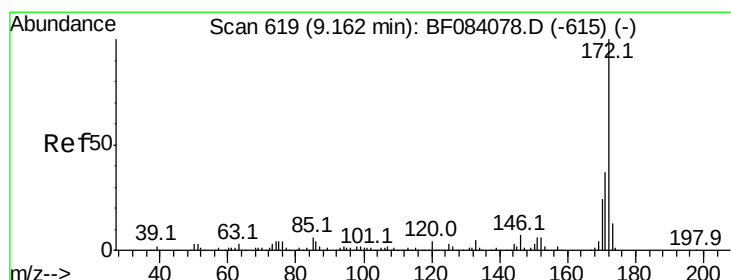
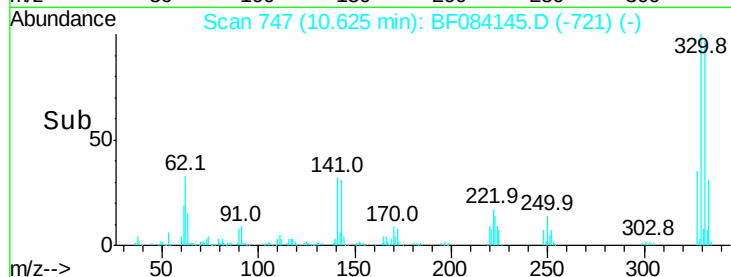
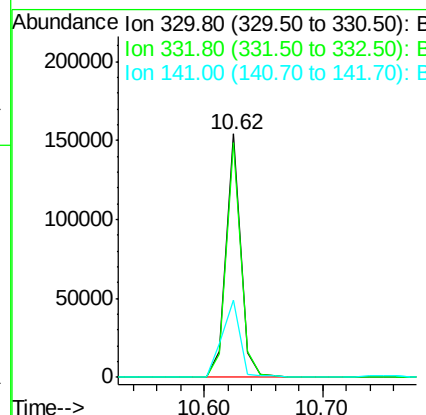
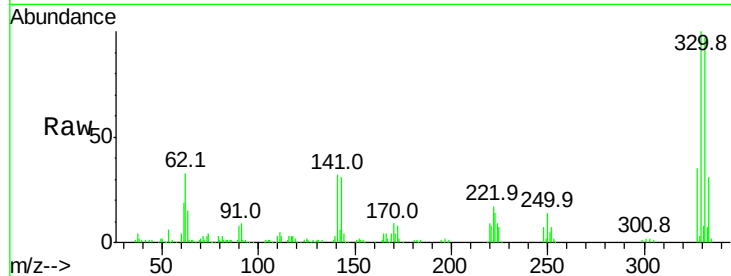
#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(1.5-2.0)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130678		
332	96.8	76.6	114.8	
141	40.2	27.8	41.6	

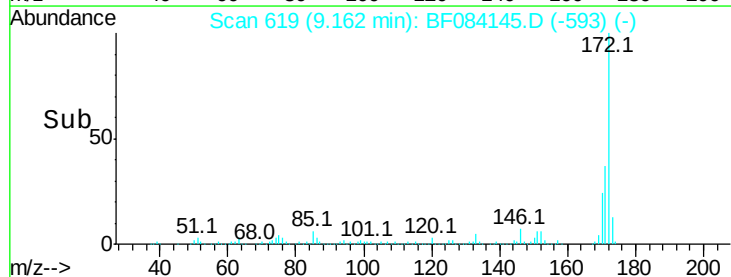
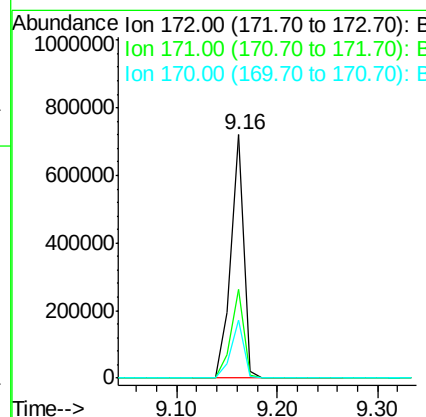
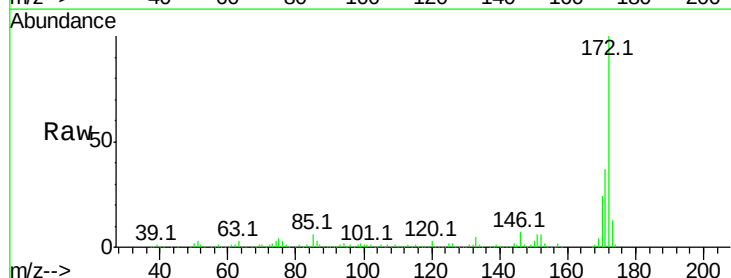
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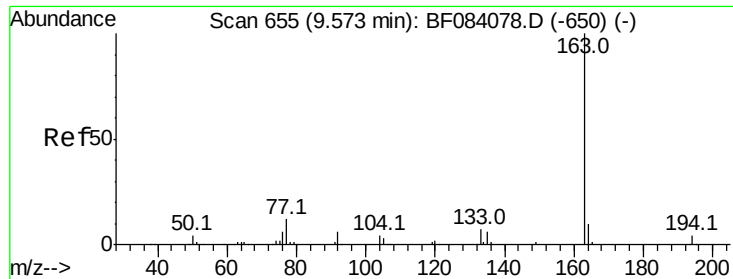
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#44
 2-Fluorobiphenyl
 Concen: 90.92 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	646385		
171	36.7	28.9	43.3	
170	24.0	18.6	27.8	





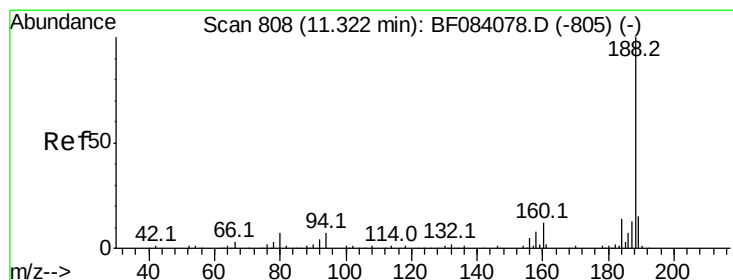
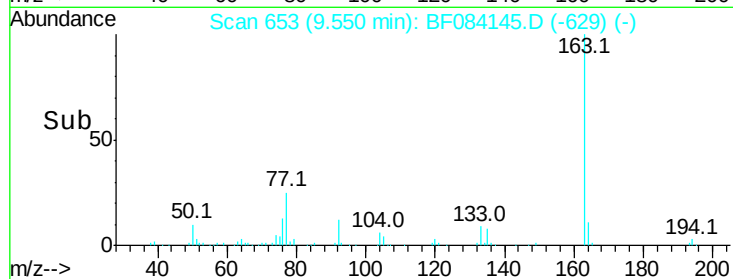
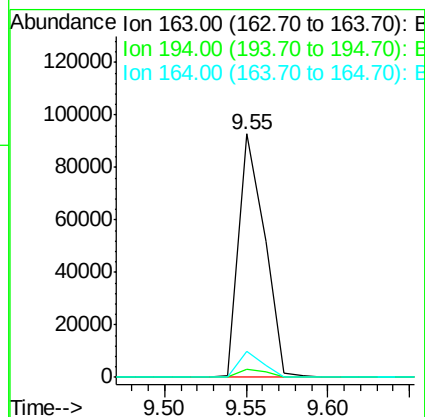
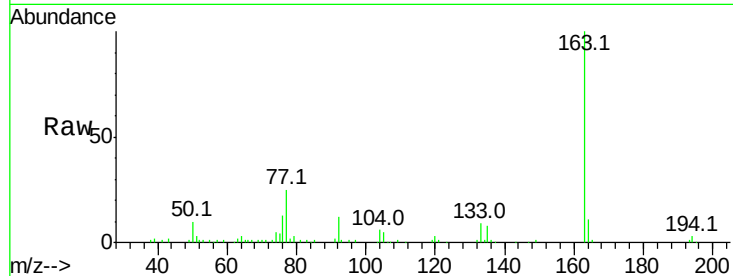
#49
Dimethylphthalate
Concen: 12.57 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF084145.D
Acq: 25 Dec 2015 23:02

Instrument :
BNA_F
ClientSampleId :
PJ-SB-5(1.5-2.0)

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.9	8.0	12.0

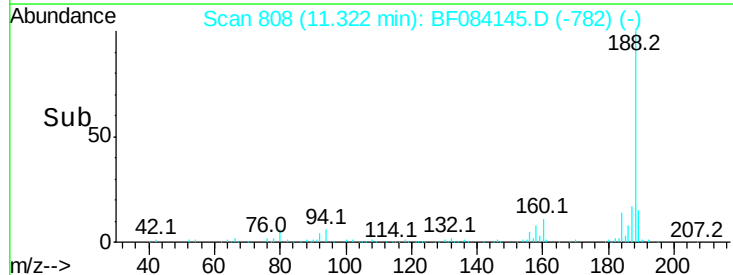
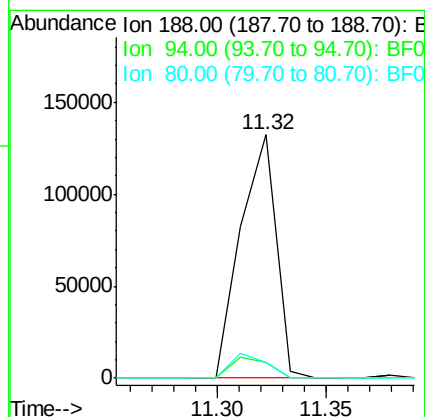
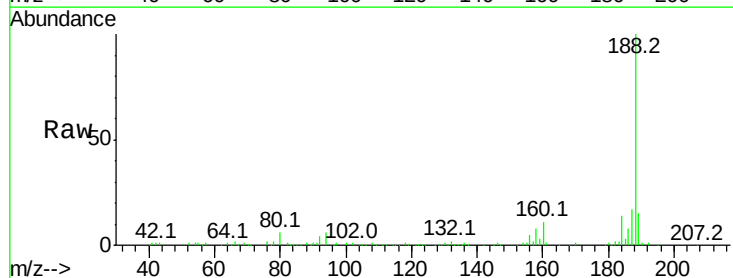
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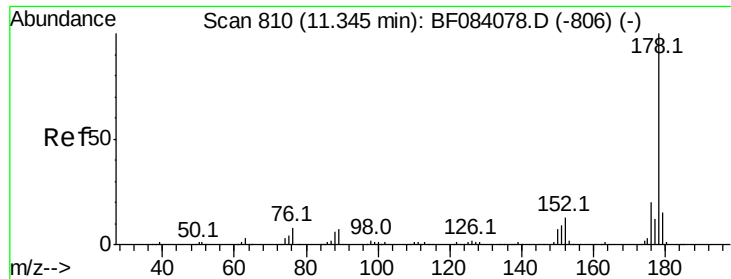
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084145.D
Acq: 25 Dec 2015 23:02

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	6.5	9.0	13.4#
80	6.3	9.6	14.4#





#70

Phenanthrene

Concen: 4.22 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Instrument :

BNA_F

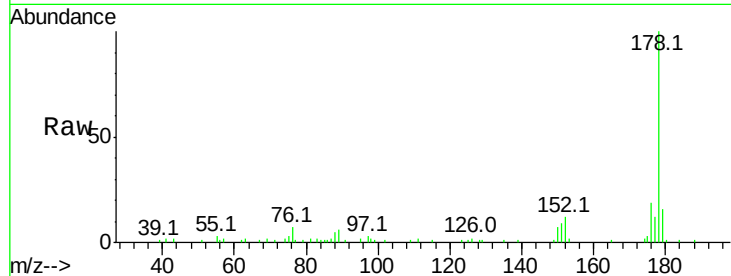
ClientSampleId :

PJ-SB-5(1.5-2.0)

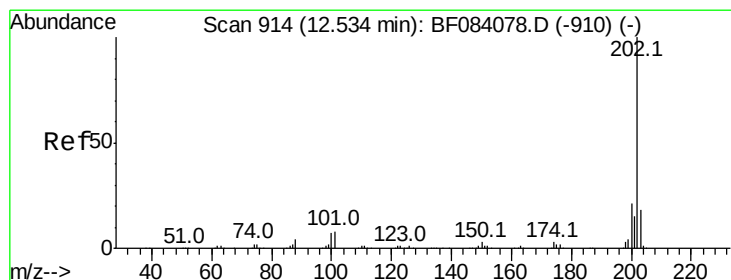
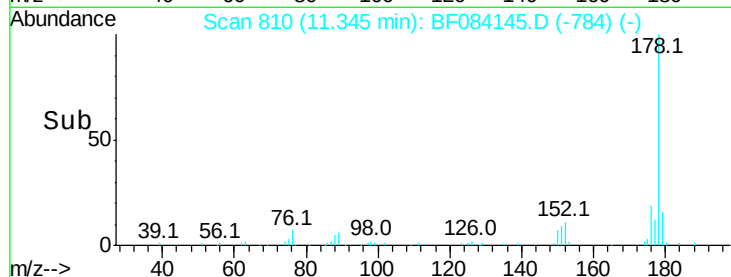
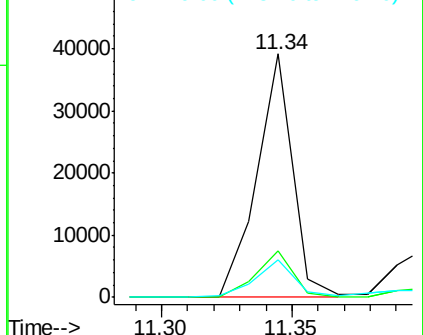
Tot Ion:	178	Resp:	37566
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.3	22.9
179	15.6	12.0	18.0

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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



#74

Fluoranthene

Concen: 2.31 ng

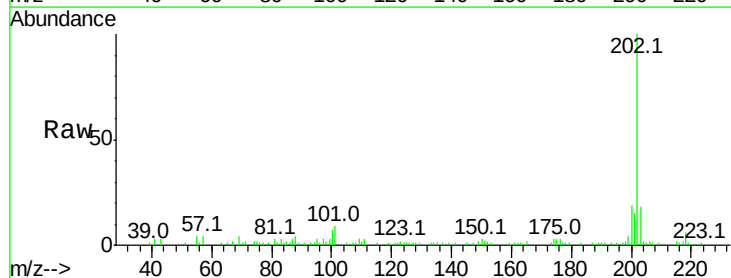
RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

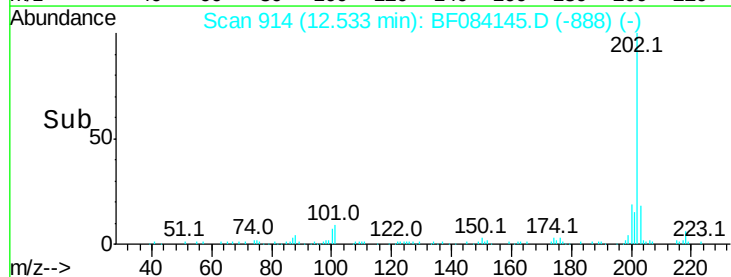
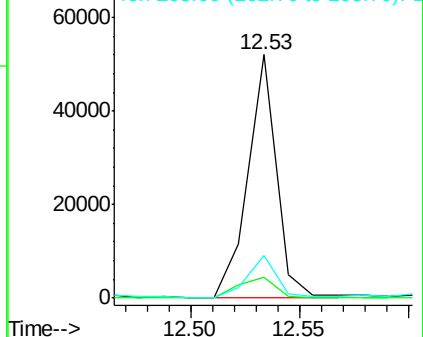
Lab File: BF084145.D

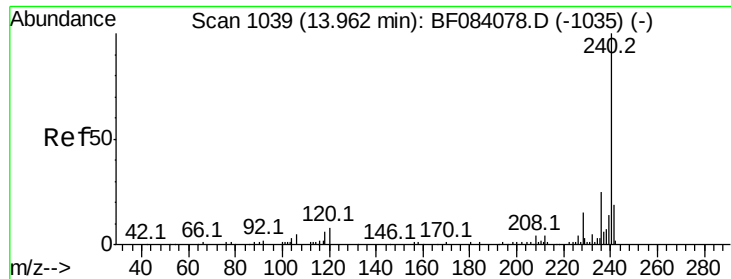
Acq: 25 Dec 2015 23:02

Tgt Ion:	202	Resp:	47744
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	32.8
203	17.7	0.0	37.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Instrument :

BNA_F

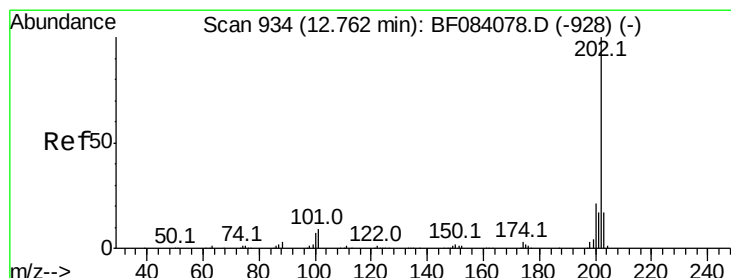
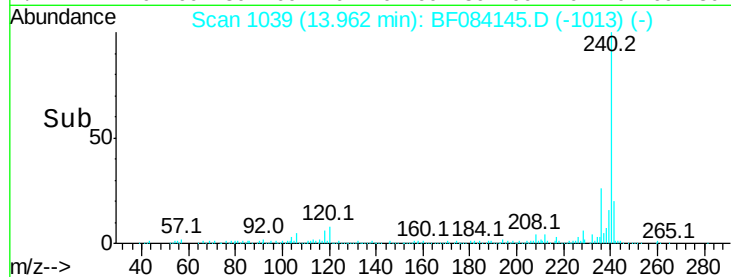
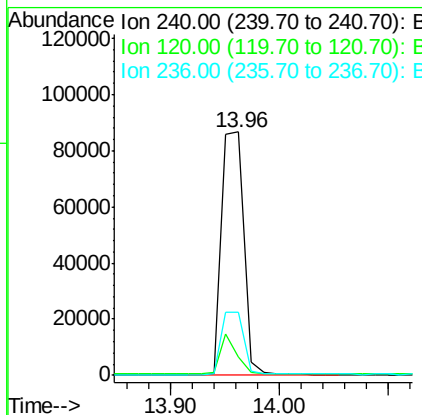
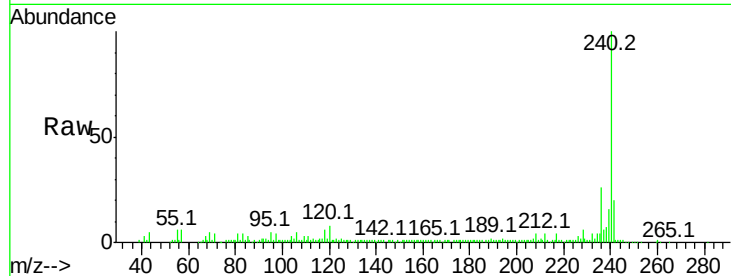
ClientSampleId :

PJ-SB-5(1.5-2.0)

Tot Ion:	240	Resp:	124323
Ion Ratio	Lower	Upper	
240	100		
120	7.7	9.5	14.3#
236	26.1	20.6	31.0

Manual Integrations
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#77

Pyrene

Concen: 4.02 ng

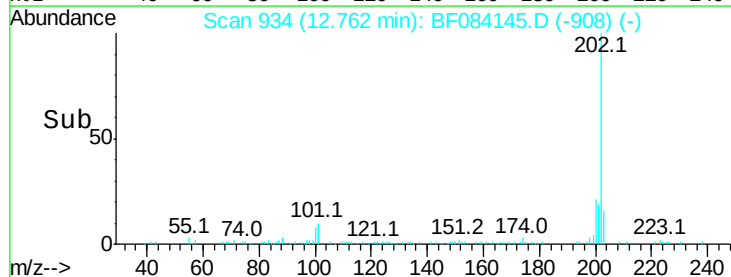
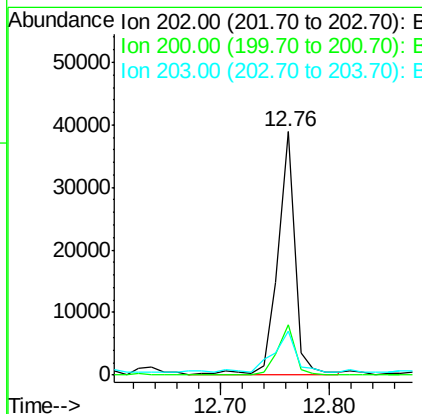
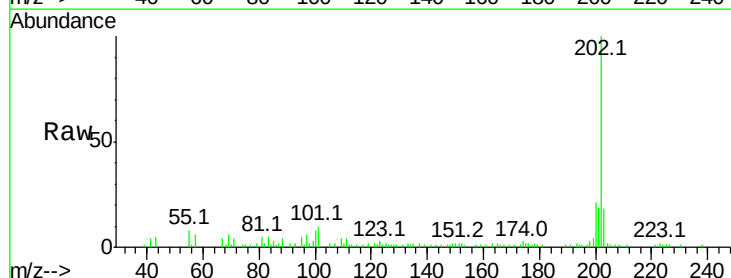
RT: 12.76 min Scan# 934

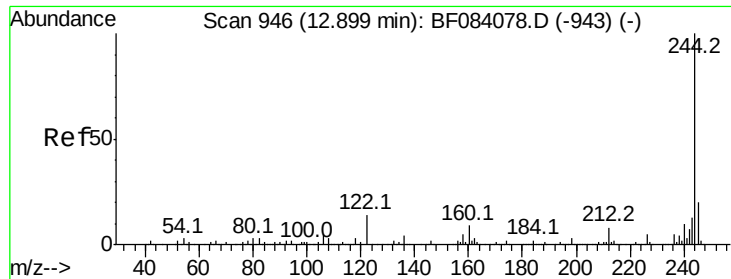
Delta R.T. 0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Tgt Ion:	202	Resp:	43129
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.2	25.8
203	18.0	14.3	21.5





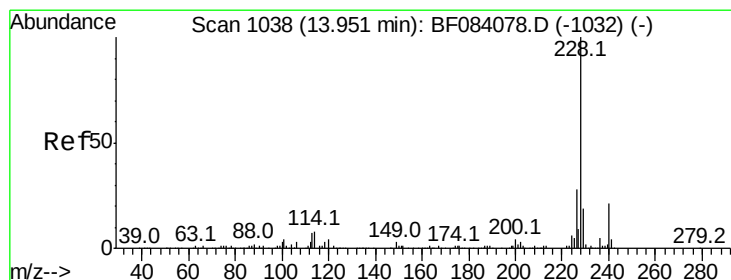
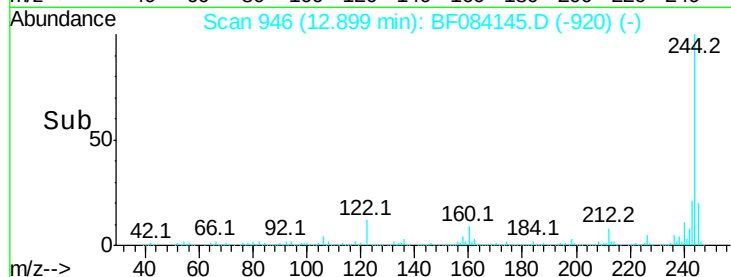
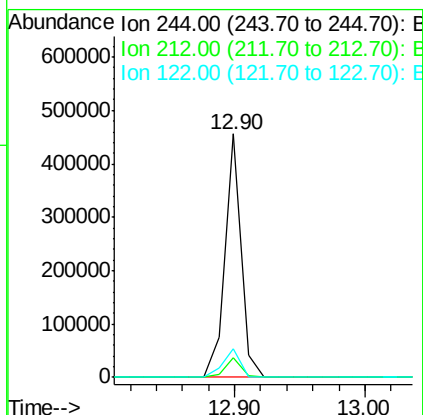
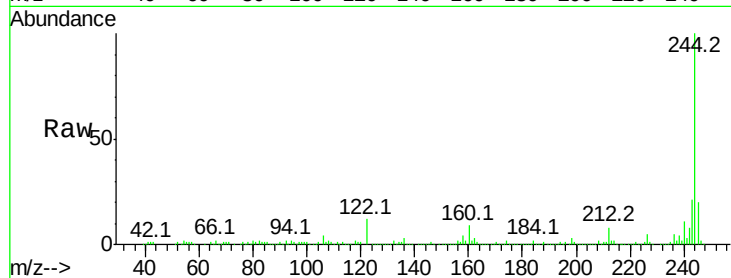
#78
 Terphenyl-d14
 Concen: 57.37 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(1.5-2.0)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	5.7	8.5
122	11.8	7.4	11.0

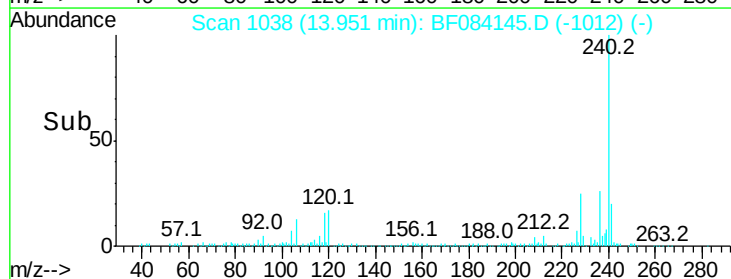
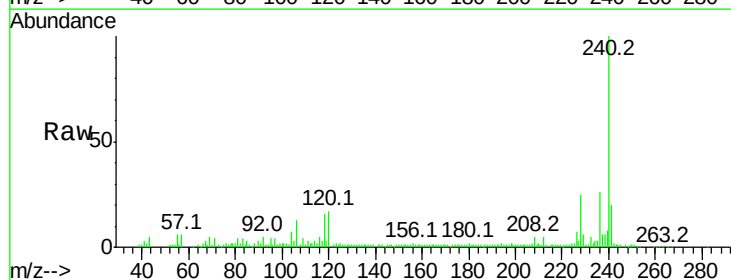
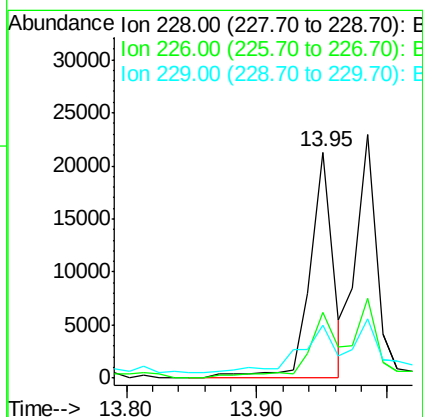
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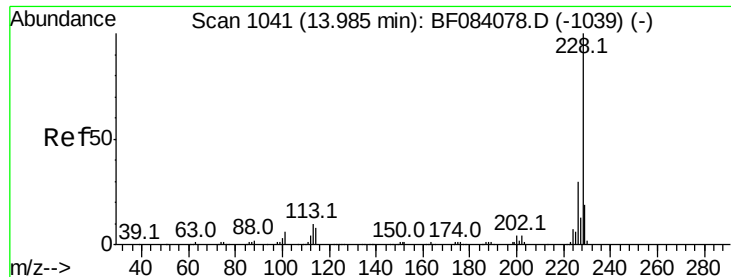
Sohil
 12/28/2015 5:58:21 PM



#80
 Benzo(a)anthracene
 Concen: 3.38 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.2	21.8	32.6
229	23.6	15.8	23.8





#82

Chrysene

Concen: 3.65 ng/mL

RT: 13.98 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Instrument :

BNA_F

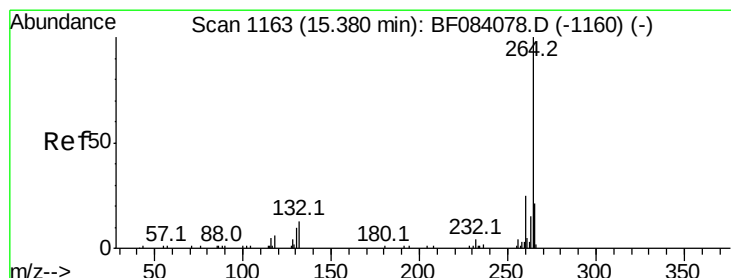
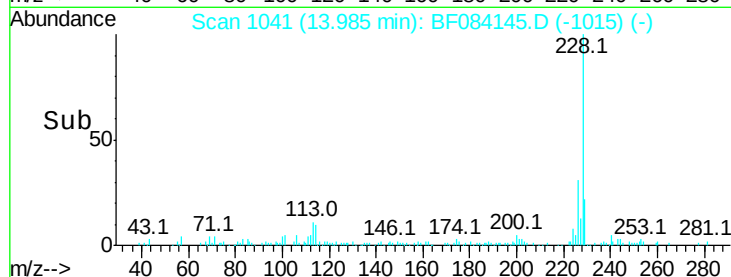
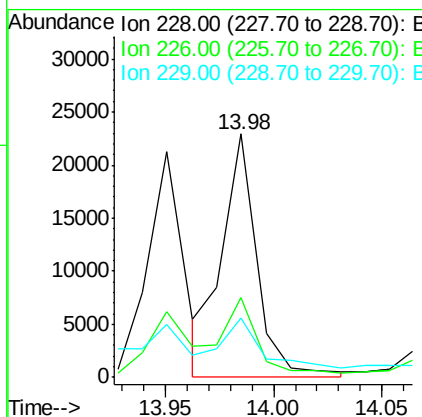
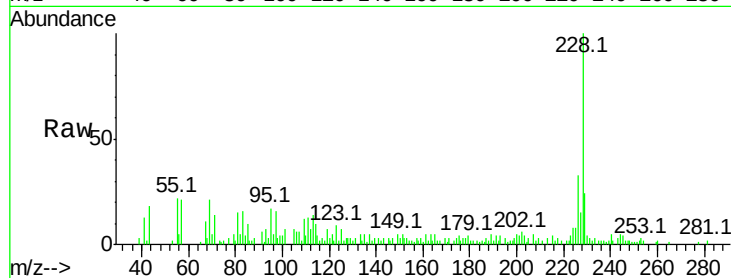
ClientSampleId :

PJ-SB-5(1.5-2.0)

Tot Ion:	228	Resp:	25754
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.3	36.5
229	24.1	16.1	24.1

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#86

Perylene-d12

Concen: 20.00 ng

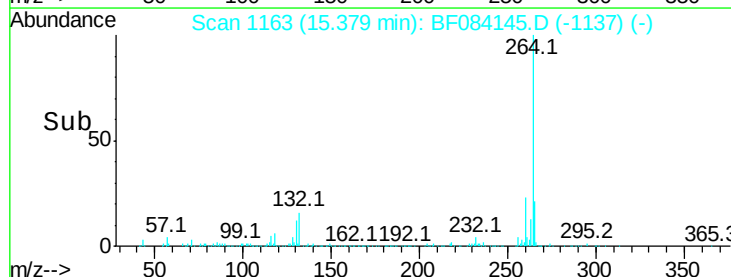
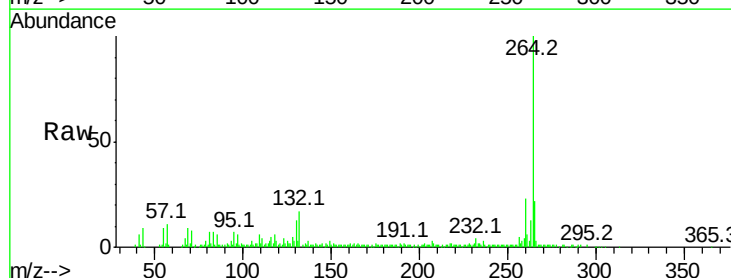
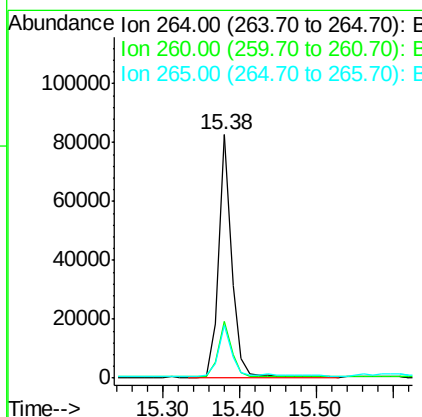
RT: 15.38 min Scan# 1163

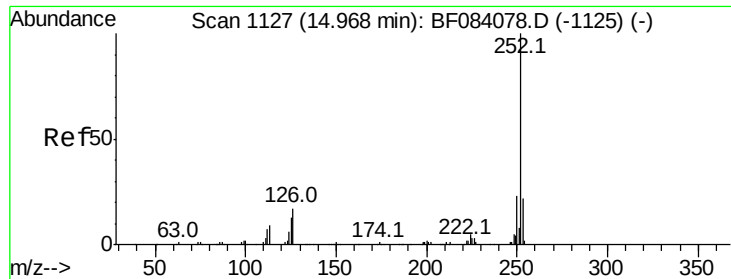
Delta R.T. -0.00 min

Lab File: BF084145.D

Acq: 25 Dec 2015 23:02

Tgt Ion:	264	Resp:	98521
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	21.6	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 4.27 ng

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084145.D

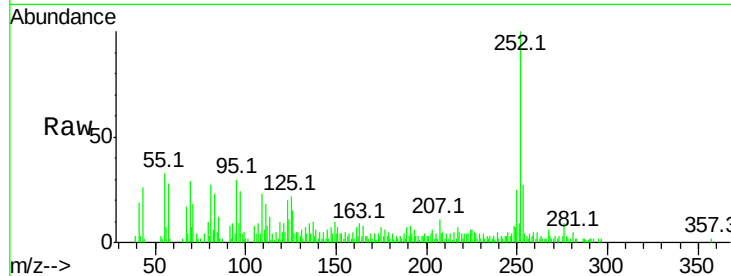
Acq: 25 Dec 2015 23:02

Instrument :

BNA_F

ClientSampleId :

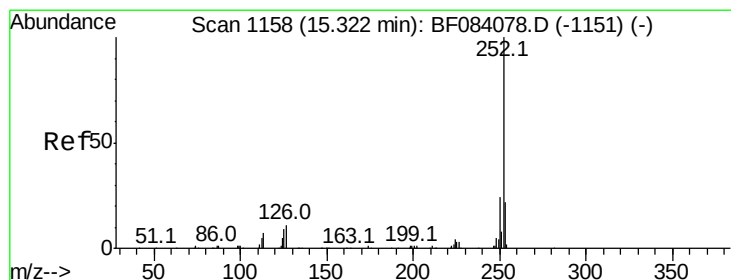
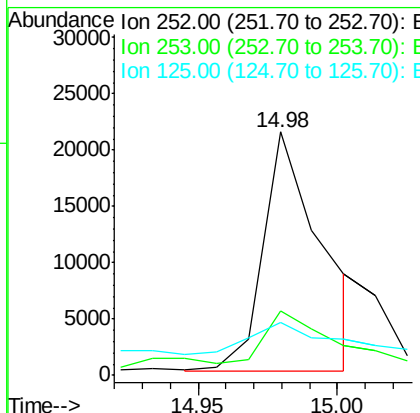
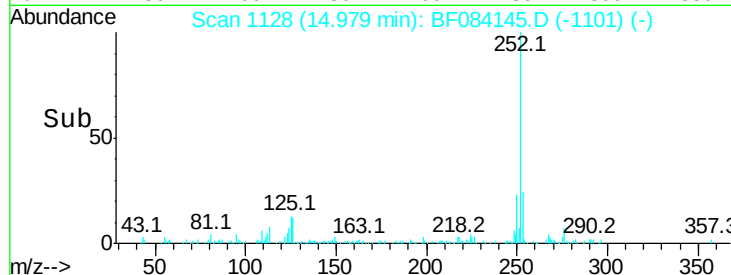
PJ-SB-5(1.5-2.0)



Tot Ion:	252	Resp:	31244
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.3	25.9#
125	21.8	6.5	9.7#

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#89

Benzo(a)pyrene

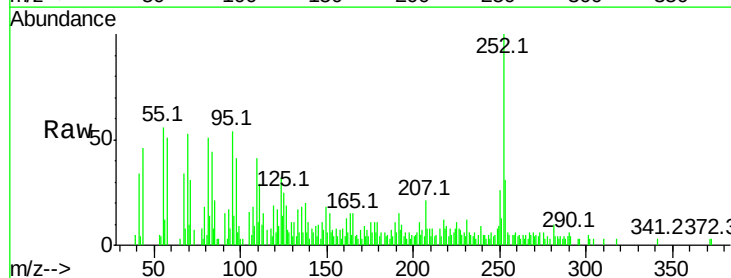
Concen: 2.74 ng

RT: 15.33 min Scan# 1159

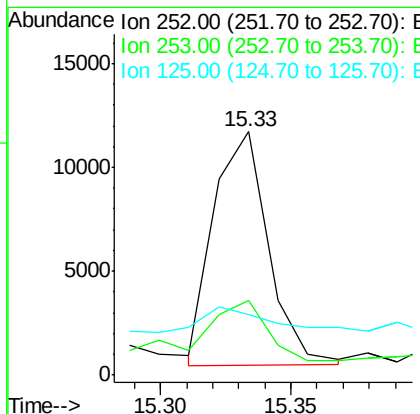
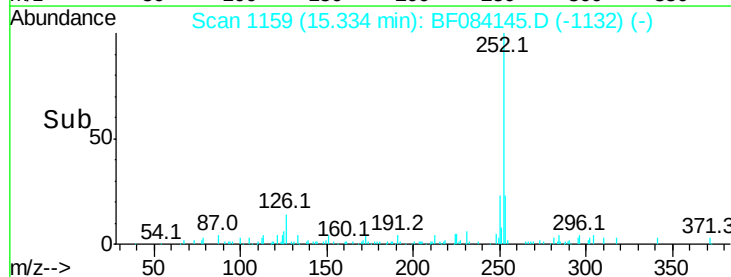
Delta R.T. 0.01 min

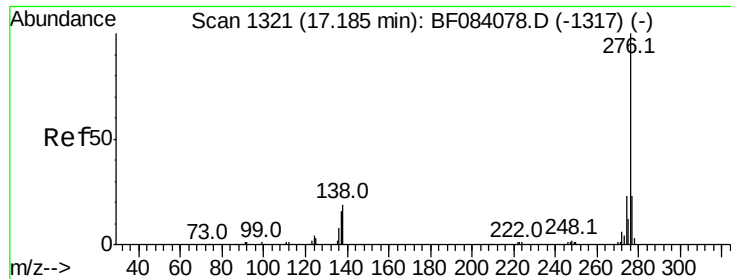
Lab File: BF084145.D

Acq: 25 Dec 2015 23:02



Tgt Ion:	252	Resp:	16522
Ion Ratio	Lower	Upper	
252	100		
253	30.6	17.3	25.9#
125	24.8	7.0	10.4#





#91
 Benzo(a,h,i)perylene
 Concen: 2.43 ng
 RT: 17.23 min Scan# 1325
 Delta R.T. 0.05 min
 Lab File: BF084145.D
 Acq: 25 Dec 2015 23:02

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.9	18.8	28.2#
138	29.4	17.8	26.6#

Manual Integrations
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