

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098588.D
 Acq On : 16 Sep 2017 00:18
 Operator : SJ/JU
 Sample : I5123-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-06

Manual Integrations
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Quant Time: Sep 16 04:11:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	124765	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	522936	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	244084	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	407875	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	260673	20.00	ng	-0.02
86) Perylene-d12	15.20	264	234081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	839519	99.49	ng	-0.02
7) Phenol-d6	6.30	99	1043247	97.37	ng	-0.02
23) Nitrobenzene-d5	7.22	82	629878	67.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	192430	118.12	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1216559	84.48	ng	-0.03
78) Terphenyl-d14	12.75	244	803105	66.50	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	39222	3.152	ng	92
49) Dimethylphthalate	9.40	163	138374	7.324	ng	97
70) Phenanthrene	11.19	178	64937	3.003	ng	98
74) Fluoranthene	12.37	202	51531	2.381	ng	95
77) Pyrene	12.60	202	63329	3.080	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	68224	6.094	ng	96

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

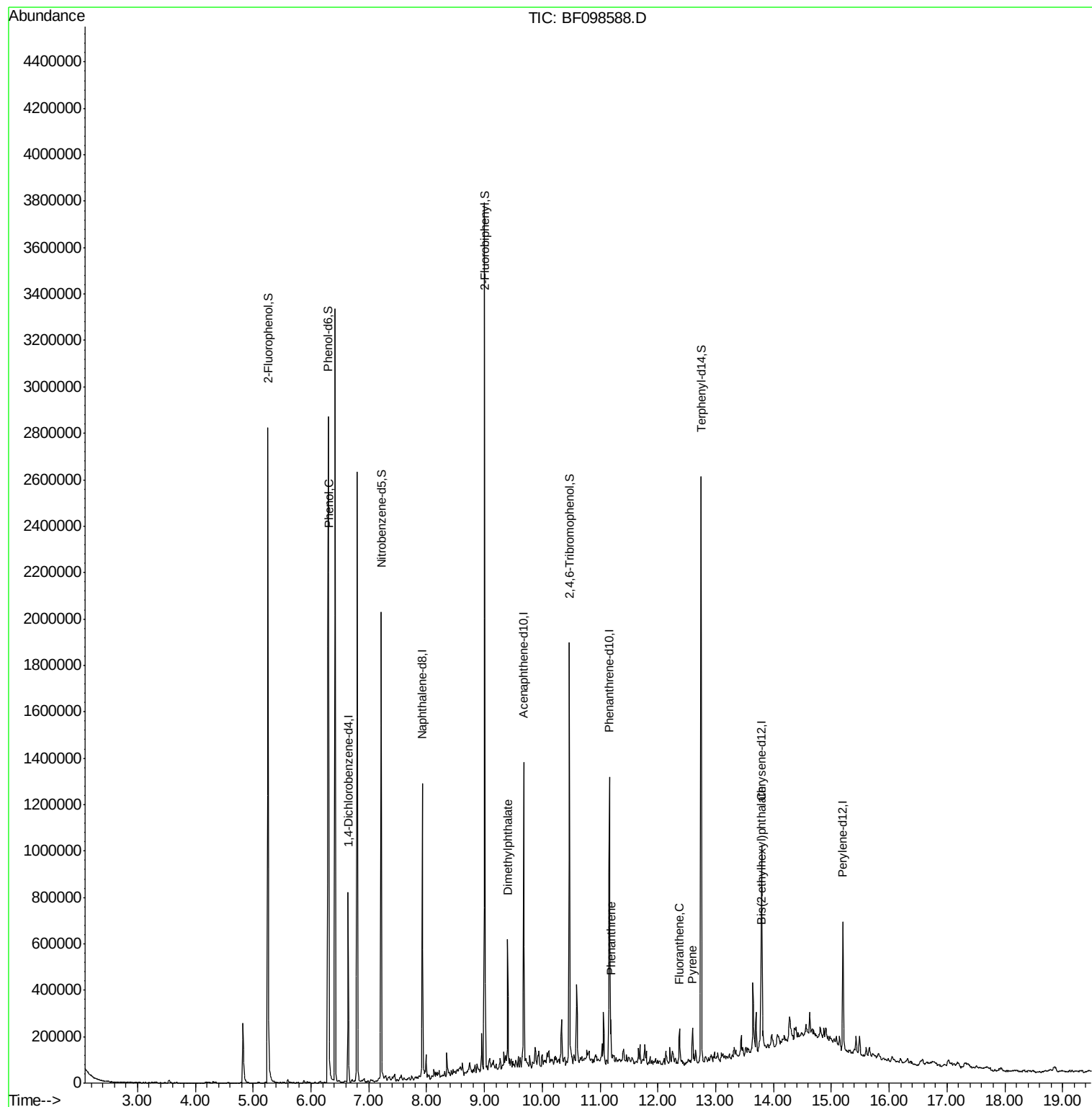
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098588.D
Acq On : 16 Sep 2017 00:18
Operator : SJ/JU
Sample : I5123-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

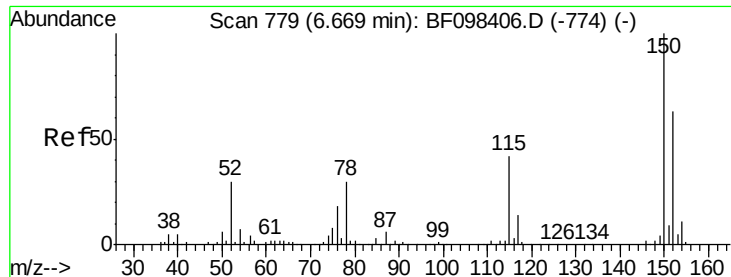
Instrument :
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Quant Time: Sep 16 04:11:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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#1

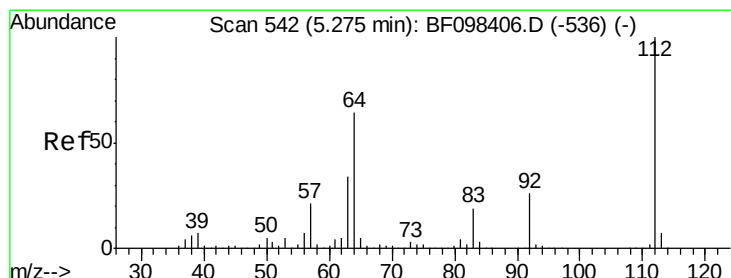
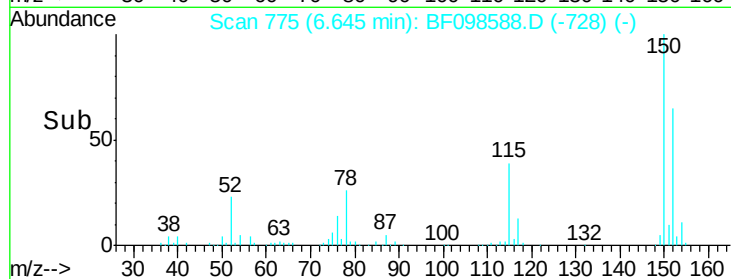
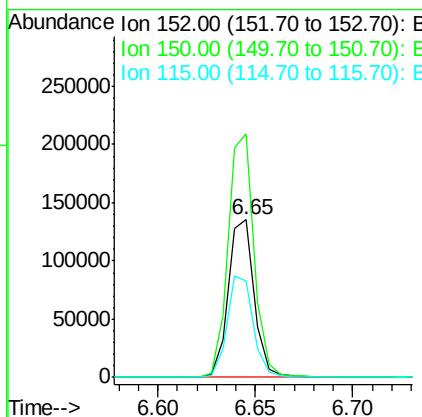
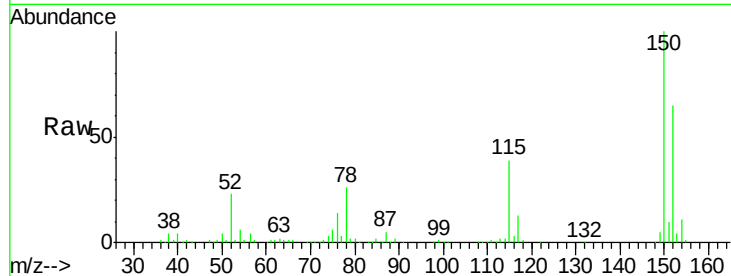
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Instrument :
BNA_F
ClientSampled :
EP-06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	124765		
150	154.9	126.2	189.2	
115	61.0	52.2	78.2	

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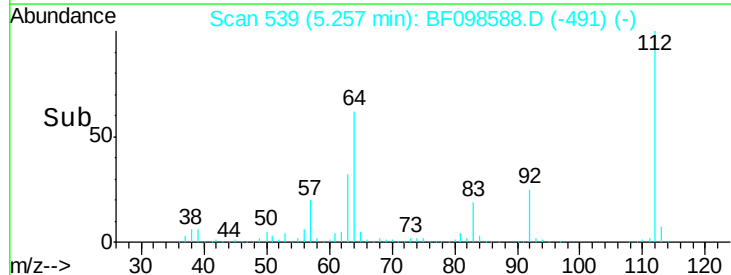
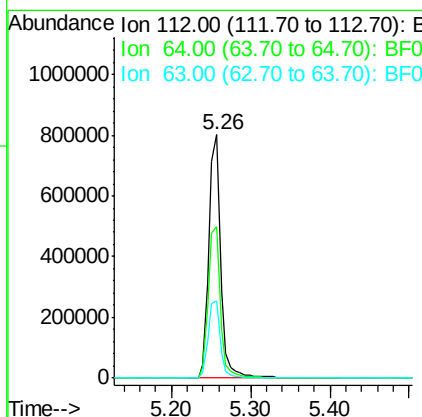
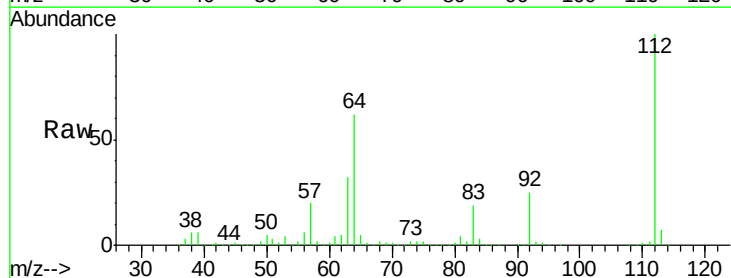
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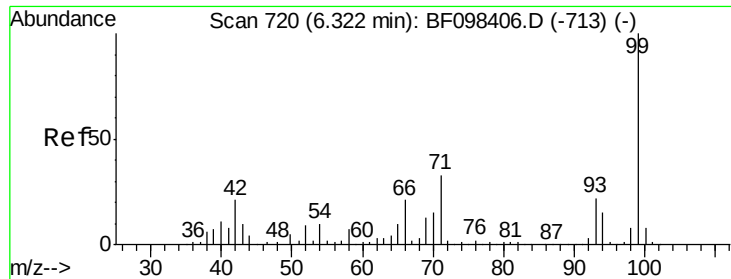


#5

2-Fluorophenol
Concen: 99.487 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	839519		
64	62.1	46.0	69.0	
63	31.9	23.4	35.0	





#7

Phenol-d6

Concen: 97.372 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098588.D

Acq: 16 Sep 2017 00:18

Instrument :

BNA_F

ClientSampled :

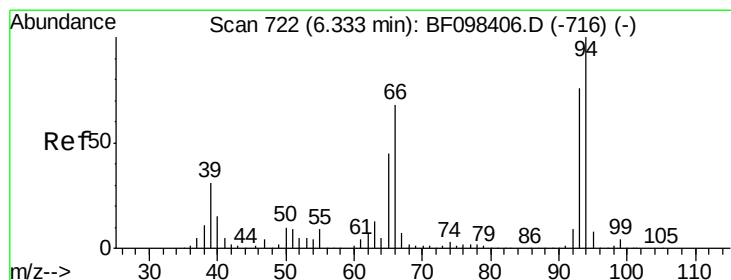
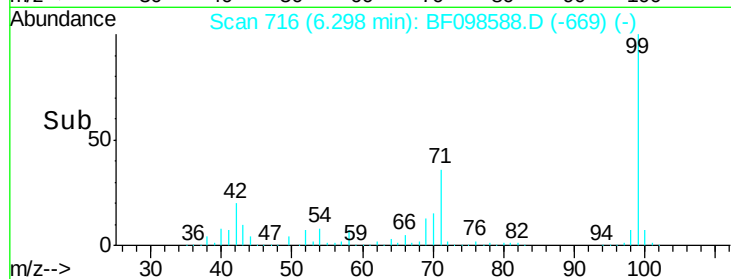
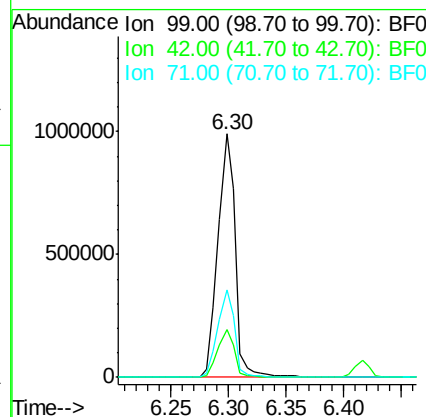
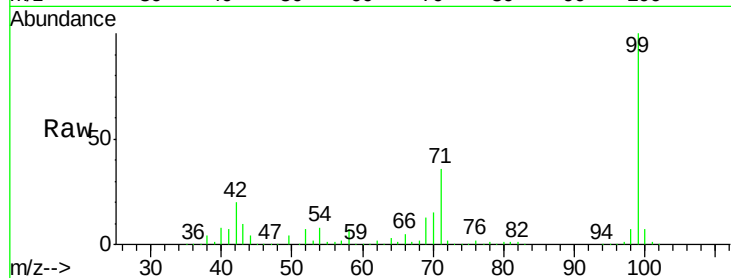
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Tgt Ion: 99 Resp: 1043247

Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.5	20.3
71	36.1	24.5	36.7

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#10

Phenol

Concen: 3.152 ng

RT: 6.31 min Scan# 718

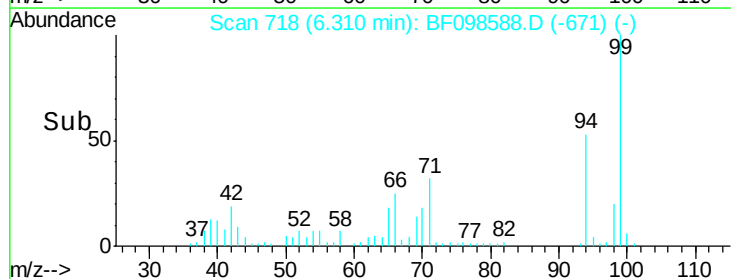
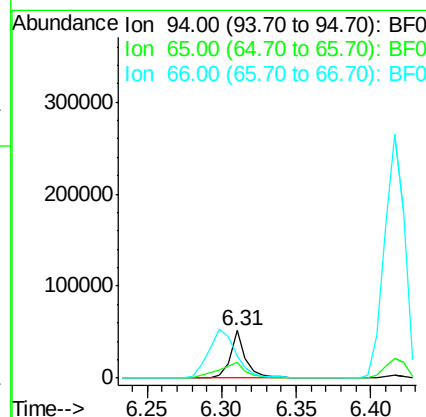
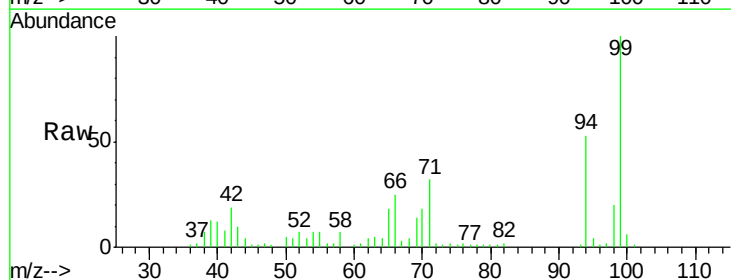
Delta R.T. -0.02 min

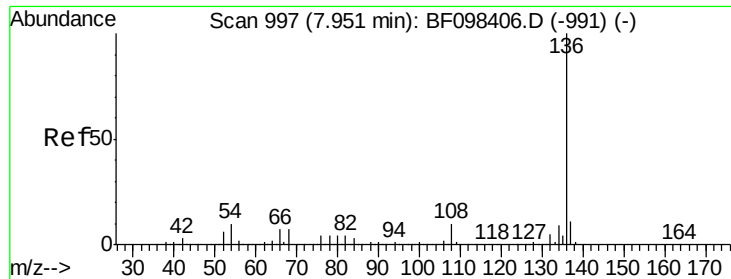
Lab File: BF098588.D

Acq: 16 Sep 2017 00:18

Tgt Ion: 94 Resp: 39222

Ion	Ratio	Lower	Upper
94	100		
65	34.3	9.9	49.9
66	47.8	23.1	63.1





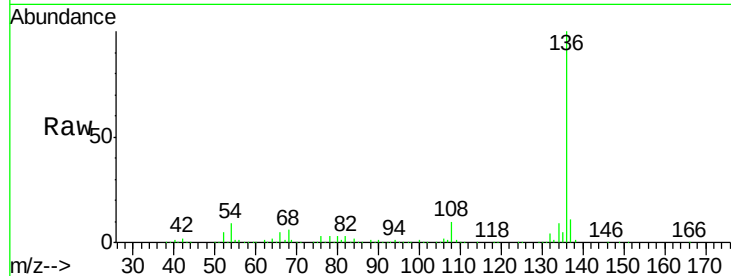
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Instrument :
BNA_F
ClientSampled :
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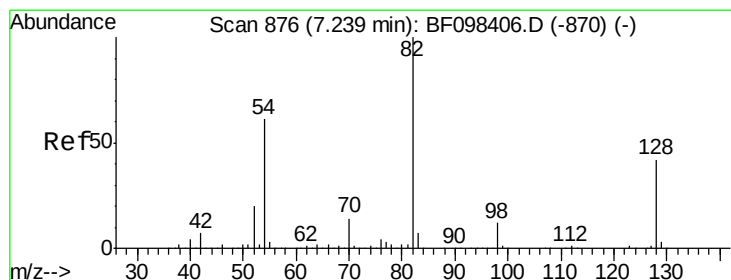
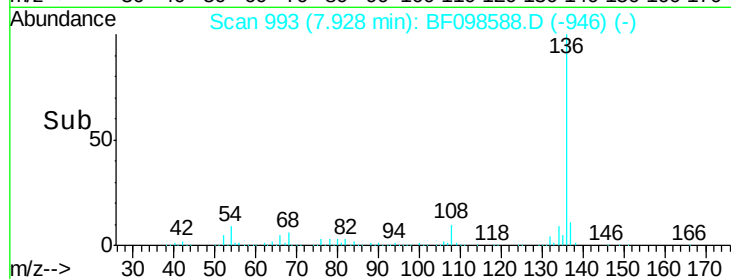
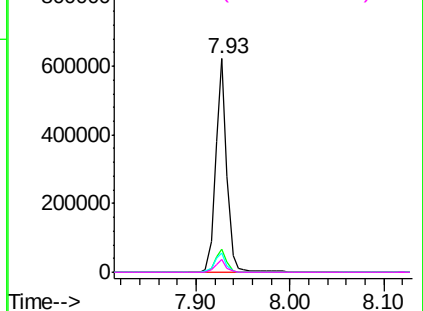
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.8	4.9	7.3
68	5.8	4.1	6.1

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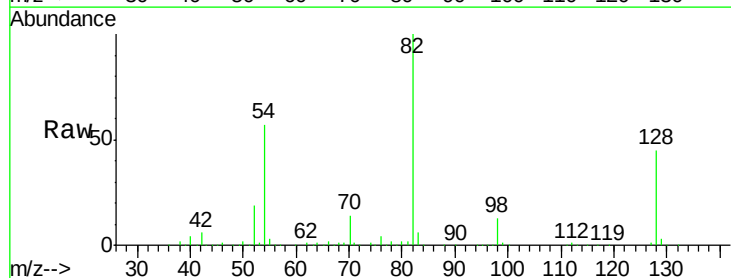


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

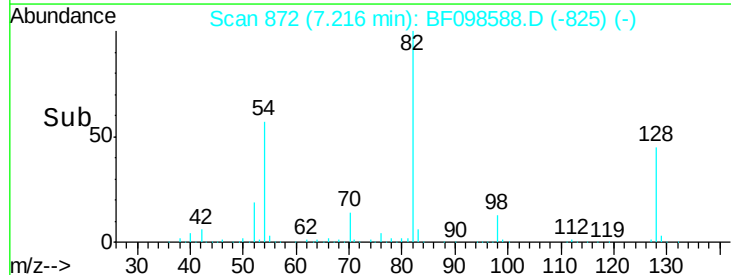
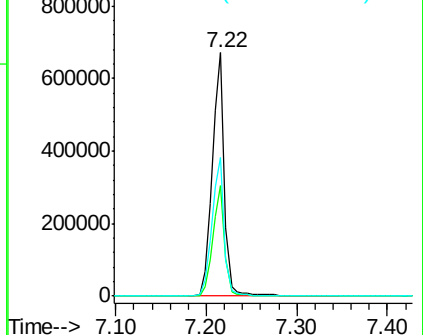


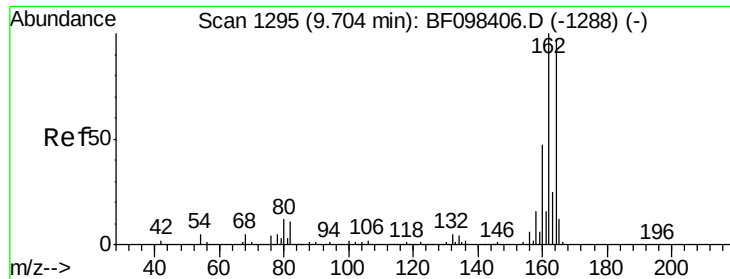
#23
Nitrobenzene-d5
Concen: 67.151 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.5	34.0	51.0
54	57.0	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





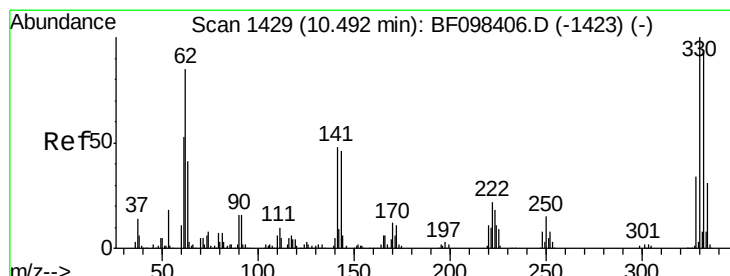
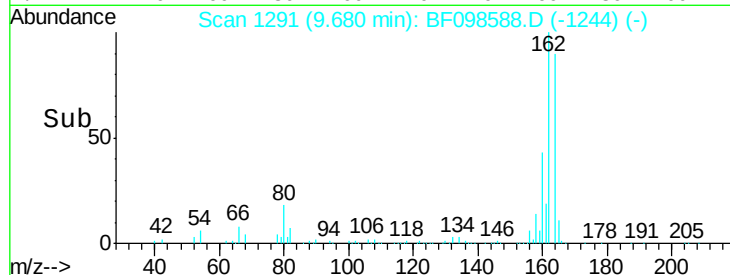
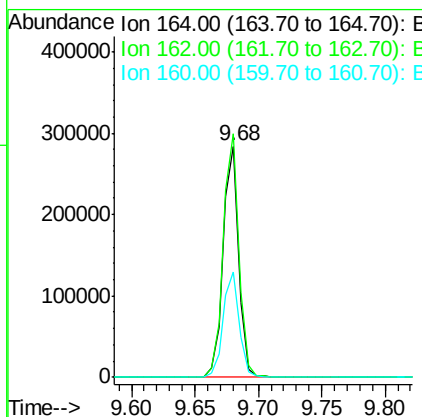
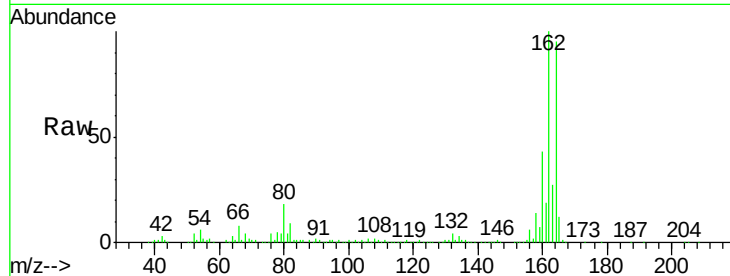
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Instrument :
BNA_F
ClientSampled :
EP-06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244084		
162	105.4	82.6	123.8	
160	45.6	36.2	54.2	

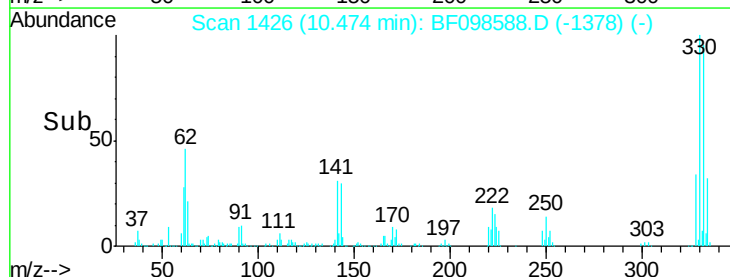
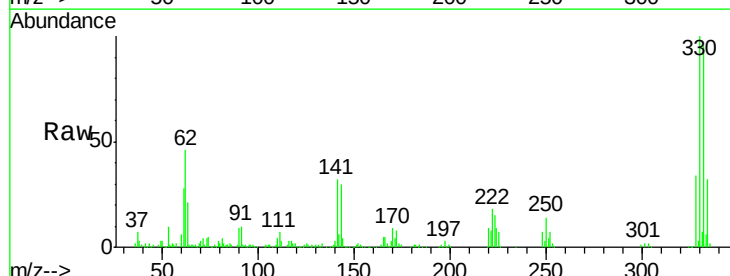
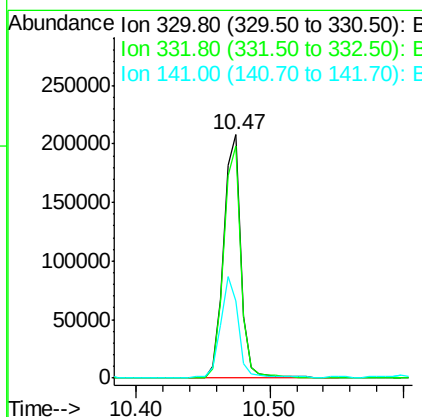
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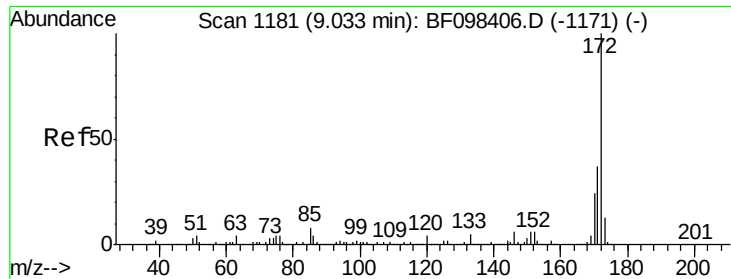
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#41
2,4,6-Tribromophenol
Concen: 118.123 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	192430		
332	95.1	76.6	115.0	
141	42.0	31.4	47.2	





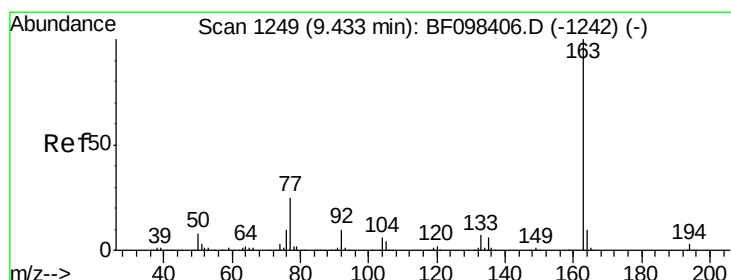
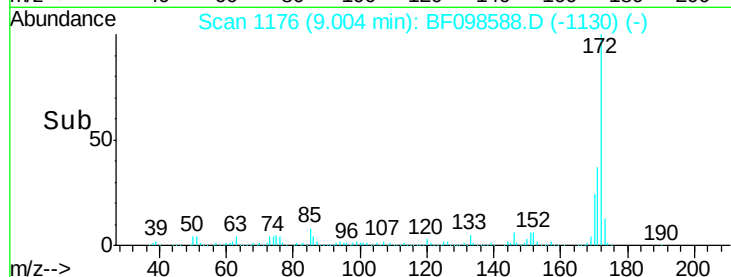
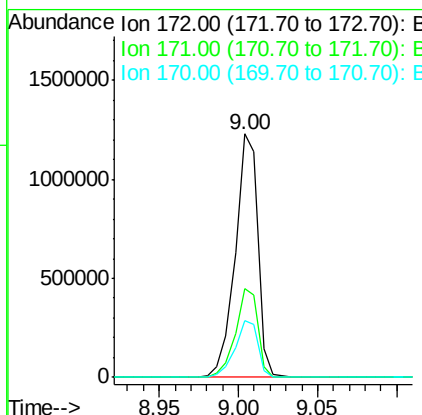
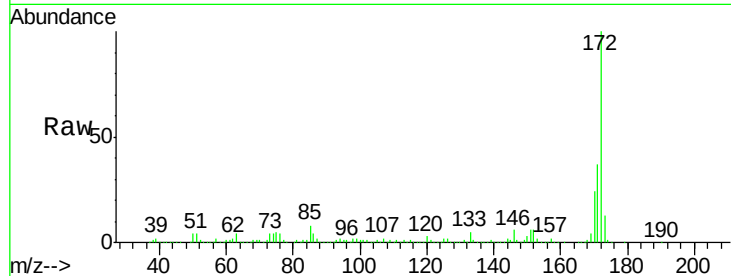
#44
2-Fluorobiphenyl
Concen: 84.478 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Instrument :
BNA_F
ClientSampleId :
EP-06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.5	19.8	29.8

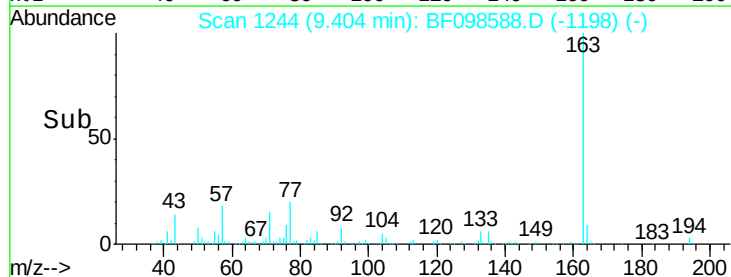
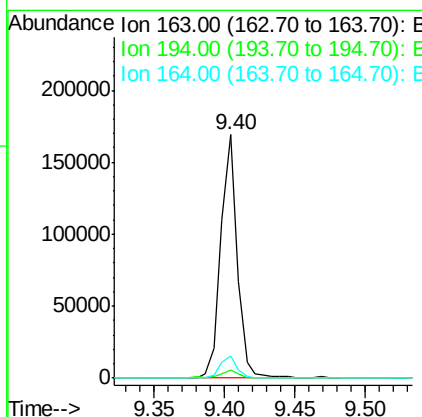
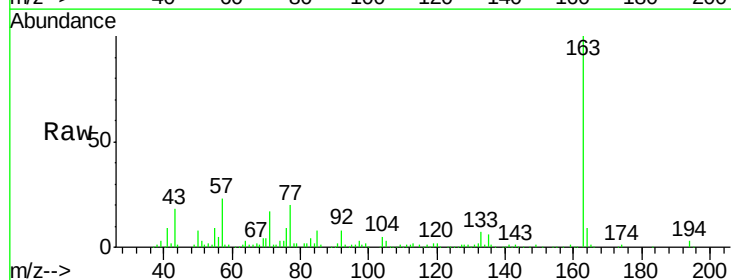
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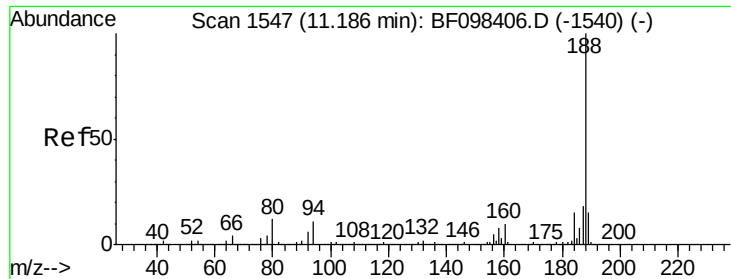
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#49
Dimethylphthalate
Concen: 7.324 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.1	8.4	12.6





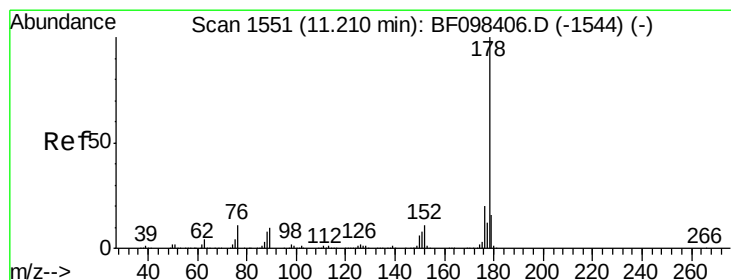
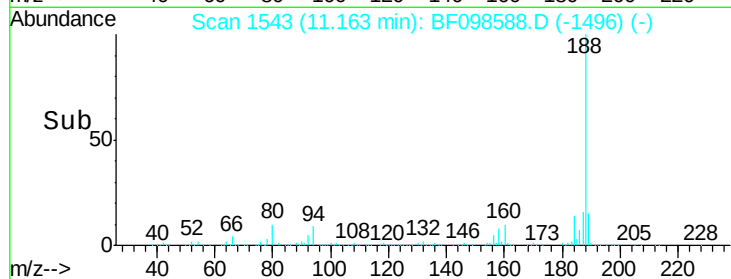
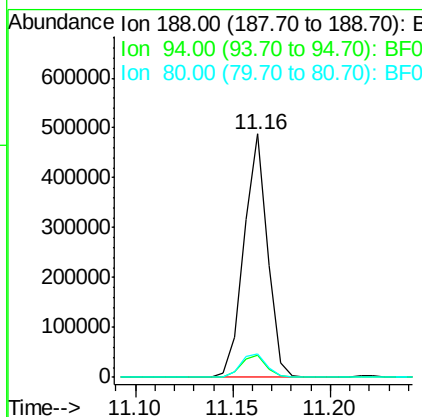
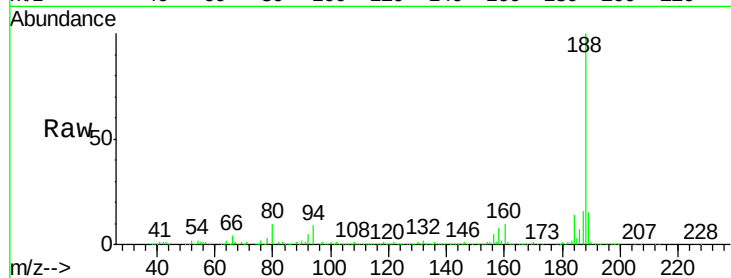
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	9.4	14.2#
80	9.6	10.2	15.2#

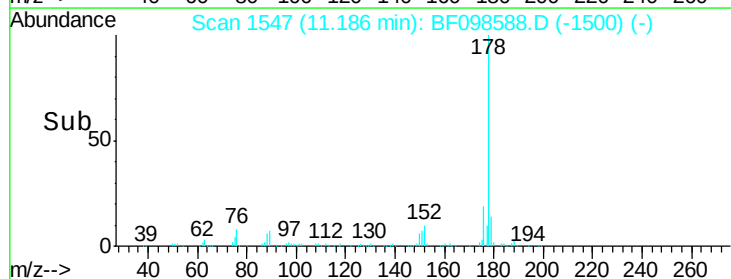
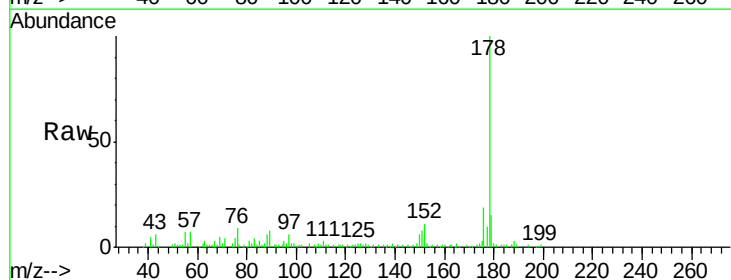
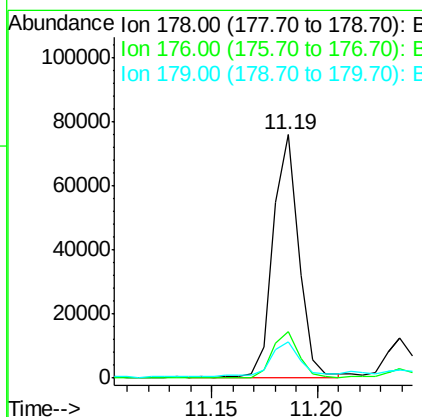
Manual Integrations
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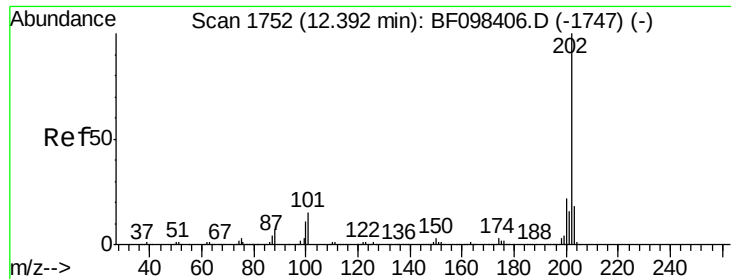
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#70
Phenanthrene
Concen: 3.003 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	16.2	24.4
179	14.7	12.6	19.0





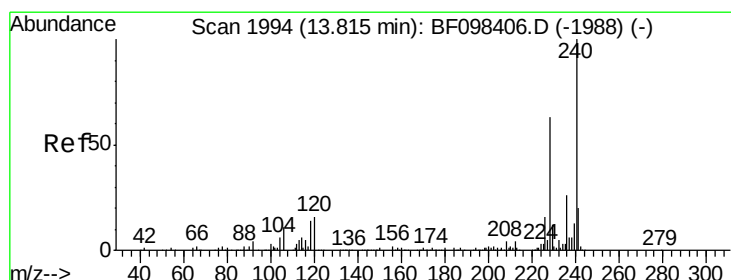
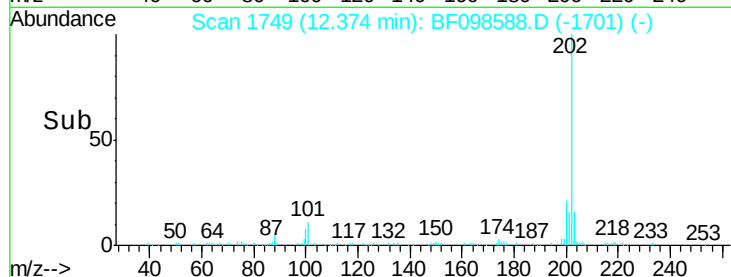
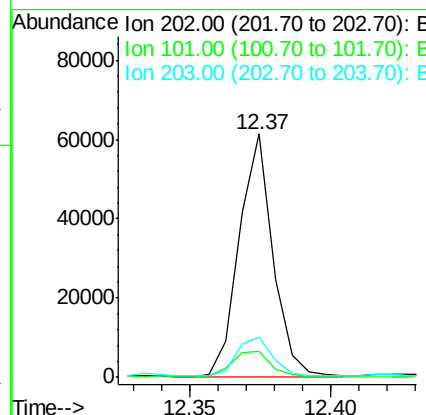
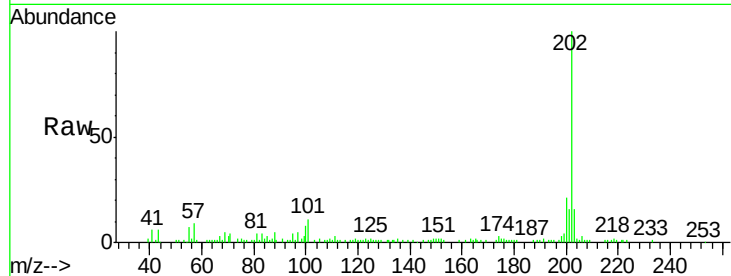
#74
Fluoranthene
Concen: 2.381 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Instrument :
BNA_F
ClientSampleId :
EP-06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	0.0	33.2
203	16.4	0.0	38.1

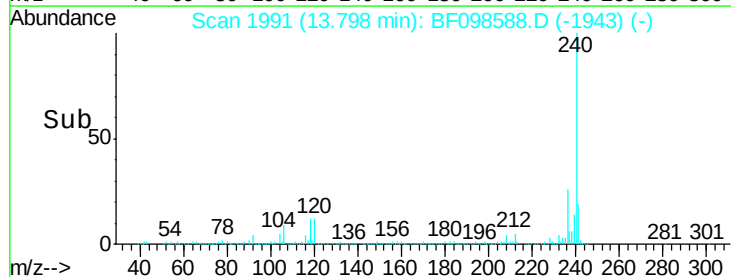
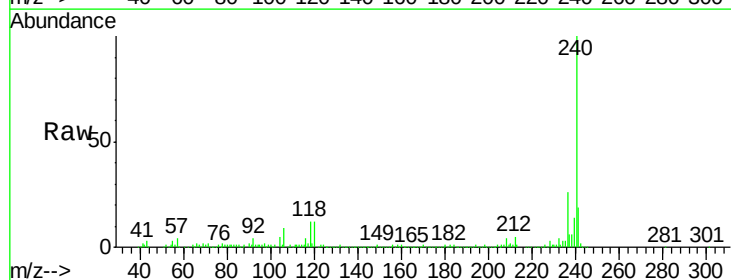
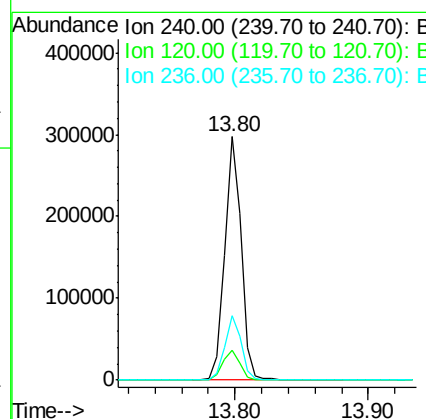
Manual Integrations
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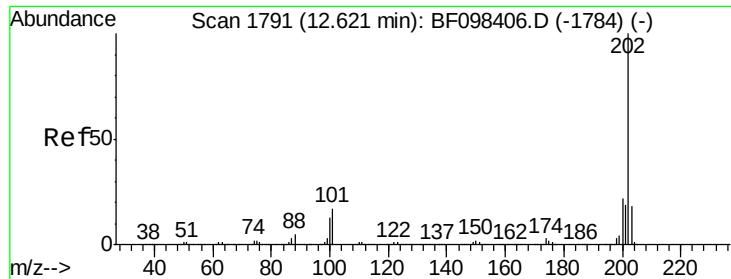
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098588.D
Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.1	5.8	8.8#
236	26.5	20.5	30.7





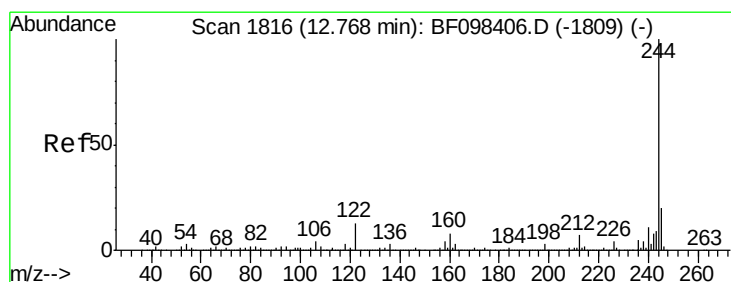
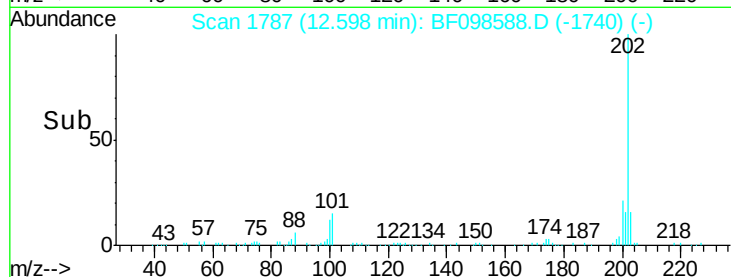
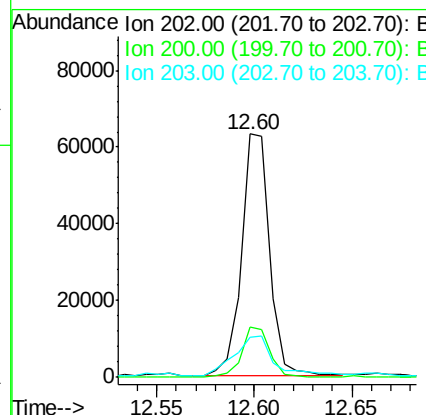
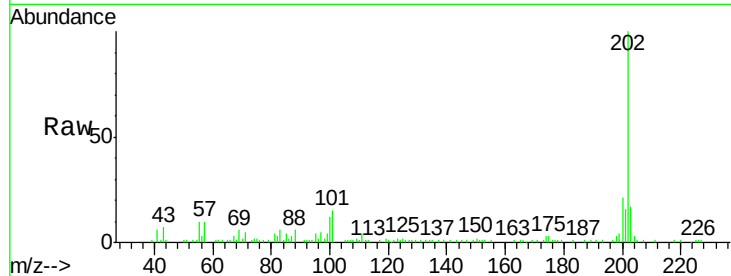
#77
 Pyrene
 Concen: 3.080 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BF098588.D
 Acq: 16 Sep 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	16.7	14.4	21.6

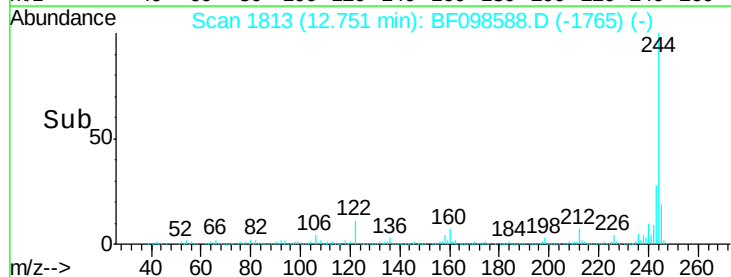
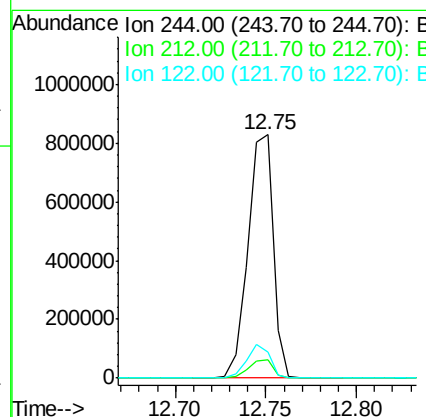
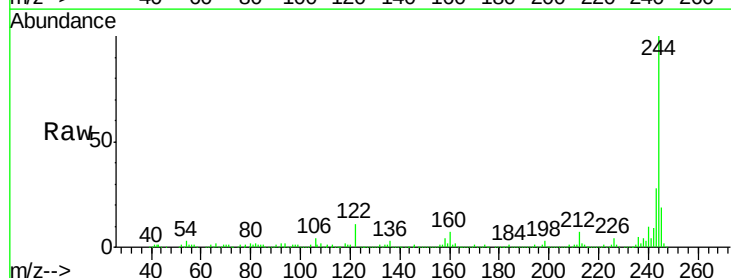
Manual Integrations
 APPROVED

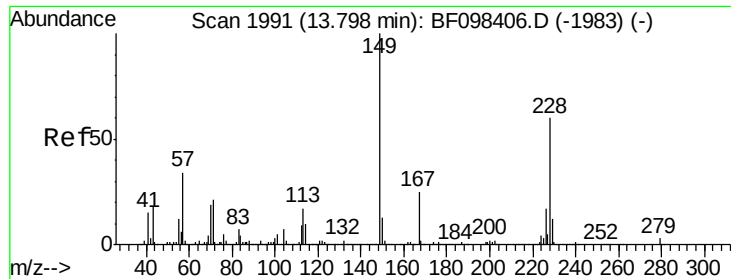
Sohil
 9/18/2017 3:33:57 PM



#78
 Terphenyl-d14
 Concen: 66.500 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098588.D
 Acq: 16 Sep 2017 00:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.8	10.3	15.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.094 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF098588.D

Acq: 16 Sep 2017 00:18

Instrument :

BNA_F

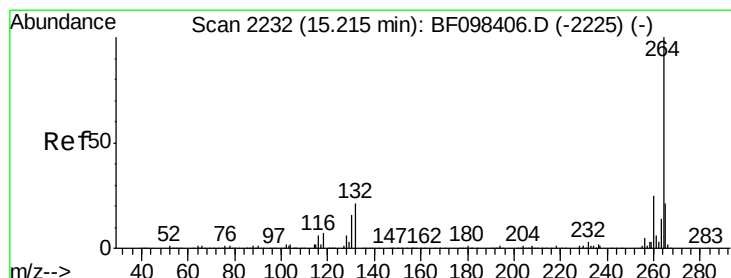
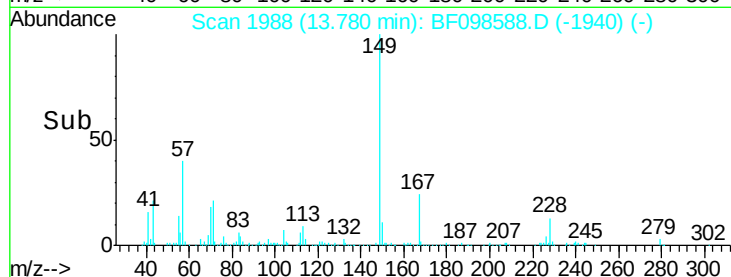
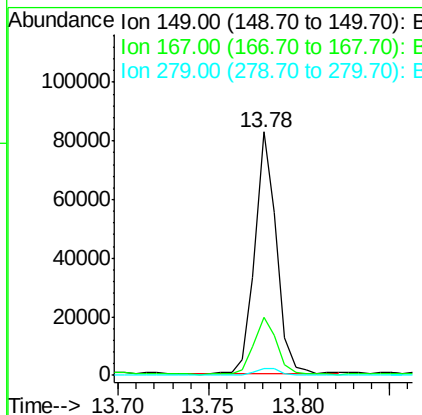
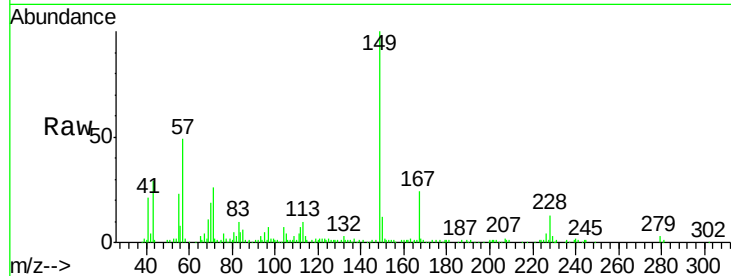
ClientSampled :

EP-06

Tgt Ion:	149	Resp:	68224
Ion Ratio	Lower	Upper	
149	100		
167	24.1	21.0	31.4
279	2.6	1.9	2.9

Manual Integrations
APPROVED

Sohil
9/18/2017 3:33:57 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098588.D

Acq: 16 Sep 2017 00:18

Tgt Ion:	264	Resp:	234081
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.7	17.2	25.8

