

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098697.D
 Acq On : 22 Sep 2017 13:57
 Operator : SJ/JU
 Sample : I5293-10 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-R-SIDE-COMP

Manual Integrations
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Quant Time: Sep 22 15:02:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	150439	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	610512	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	251647	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	377261	20.00	ng	0.00
75) Chrysene-d12	14.09	240	316053	20.00	ng	0.00
86) Perylene-d12	15.58	264	326517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	176436	17.81	ng	0.00
7) Phenol-d6	6.53	99	215139	17.93	ng	-0.01
23) Nitrobenzene-d5	7.48	82	113151	12.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	32108	13.95	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	232342	14.69	ng	0.00
78) Terphenyl-d14	13.03	244	151631	10.30	ng	0.00
Target Compounds						
70) Phenanthrene	11.47	178	48288	2.359	ng	99
74) Fluoranthene	12.66	202	111262	5.455	ng	97
77) Pyrene	12.89	202	109585	4.670	ng	97
80) Benzo(a)anthracene	14.07	228	49291	2.589	ng	98
82) Chrysene	14.11	228	46101	2.508	ng	96
87) Benzo(b)fluoranthene	15.14	252	60791m	3.210	ng	
89) Benzo(a)pyrene	15.51	252	39378	2.290	ng	# 88

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

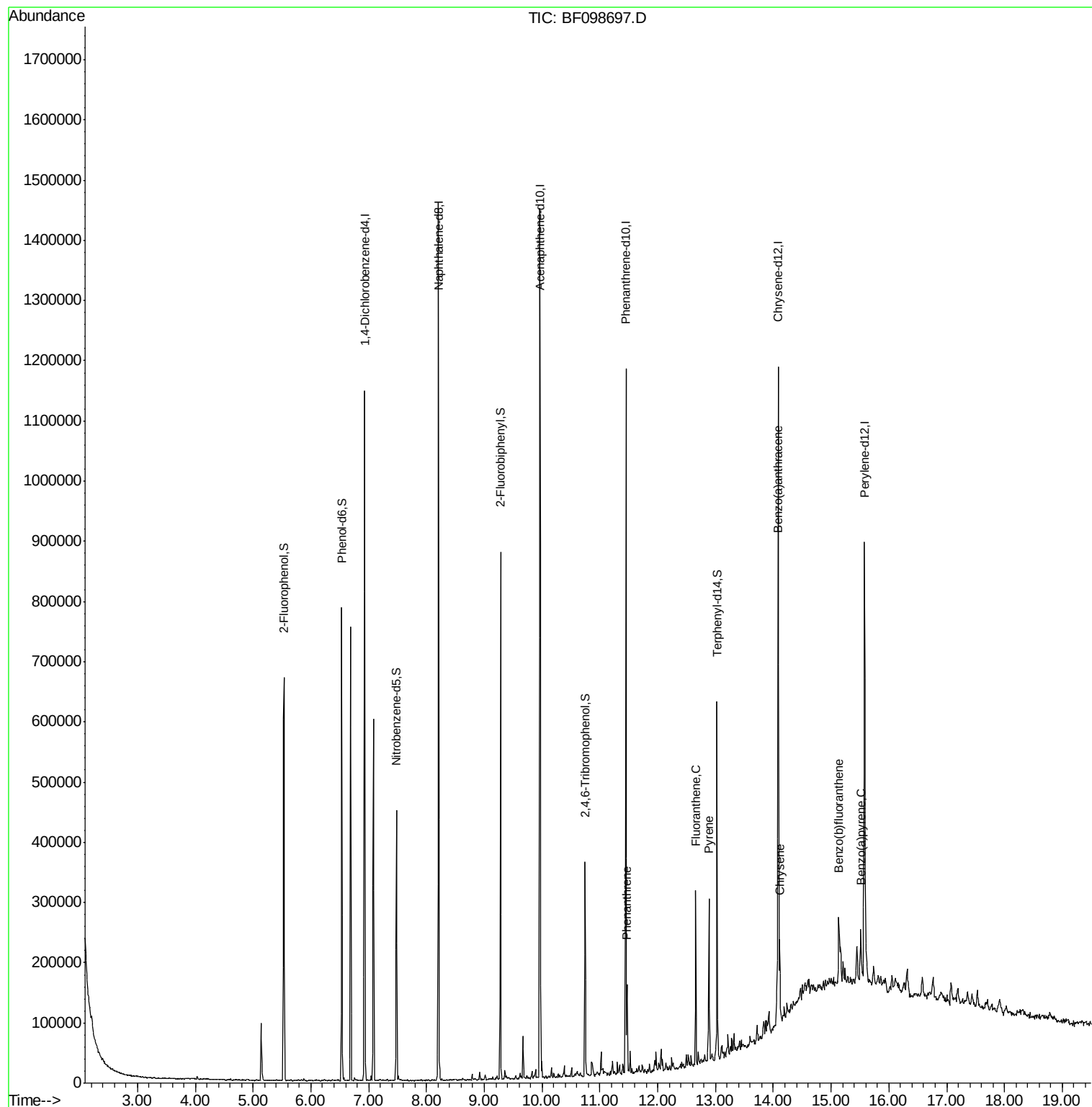
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098697.D
Acq On : 22 Sep 2017 13:57
Operator : SJ/JU
Sample : I5293-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

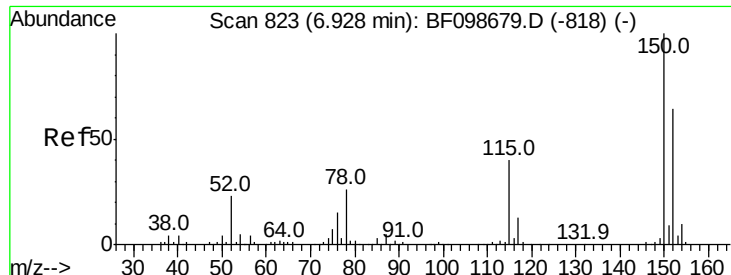
Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Quant Time: Sep 22 15:02:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 11:54:28 2017
Response via : Initial Calibration

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#1

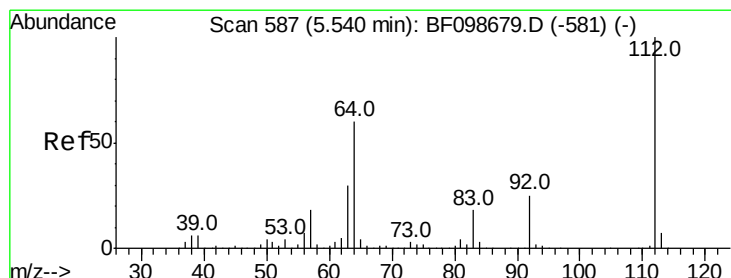
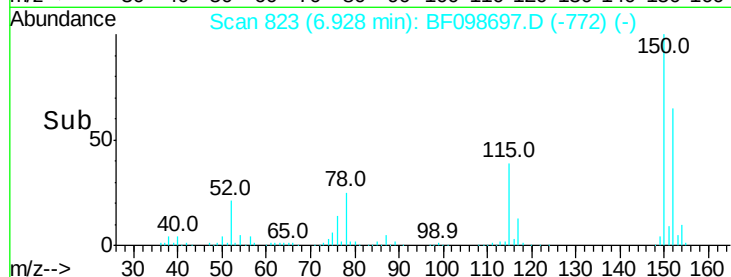
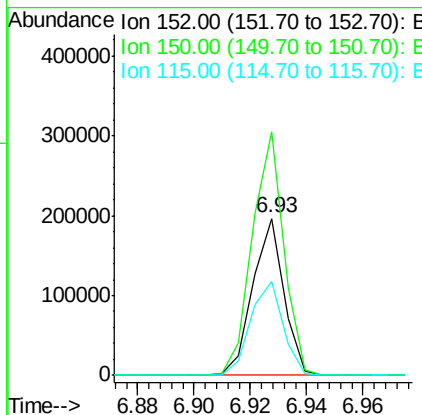
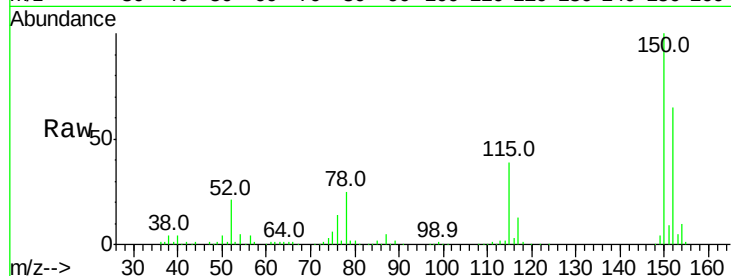
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	59.8	50.1	75.1

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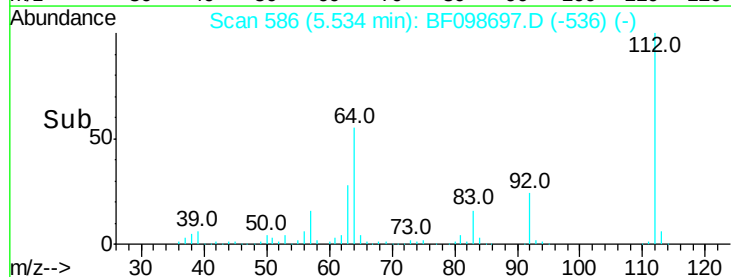
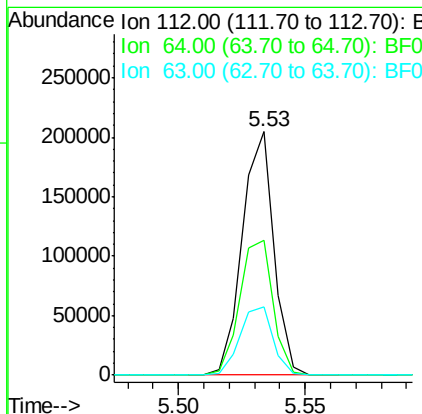
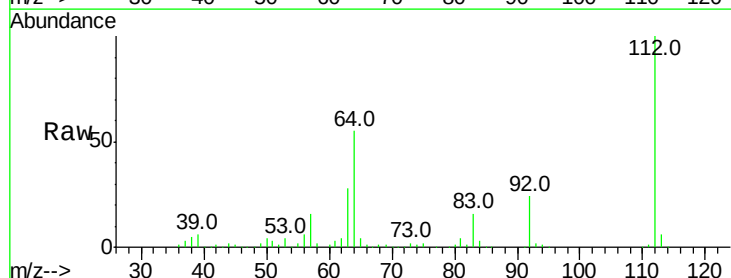
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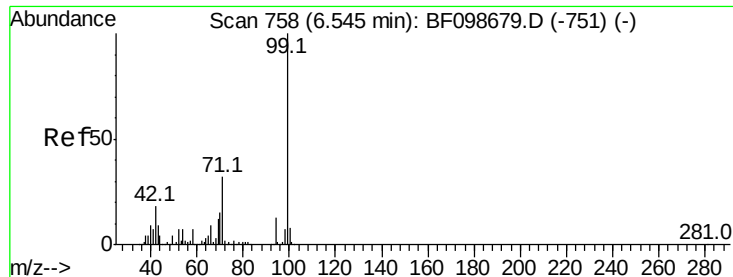


#5

2-Fluorophenol
Concen: 17.809 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 17.933 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Instrument :

BNA_F

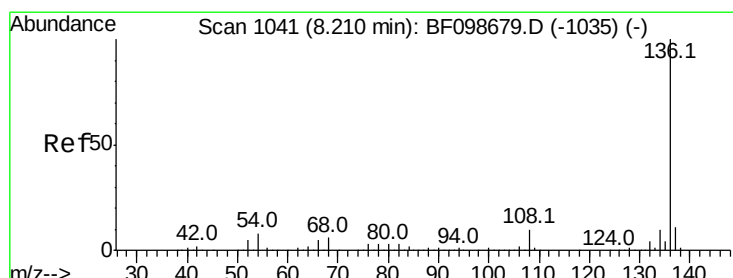
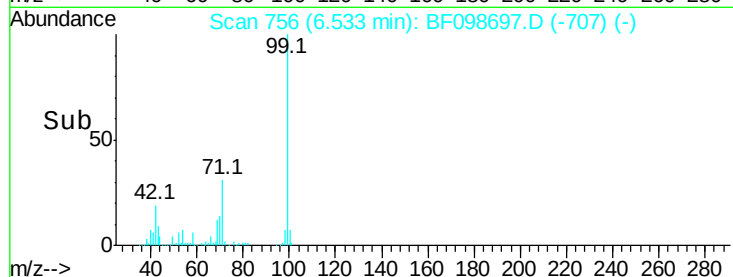
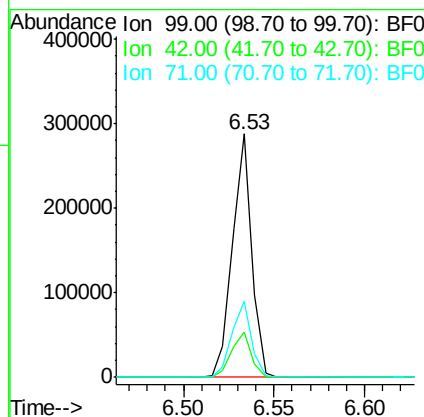
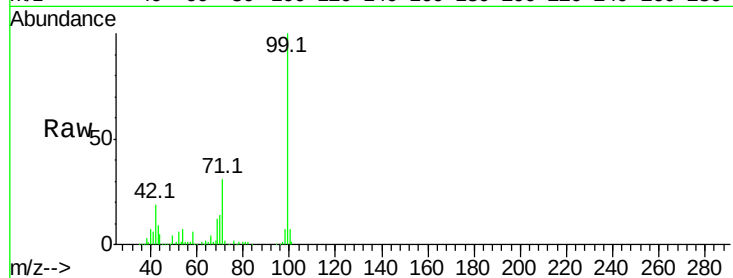
ClientSampleId :

SP-B-R-SIDE-COMP

Tot Ion:	99	Resp:	215139
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

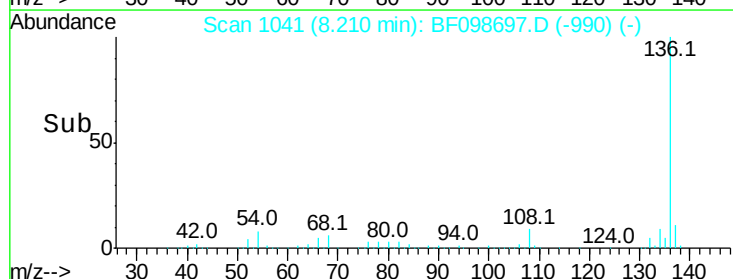
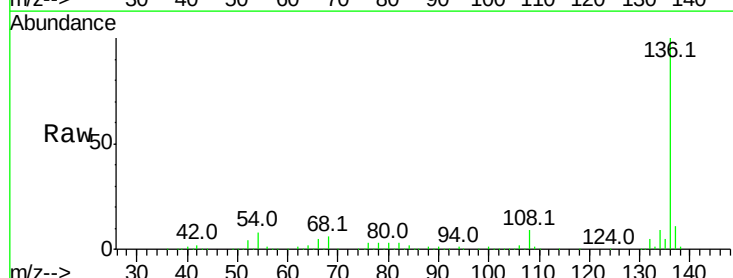
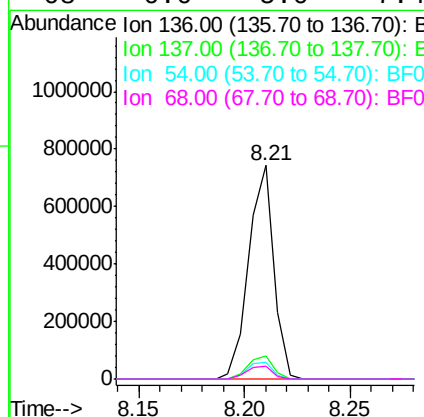
RT: 8.21 min Scan# 1041

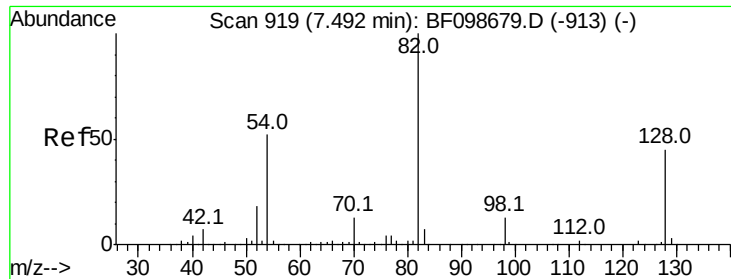
Delta R.T. -0.00 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Tgt Ion:	136	Resp:	610512
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4





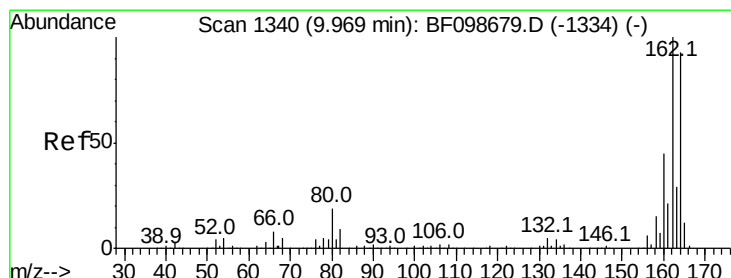
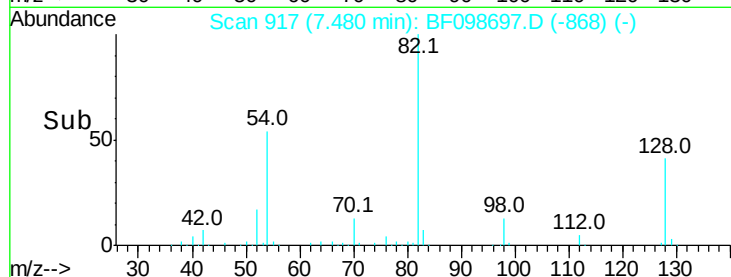
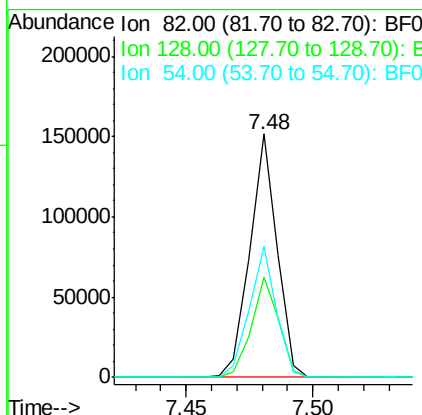
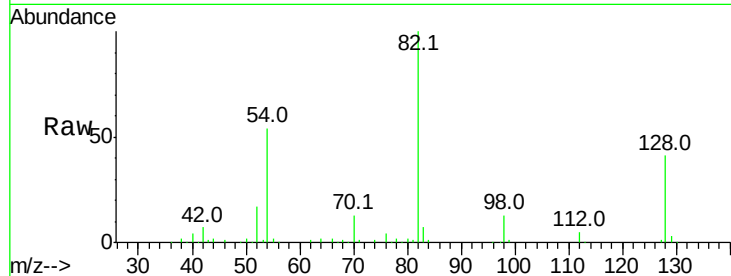
#23
 Nitrobenzene-d5
 Concen: 12.572 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098697.D
 Acq: 22 Sep 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-R-SIDE-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	36.1	54.1	
54	53.7	41.4	62.2	

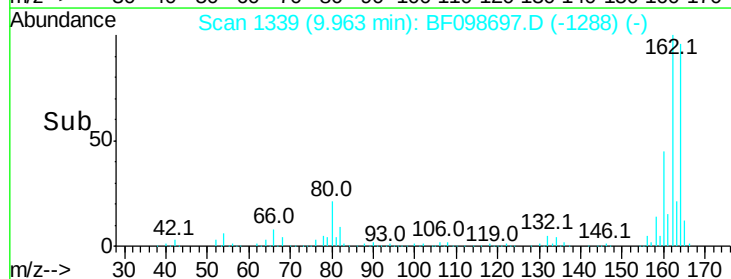
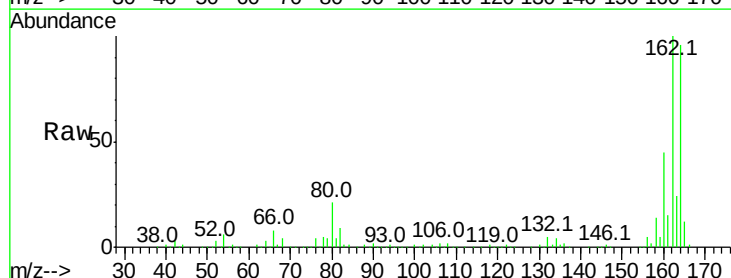
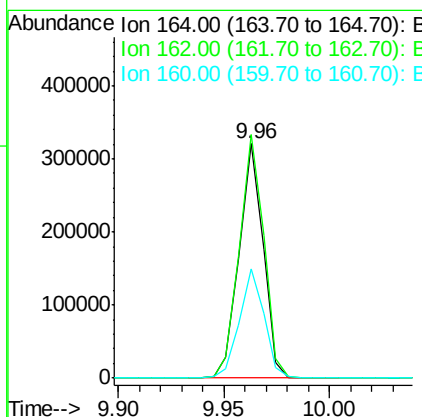
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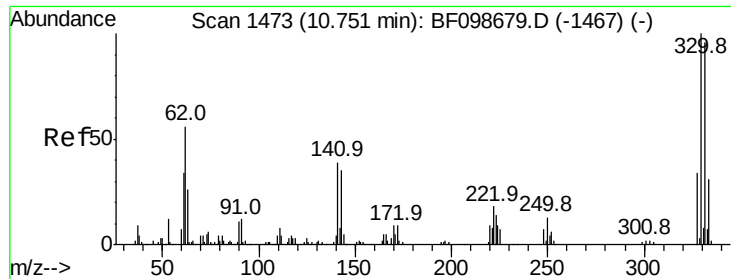
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098697.D
 Acq: 22 Sep 2017 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	86.1	129.1	
160	46.5	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 13.952 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Instrument :

BNA_F

ClientSampleId :

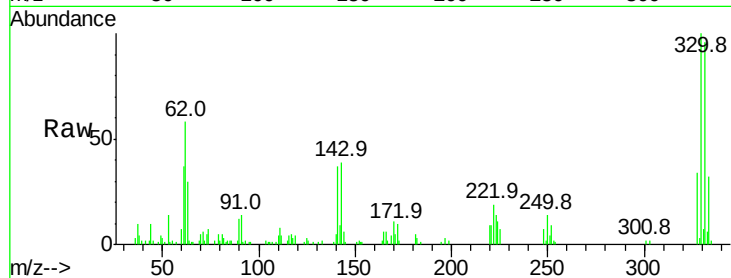
SP-B-R-SIDE-COMP

Tot Ion:	330	Resp:	32108
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.0	115.6
141	38.8	29.9	44.9

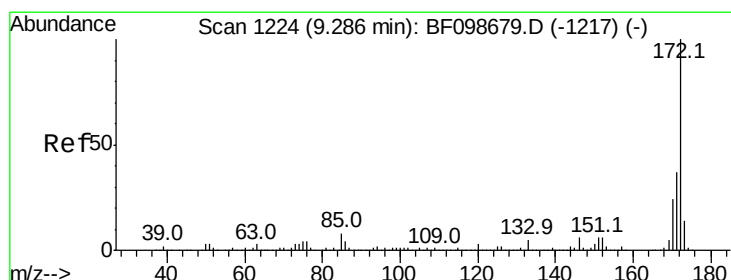
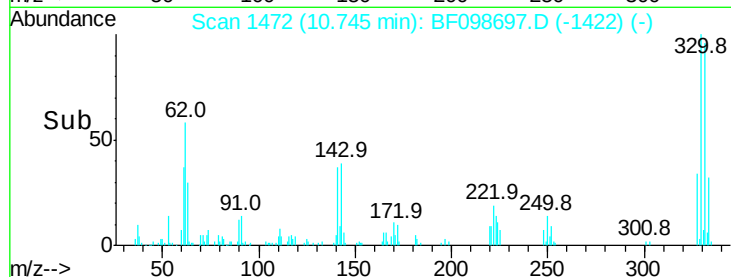
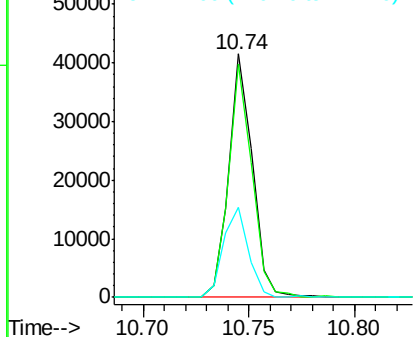
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 14.692 ng

RT: 9.28 min Scan# 1223

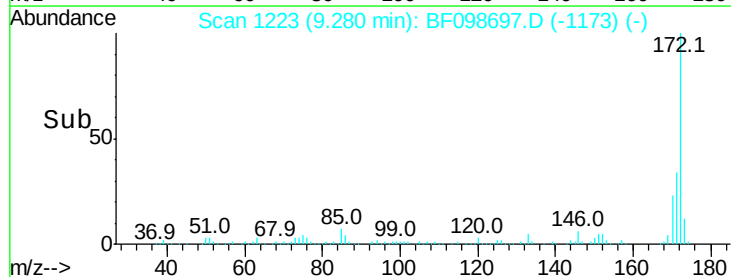
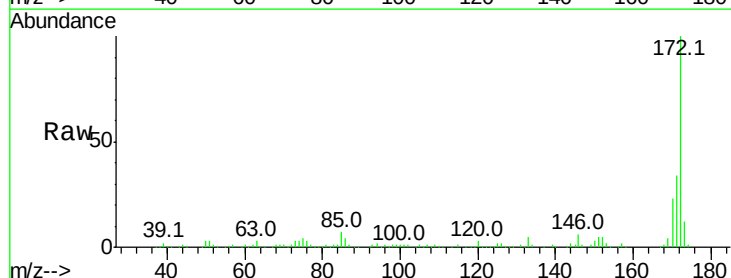
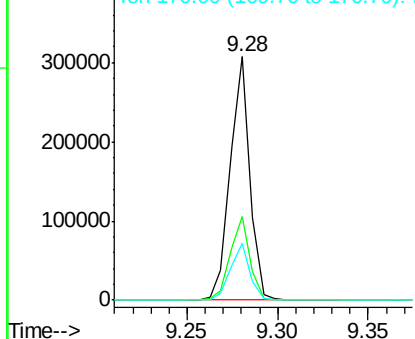
Delta R.T. -0.01 min

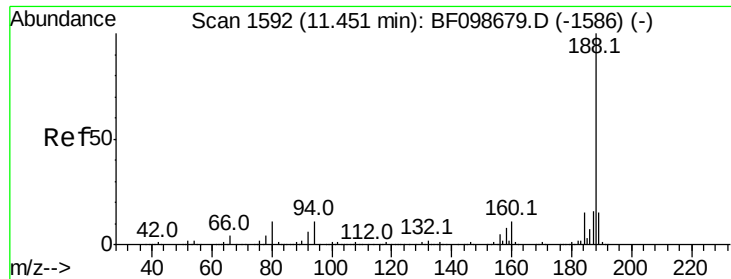
Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Tgt Ion:	172	Resp:	232342
Ion Ratio	Lower	Upper	
172	100		
171	34.3	29.7	44.5
170	23.4	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Instrument :

BNA_F

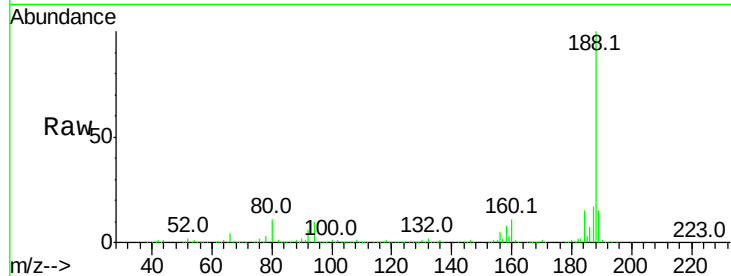
ClientSampleId :

SP-B-R-SIDE-COMP

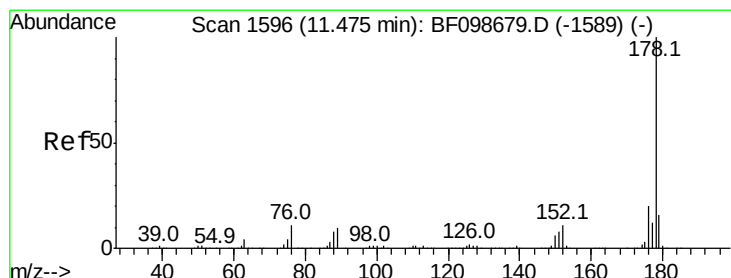
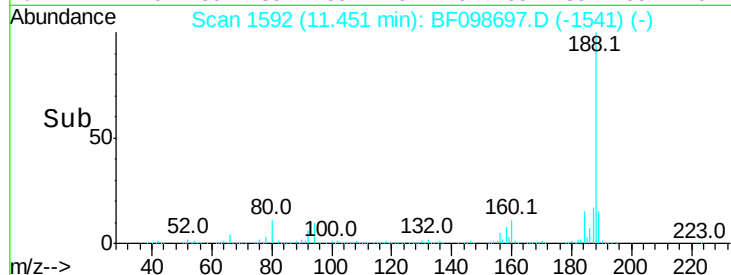
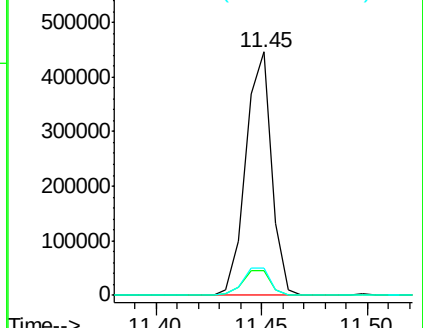
Tot Ion:	188	Resp:	377261
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

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Abundance Ion 188.00 (187.70 to 188.70): E



#70

Phenanthrene

Concen: 2.359 ng

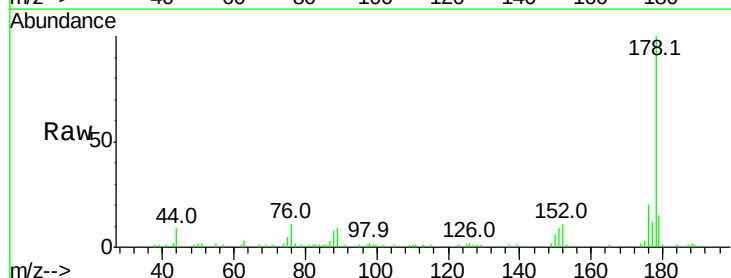
RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

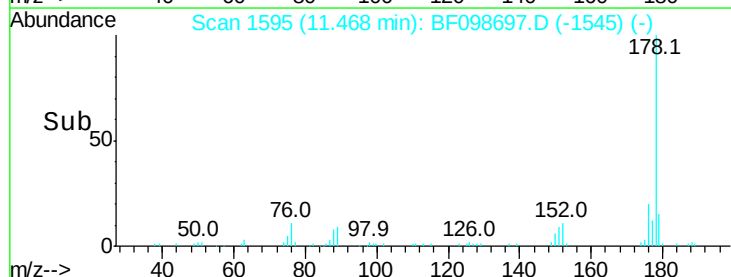
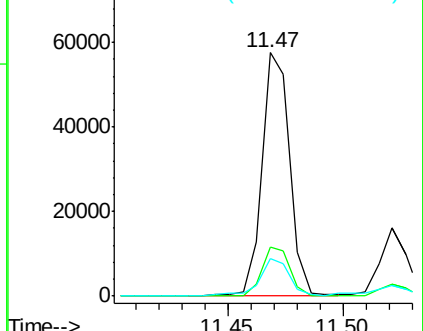
Lab File: BF098697.D

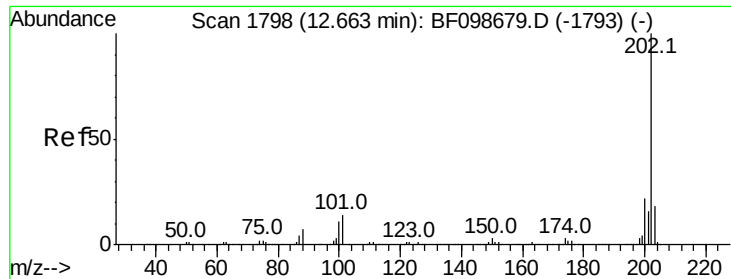
Acq: 22 Sep 2017 13:57

Tgt Ion:	178	Resp:	48288
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E





#74

Fluoranthene

Concen: 5.455 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Instrument :

BNA_F

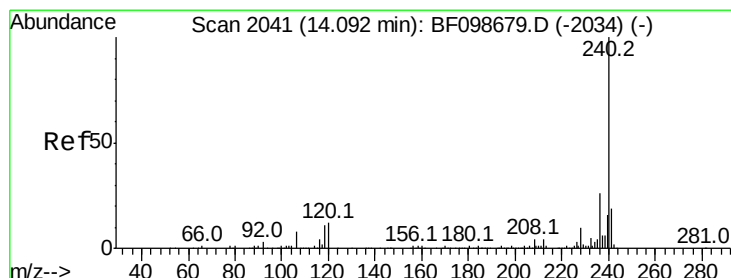
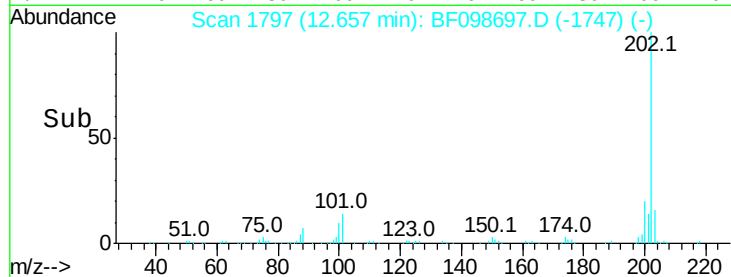
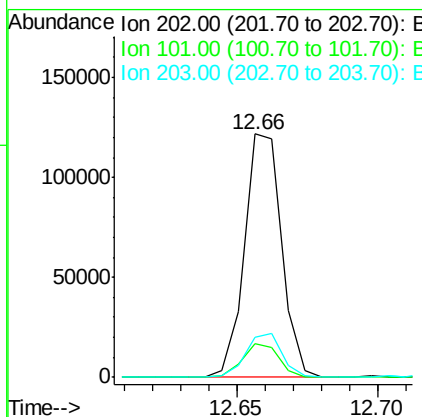
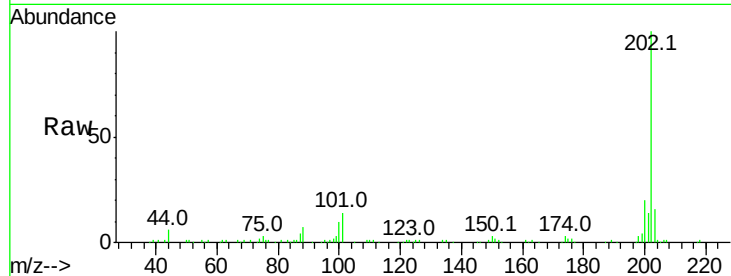
ClientSampleId :

SP-B-R-SIDE-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	111262		
101	13.8	0.0	34.1	
203	16.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

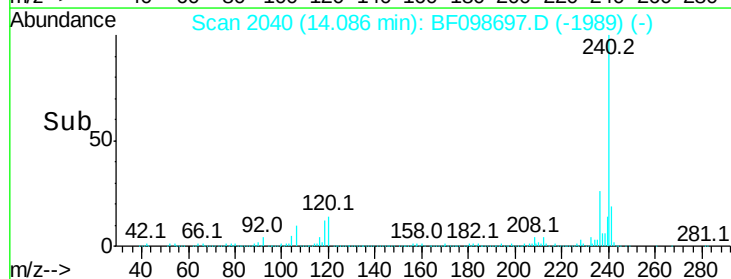
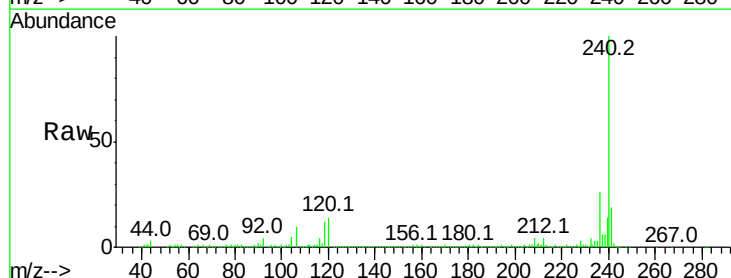
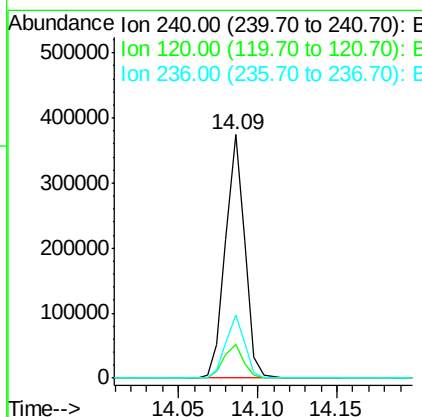
RT: 14.09 min Scan# 2040

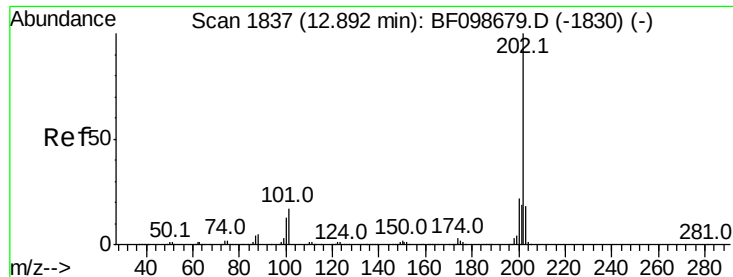
Delta R.T. -0.00 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	316053		
120	13.8	9.5	14.3	
236	25.8	20.7	31.1	





#77

Pvrene

Concen: 4.670 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Instrument :

BNA_F

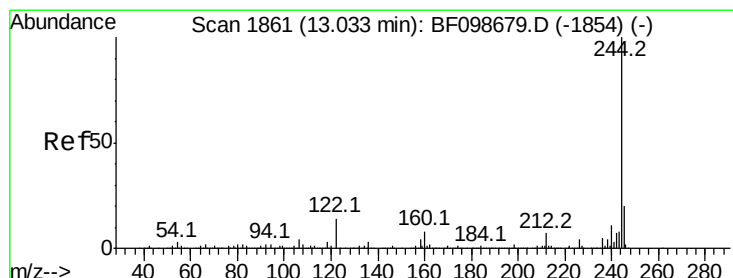
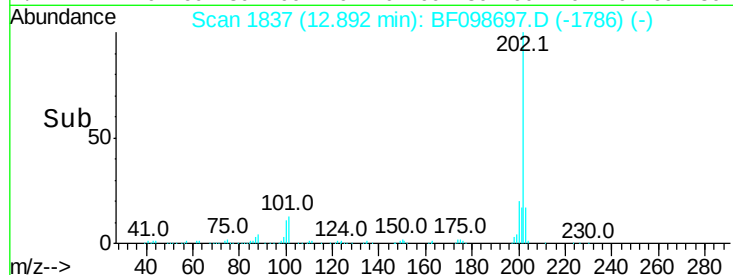
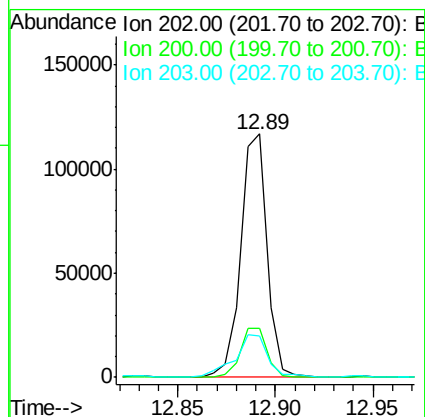
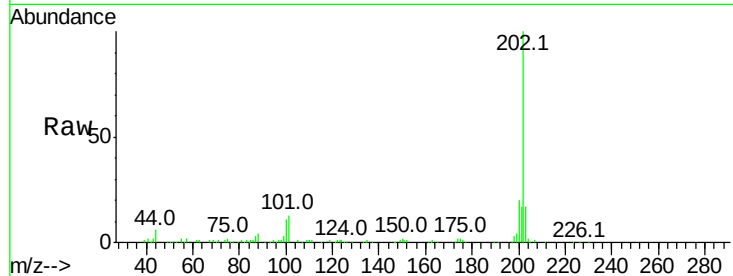
ClientSampleId :

SP-B-R-SIDE-COMP

Tot Ion:	202	Resp:	109585
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 10.302 ng

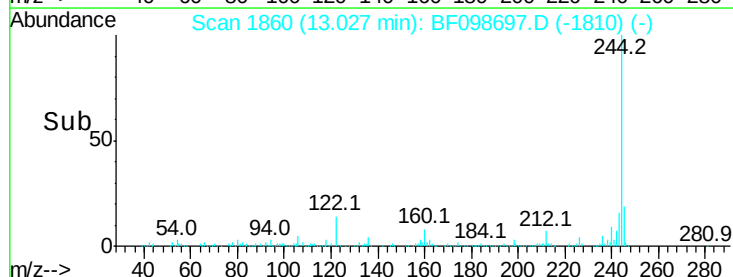
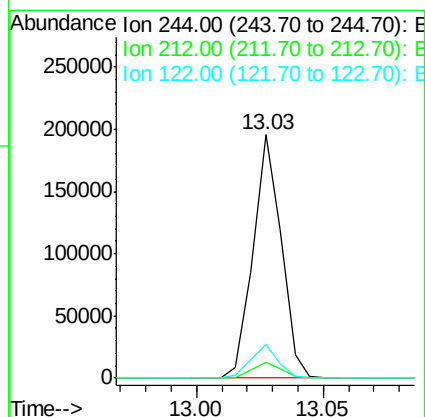
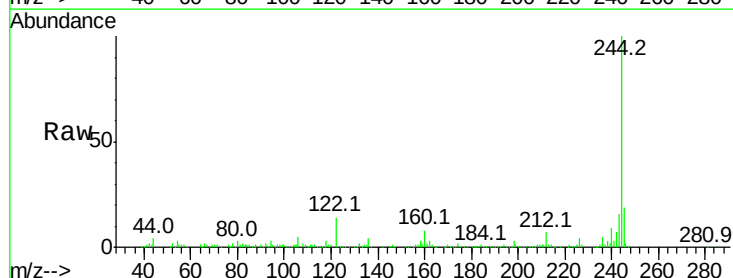
RT: 13.03 min Scan# 1860

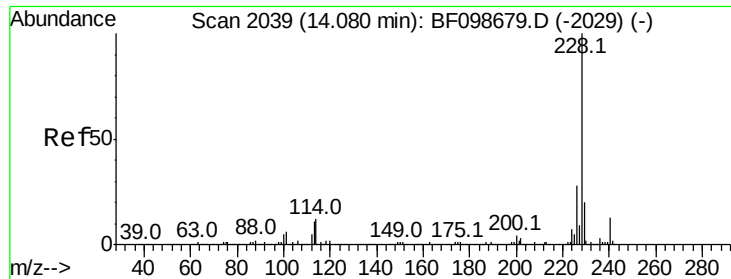
Delta R.T. -0.01 min

Lab File: BF098697.D

Acq: 22 Sep 2017 13:57

Tgt Ion:	244	Resp:	151631
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	14.0	11.0	16.4





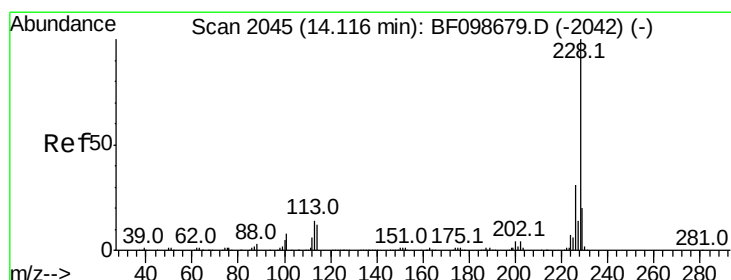
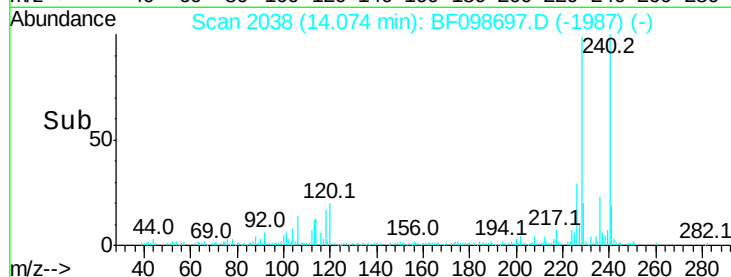
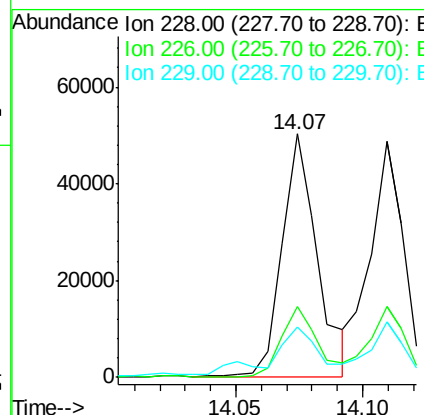
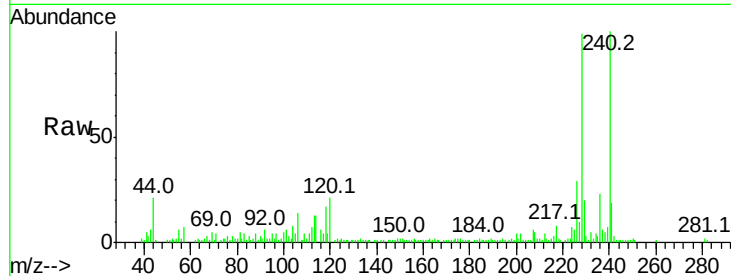
#80
Benzo(a)anthracene
Concen: 2.589 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.4	15.8	23.6

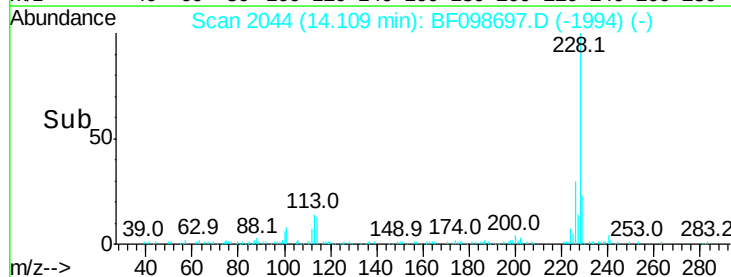
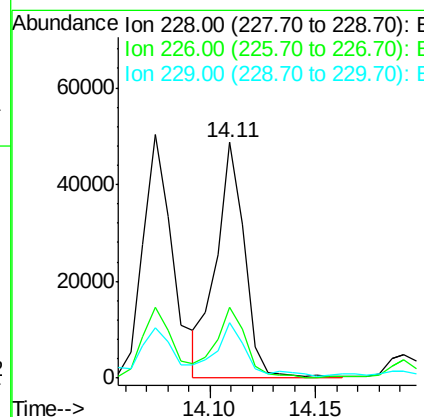
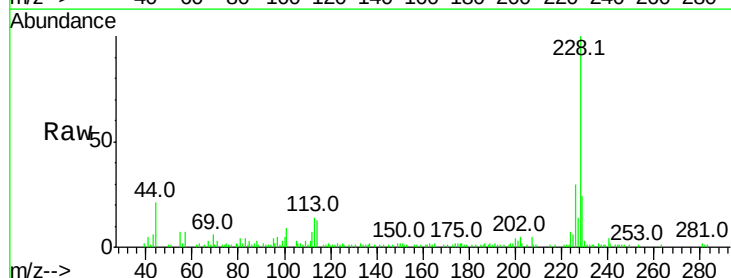
Manual Integrations
APPROVED

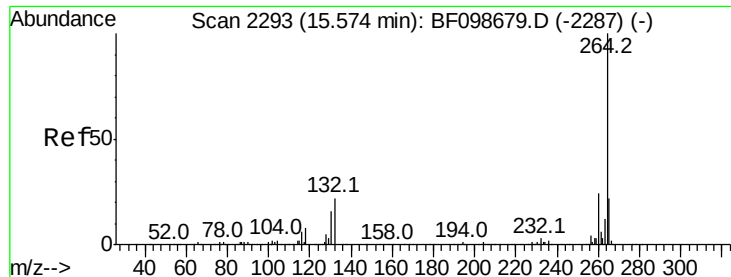
Sohil
9/25/2017 6:21:06 PM



#82
Chrysene
Concen: 2.508 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	23.6	16.2	24.4





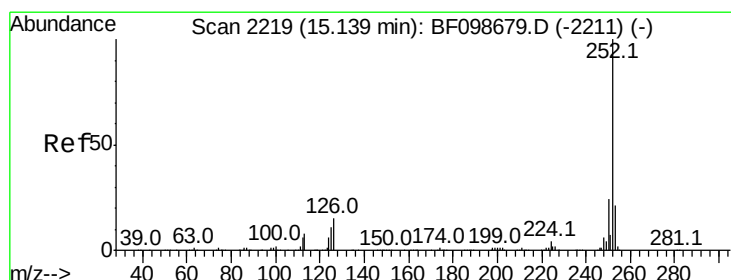
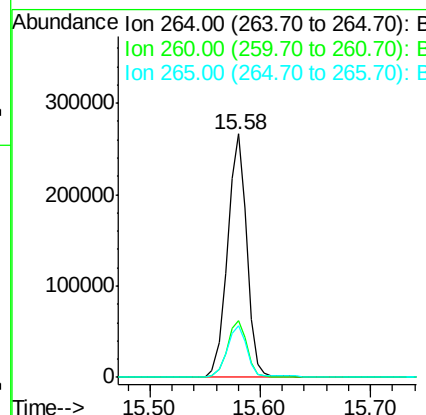
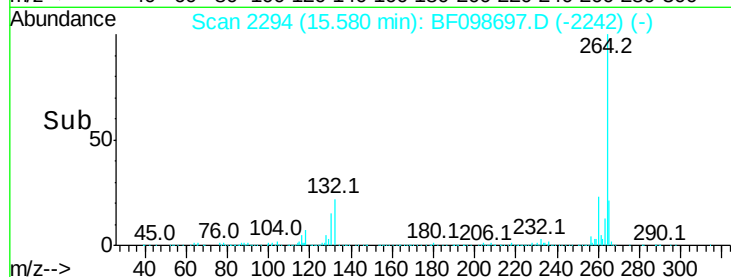
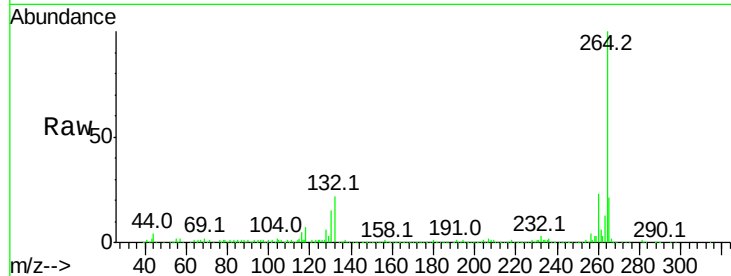
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tot Ion:	264	Resp:	326517
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

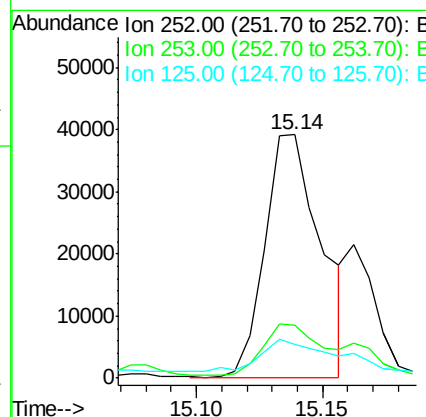
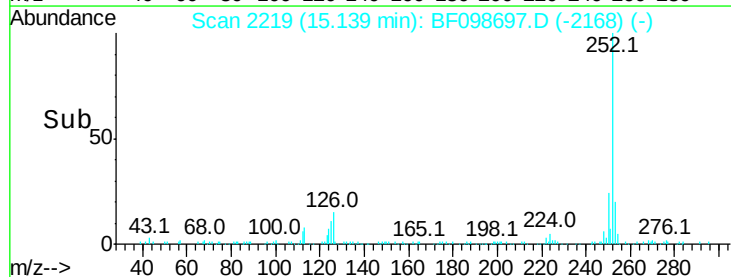
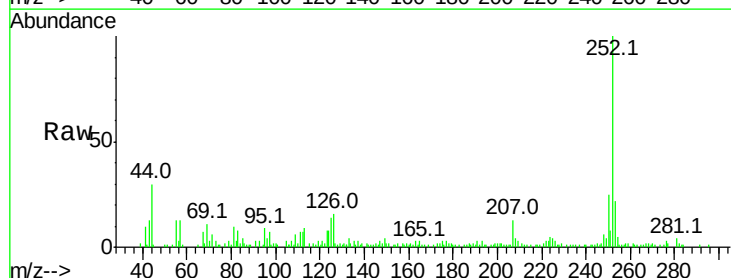
Manual Integrations
APPROVED

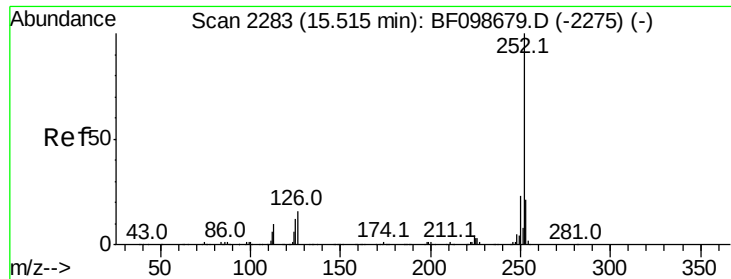
Sohil
9/25/2017 6:21:06 PM



#87
Benzo(b)fluoranthene
Concen: 3.210 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:	252	Resp:	60791
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	14.1	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.290 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF098697.D
 Acq: 22 Sep 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-R-SIDE-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	17.5	9.8	14.6#

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:21:06 PM

