

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098698.D
 Acq On : 22 Sep 2017 14:24
 Operator : SJ/JU
 Sample : I5293-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Manual Integrations
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Sohil
 9/25/2017 6:21:08 PM

Quant Time: Sep 22 15:08:52 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	151639	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	575235	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	218305	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	317847	20.00	ng	0.00
75) Chrysene-d12	14.09	240	331600	20.00	ng	0.00
86) Perylene-d12	15.58	264	326196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	150524	15.07	ng	0.00
7) Phenol-d6	6.53	99	182005	15.05	ng	-0.01
23) Nitrobenzene-d5	7.48	82	92847	10.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	22396	11.22	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	182429	13.30	ng	0.00
78) Terphenyl-d14	13.03	244	127024	8.23	ng	0.00
Target Compounds						
70) Phenanthrene	11.47	178	40404	2.343	ng	98
74) Fluoranthene	12.66	202	87791	5.109	ng	98
77) Pyrene	12.89	202	90798	3.688	ng	99
80) Benzo(a)anthracene	14.07	228	40907	2.048	ng	95
82) Chrysene	14.11	228	39221	2.033	ng	97
87) Benzo(b)fluoranthene	15.14	252	47018m	2.485	ng	

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

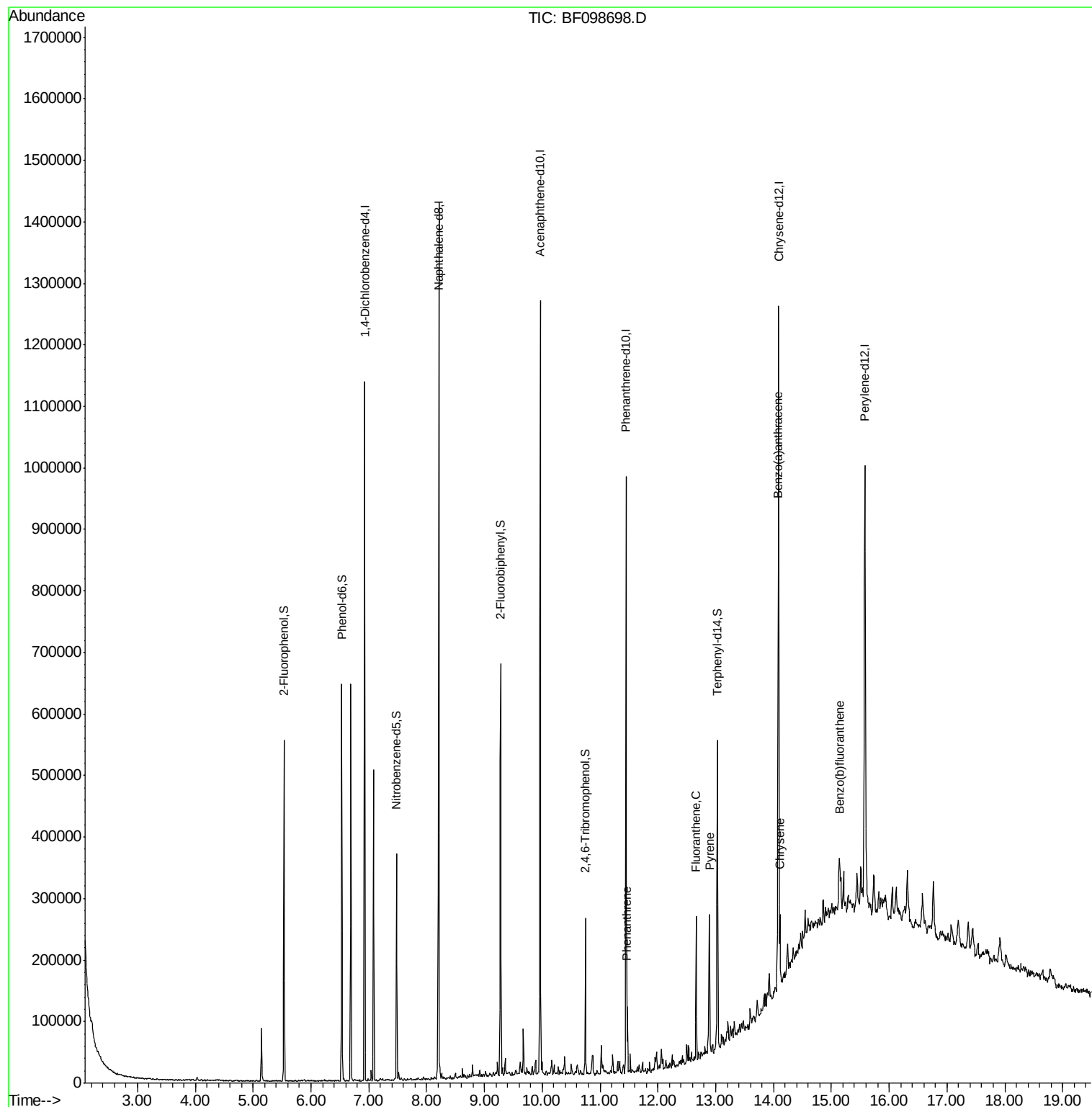
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098698.D
Acq On : 22 Sep 2017 14:24
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Sample : I5293-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

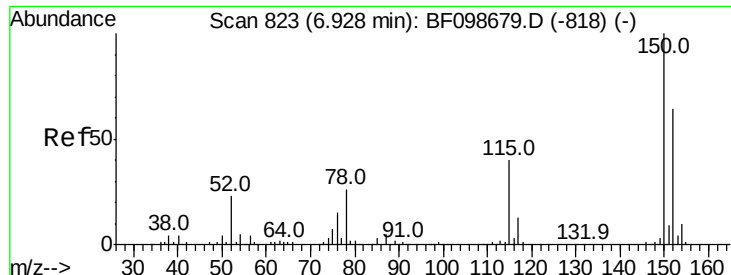
Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

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Quant Time: Sep 22 15:08:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
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#1

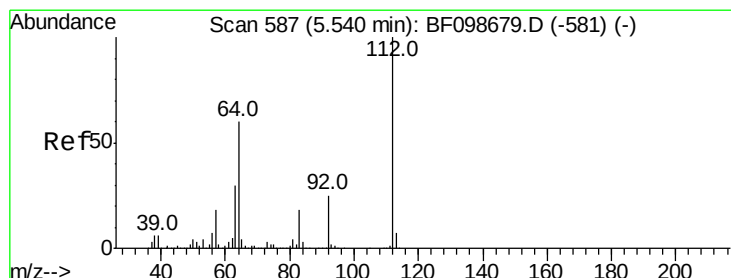
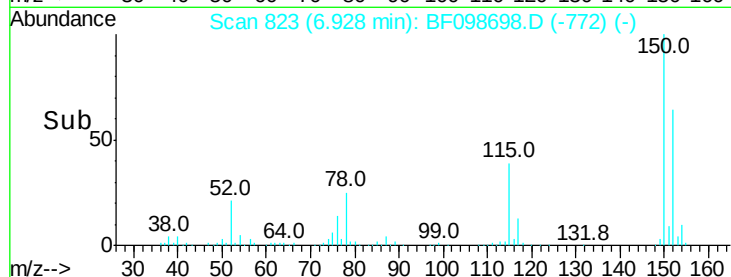
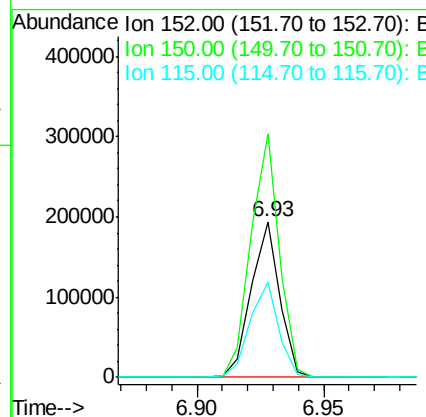
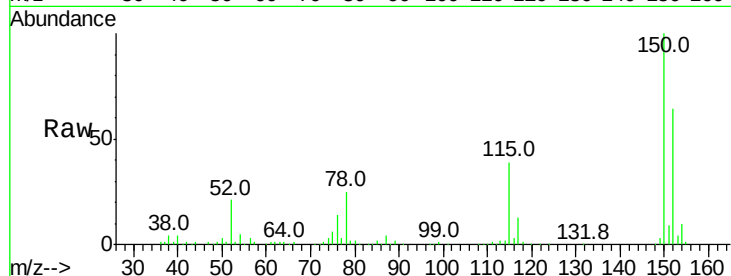
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098698.D
Acq: 22 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.7	50.1	75.1

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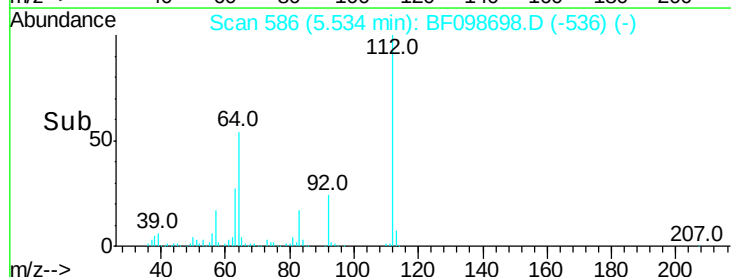
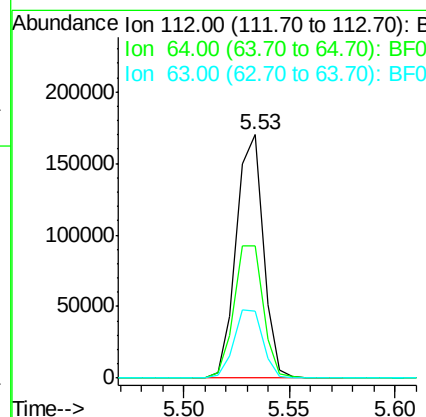
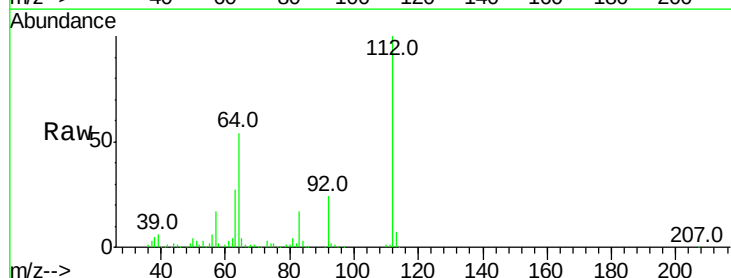
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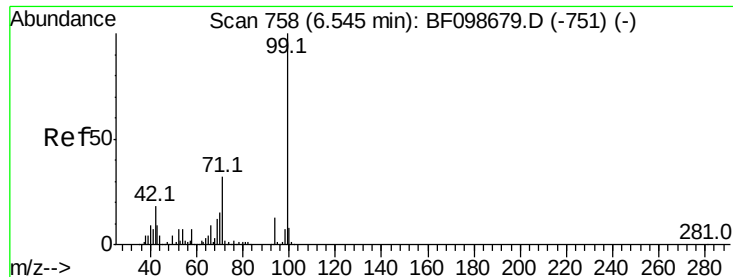


#5

2-Fluorophenol
Concen: 15.074 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098698.D
Acq: 22 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	27.4	23.7	35.5





#7

Phenol-d6

Concen: 15.051 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Instrument :

BNA_F

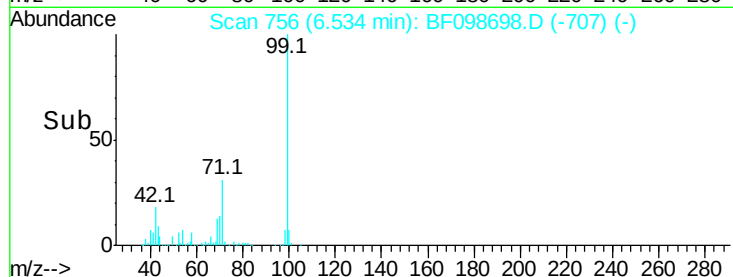
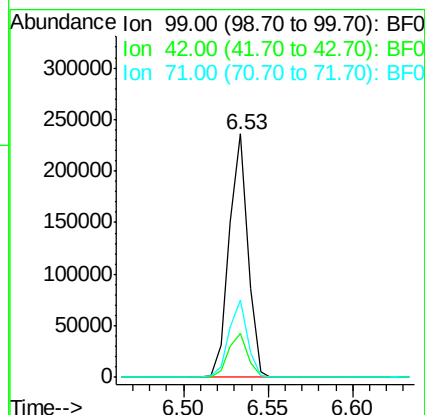
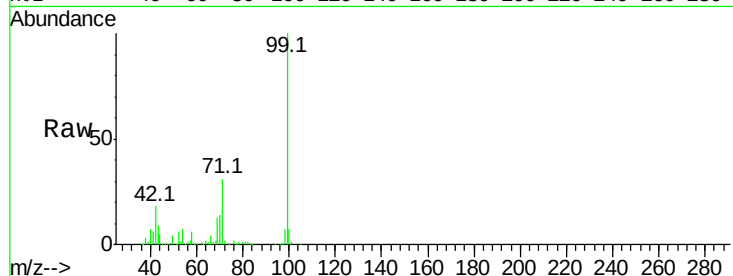
ClientSampleId :

SP-A-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		182005		
42	18.1	14.5	21.7		
71	31.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

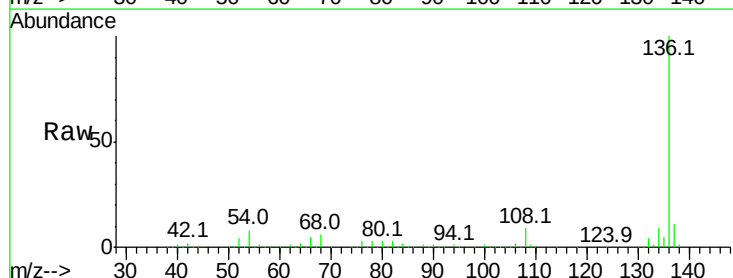
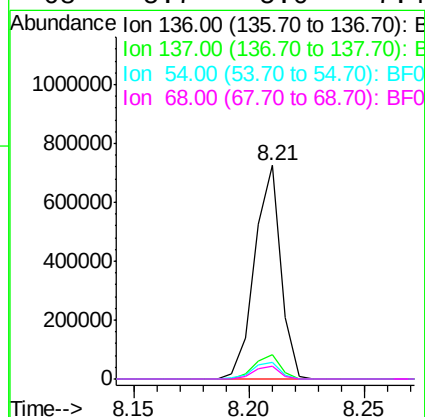
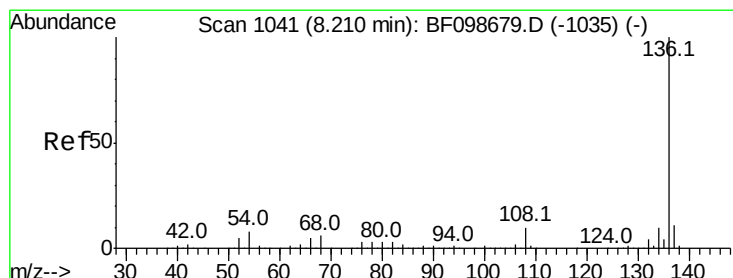
RT: 8.21 min Scan# 1041

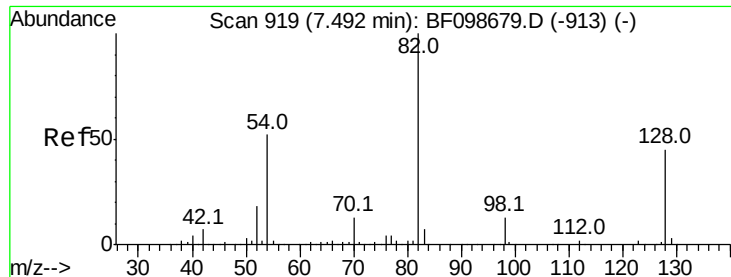
Delta R.T. 0.00 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		575235		
137	11.1	8.9	13.3		
54	7.6	6.6	9.8		
68	5.7	5.0	7.4		





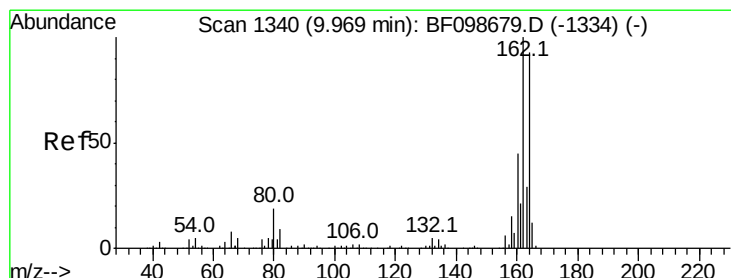
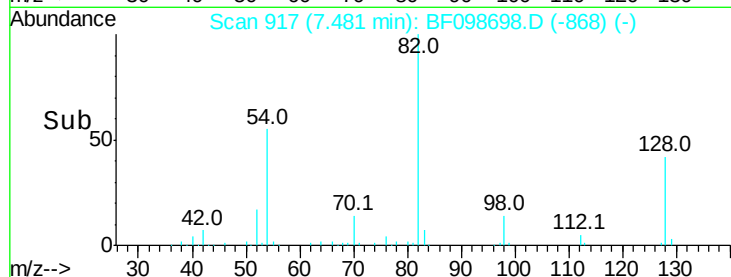
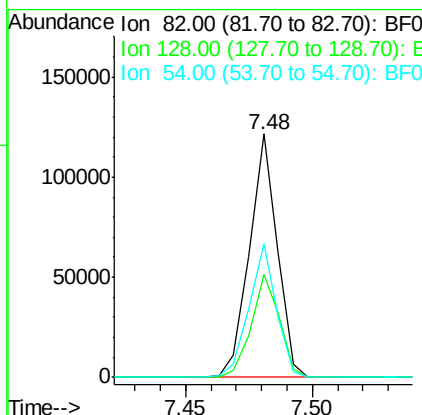
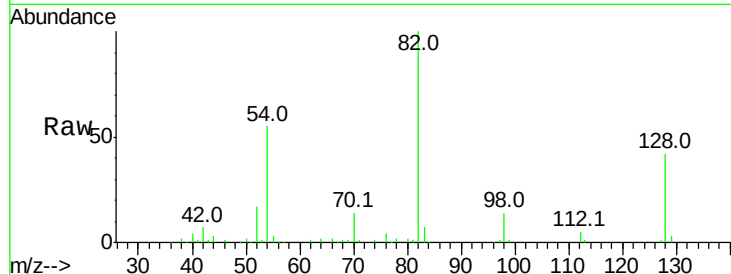
#23
 Nitrobenzene-d5
 Concen: 10.948 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098698.D
 Acq: 22 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	54.9	41.4	62.2

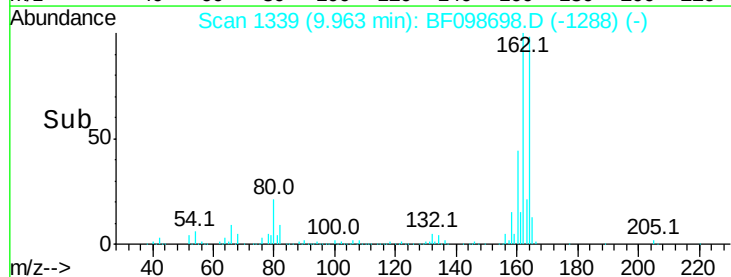
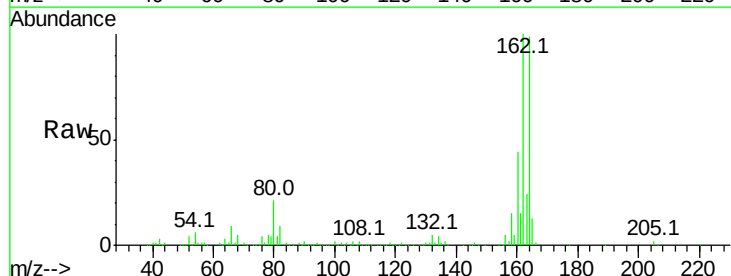
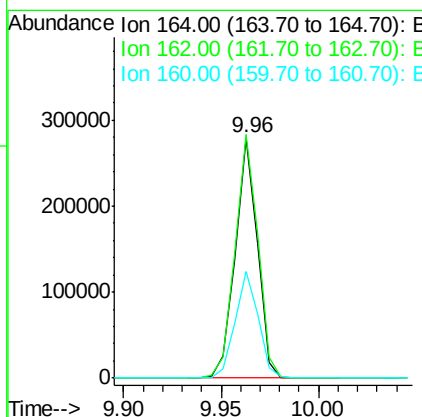
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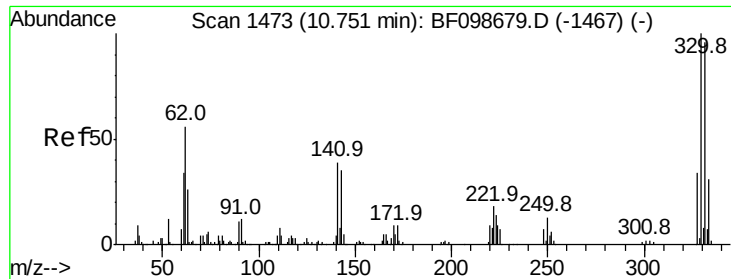
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF098698.D
 Acq: 22 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	44.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 11.218 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Instrument :

BNA_F

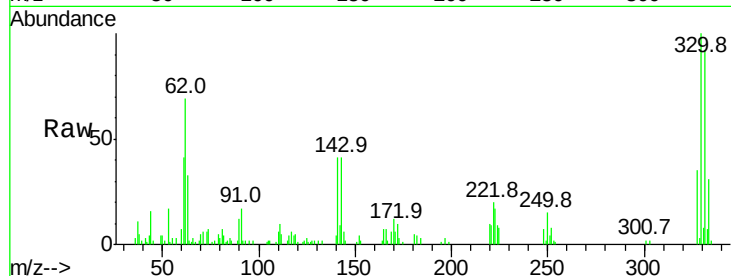
ClientSampleId :

SP-A-COMP

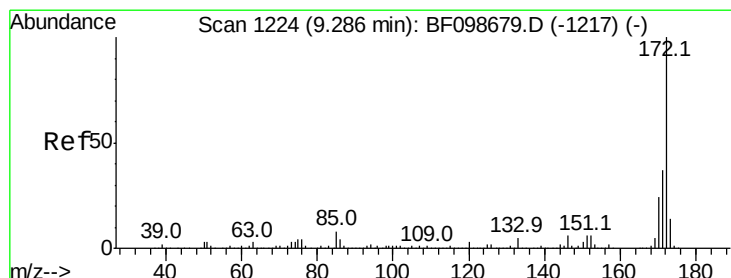
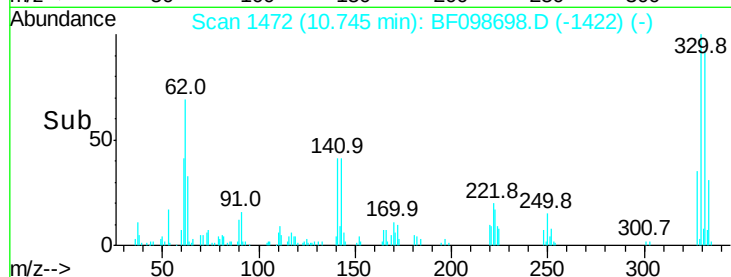
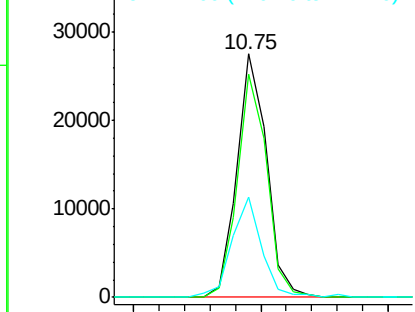
Tot Ion:	330	Resp:	22396
Ion Ratio	Lower	Upper	
330	100		
332	90.7	77.0	115.6
141	41.9	29.9	44.9

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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: 13.298 ng

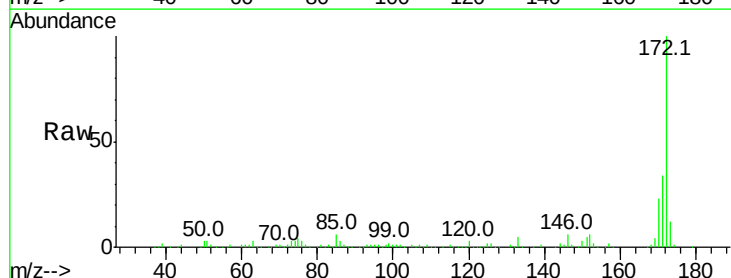
RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

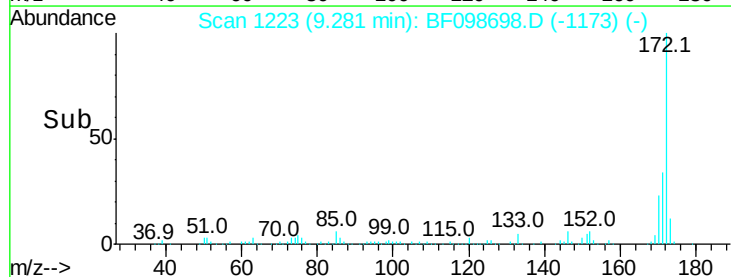
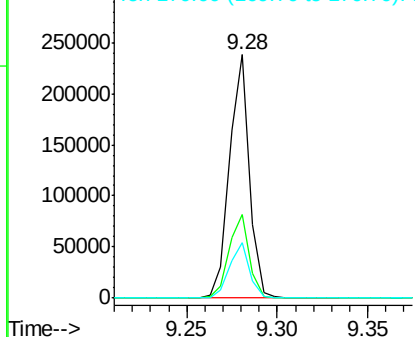
Lab File: BF098698.D

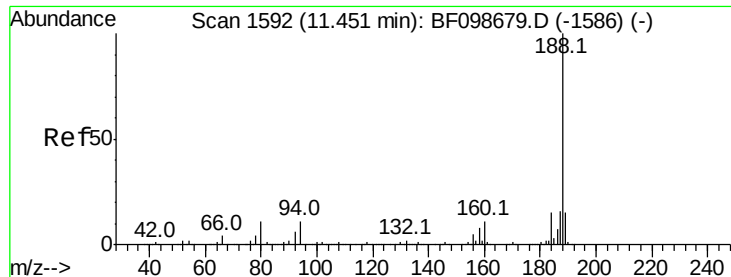
Acq: 22 Sep 2017 14:24

Tgt Ion:	172	Resp:	182429
Ion Ratio	Lower	Upper	
172	100		
171	34.2	29.7	44.5
170	22.9	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





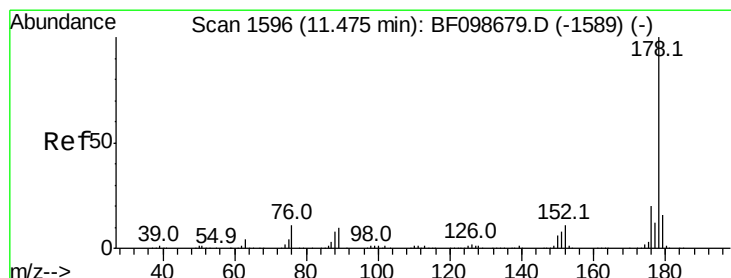
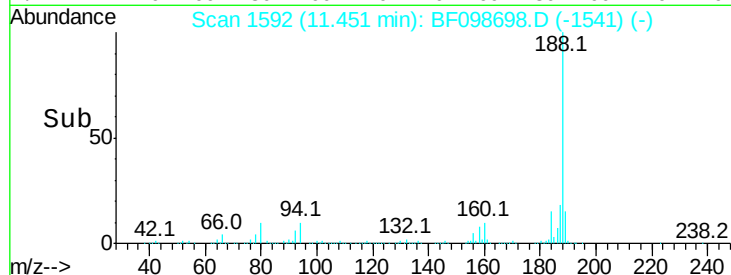
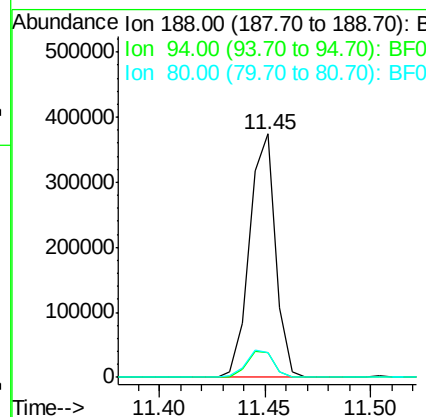
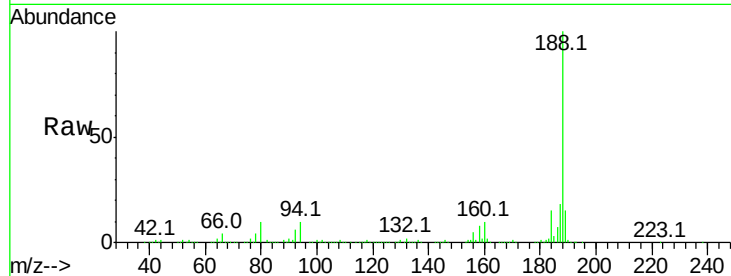
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098698.D
Acq: 22 Sep 2017 14:24

Instrument :
BNA_F
ClientSampled :
SP-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	317847		
94	10.1		8.5	12.7
80	10.4		9.2	13.8

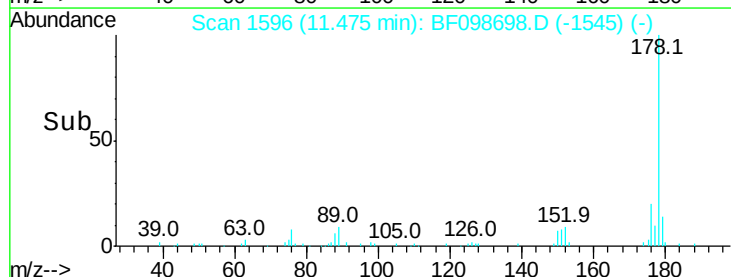
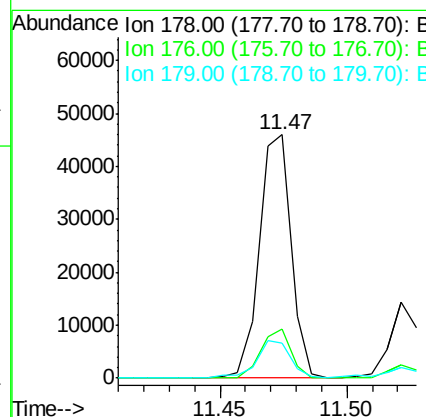
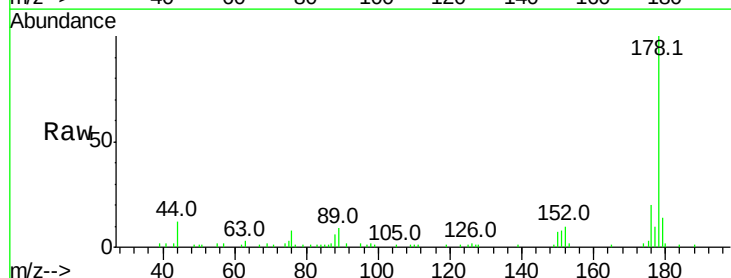
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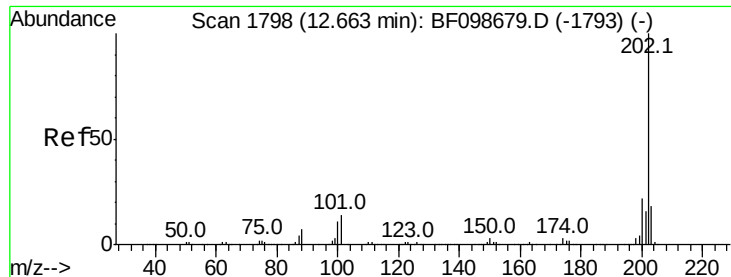
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#70
Phenanthrene
Concen: 2.343 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF098698.D
Acq: 22 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	40404		
176	19.9		15.8	23.8
179	14.2		13.0	19.6





#74

Fluoranthene

Concen: 5.109 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Instrument :

BNA_F

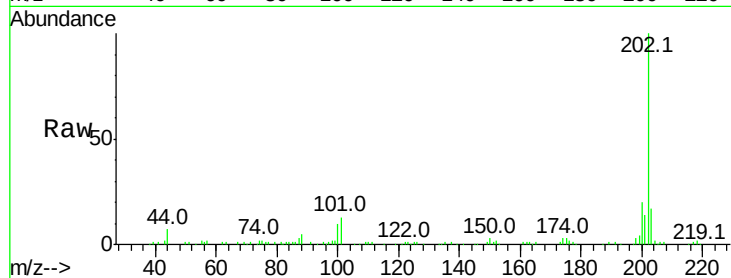
ClientSampled :

SP-A-COMP

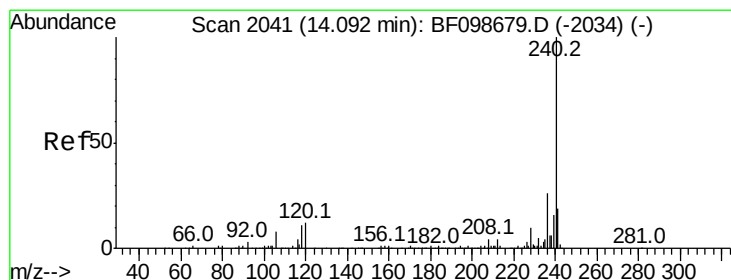
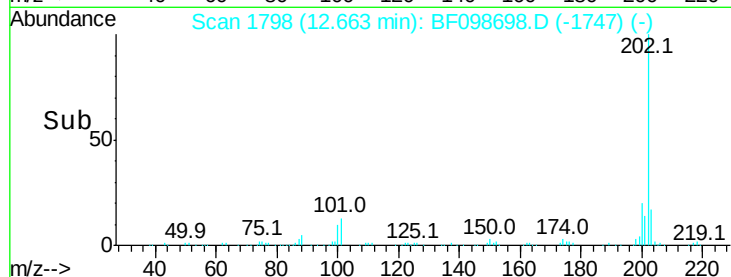
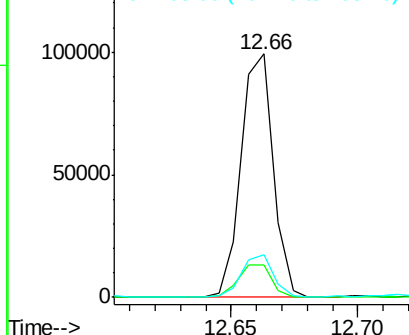
Tot Ion	Ratio	Resp	Lower	Upper
202	100	87791		
101	13.2		0.0	34.1
203	17.4		0.0	38.1

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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



#75

Chrysene-d12

Concen: 20.000 ng

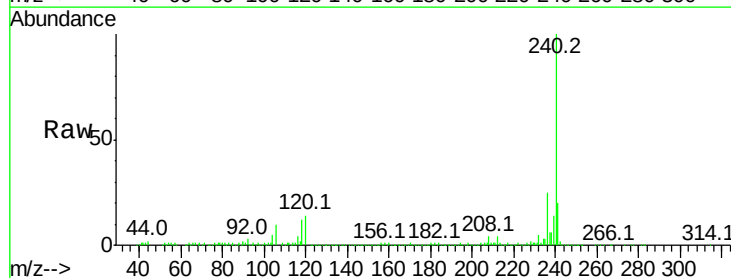
RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

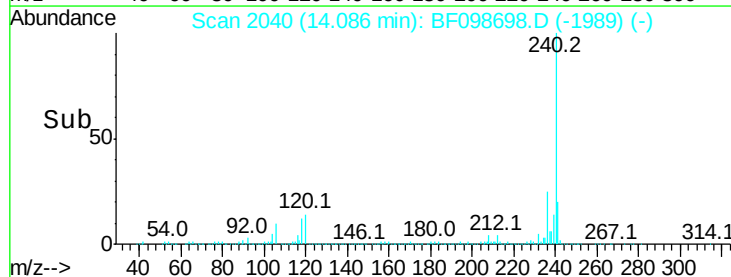
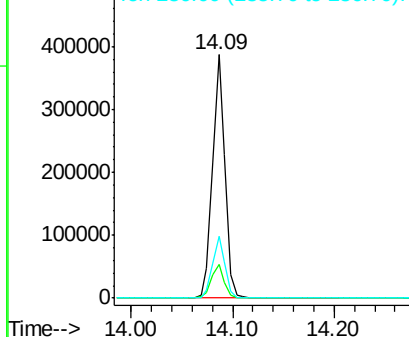
Lab File: BF098698.D

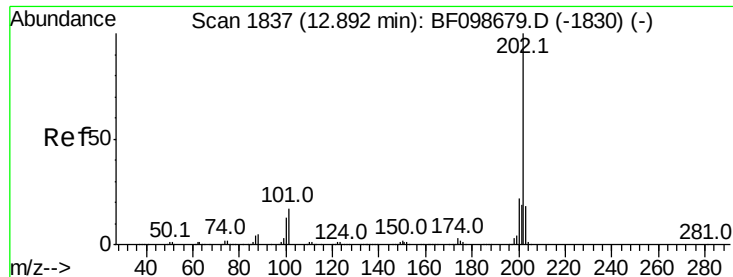
Acq: 22 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331600		
120	14.1		9.5	14.3
236	25.3		20.7	31.1



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





#77

Pvrene

Concen: 3.688 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Instrument :

BNA_F

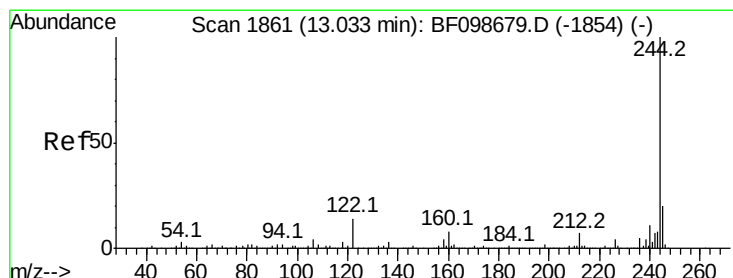
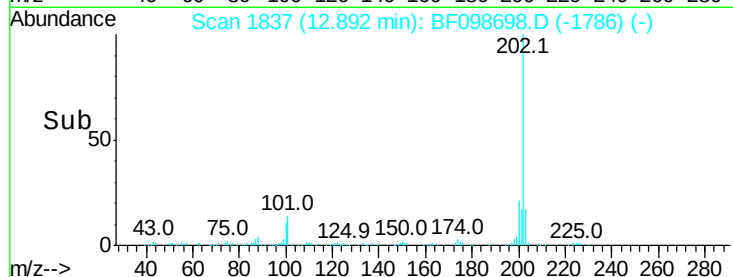
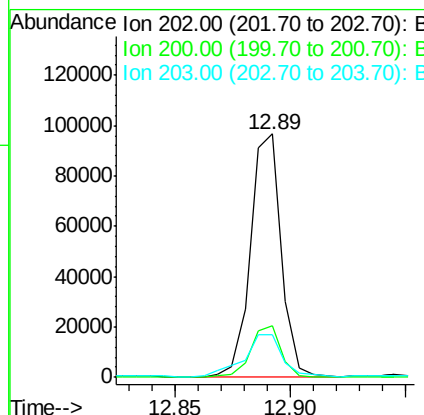
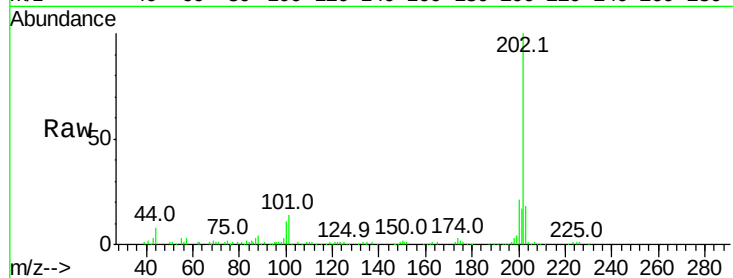
ClientSampleId :

SP-A-COMP

Tot Ion:	202	Resp:	90798
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 8.225 ng

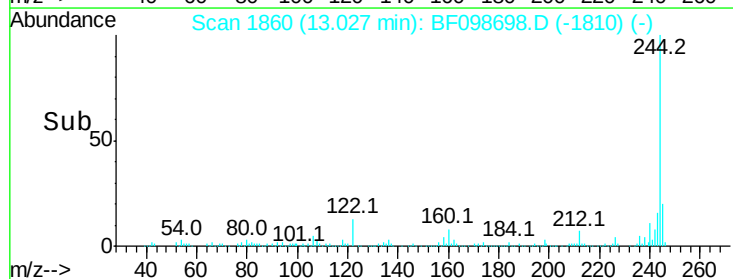
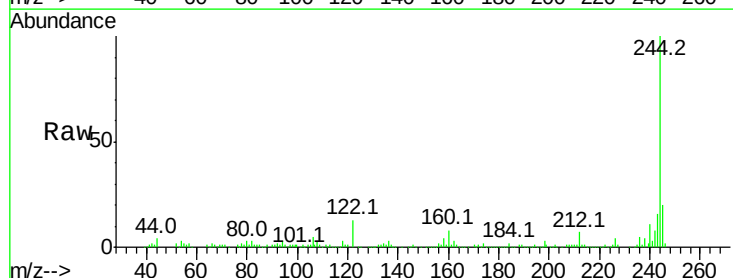
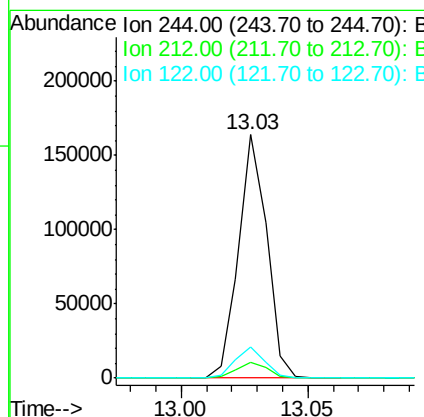
RT: 13.03 min Scan# 1860

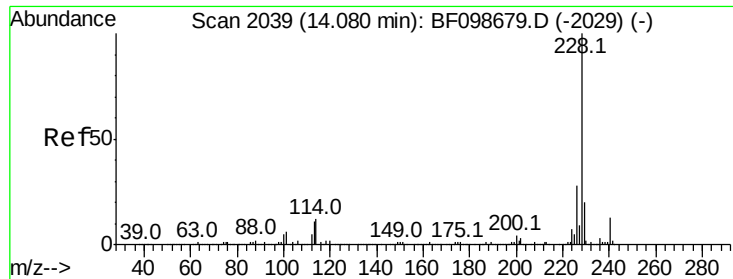
Delta R.T. -0.01 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Tgt Ion:	244	Resp:	127024
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.7	11.0	16.4





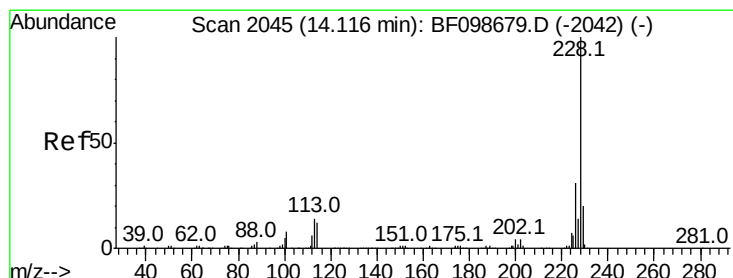
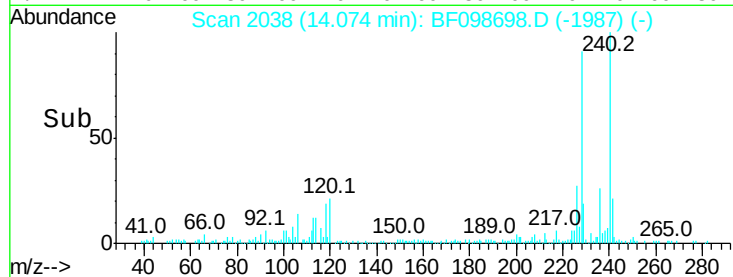
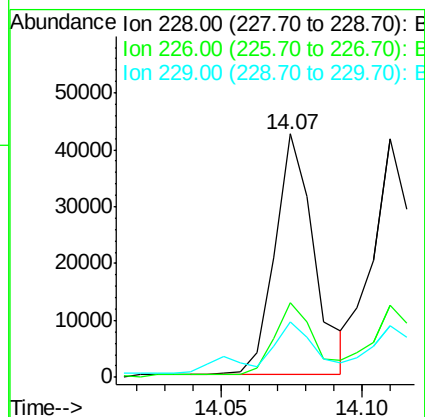
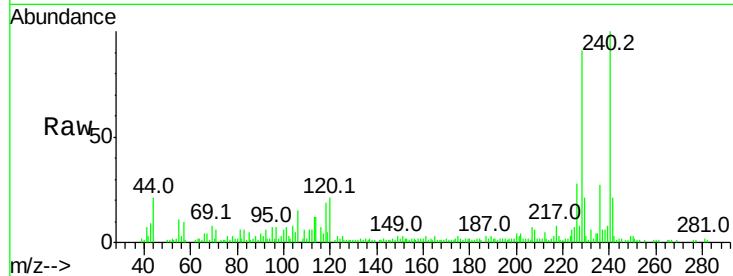
#80
Benzo(a)anthracene
Concen: 2.048 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF098698.D
Acq: 22 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	22.6	15.8	23.6

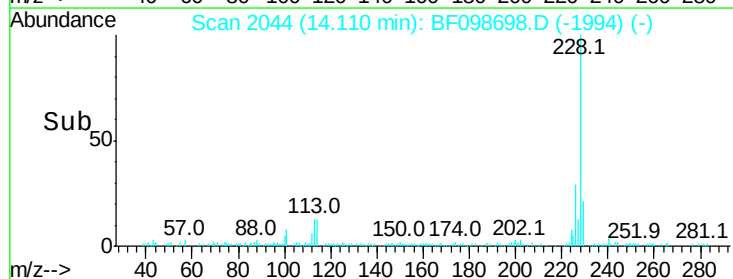
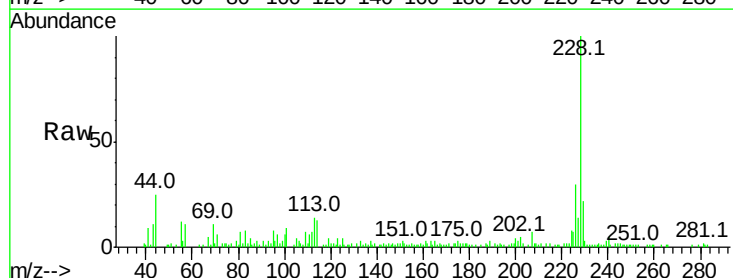
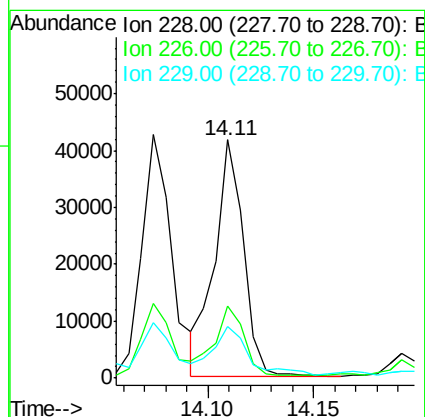
Manual Integrations
APPROVED

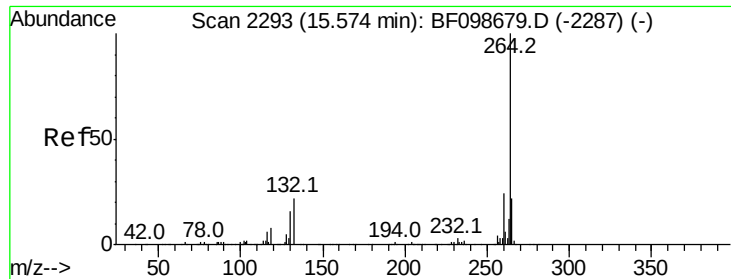
Sohil
9/25/2017 6:21:08 PM



#82
Chrysene
Concen: 2.033 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098698.D
Acq: 22 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.7	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: BF098698.D

Acq: 22 Sep 2017 14:24

Instrument :

BNA_F

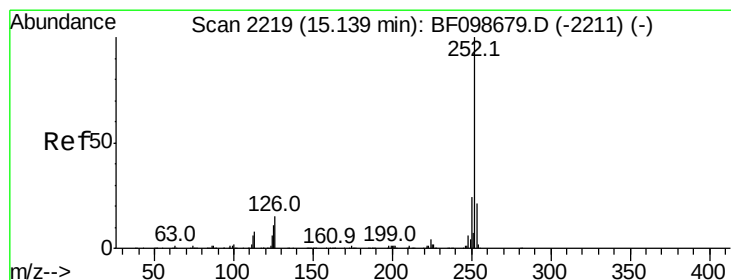
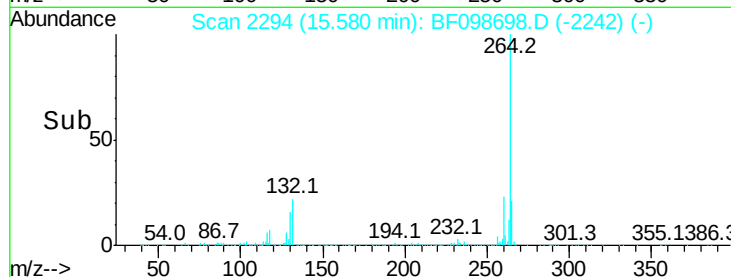
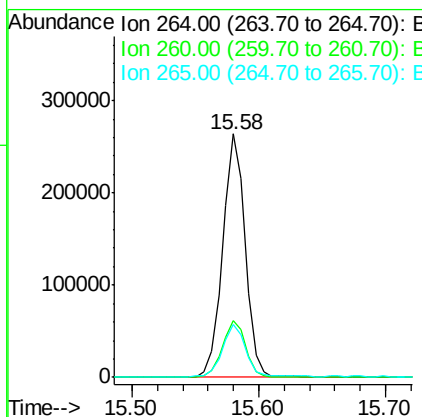
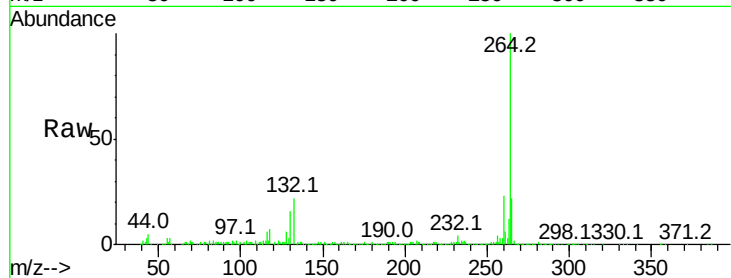
ClientSampleId :

SP-A-COMP

Tot Ion:	264	Resp:	326196
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:08 PM



#87

Benzo(b)fluoranthene

Concen: 2.485 ng m

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF098698.D

Acq: 22 Sep 2017 14:24

Tgt Ion:	252	Resp:	47018
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.0	25.6
125	19.2	9.0	13.6#

