

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098586.D
 Acq On : 15 Sep 2017 23:22
 Operator : SJ/JU
 Sample : I5120-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-16(0-10)COMP

Manual Integrations
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Quant Time: Sep 16 04:01:18 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	6.64	152	148695	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	624567	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	263140	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	509172	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	310654	20.00	ng	-0.02
86) Perylene-d12	15.20	264	306537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1086298	108.01	ng	-0.01
7) Phenol-d6	6.30	99	1335605	104.60	ng	-0.02
23) Nitrobenzene-d5	7.22	82	764094	68.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	246795	140.52	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1404638	90.47	ng	-0.03
78) Terphenyl-d14	12.75	244	1011374	70.27	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	54428	3.670	ng	79
49) Dimethylphthalate	9.40	163	160623	7.886	ng	97
74) Fluoranthene	12.37	202	76977	2.849	ng	98
77) Pyrene	12.60	202	69290	2.827	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	33779	2.532	ng	98
87) Benzo(b)fluoranthene	14.81	252	40648m	2.109	ng	

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

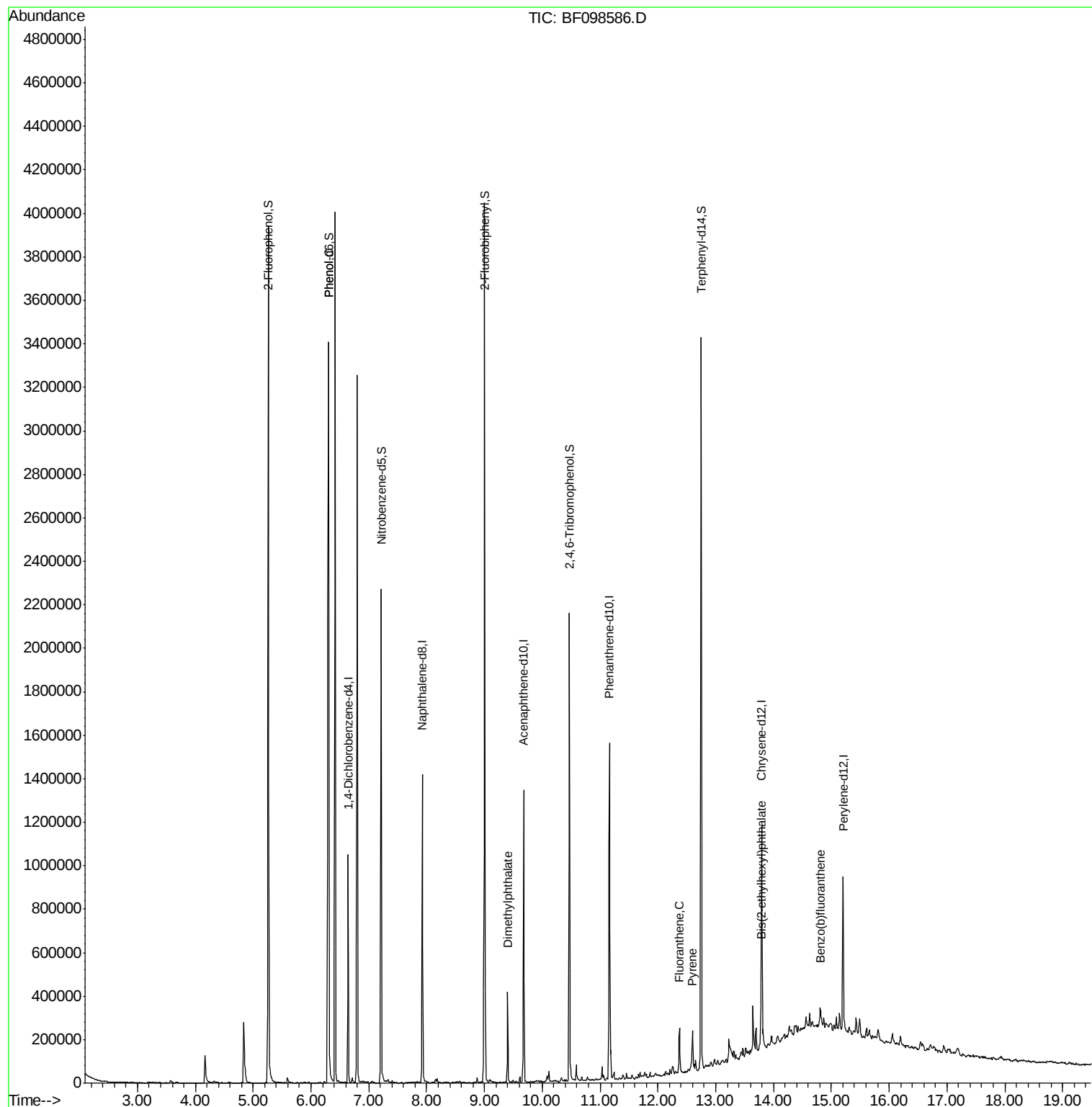
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098586.D
Acq On : 15 Sep 2017 23:22
Operator : SJ/JU
Sample : I5120-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

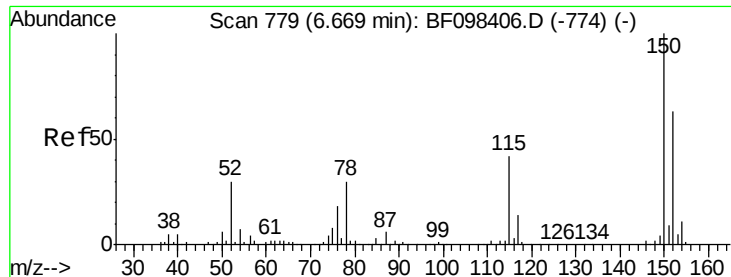
Instrument :
BNA_F
ClientSampleId :
B-16(0-10)COMP

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Quant Time: Sep 16 04:01:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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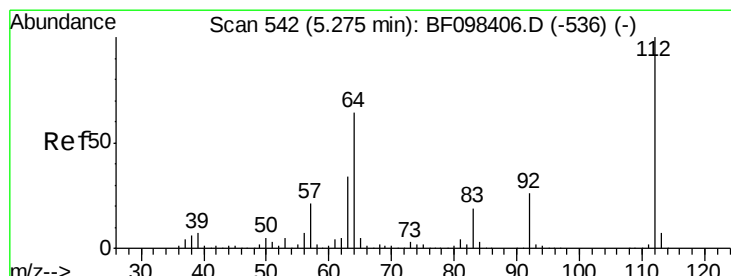
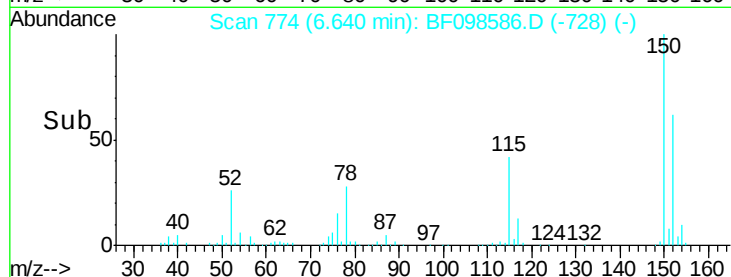
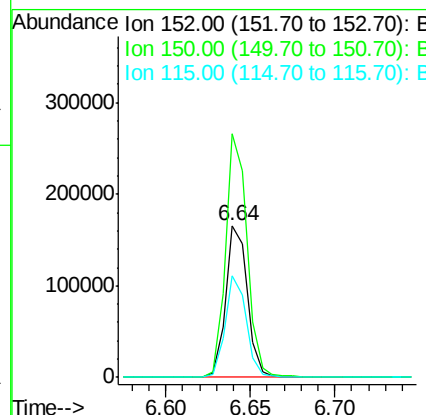
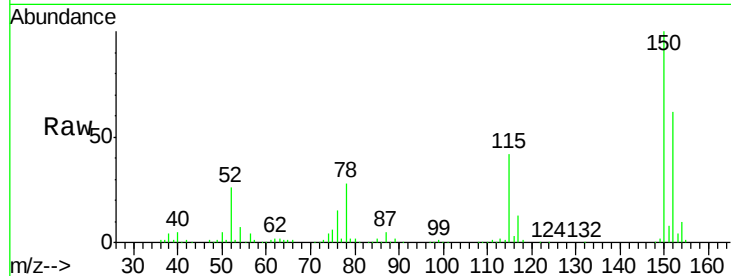
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF098586.D
 Acq: 15 Sep 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 B-16(0-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	148695		
150	160.3	126.2	189.2	
115	67.2	52.2	78.2	

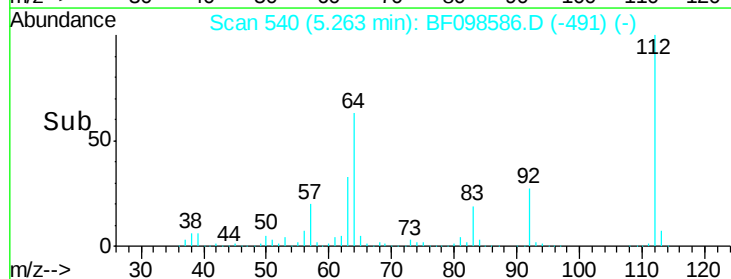
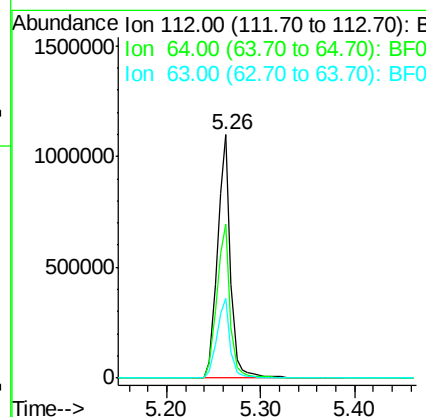
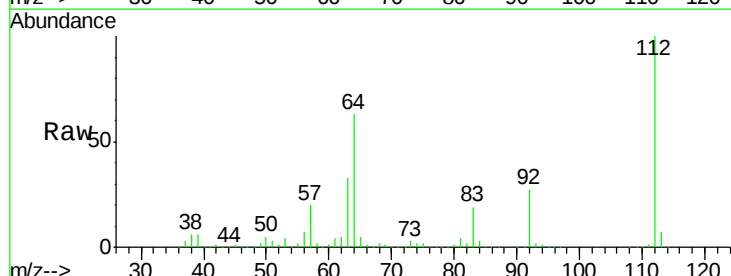
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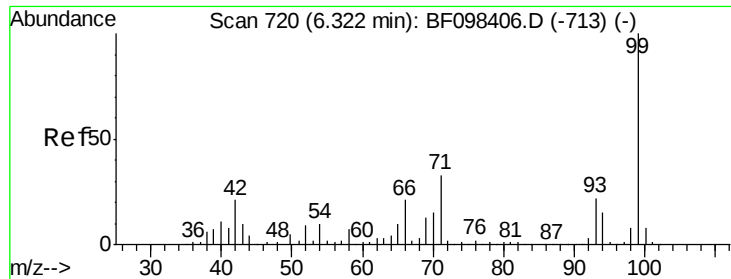
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#5
 2-Fluorophenol
 Concen: 108.014 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098586.D
 Acq: 15 Sep 2017 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1086298		
64	63.5	46.0	69.0	
63	33.0	23.4	35.0	





#7

Phenol-d6

Concen: 104.597 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

Instrument :

BNA_F

ClientSampleId :

B-16(0-10)COMP

Tgt Ion: 99 Resp: 1335605

Ion Ratio Lower Upper

99 100

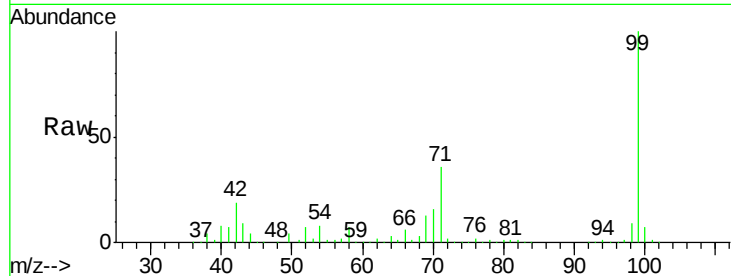
42 18.5 13.5 20.3

71 35.9 24.5 36.7

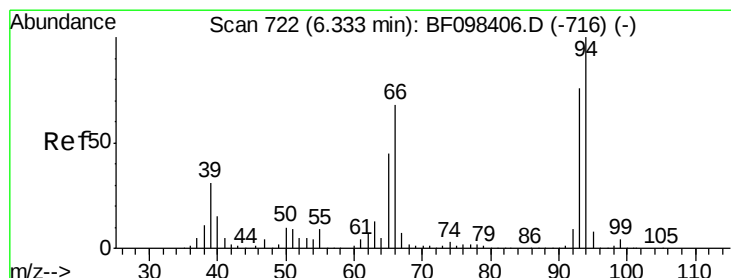
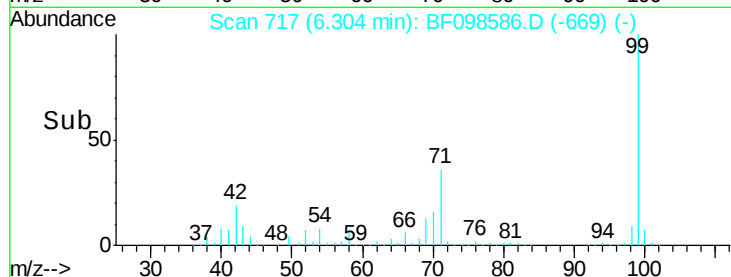
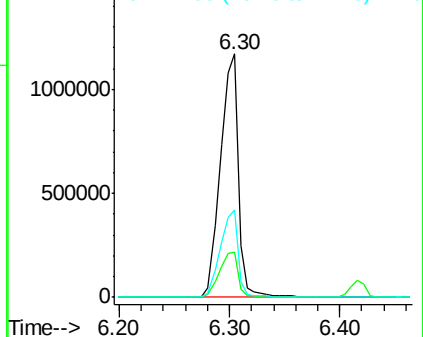
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.670 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

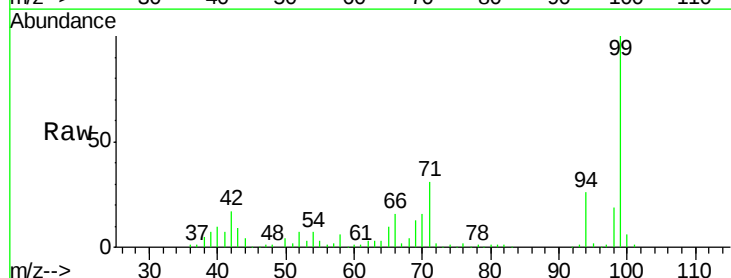
Tgt Ion: 94 Resp: 54428

Ion Ratio Lower Upper

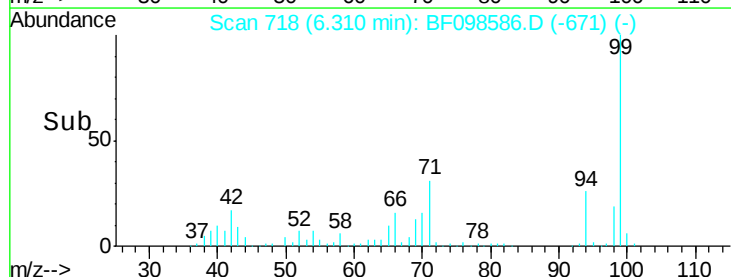
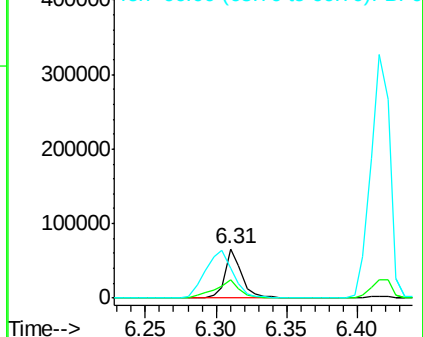
94 100

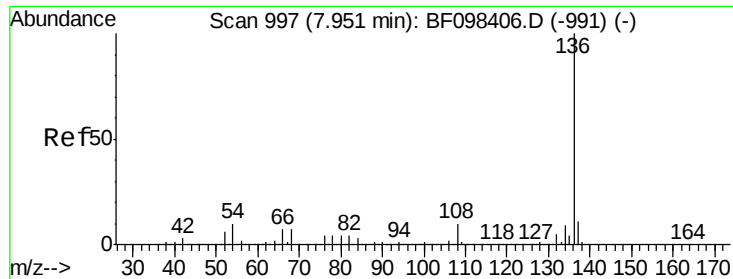
65 36.3 9.9 49.9

66 60.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





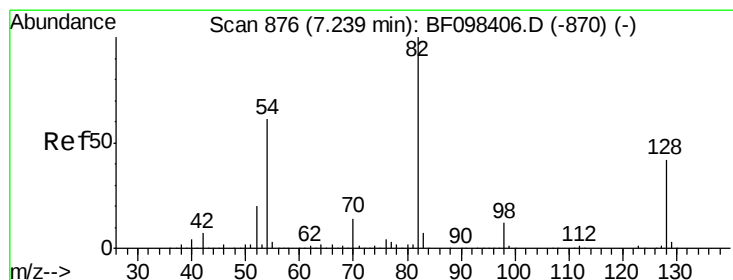
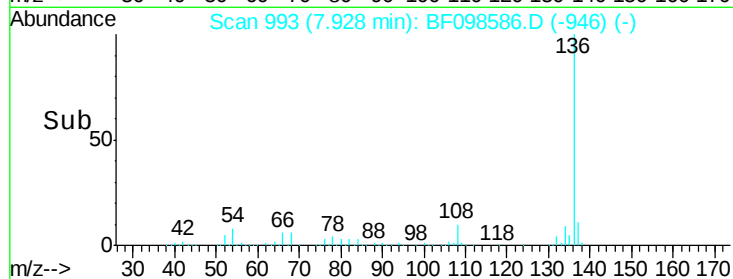
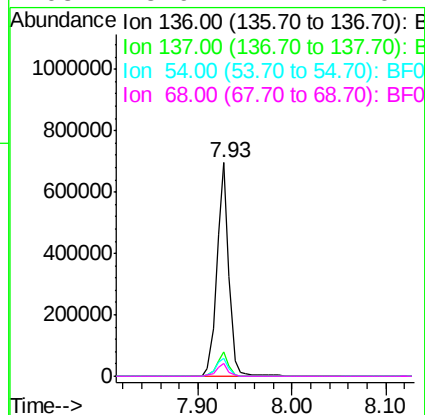
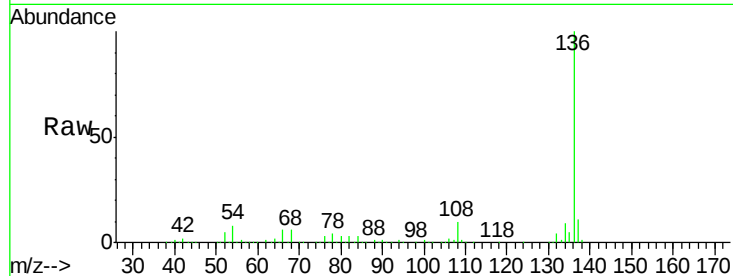
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Instrument :
BNA_F
ClientSampleId :
B-16(0-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	624567		
137	11.1	8.5	12.7	
54	8.5	4.9	7.3#	
68	5.9	4.1	6.1	

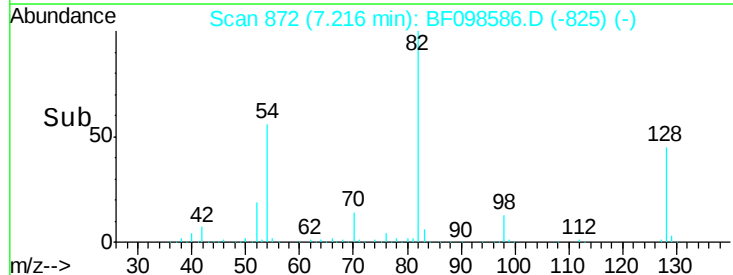
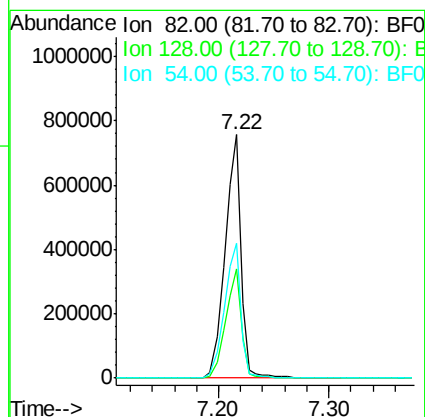
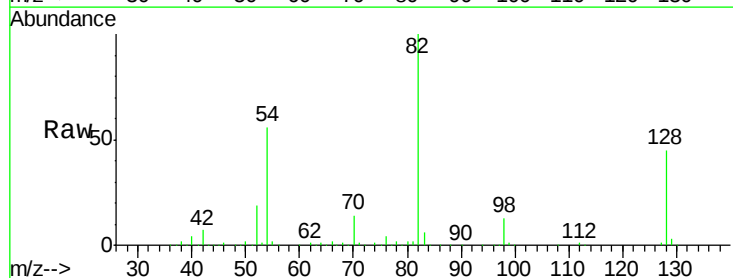
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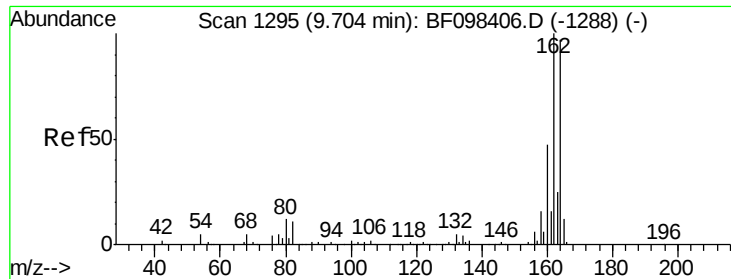
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#23
Nitrobenzene-d5
Concen: 68.204 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	764094		
128	44.9	34.0	51.0	
54	55.6	42.2	63.2	





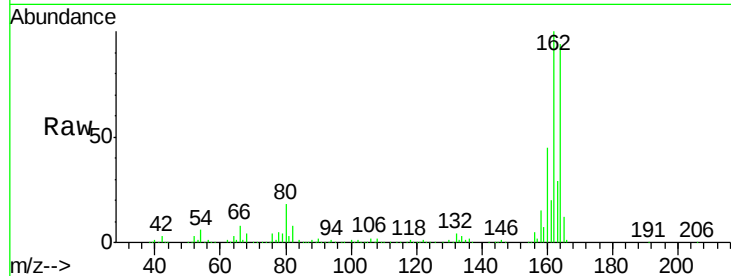
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Instrument :
BNA_F
ClientSampleId :
B-16(0-10)COMP

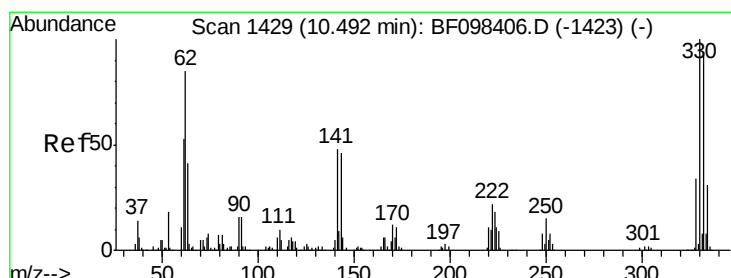
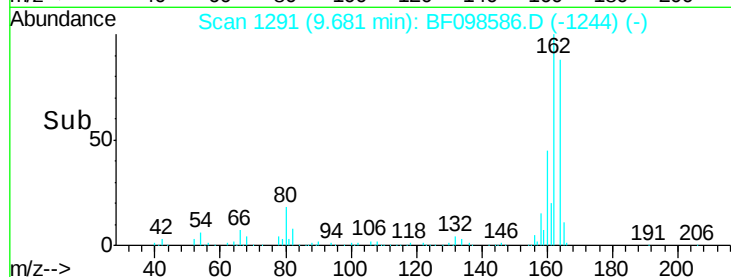
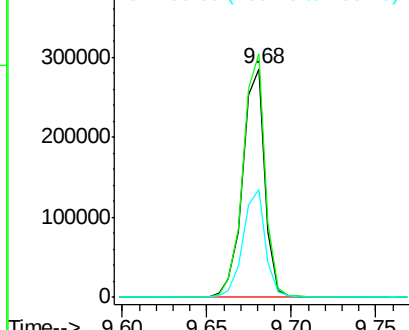
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	263140		
162	106.7	82.6	123.8	
160	47.6	36.2	54.2	

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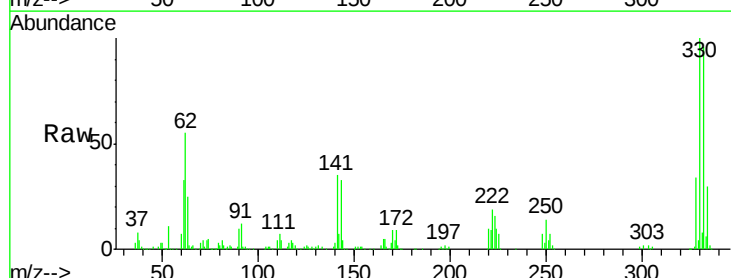


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

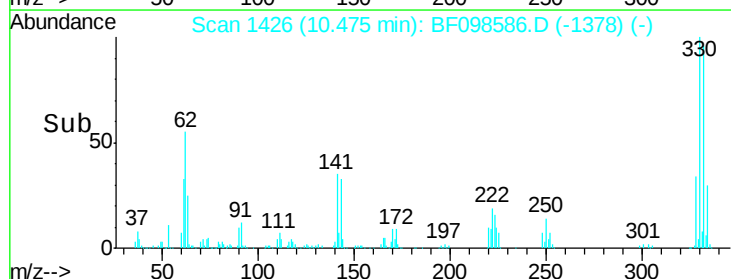
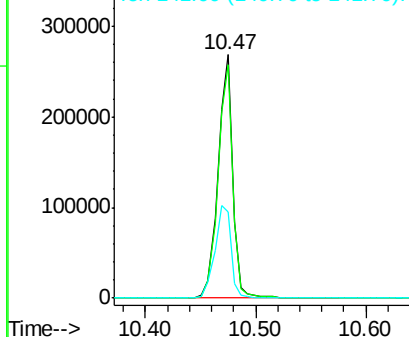


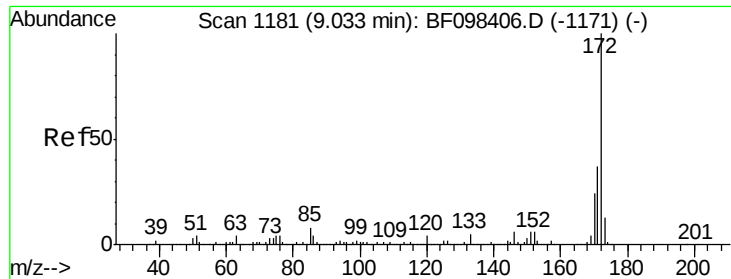
#41
2,4,6-Tribromophenol
Concen: 140.524 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	246795		
332	97.4	76.6	115.0	
141	42.2	31.4	47.2	



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





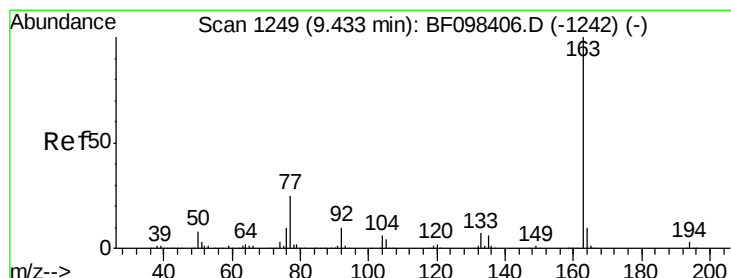
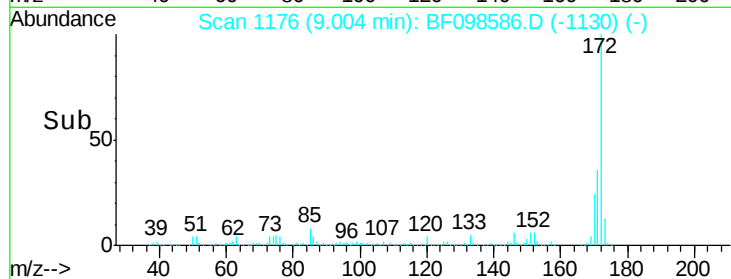
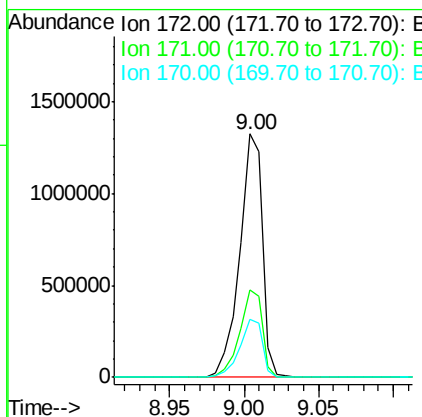
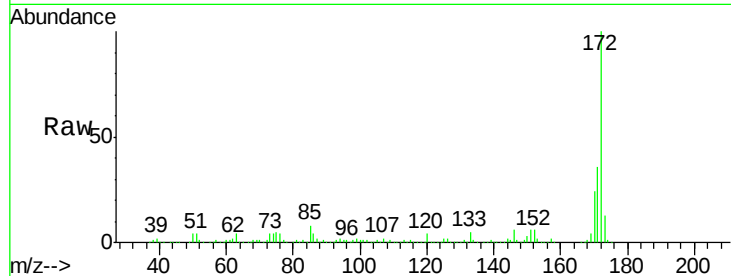
#44
2-Fluorobiphenyl
Concen: 90.474 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Instrument :
BNA_F
ClientSampleId :
B-16(0-10)COMP

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

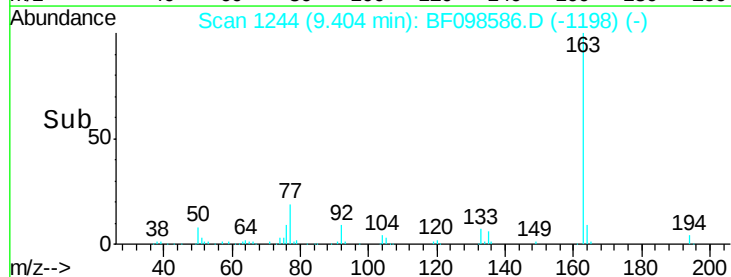
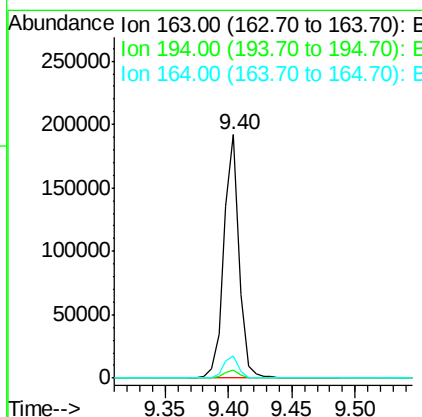
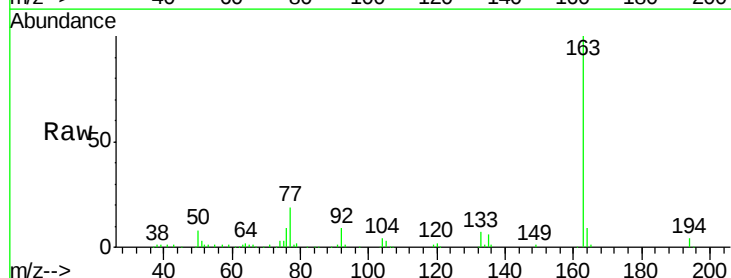
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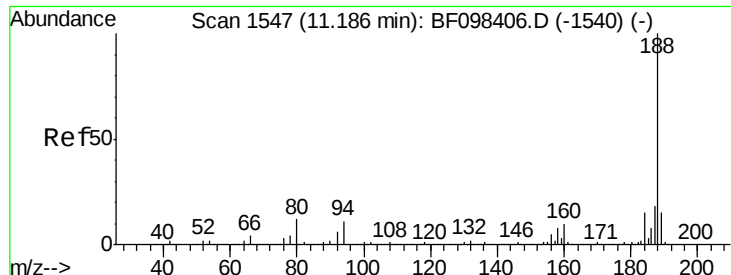
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#49
Dimethylphthalate
Concen: 7.886 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.0	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: BF098586.D

Acq: 15 Sep 2017 23:22

Instrument :

BNA_F

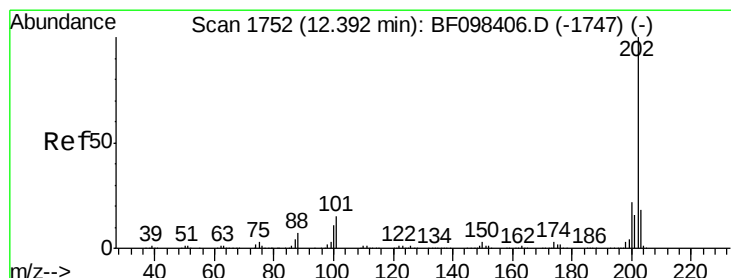
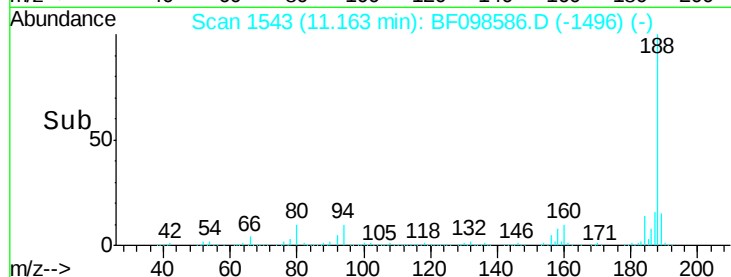
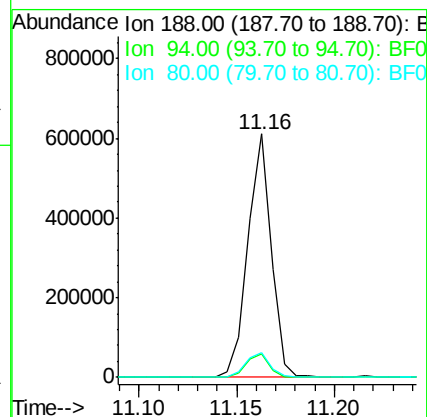
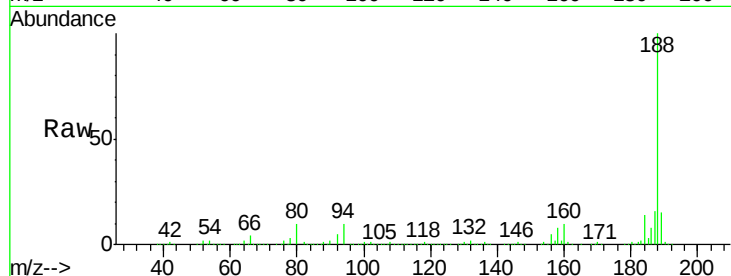
ClientSampleId :

B-16(0-10)COMP

Tgt Ion:	188	Resp:	509172
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.4	14.2
80	10.3	10.2	15.2

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#74

Fluoranthene

Concen: 2.849 ng

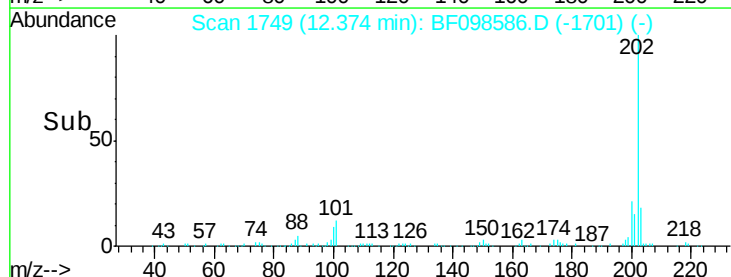
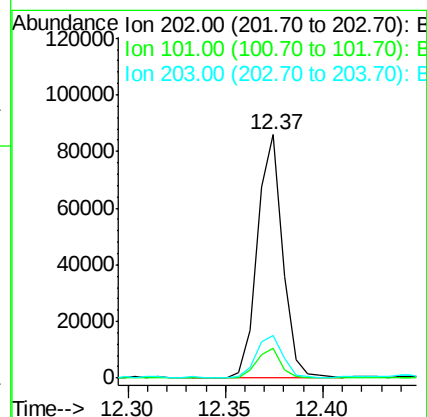
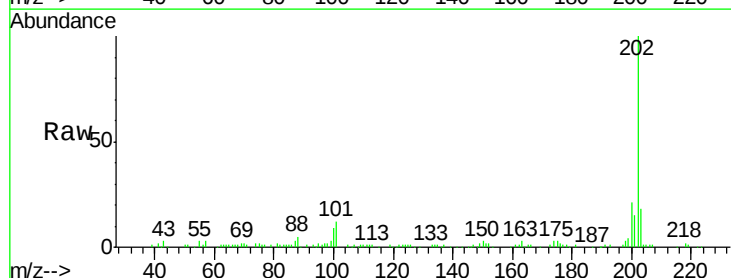
RT: 12.37 min Scan# 1749

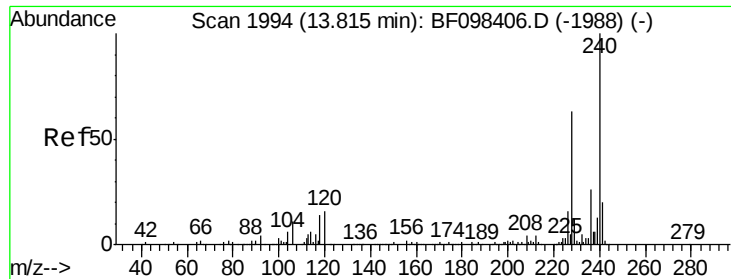
Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

Tgt Ion:	202	Resp:	76977
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

Instrument :

BNA_F

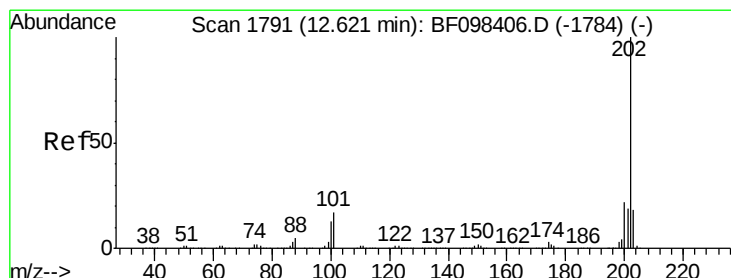
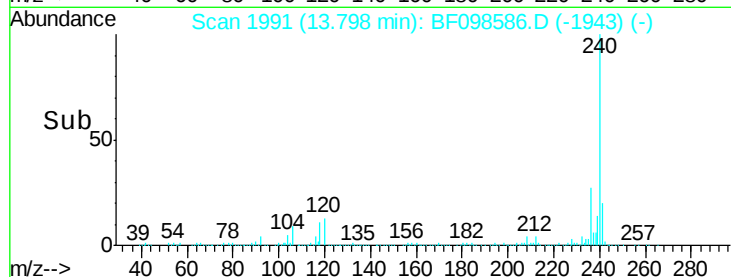
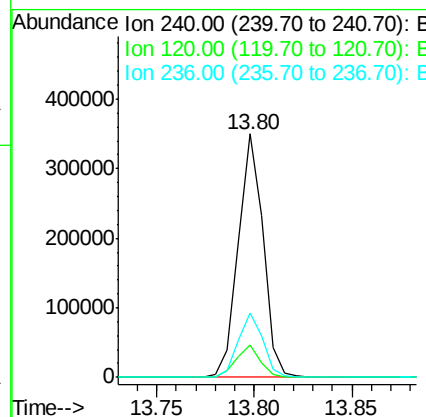
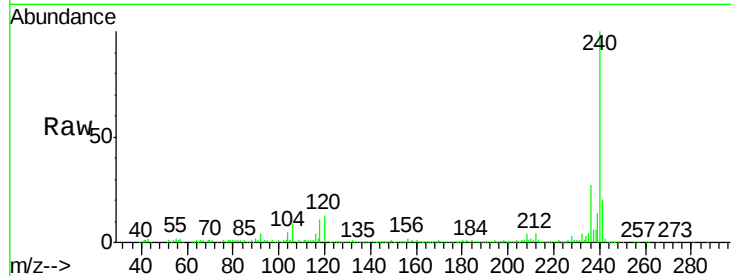
ClientSampleId :

B-16(0-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	310654		
120	13.1	5.8	8.8#	
236	26.5	20.5	30.7	

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#77

Pyrene

Concen: 2.827 ng

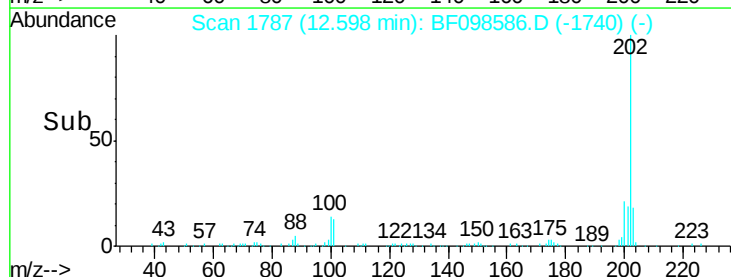
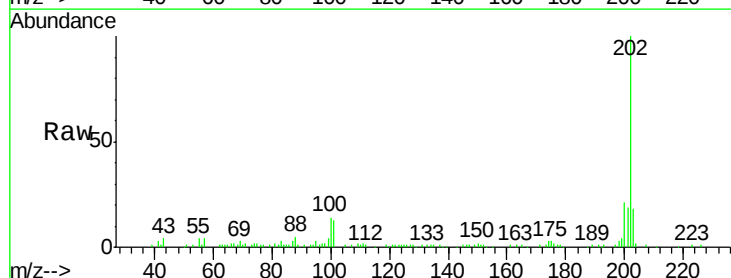
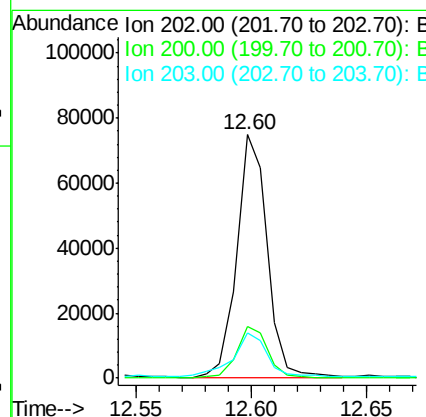
RT: 12.60 min Scan# 1787

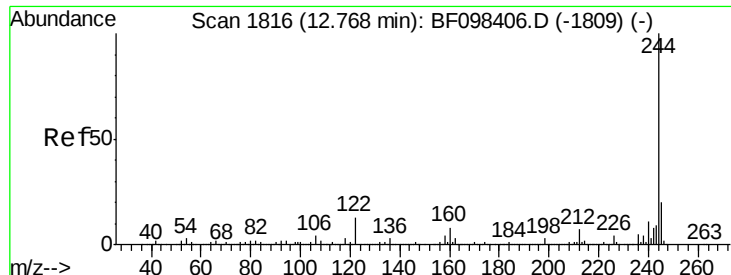
Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	69290		
200	21.3	17.6	26.4	
203	18.5	14.4	21.6	





#78

Terphenyl-d14

Concen: 70.271 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

Instrument :

BNA_F

ClientSampleId :

B-16(0-10)COMP

Tgt Ion:244 Resp: 1011374

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

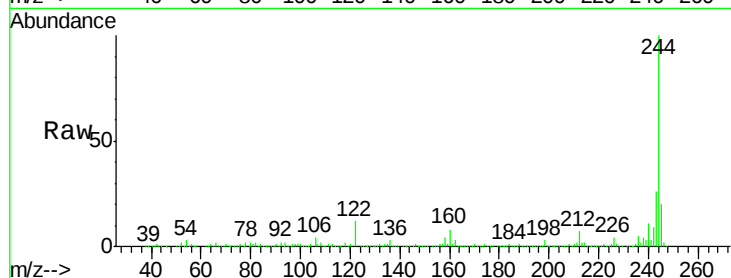
122 11.9 10.3 15.5

Manual Integrations

APPROVED

Sohil

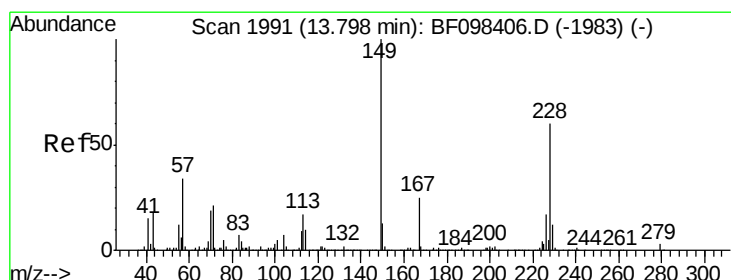
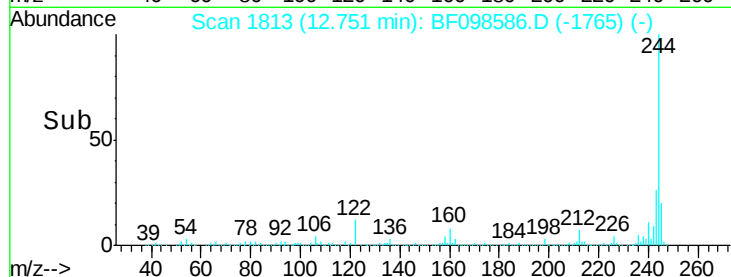
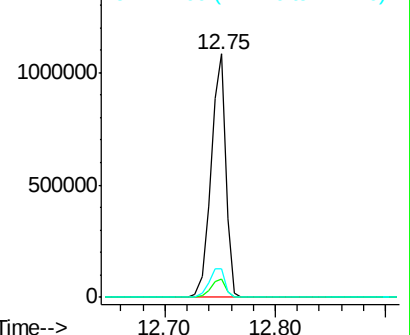
9/18/2017 3:33:53 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.532 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF098586.D

Acq: 15 Sep 2017 23:22

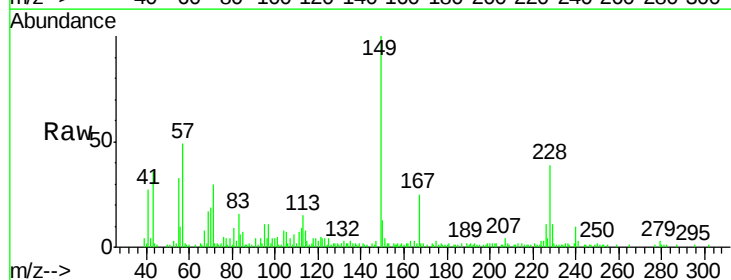
Tgt Ion:149 Resp: 33779

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

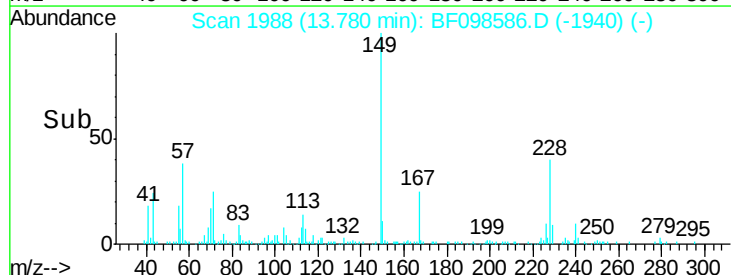
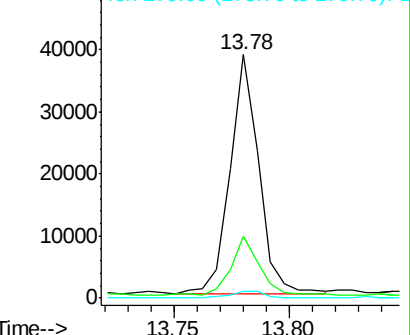
279 2.7 1.9 2.9

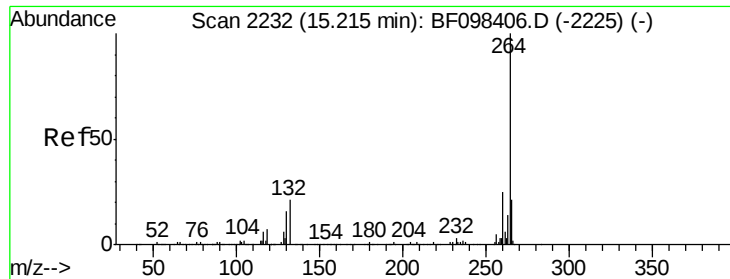


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





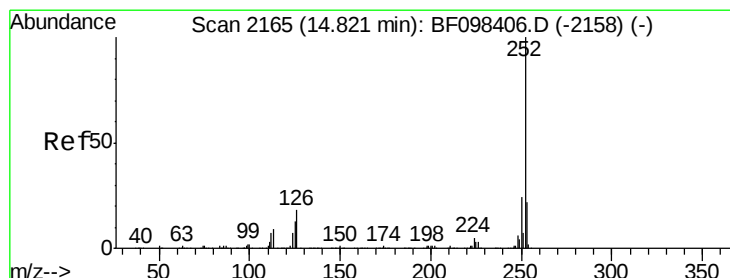
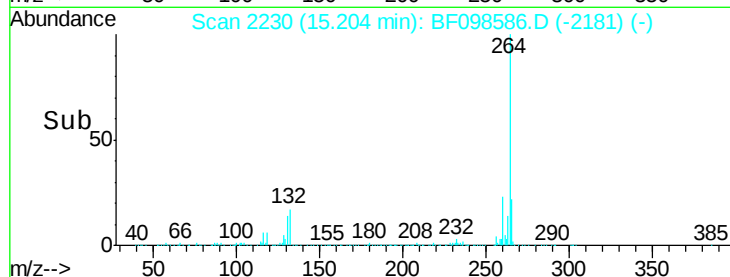
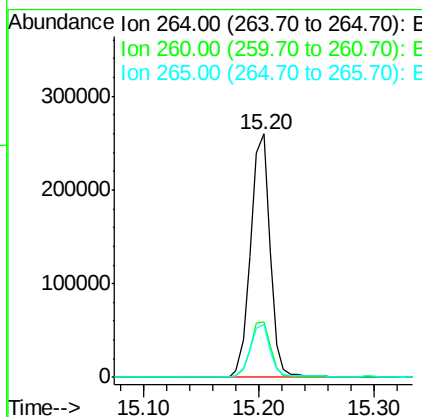
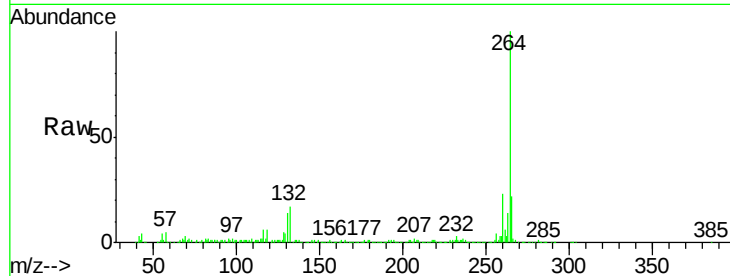
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Instrument :
BNA_F
ClientSampleId :
B-16(0-10)COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.8	17.2	25.8

Manual Integrations
APPROVED

Sohil
9/18/2017 3:33:53 PM



#87
Benzo(b)fluoranthene
Concen: 2.109 ng m
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098586.D
Acq: 15 Sep 2017 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	17.7	9.8	14.8#

