

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099726.D
 Acq On : 21 Oct 2017 14:31
 Operator : SJ/JU
 Sample : I6017-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3867-RT5158-COMP-2

Manual Integrations
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Quant Time: Oct 22 01:08:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	96295	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	410523	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	196249	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	347199	20.00	ng	0.00
75) Chrysene-d12	13.98	240	208813	20.00	ng	0.00
86) Perylene-d12	15.44	264	195191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	479562	79.28	ng	0.00
7) Phenol-d6	6.45	99	582117	78.01	ng	-0.01
23) Nitrobenzene-d5	7.38	82	335202	52.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	137217	85.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	662693	56.37	ng	0.00
78) Terphenyl-d14	12.92	244	527512	57.45	ng	0.00
Target Compounds						
10) Phenol	6.46	94	20624	2.471	ng	Qvalue # 79
49) Dimethylphthalate	9.56	163	38613	2.607	ng	98
70) Phenanthrene	11.36	178	85669	4.610	ng	99
74) Fluoranthene	12.55	202	188120	9.996	ng	98
77) Pyrene	12.78	202	166891	10.481	ng	99
80) Benzo(a)anthracene	13.97	228	60583	4.791	ng	98
82) Chrysene	14.00	228	62507	5.193	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	35822	3.720	ng	97
87) Benzo(b)fluoranthene	15.02	252	74310m	6.192	ng	
88) Benzo(k)fluoranthene	15.04	252	27640m	2.332	ng	
89) Benzo(a)pyrene	15.38	252	52766	4.790	ng	95
91) Benzo(a,h,i)perylene	17.36	276	33798	3.878	ng	91

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

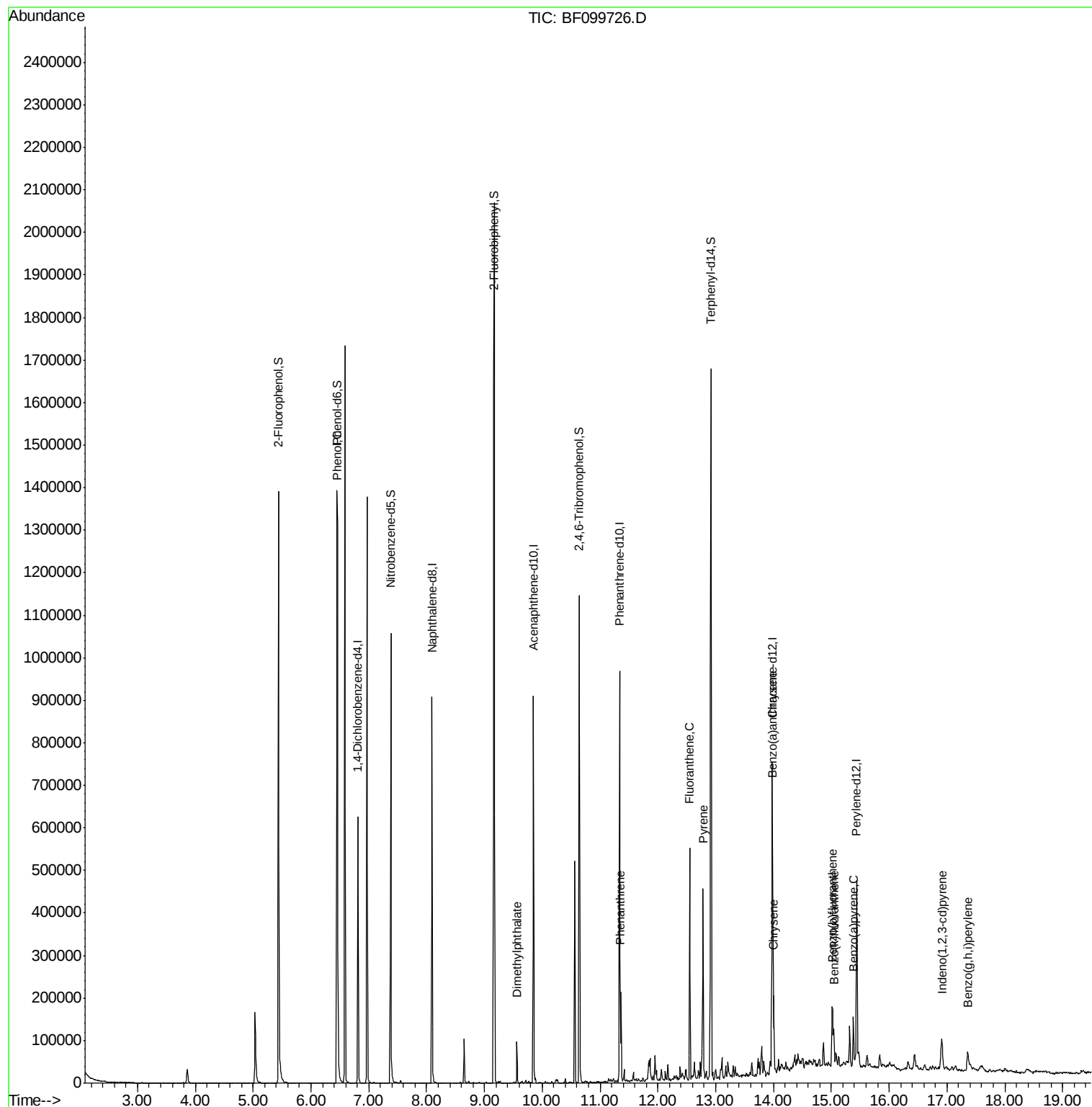
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099726.D
Acq On : 21 Oct 2017 14:31
Operator : SJ/JU
Sample : I6017-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

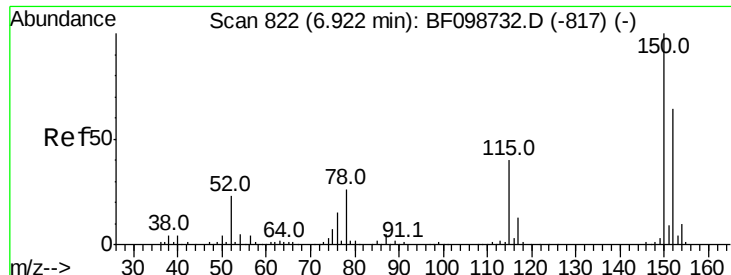
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RT3867-RT5158-COMP-2

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Quant Time: Oct 22 01:08:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

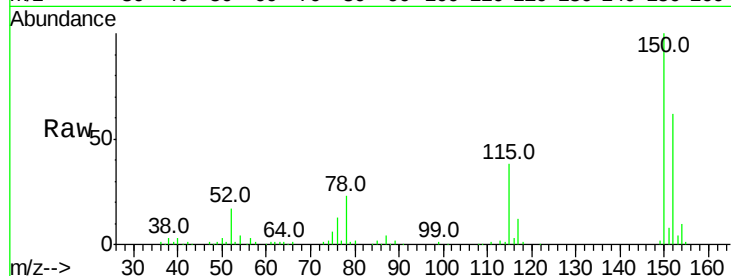
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

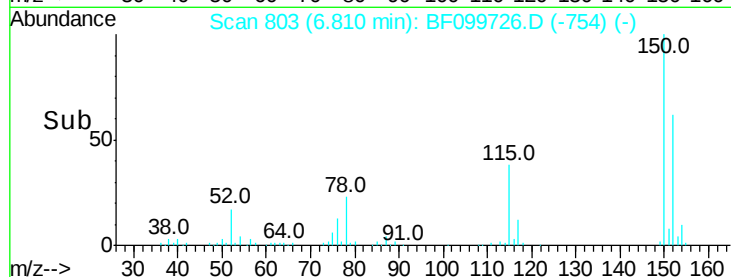
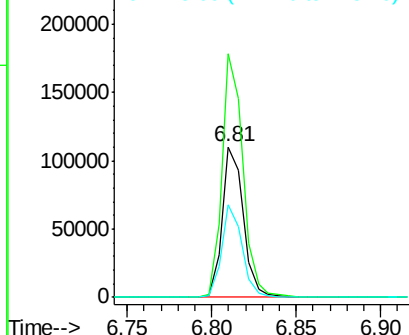
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	61.9	50.1	75.1

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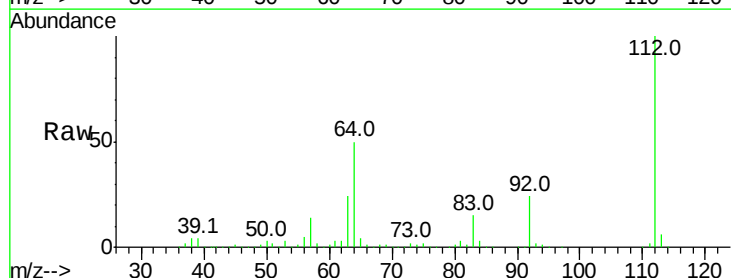
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



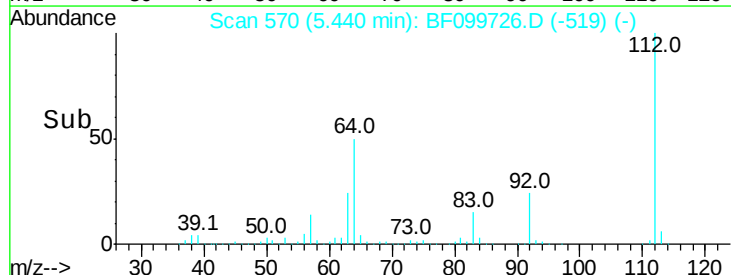
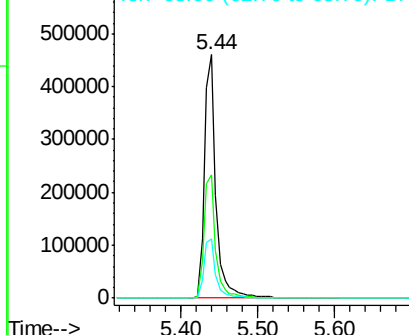
#5

2-Fluorophenol
Concen: 79.279 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	47.9	71.9
63	24.4	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: 78.009 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099726.D

Acq: 21 Oct 2017 14:31

Instrument :

BNA_F

ClientSampleId :

RT3867-RT5158-COMP-2

Tot Ion: 99 Resp: 582117

Ion Ratio Lower Upper

99 100

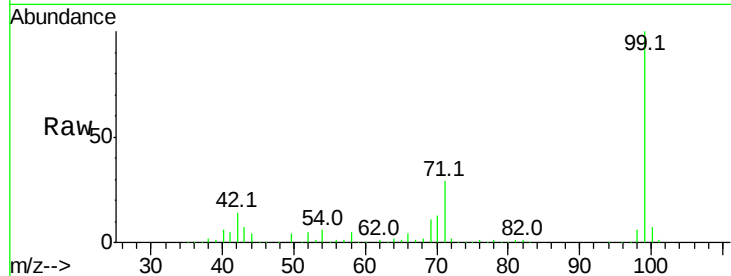
42 14.4 14.5 21.7#

71 29.4 25.4 38.0

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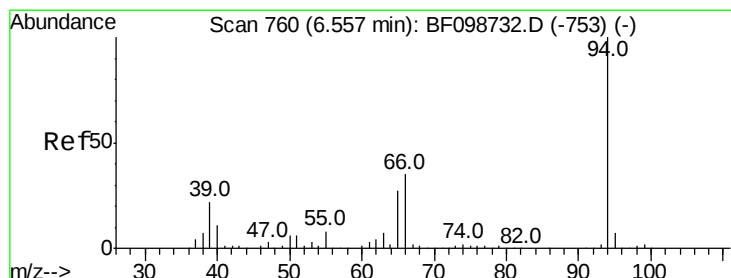
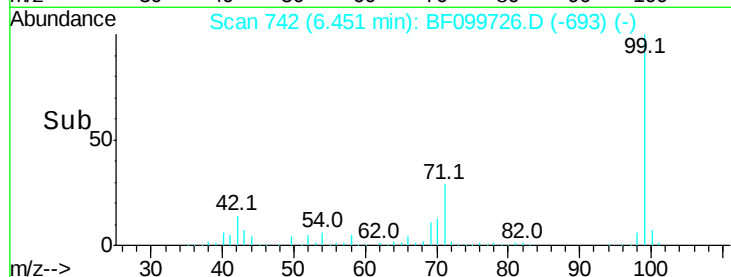
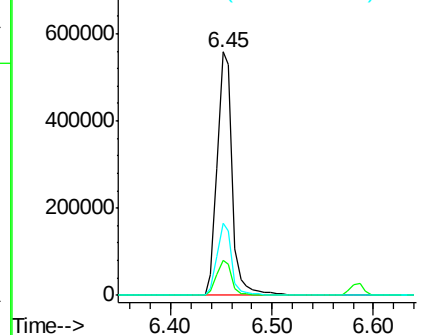
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.471 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099726.D

Acq: 21 Oct 2017 14:31

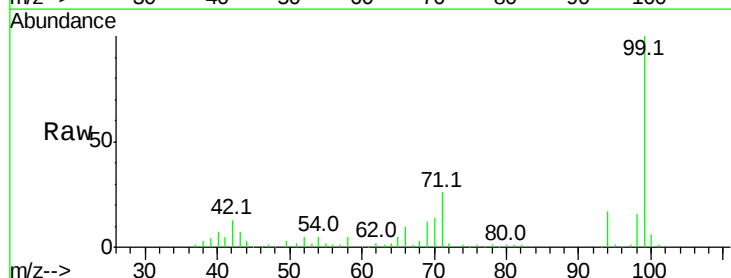
Tgt Ion: 94 Resp: 20624

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

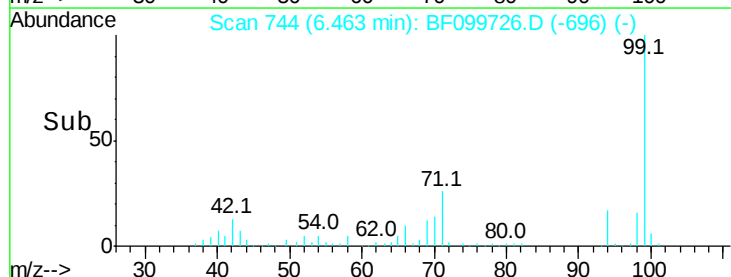
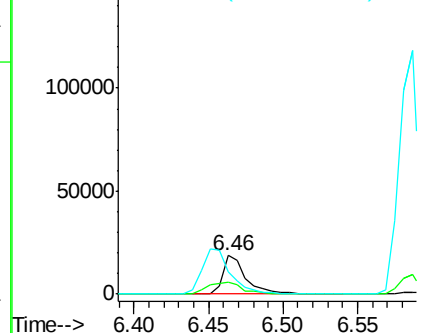
66 56.4 16.2 56.2#



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





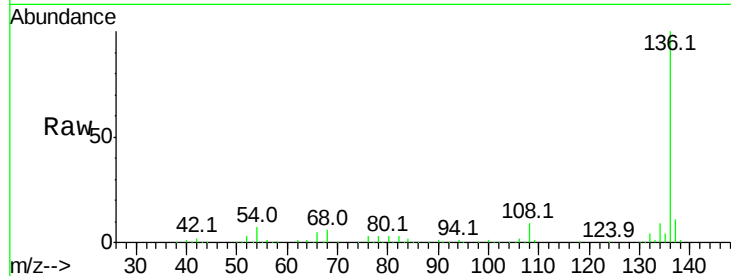
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

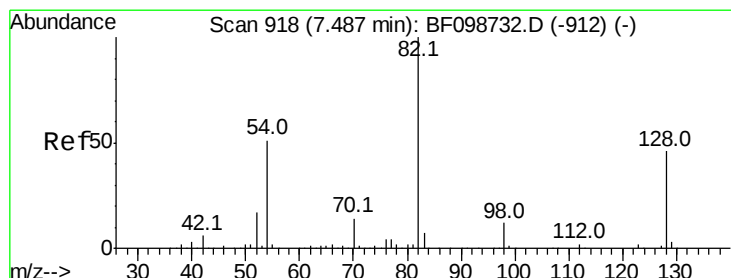
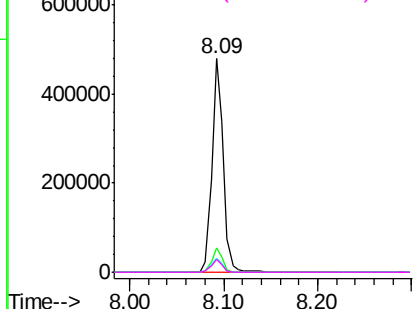
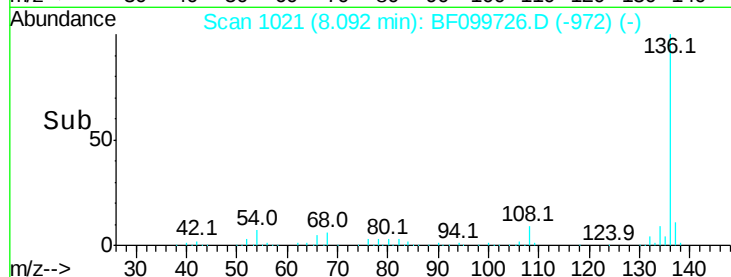
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.8	6.6	9.8	
68	5.9	5.0	7.4	

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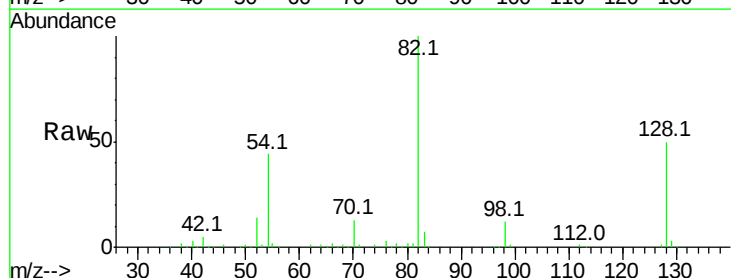


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

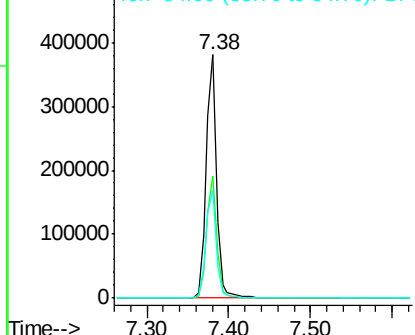
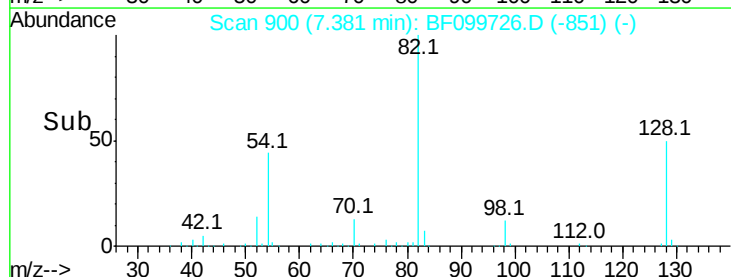


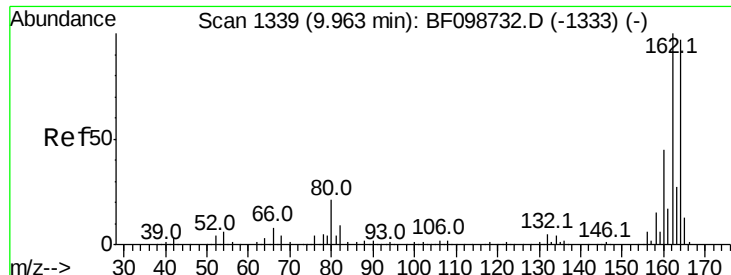
#23
Nitrobenzene-d5
Concen: 52.364 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.2	36.1	54.1	
54	44.1	41.4	62.2	



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





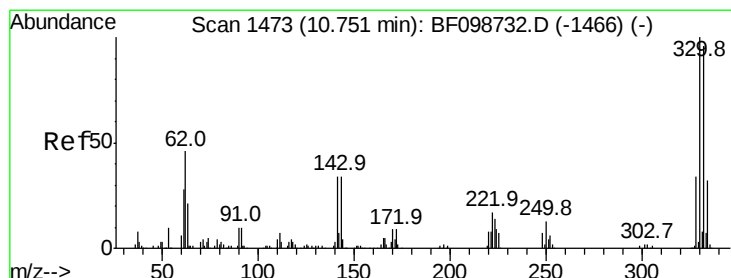
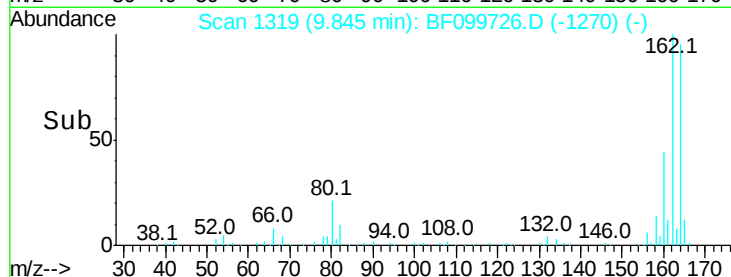
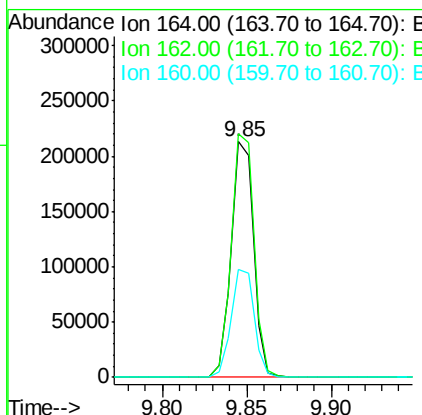
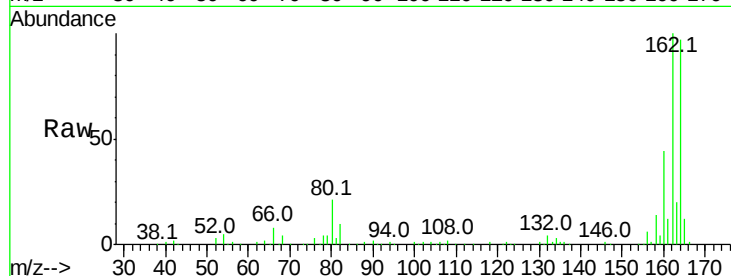
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.6	38.3	57.5

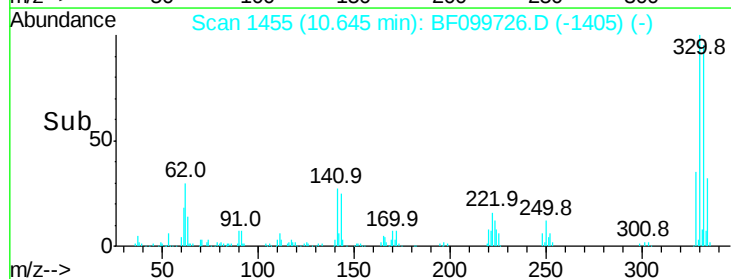
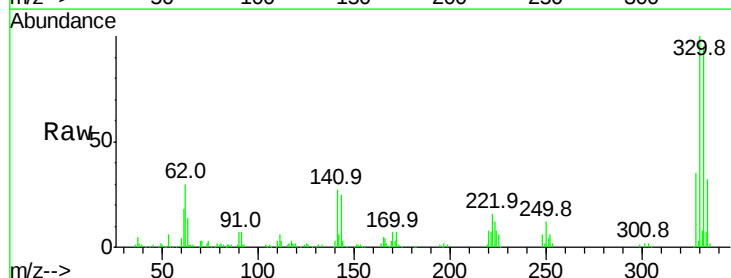
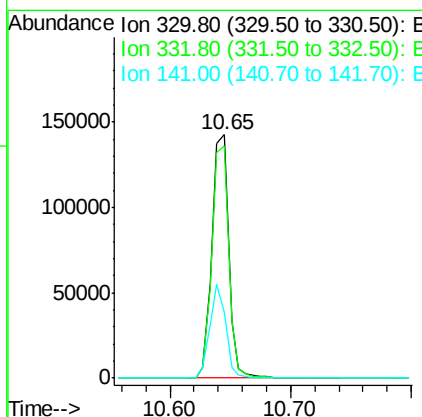
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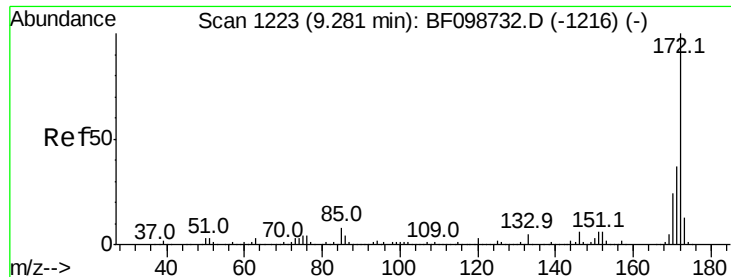
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#41
2,4,6-Tribromophenol
Concen: 85.448 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.1	29.9	44.9





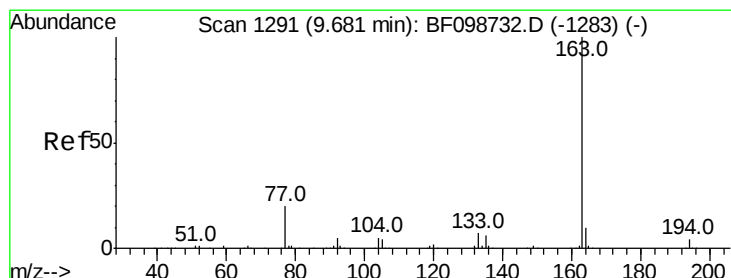
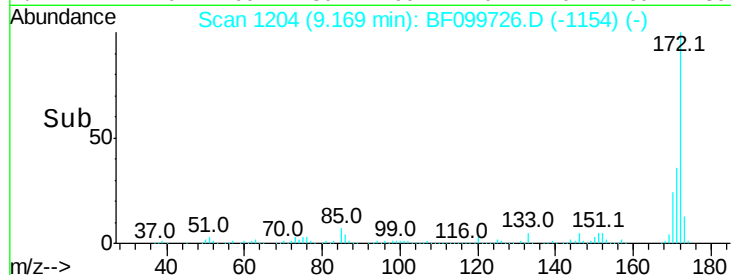
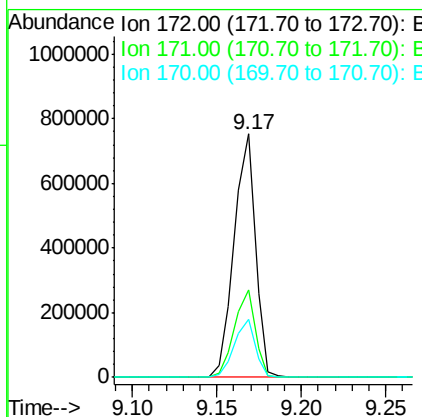
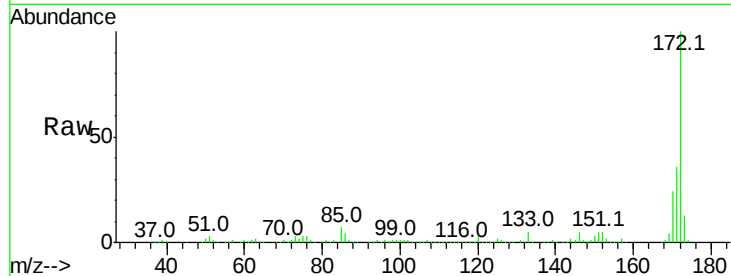
#44
2-Fluorobiphenyl
Concen: 56.373 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	662693		
171	36.1		29.7	44.5
170	23.6		19.6	29.4

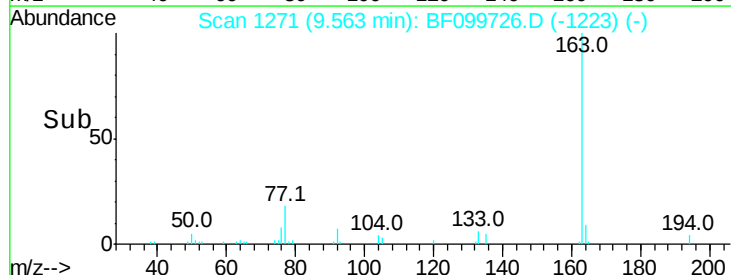
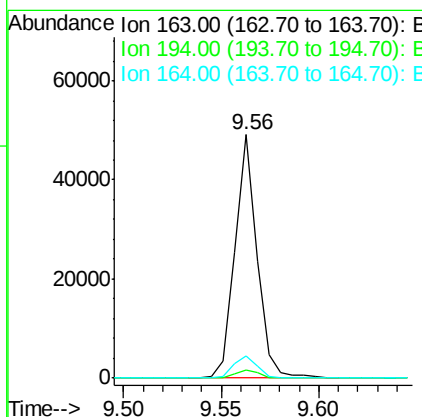
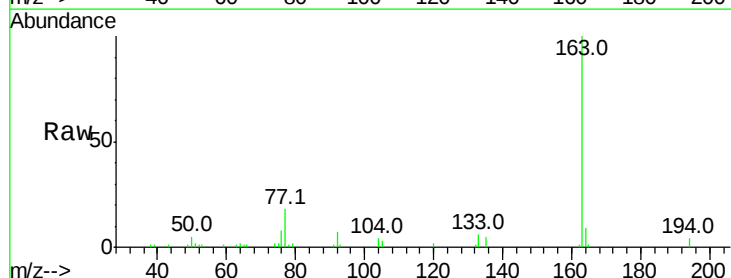
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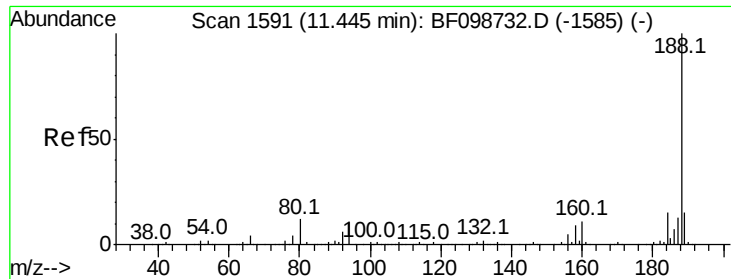
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#49
Dimethylphthalate
Concen: 2.607 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	38613		
194	3.6		2.7	4.1
164	9.1		8.2	12.2





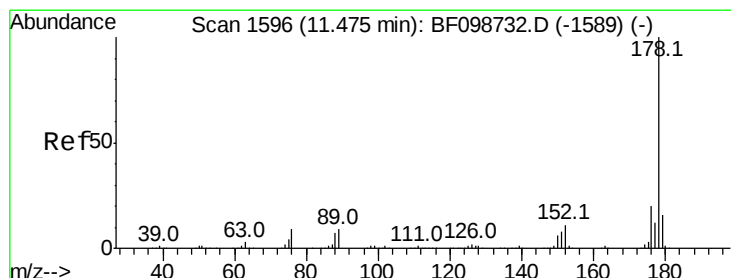
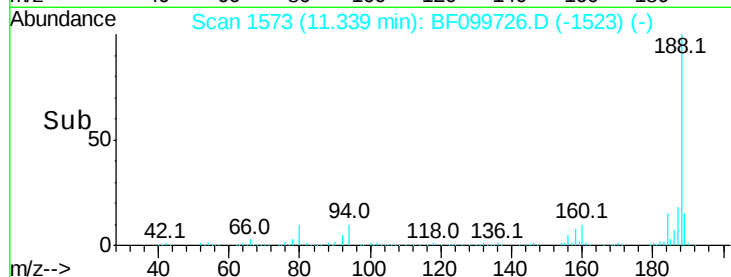
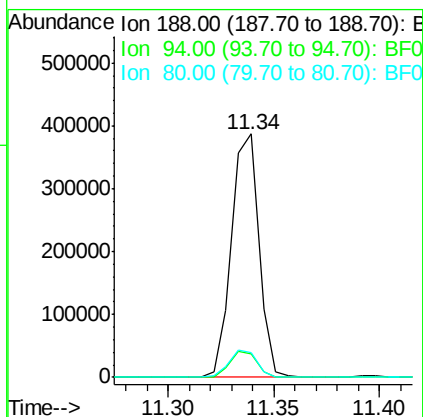
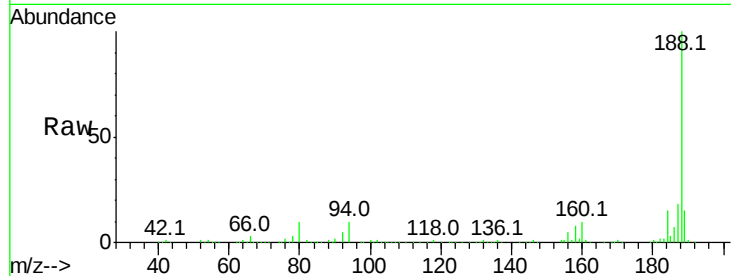
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
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RT3867-RT5158-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	347199		
94	9.9	8.5	12.7	
80	10.1	9.2	13.8	

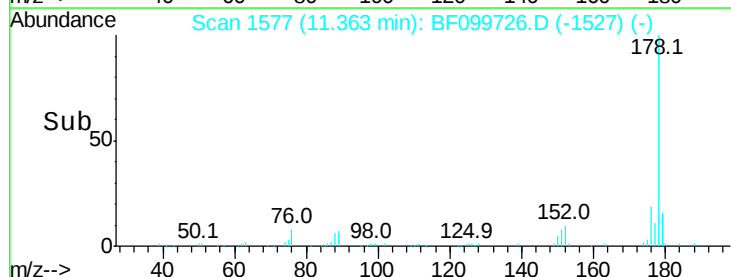
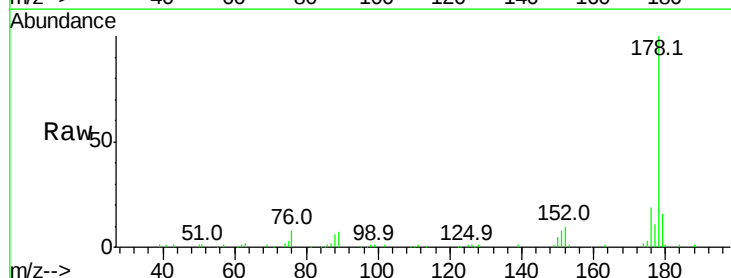
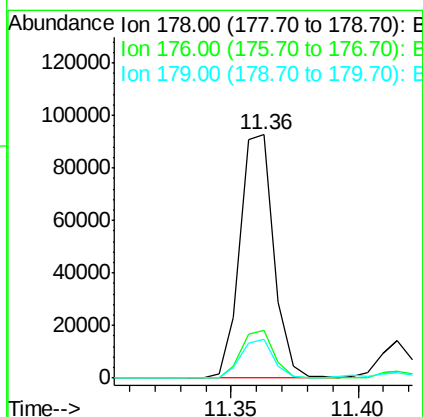
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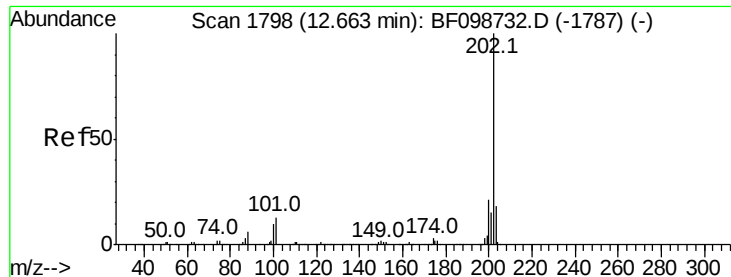
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#70
Phenanthrene
Concen: 4.610 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	85669		
176	19.4	15.8	23.8	
179	16.0	13.0	19.6	





#74

Fluoranthene

Concen: 9.996 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099726.D

Acq: 21 Oct 2017 14:31

Instrument :

BNA_F

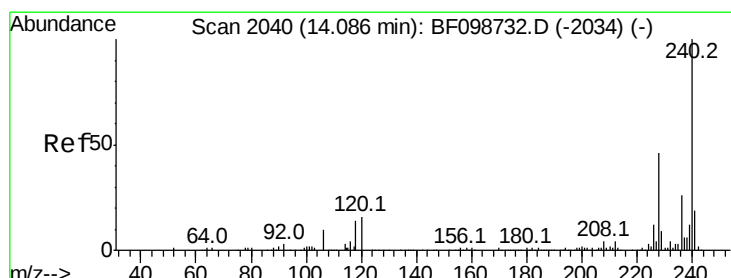
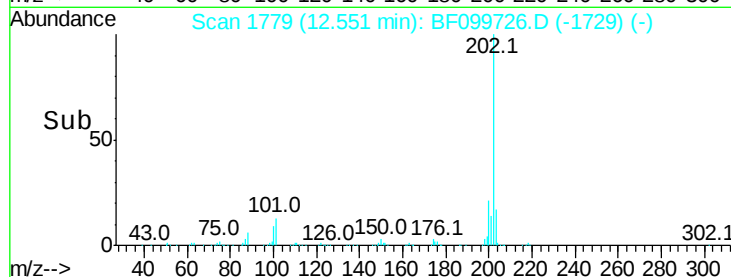
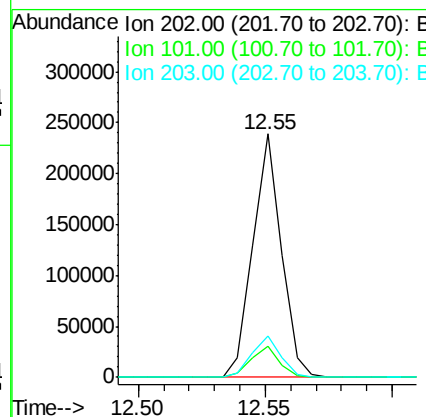
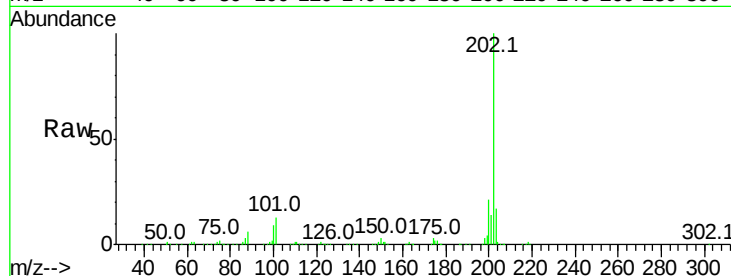
ClientSampleId :

RT3867-RT5158-COMP-2

Tot Ion:	202	Resp:	188120
Ion Ratio		Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

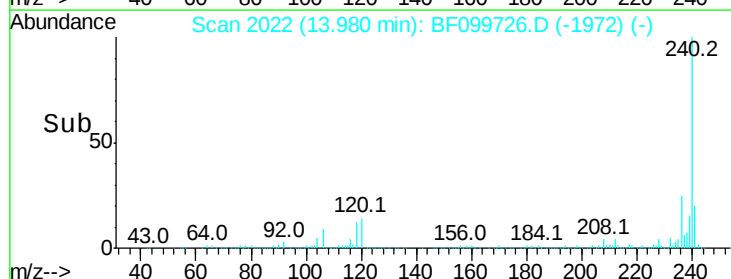
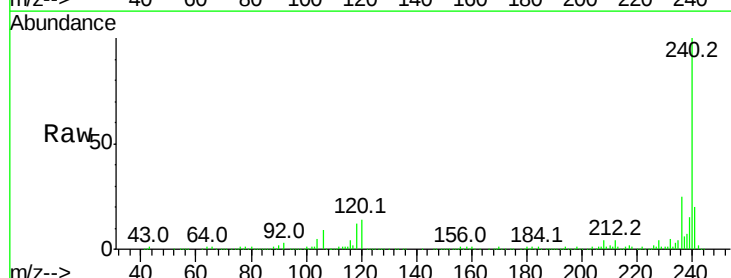
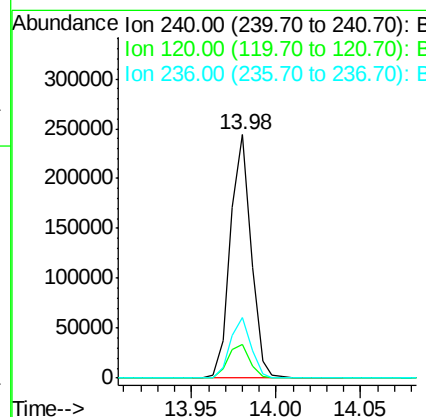
RT: 13.98 min Scan# 2022

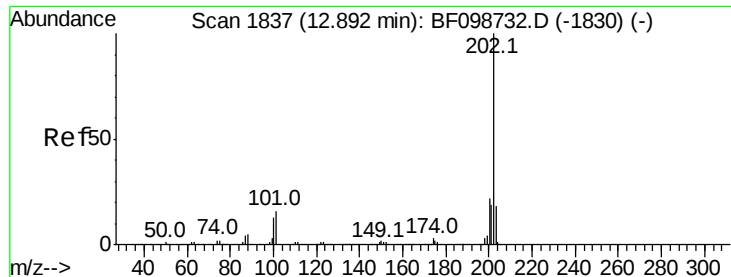
Delta R.T. -0.01 min

Lab File: BF099726.D

Acq: 21 Oct 2017 14:31

Tgt Ion:	240	Resp:	208813
Ion Ratio		Lower	Upper
240	100		
120	13.7	9.5	14.3
236	24.9	20.7	31.1





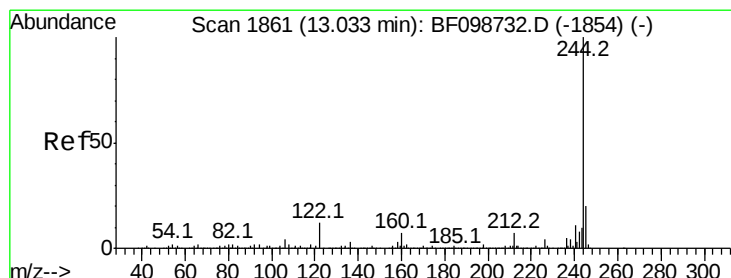
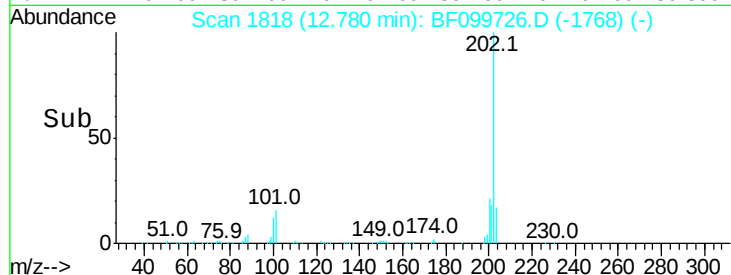
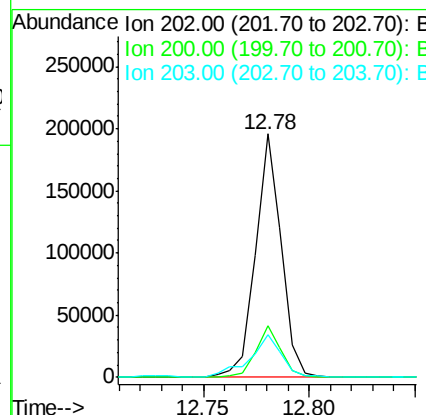
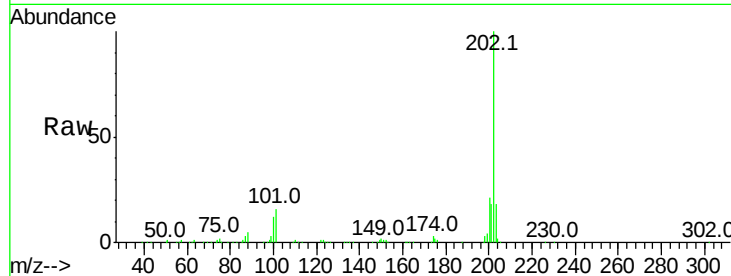
#77
Pvrene
Concen: 10.481 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

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

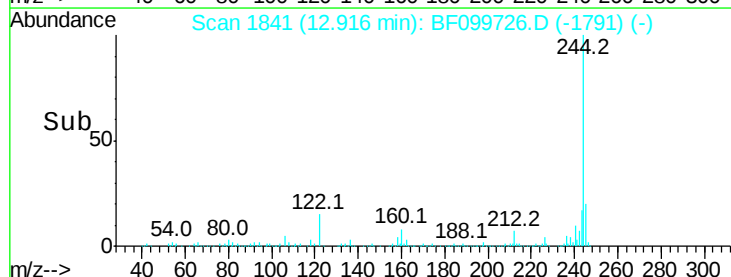
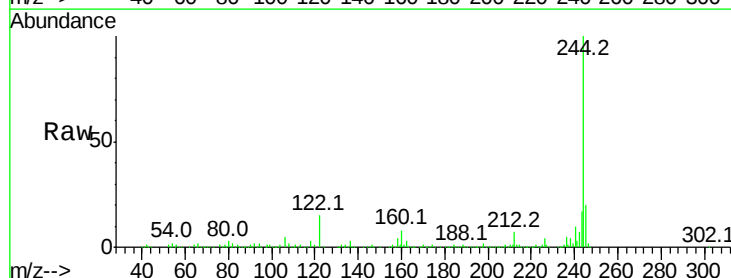
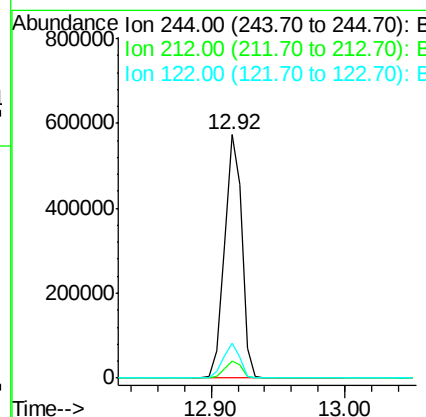
Manual Integrations
APPROVED

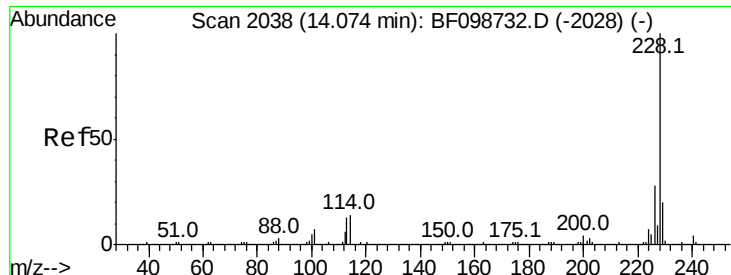
Sohil
10/23/2017 3:31:20 PM



#78
Terphenyl-d14
Concen: 57.452 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.6	11.0	16.4





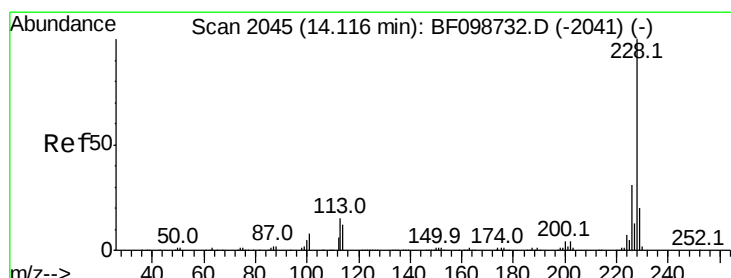
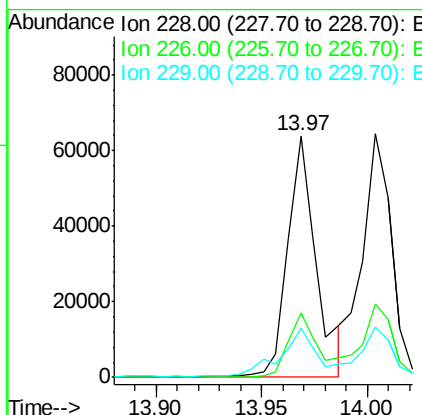
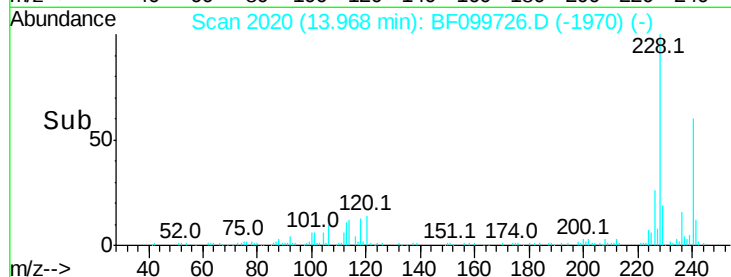
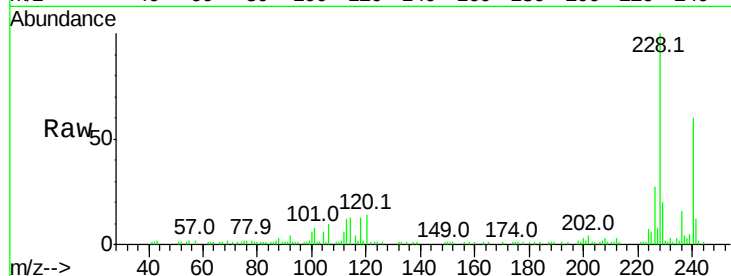
#80
Benzo(a)anthracene
Concen: 4.791 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.3	15.8	23.6

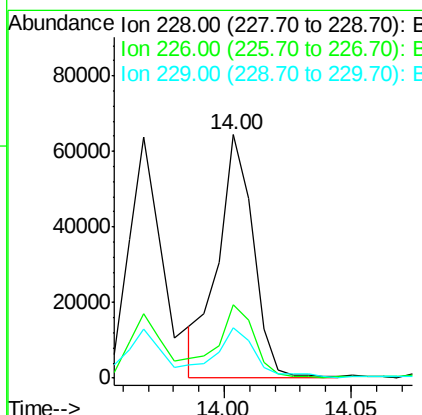
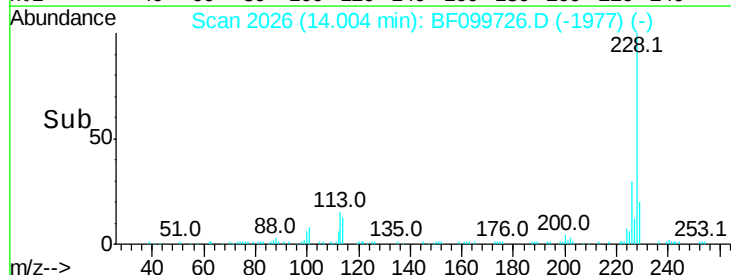
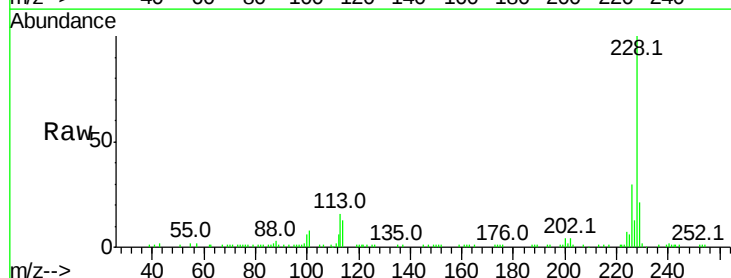
Manual Integrations
APPROVED

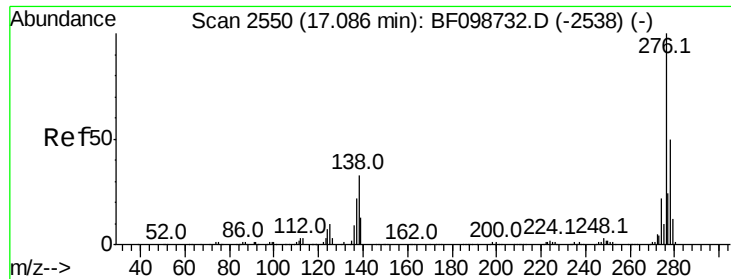
Sohil
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#82
Chrysene
Concen: 5.193 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.6	16.2	24.4





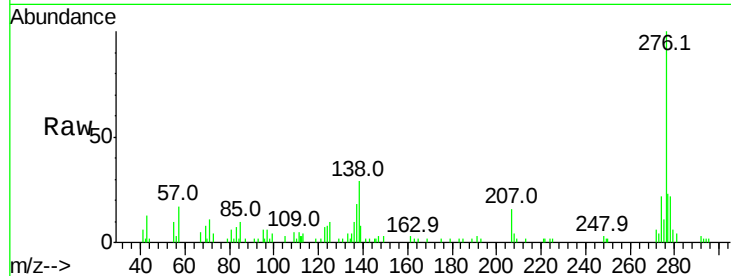
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.720 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.3	20.1	30.1

Manual Integrations
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Sohil
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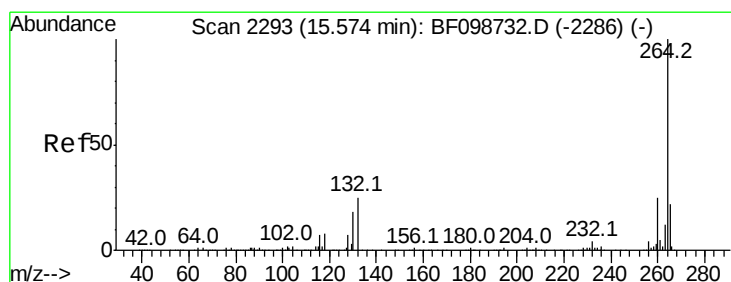
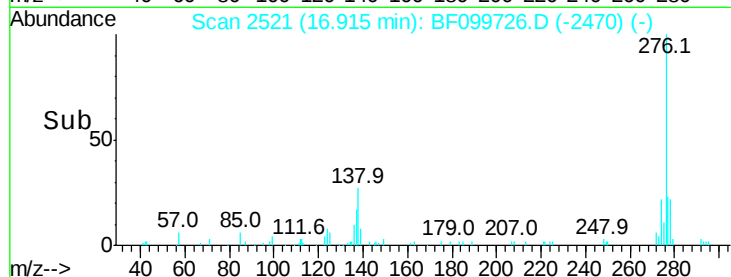
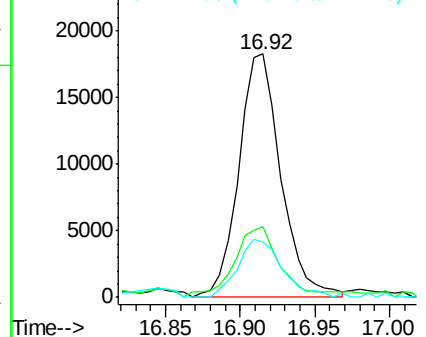


Abundance

Ion 276.00 (275.70 to 276.70): E

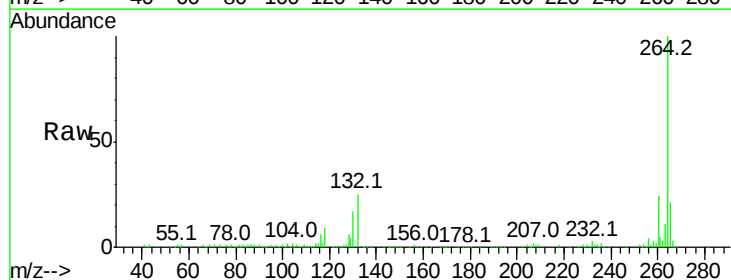
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3

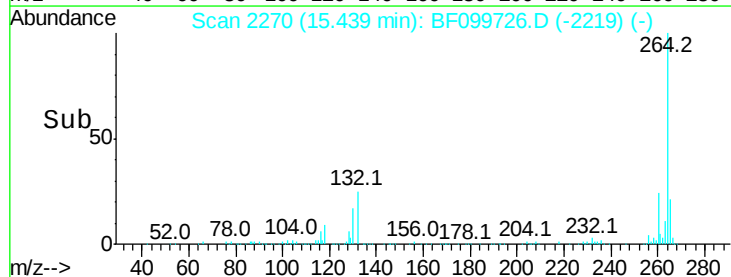
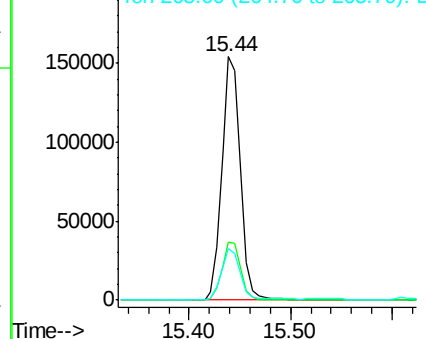


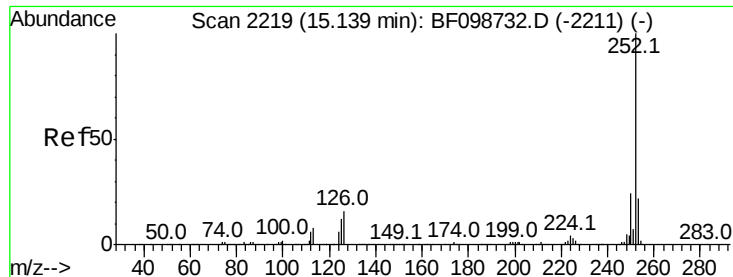
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





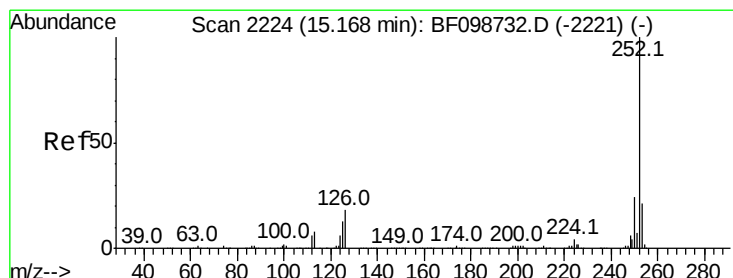
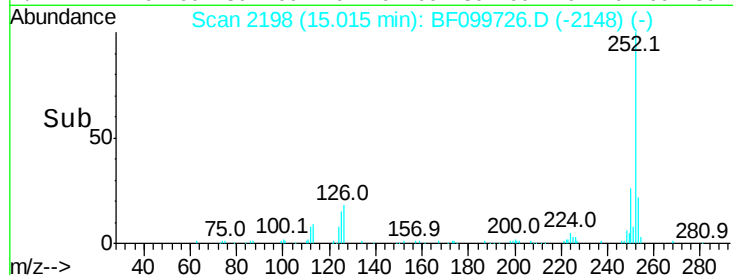
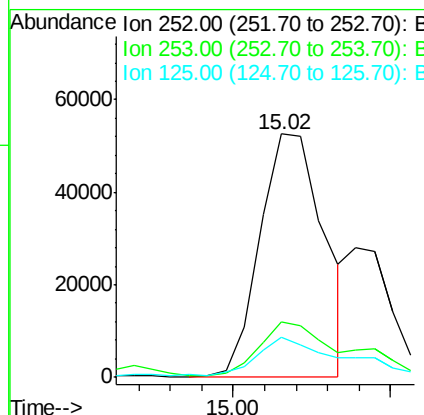
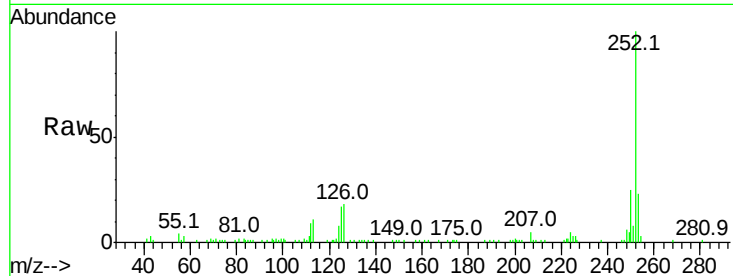
#87
Benzo(b)fluoranthene
Concen: 6.192 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	16.7	9.0	13.6

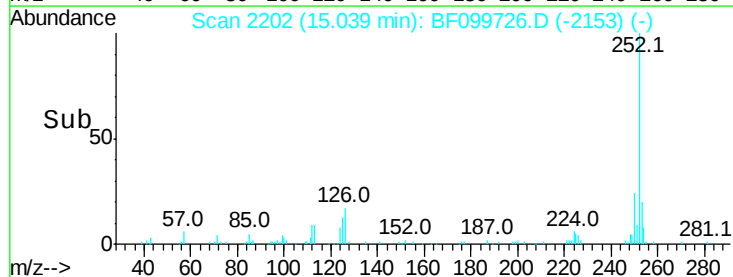
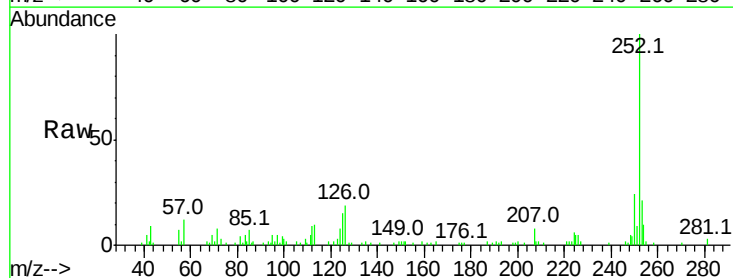
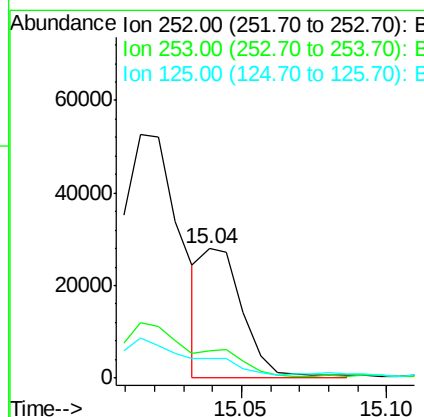
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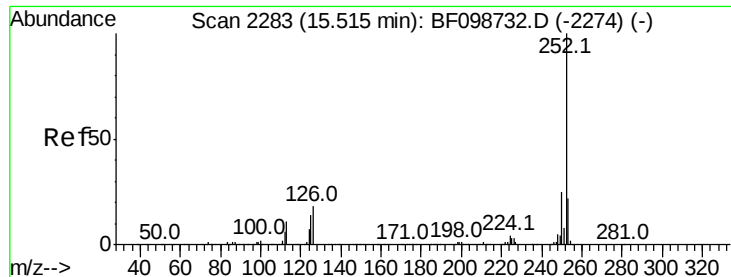
Sohil
10/23/2017 3:31:20 PM



#88
Benzo(k)fluoranthene
Concen: 2.332 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	14.8	10.2	15.2





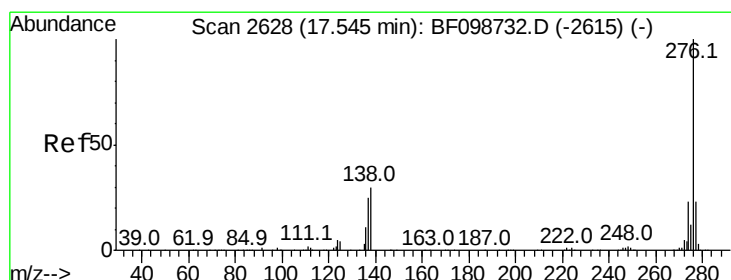
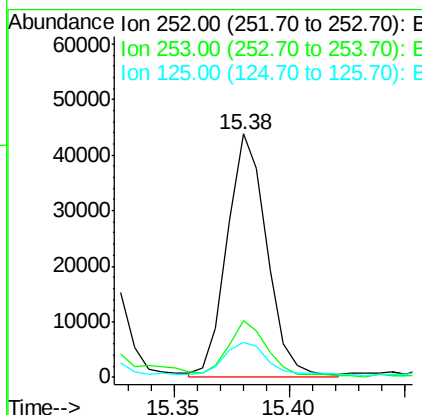
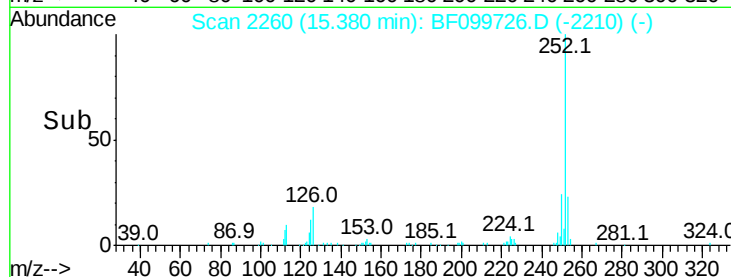
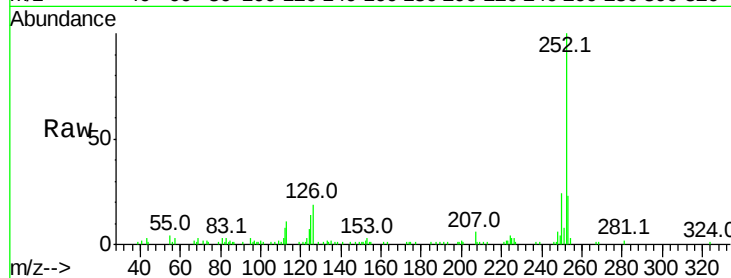
#89
Benzo(a)pyrene
Concen: 4.790 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Instrument :
BNA_F
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.878 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BF099726.D
Acq: 21 Oct 2017 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	32.3	21.8	32.8

