

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098854.D
 Acq On : 27 Sep 2017 11:00
 Operator : SJ/JU
 Sample : I5363-09 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-E-COMP

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:07 PM

Quant Time: Sep 28 02:16:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153700	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	640528	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	288531	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	494509	20.00	ng	0.00
75) Chrysene-d12	14.07	240	290019	20.00	ng	-0.01
86) Perylene-d12	15.57	264	278809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	144879	15.01	ng	-0.02
7) Phenol-d6	6.53	99	178311	14.97	ng	-0.02
23) Nitrobenzene-d5	7.47	82	105288	10.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	33750	14.29	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	219289	12.69	ng	-0.01
78) Terphenyl-d14	13.02	244	168545	13.22	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.46	178	63856	2.412	ng	97
74) Fluoranthene	12.65	202	94638	3.531	ng	97
77) Pyrene	12.88	202	81178	3.671	ng	96
80) Benzo(a)anthracene	14.06	228	37167	2.116	ng	95
82) Chrysene	14.10	228	37088	2.218	ng	97
87) Benzo(b)fluoranthene	15.13	252	51232m	2.989	ng	

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

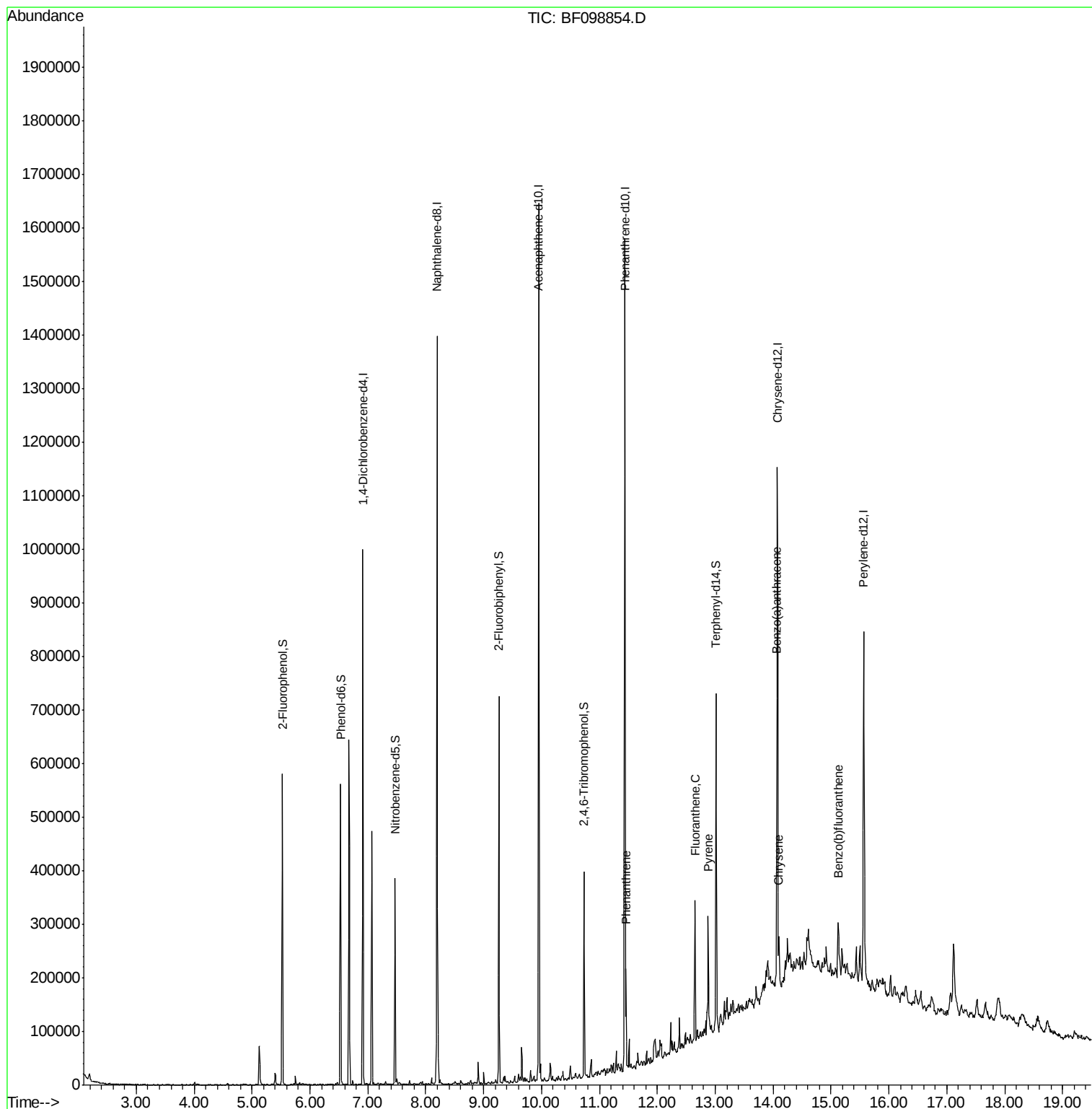
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098854.D
Acq On : 27 Sep 2017 11:00
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Sample : I5363-09 10X
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Instrument :
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SP-3-E-COMPRE

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

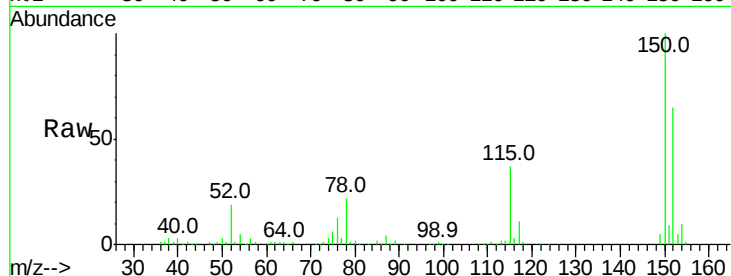
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :
SP-3-E-COMPRE

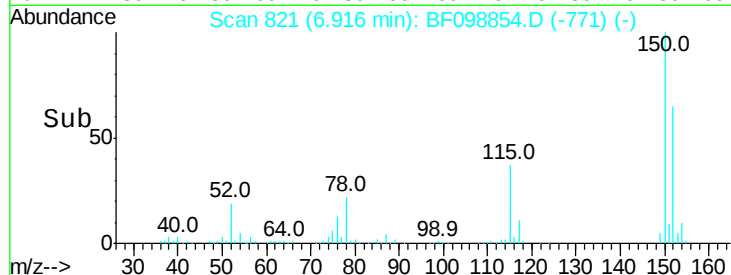
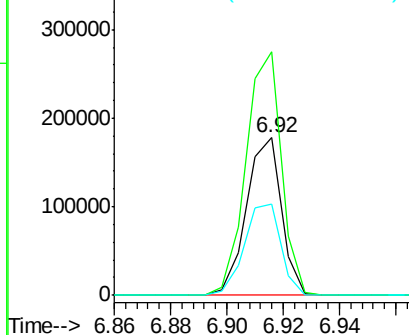
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	57.7	50.1	75.1

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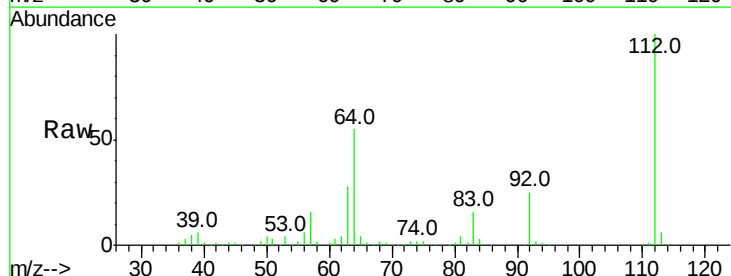
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



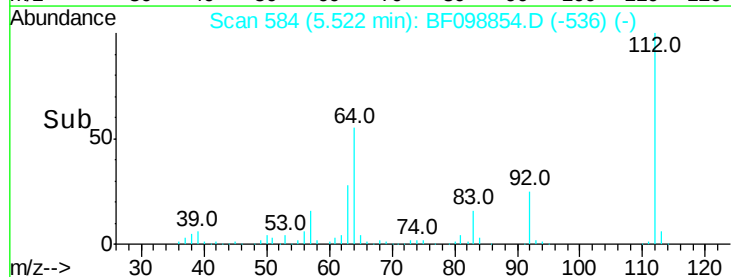
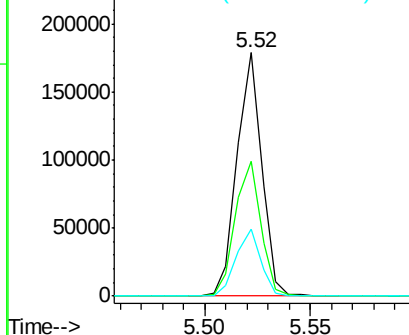
#5

2-Fluorophenol
Concen: 15.005 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.7	23.7	35.5



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: 14.971 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098854.D

Acq: 27 Sep 2017 11:00

Instrument :

BNA_F

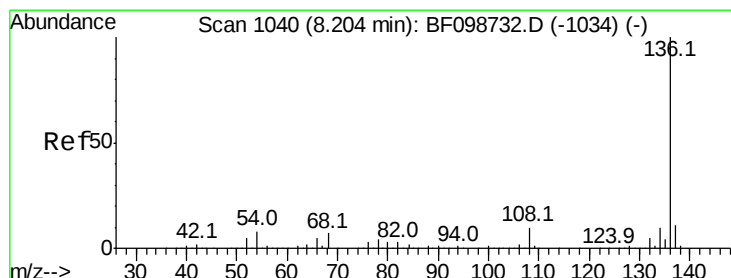
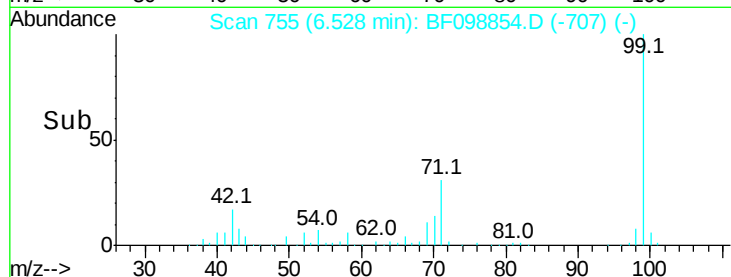
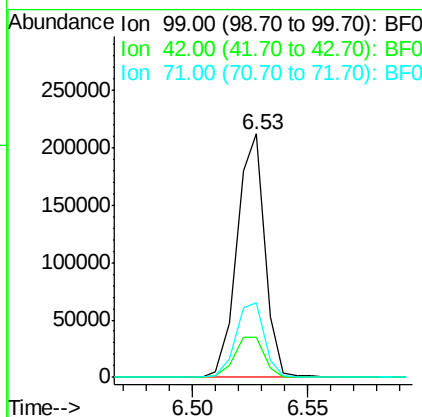
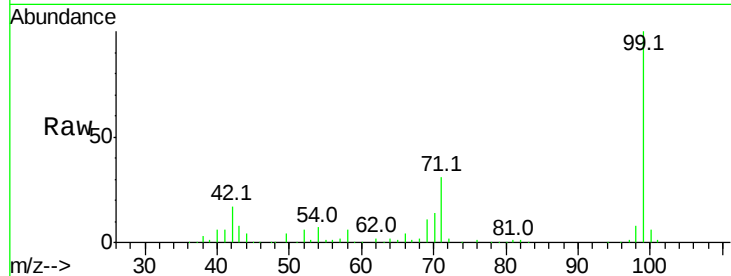
ClientSampleId :

SP-3-E-COMP

Tot Ion:	99	Resp:	178311
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	30.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

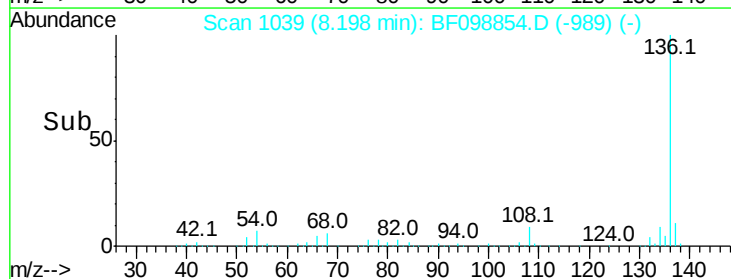
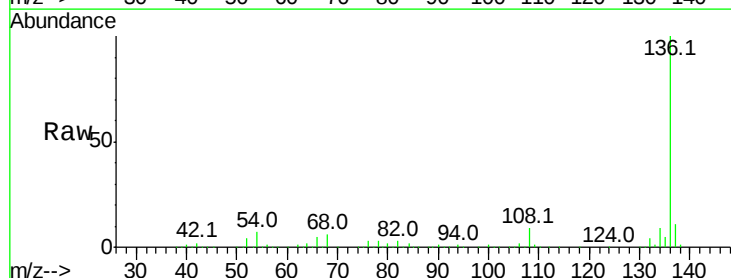
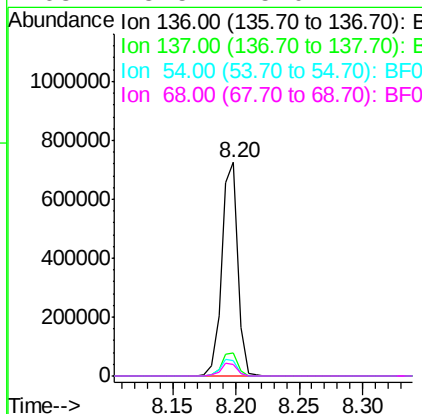
RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098854.D

Acq: 27 Sep 2017 11:00

Tgt Ion:	136	Resp:	640528
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4





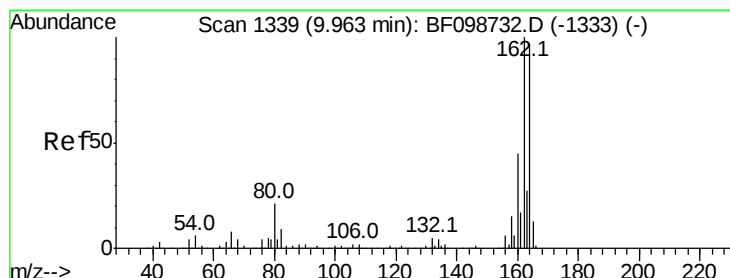
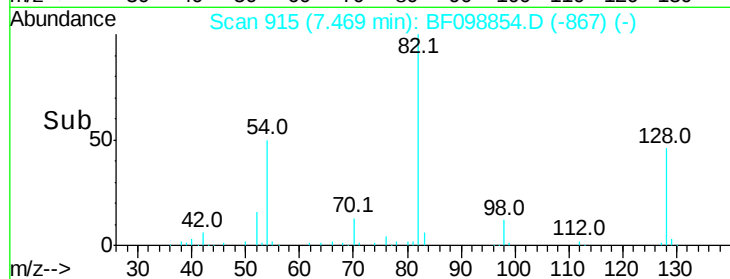
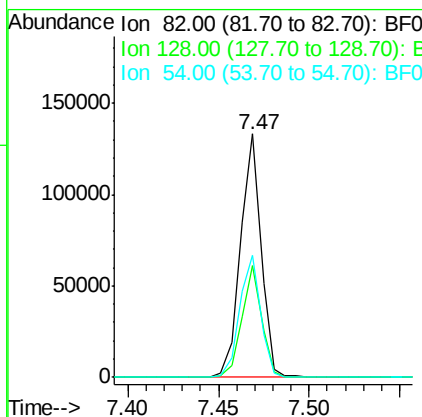
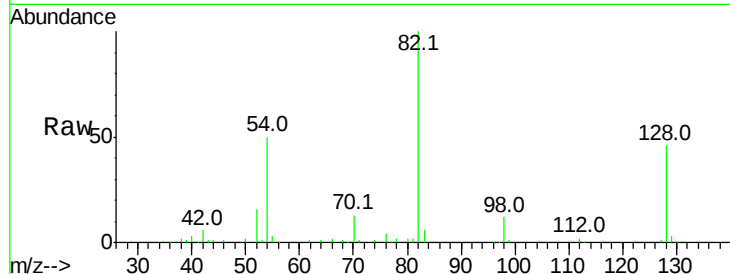
#23
 Nitrobenzene-d5
 Concen: 10.542 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098854.D
 Acq: 27 Sep 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-E-COMPRE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	36.1	54.1	
54	50.2	41.4	62.2	

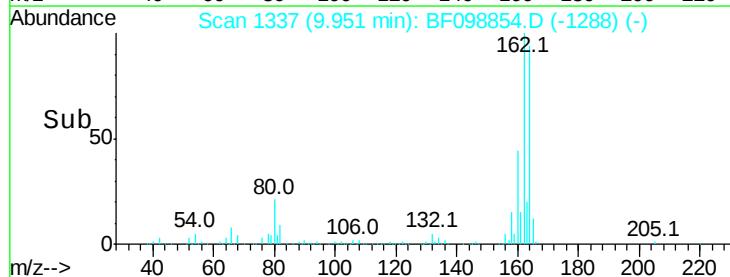
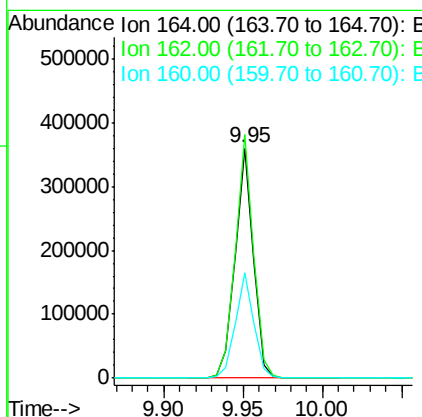
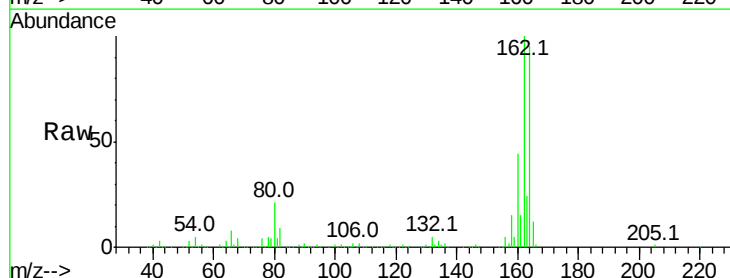
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098854.D
 Acq: 27 Sep 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.8	86.1	129.1	
160	46.0	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 14.295 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BF098854.D

Acq: 27 Sep 2017 11:00

Instrument :

BNA_F

ClientSampled :

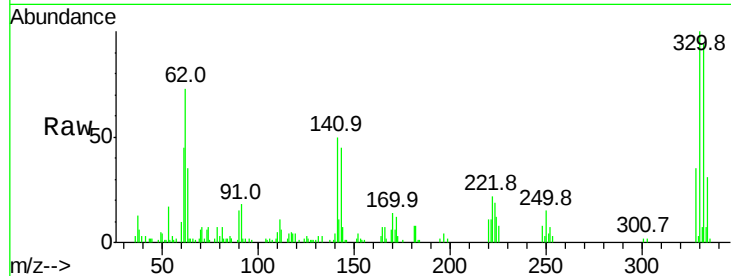
SP-3-E-COMPRE

Tot Ion:	330	Resp:	33750
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	48.4	29.9	44.9#

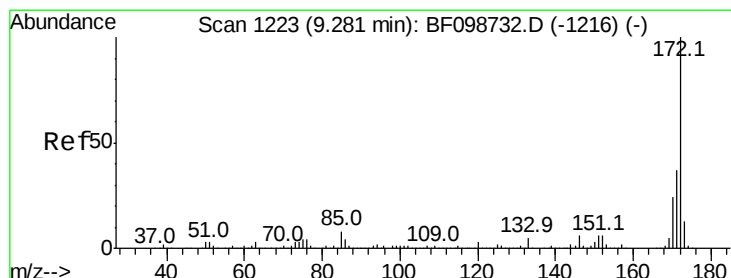
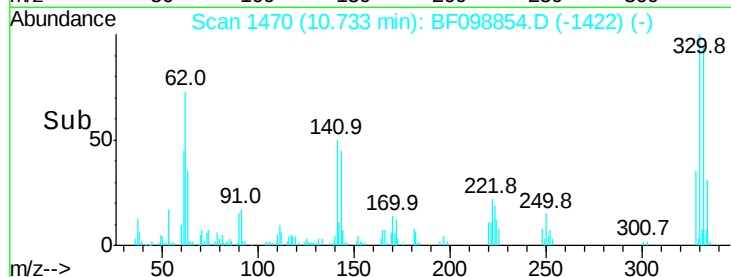
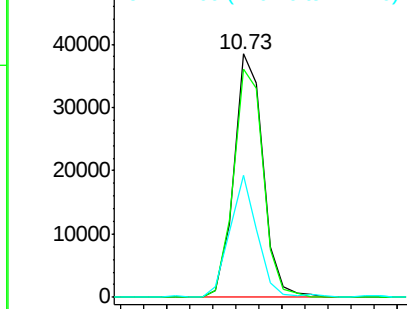
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 12.688 ng

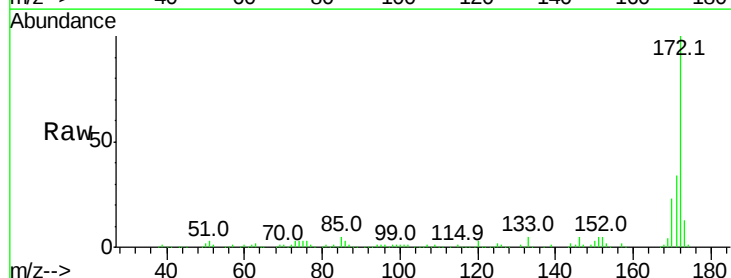
RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

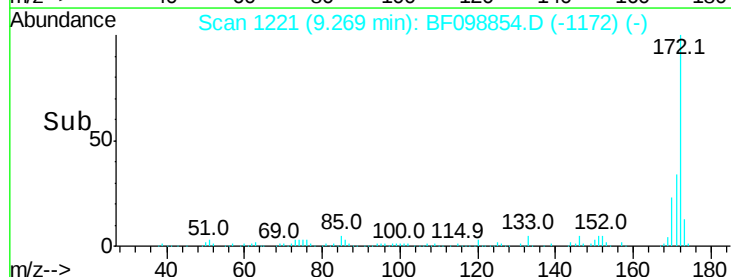
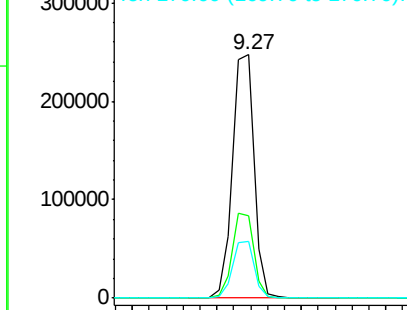
Lab File: BF098854.D

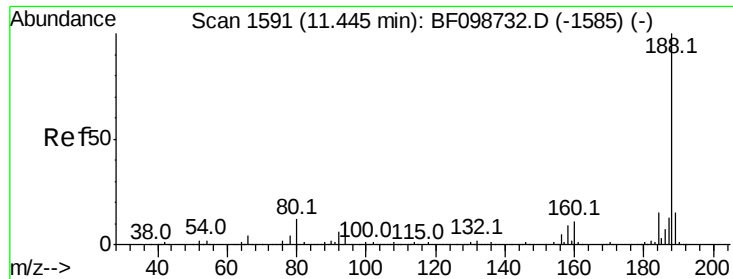
Acq: 27 Sep 2017 11:00

Tgt Ion:	172	Resp:	219289
Ion Ratio	Lower	Upper	
172	100		
171	34.0	29.7	44.5
170	23.1	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





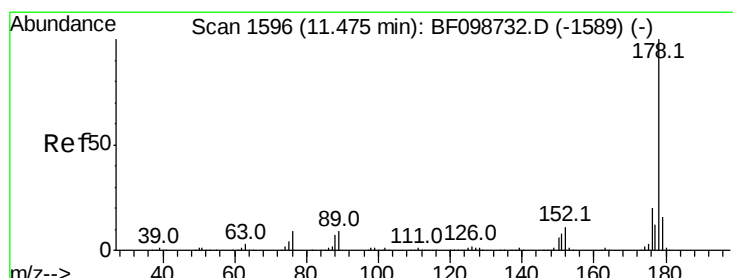
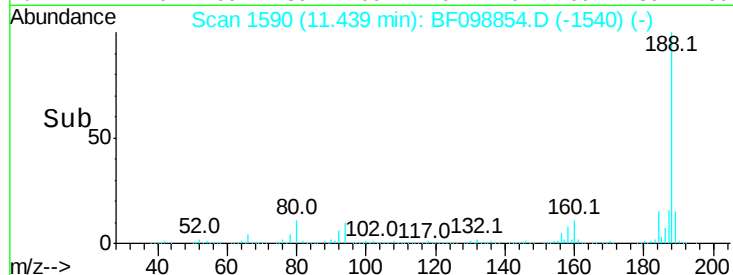
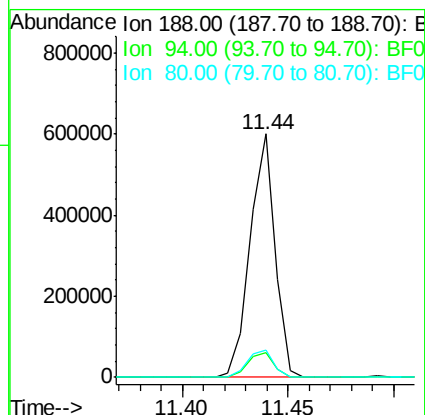
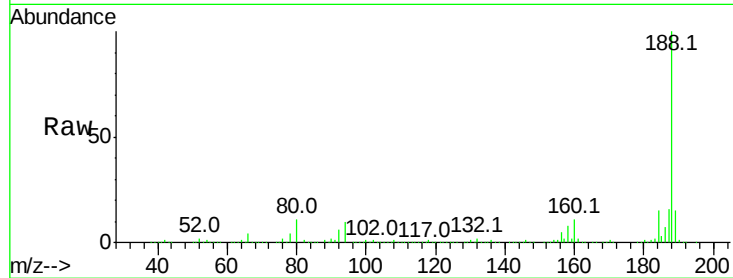
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :
SP-3-E-COMPRE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.5	9.2	13.8

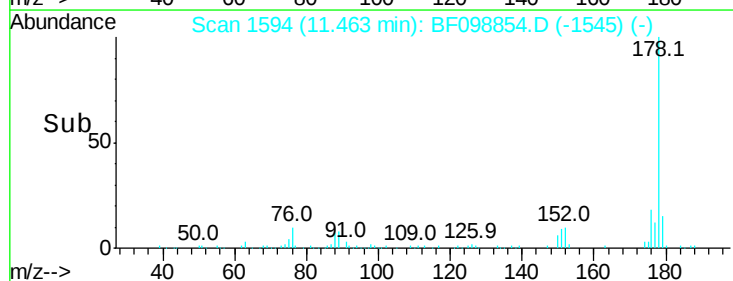
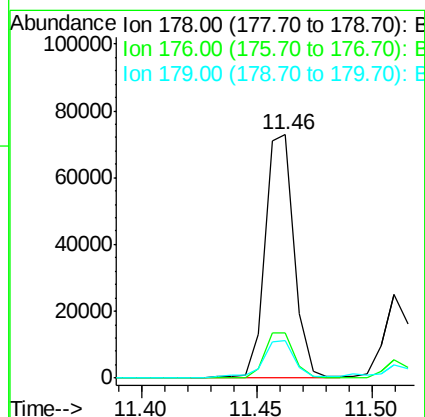
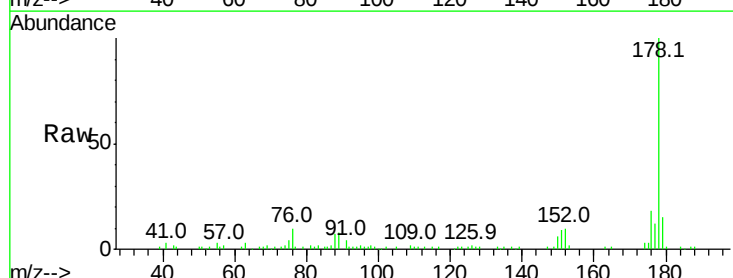
Manual Integrations
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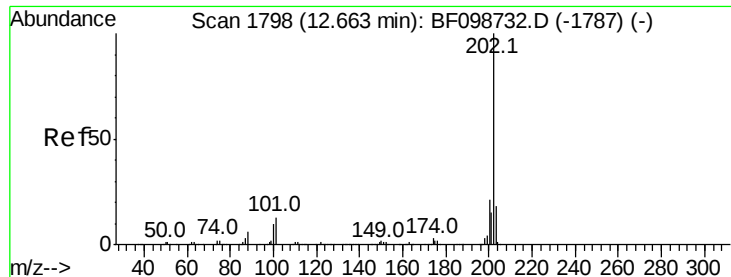
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#70
Phenanthrene
Concen: 2.412 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 3.531 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098854.D

Acq: 27 Sep 2017 11:00

Instrument :

BNA_F

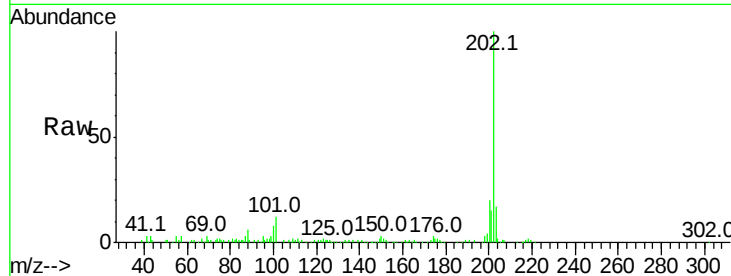
ClientSampleId :

SP-3-E-COMP

Tot Ion:	202	Resp:	94638
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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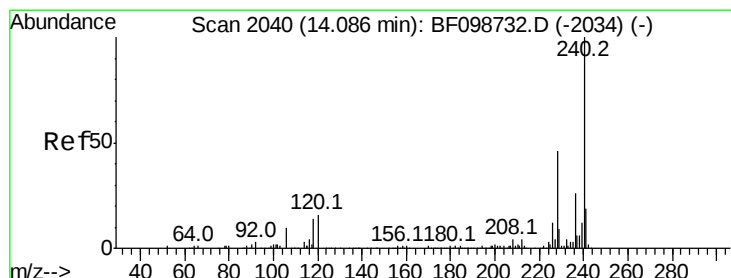
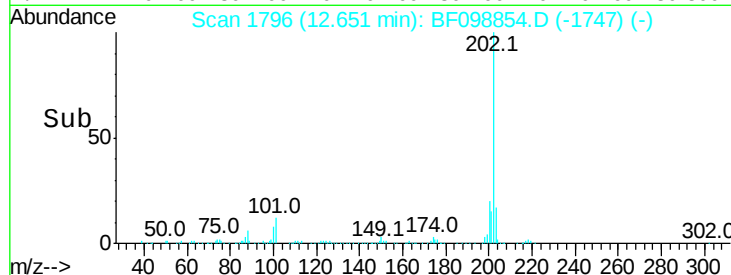
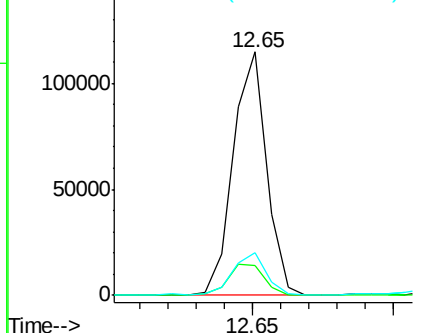
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098854.D

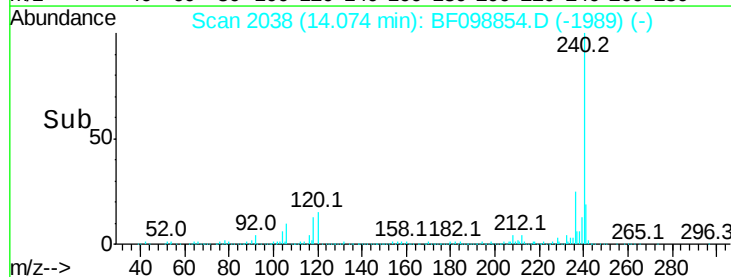
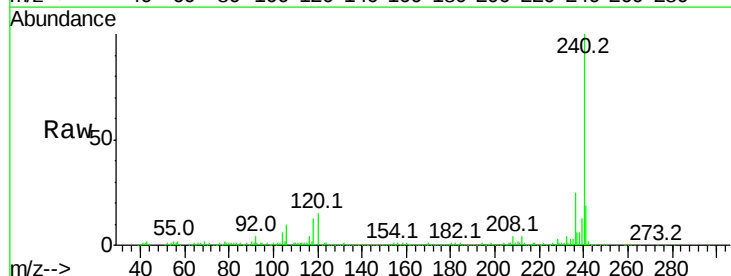
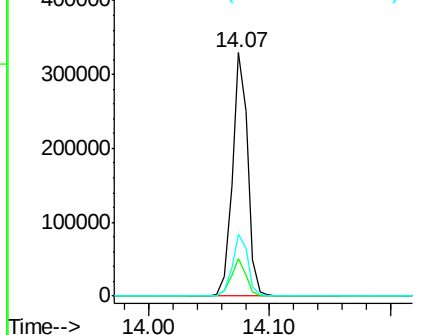
Acq: 27 Sep 2017 11:00

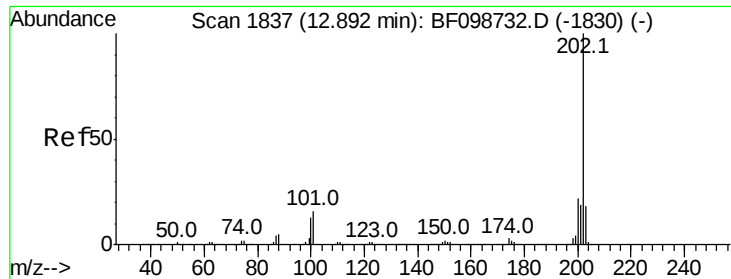
Tgt Ion:	240	Resp:	290019
Ion Ratio	Lower	Upper	
240	100		
120	15.3	9.5	14.3#
236	25.3	20.7	31.1

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





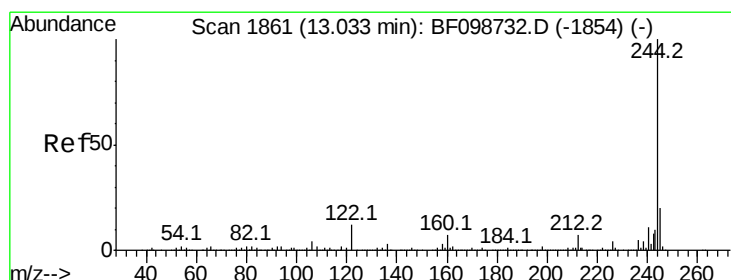
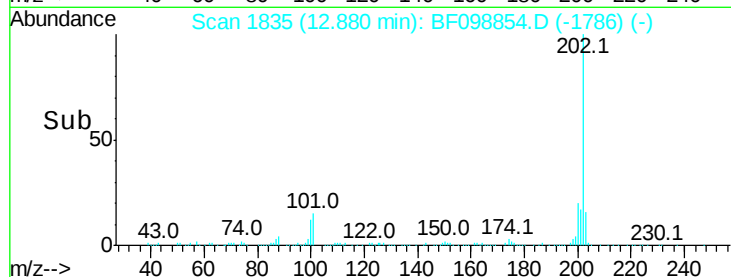
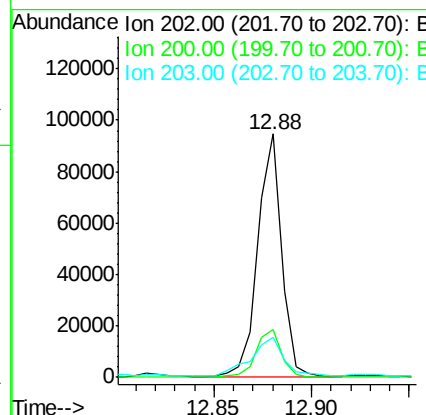
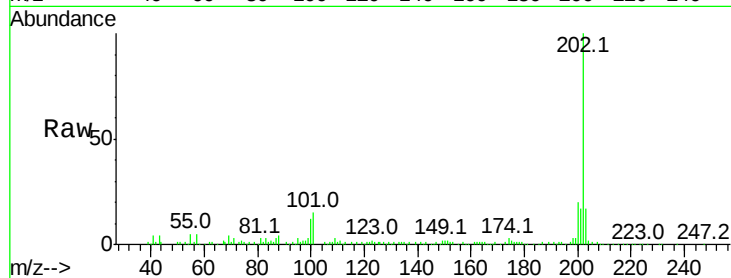
#77
Pvrene
Concen: 3.671 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :
SP-3-E-COMPRE

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.7	14.3	21.5

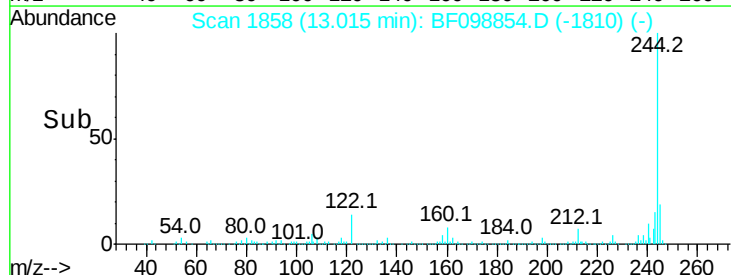
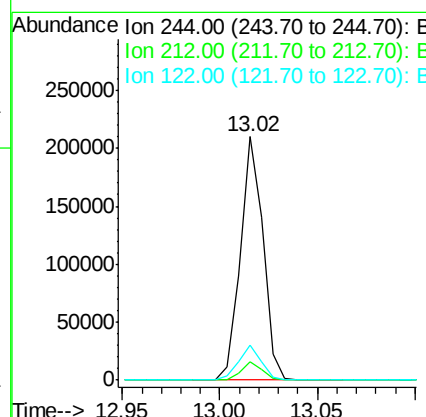
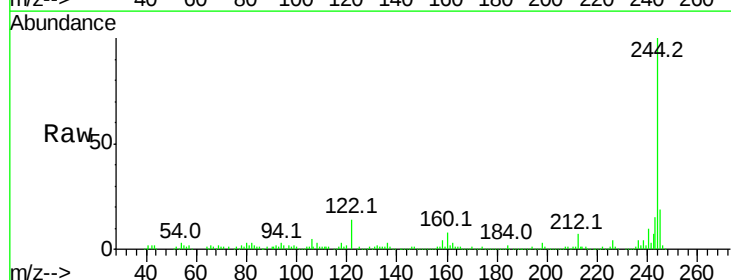
Manual Integrations
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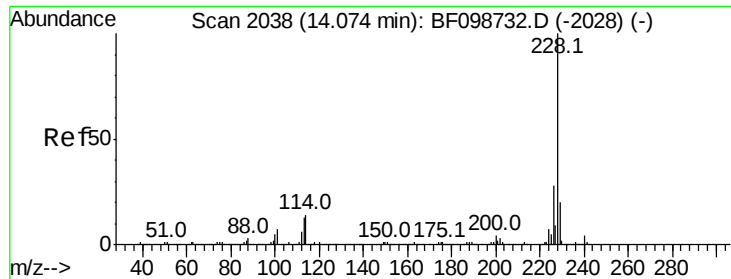
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#78
Terphenyl-d14
Concen: 13.217 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.2	11.0	16.4





#80

Benzo(a)anthracene

Concen: 2.116 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF098854.D

Acq: 27 Sep 2017 11:00

Instrument :

BNA_F

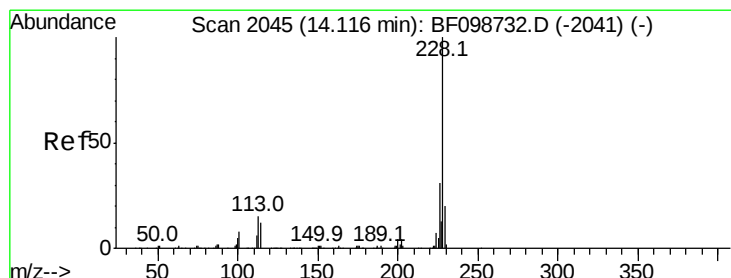
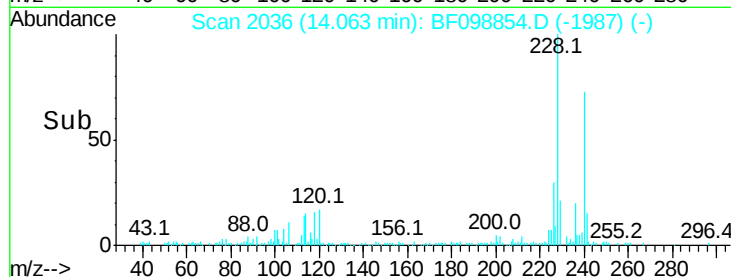
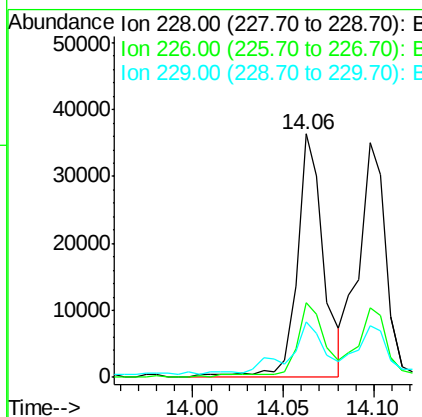
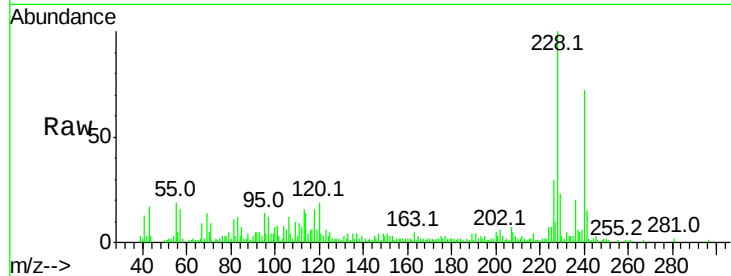
ClientSampleId :

SP-3-E-COMP

Tot Ion:	228	Resp:	37167
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.6	33.8
229	23.0	15.8	23.6

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:07 PM



#82

Chrysene

Concen: 2.218 ng

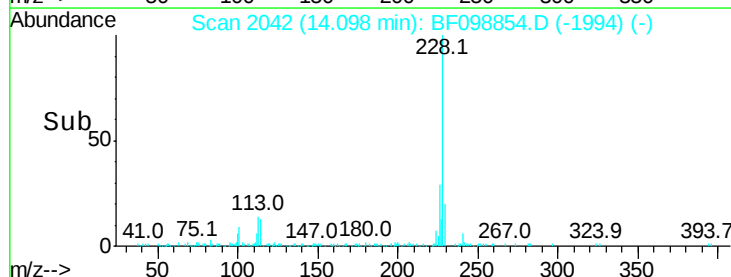
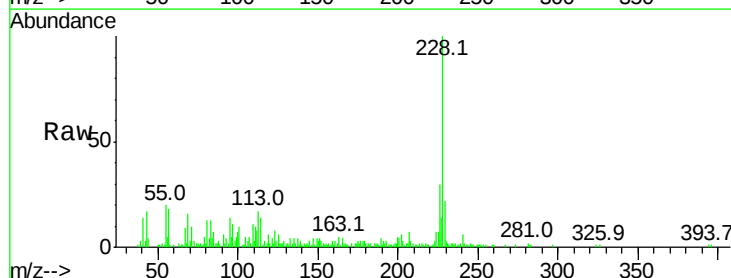
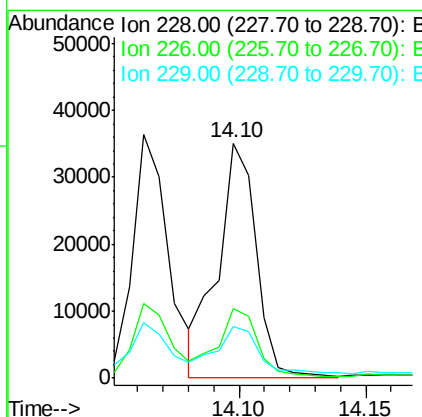
RT: 14.10 min Scan# 2042

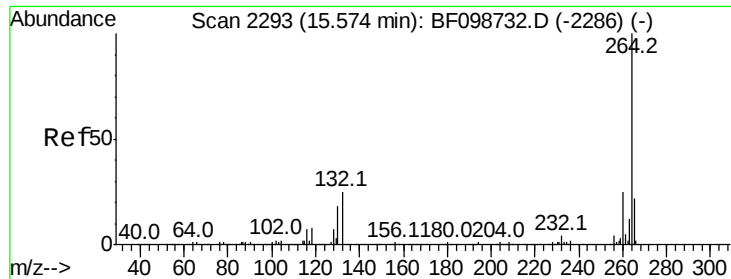
Delta R.T. -0.02 min

Lab File: BF098854.D

Acq: 27 Sep 2017 11:00

Tgt Ion:	228	Resp:	37088
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	22.2	16.2	24.4





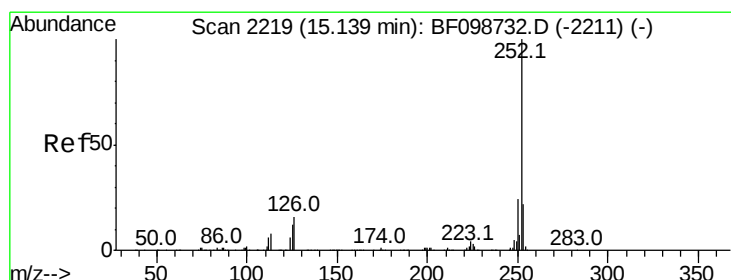
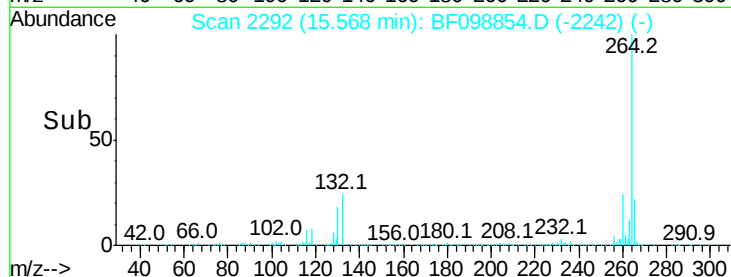
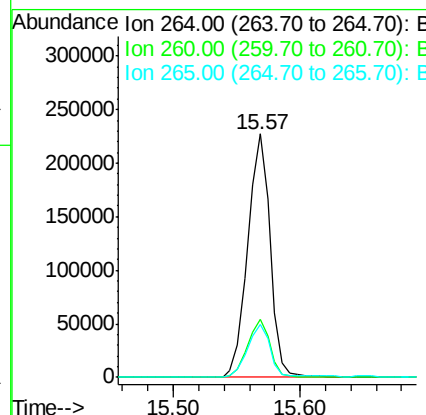
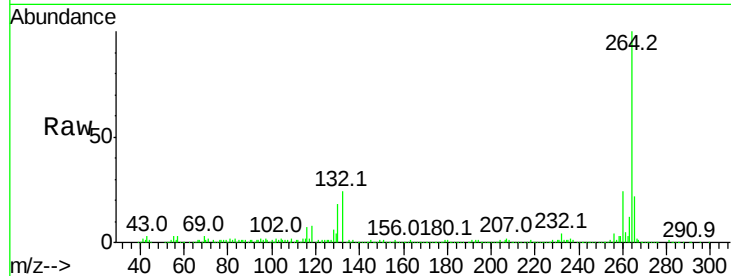
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :
SP-3-E-COMPRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:07 PM



#87
Benzo(b)fluoranthene
Concen: 2.989 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	17.5	9.0	13.6

