

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117835.D
 Acq On : 18 Nov 2019 15:13
 Operator : JU
 Sample : K5822-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N35868

Manual Integrations
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mohammad
 11/19/2019 2:35:37 PM

Quant Time: Nov 18 15:54:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	235072	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	899700	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	481280	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	902928	20.00	ng	0.00
76) Chrysene-d12	14.11	240	690849	20.00	ng	0.00
87) Perylene-d12	15.62	264	647036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1219108	91.80	ng	0.00
7) Phenol-d6	6.53	99	1063193	66.38	ng	-0.01
23) Nitrobenzene-d5	7.48	82	1265852	83.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	655532	128.66	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2337021	87.12	ng	0.00
79) Terphenyl-d14	13.06	244	2762095	73.07	ng	0.00
Target Compounds						
10) Phenol	6.55	94	270341	16.242	ng	98
50) Dimethylphthalate	9.67	163	381689	11.310	ng	98
52) Acenaphthene	10.00	154	70521	2.571	ng	99
58) Fluorene	10.52	166	67040	2.277	ng	99
71) Phenanthrene	11.48	178	158226	3.485	ng	98
78) Pyrene	12.90	202	141642	2.537	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	83524	2.873	ng	96
88) Benzo(b)fluoranthene	15.17	252	101833m	2.422	ng	

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

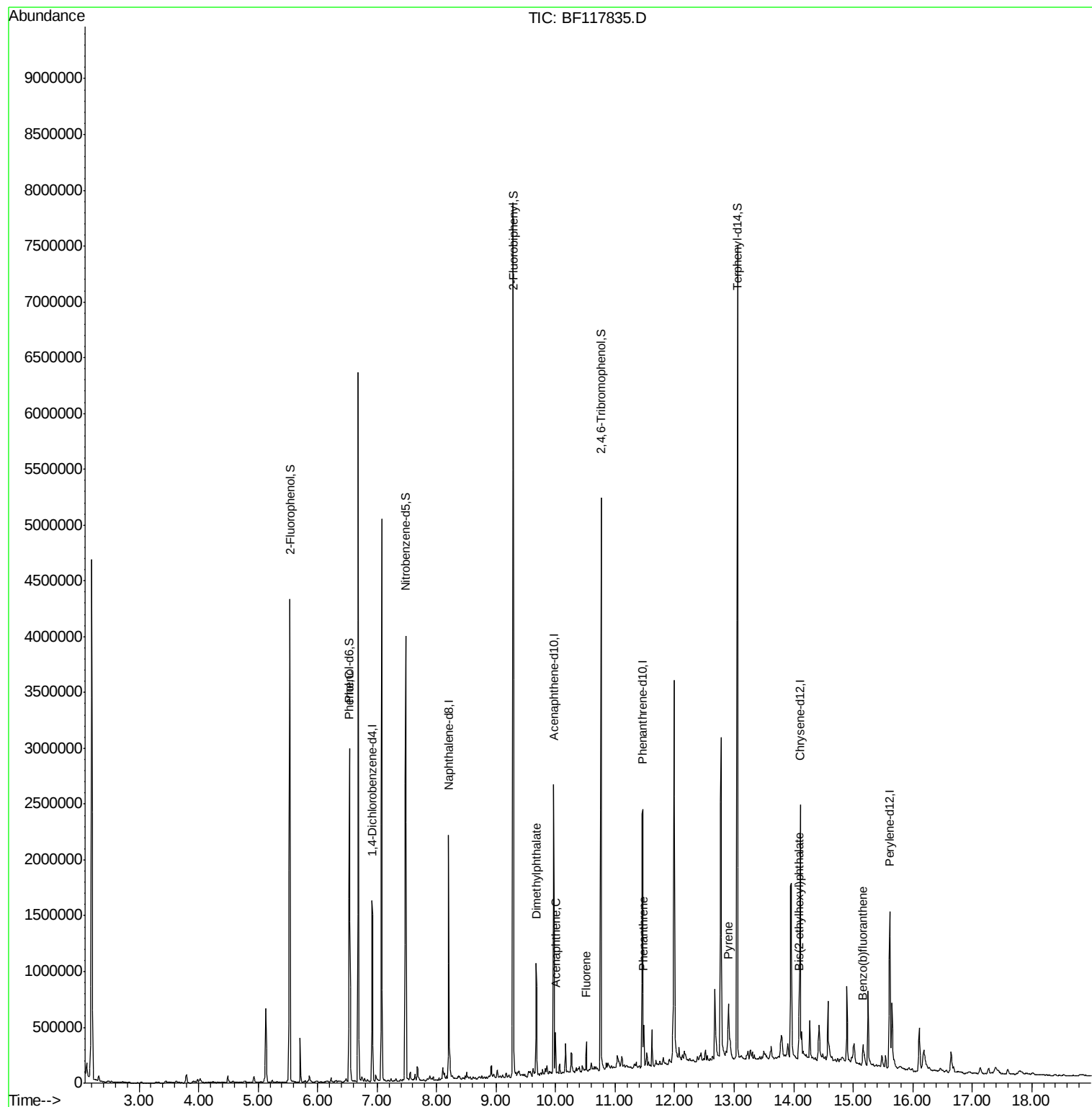
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117835.D
Acq On : 18 Nov 2019 15:13
Operator : JU
Sample : K5822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

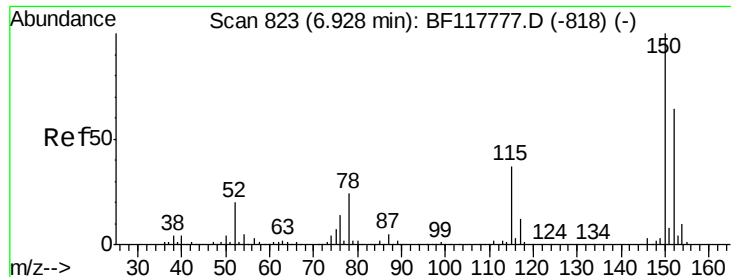
Instrument :
BNA_F
ClientSampleId :
N35868

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Quant Time: Nov 18 15:54:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
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#1

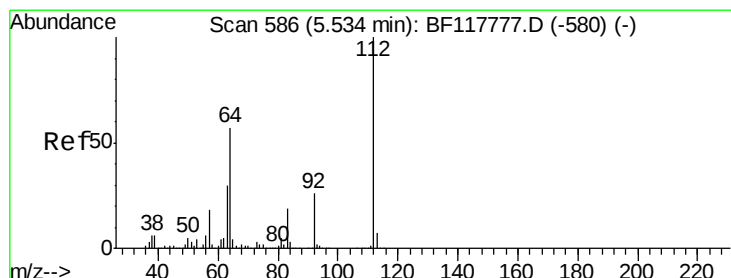
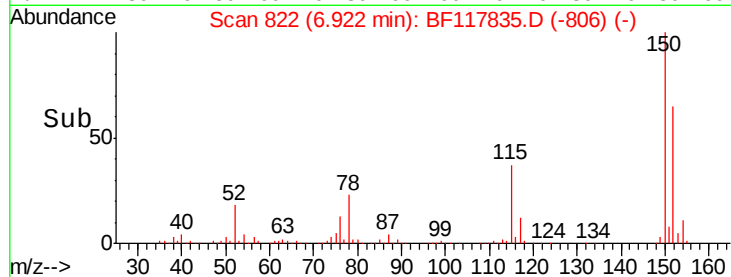
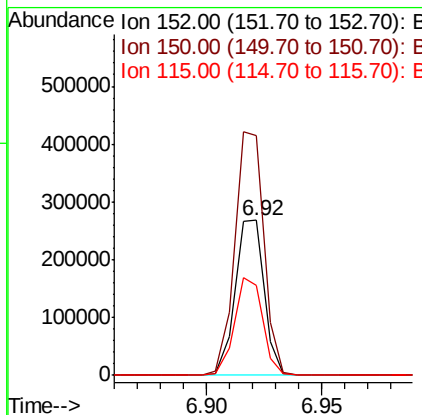
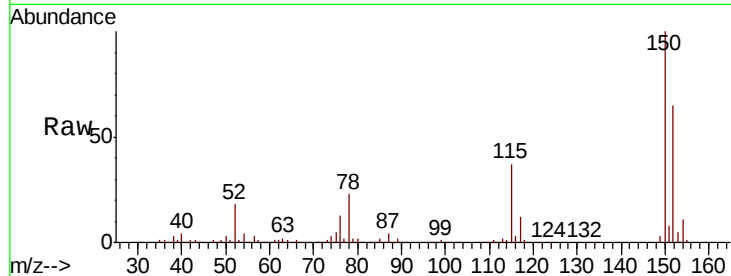
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :
N35868

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	57.7	47.0	70.4

Manual Integrations
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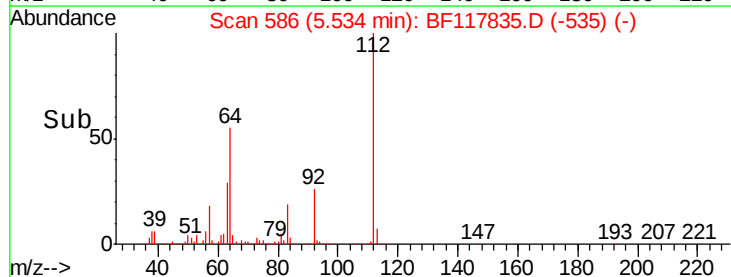
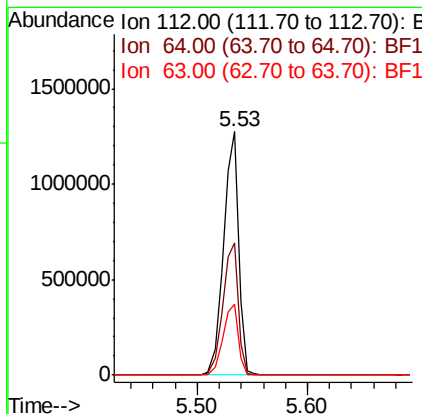
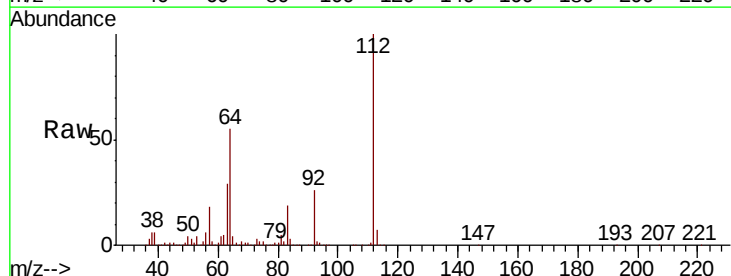
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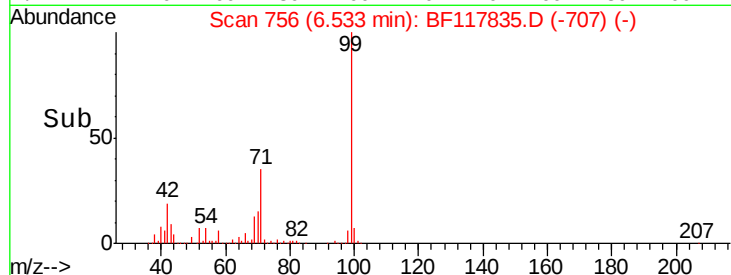
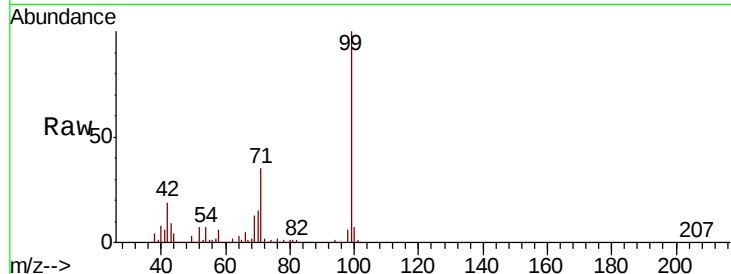
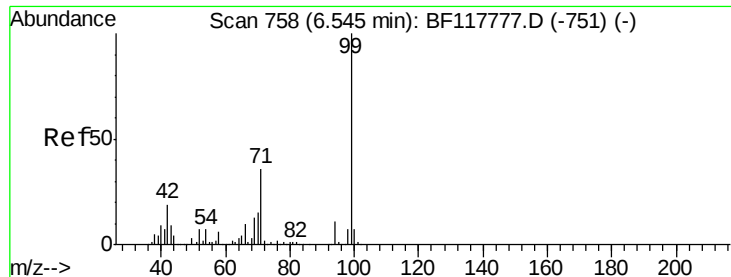


#5

2-Fluorophenol
Concen: 91.800 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.6	68.4
63	29.2	24.1	36.1





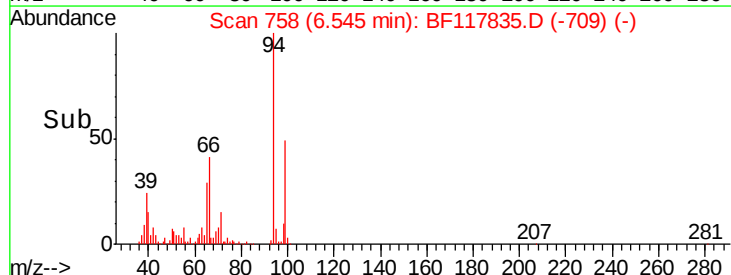
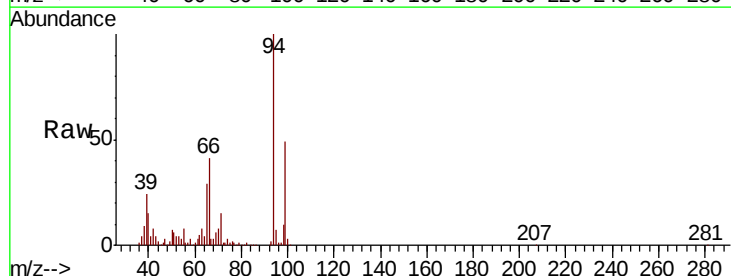
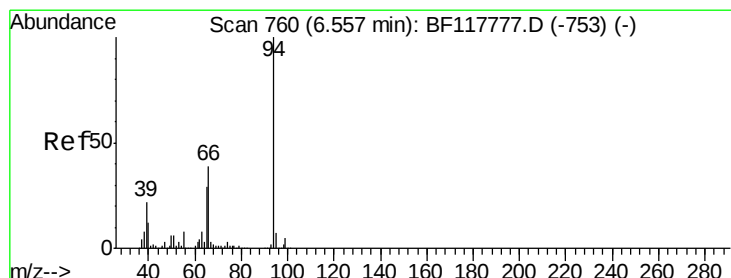
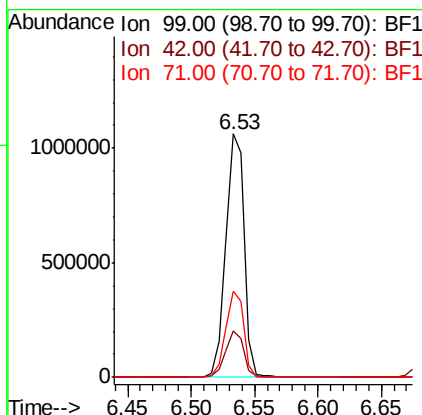
#7
Phenol-d6
Concen: 66.375 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tot Ion: 99 Resp: 1063193
Ion Ratio Lower Upper
99 100
42 18.9 14.9 22.3
71 35.3 28.6 43.0

Instrument :
BNA_F
ClientSampleId :
N35868

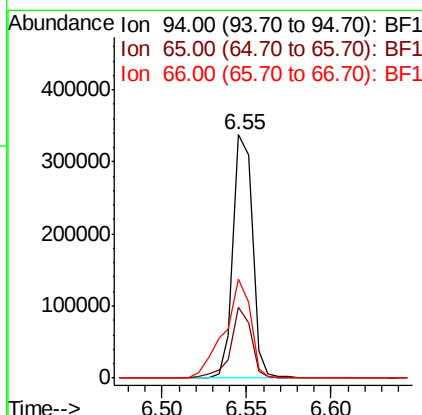
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#10
Phenol
Concen: 16.242 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion: 94 Resp: 270341
Ion Ratio Lower Upper
94 100
65 29.3 8.9 48.9
66 40.6 18.7 58.7





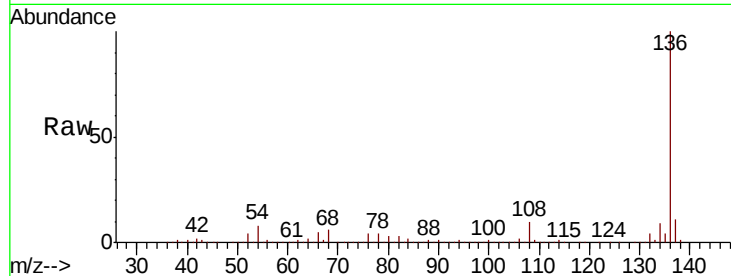
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :
N35868

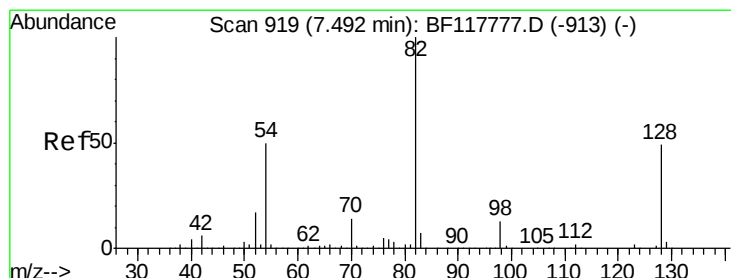
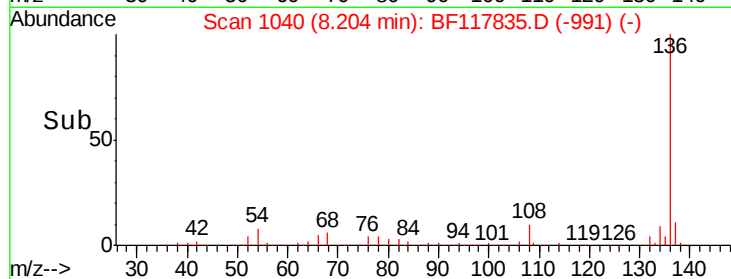
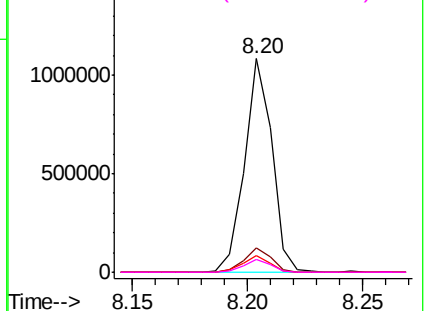
Tot Ion	Ratio	Resp	Lower	Upper
136	100	899700		
137	11.4		9.0	13.4
54	7.6		5.4	8.2
68	5.8		4.3	6.5

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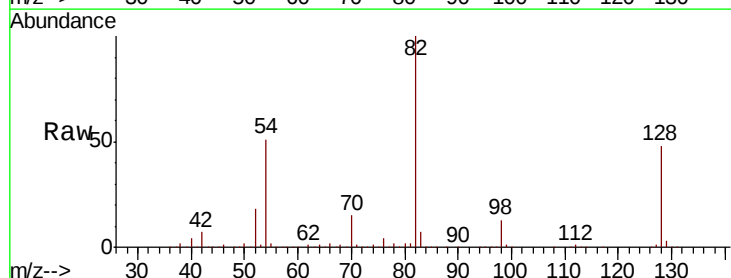


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

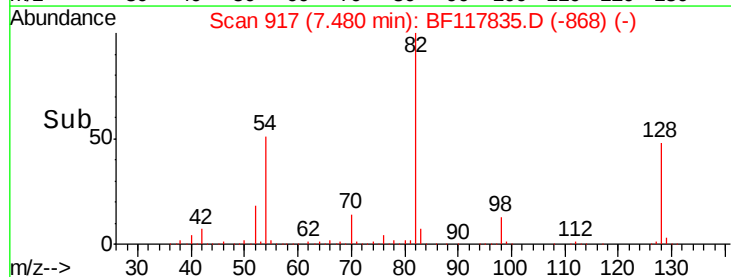
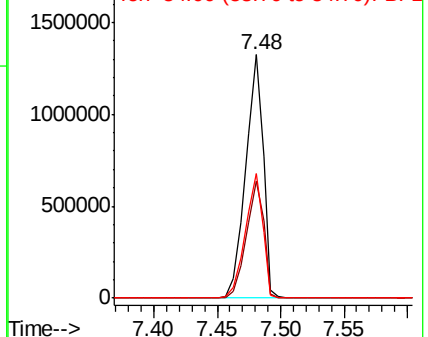


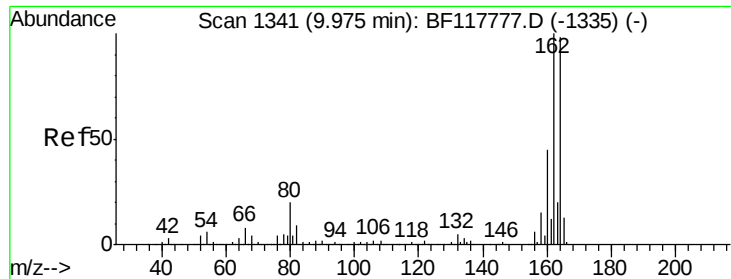
#23
Nitrobenzene-d5
Concen: 83.639 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1265852		
128	48.2		38.9	58.3
54	51.2		39.8	59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





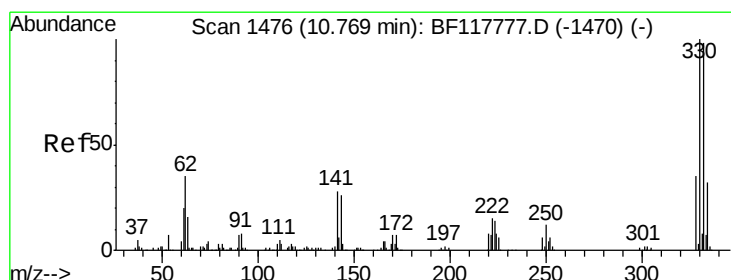
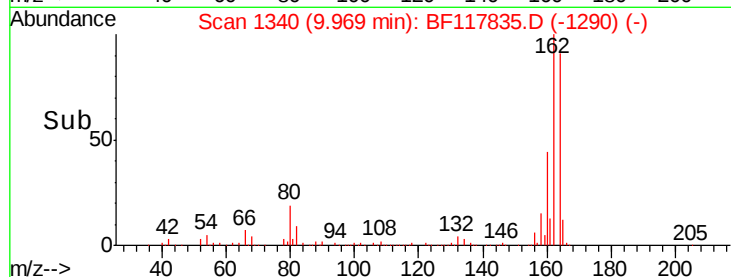
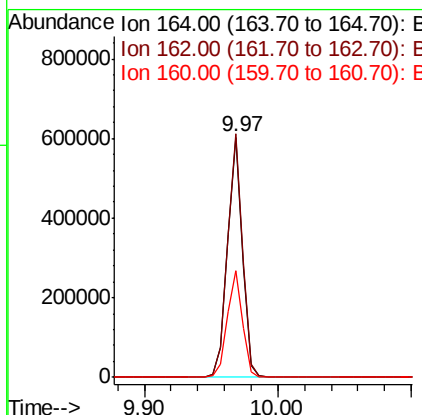
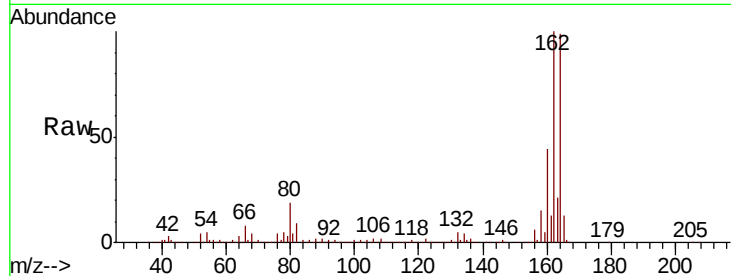
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 N35868

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	81.3	121.9	
160	44.5	36.6	55.0	

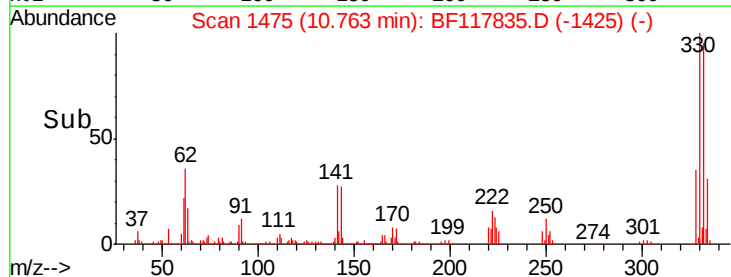
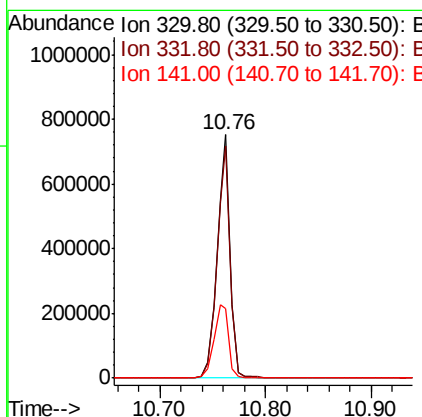
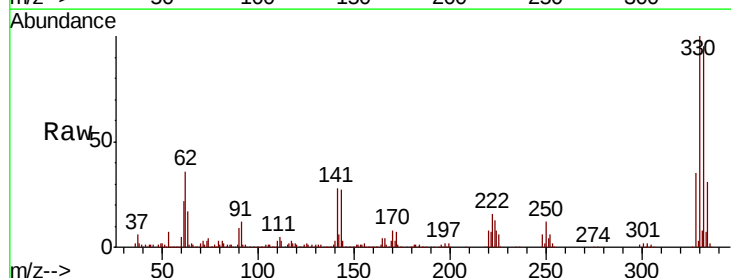
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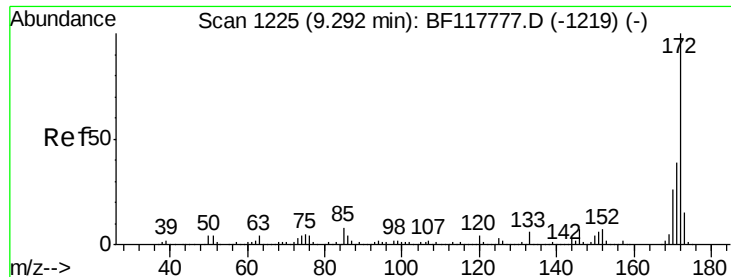
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#42
 2,4,6-Tribromophenol
 Concen: 128.655 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.7	115.1	
141	34.3	27.7	41.5	





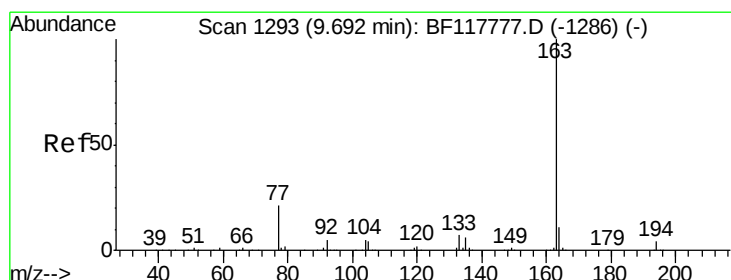
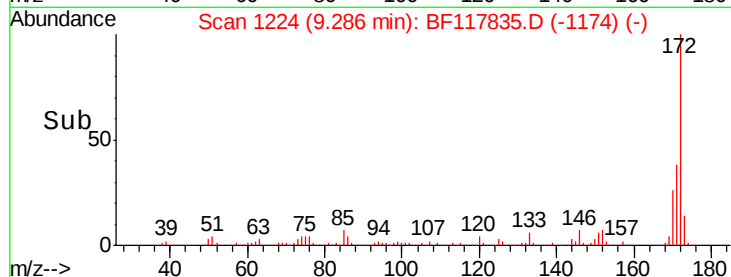
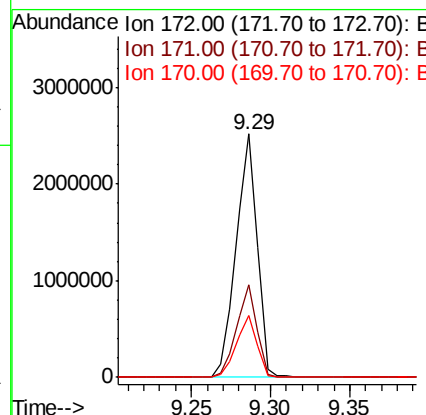
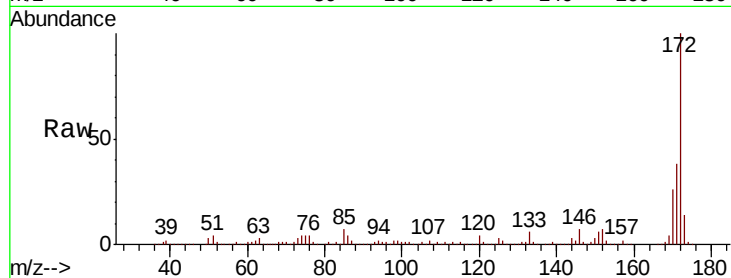
#45
2-Fluorobiphenyl
Concen: 87.116 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :
N35868

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.9	46.3
170	25.5	21.0	31.4

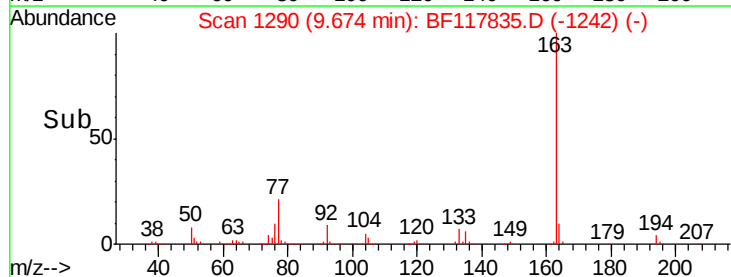
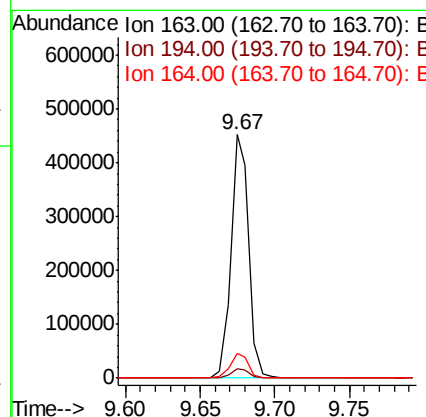
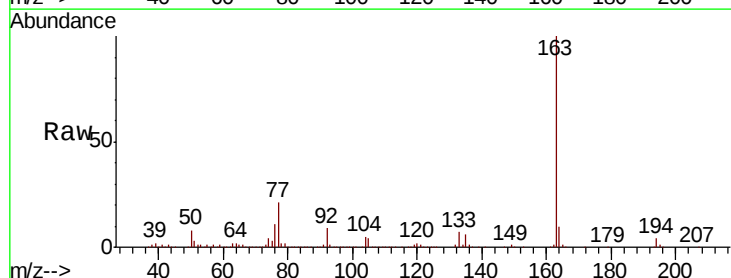
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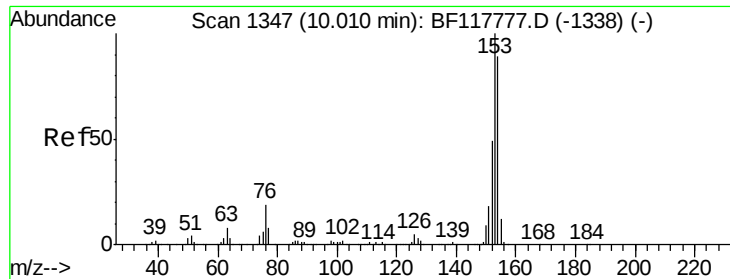
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#50
Dimethylphthalate
Concen: 11.310 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.2	8.7	13.1





#52

Acenaphthene

Concen: 2.571 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Instrument :

BNA_F

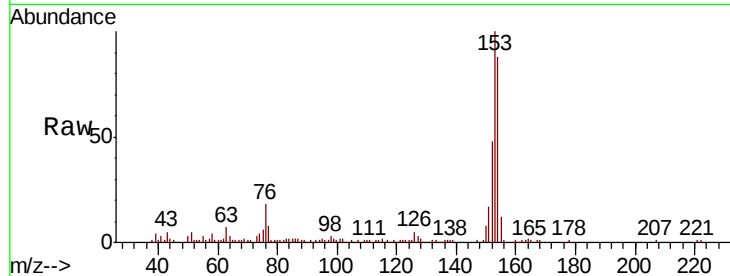
ClientSampleId :

N35868

Tot Ion:	154	Resp:	70521
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.1	135.1
152	55.1	44.0	66.0

Manual Integrations
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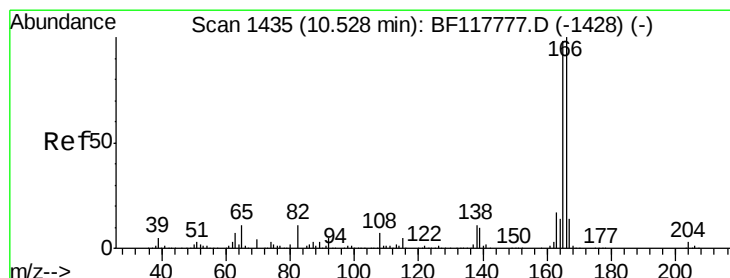
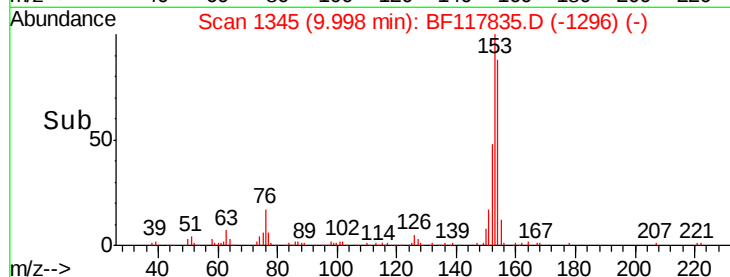
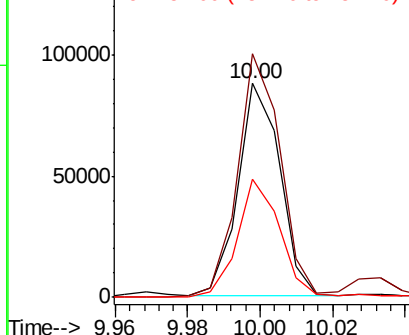


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 2.277 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

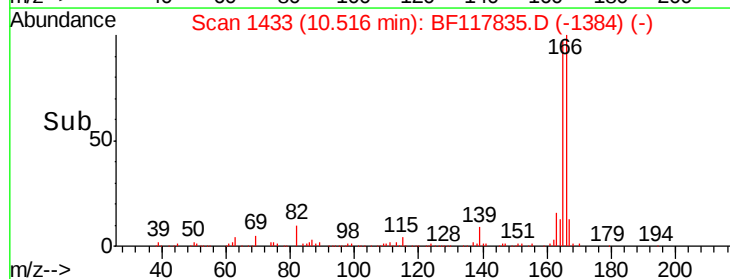
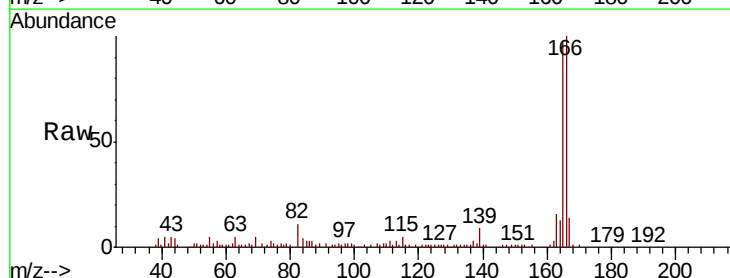
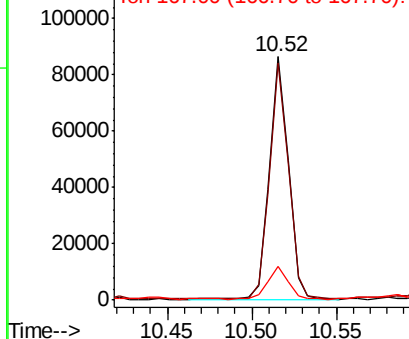
Tgt Ion:	166	Resp:	67040
Ion Ratio	Lower	Upper	
166	100		
165	97.3	78.4	117.6
167	13.7	11.0	16.4

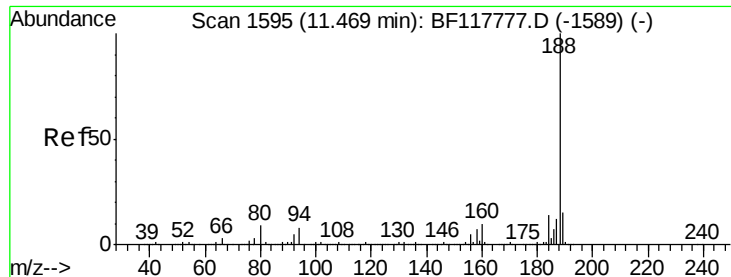
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





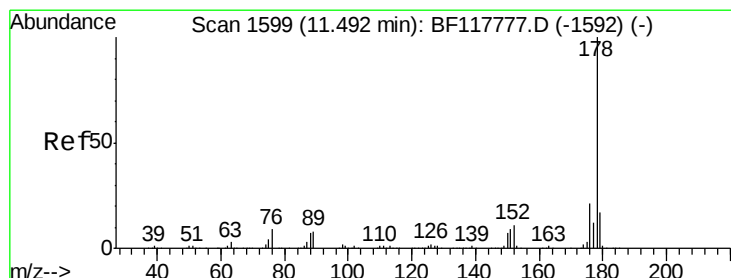
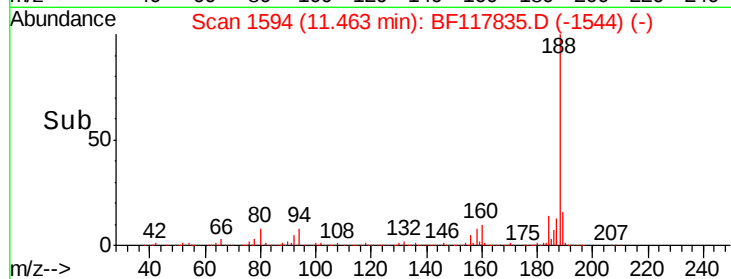
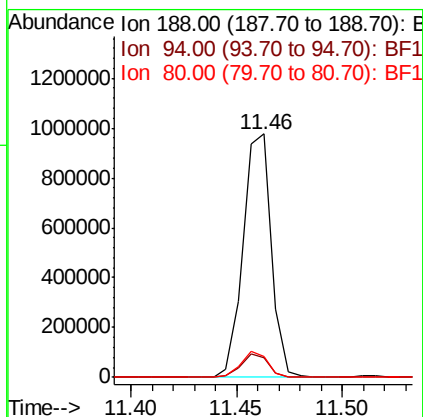
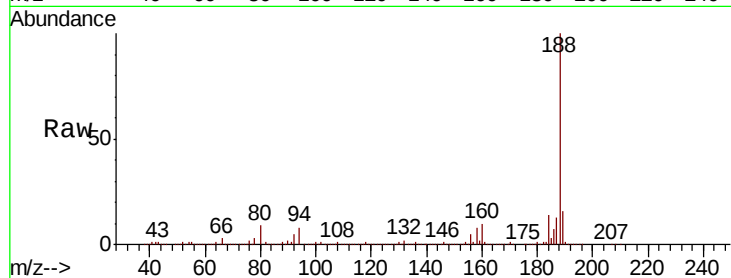
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :
N35868

Tot Ion	Ratio	Resp	Lower	Upper
188	100	902928		
94	8.2		6.6	10.0
80	8.5		7.2	10.8

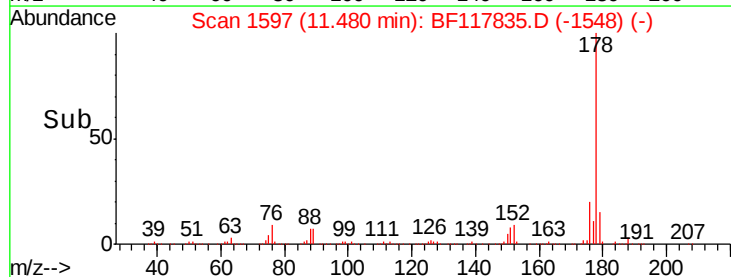
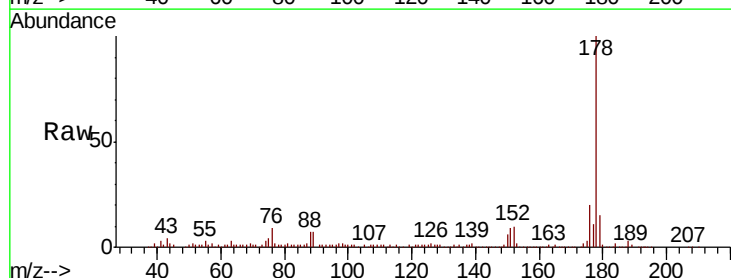
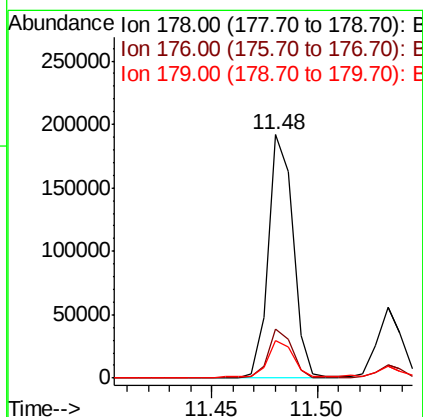
Manual Integrations
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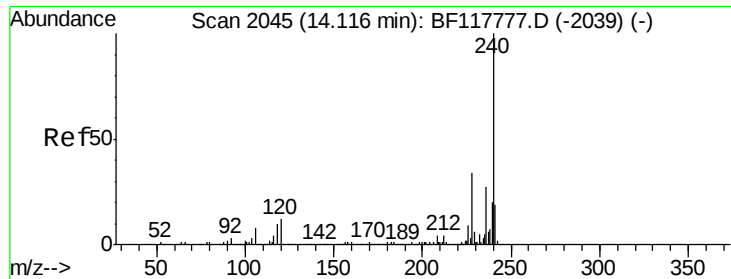
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#71
Phenanthrene
Concen: 3.485 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	158226		
176	19.9		16.6	25.0
179	15.4		13.2	19.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Instrument :

BNA_F

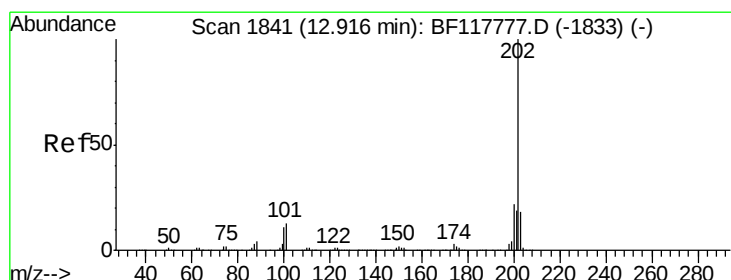
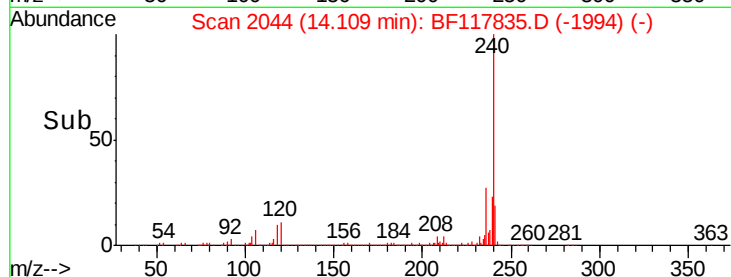
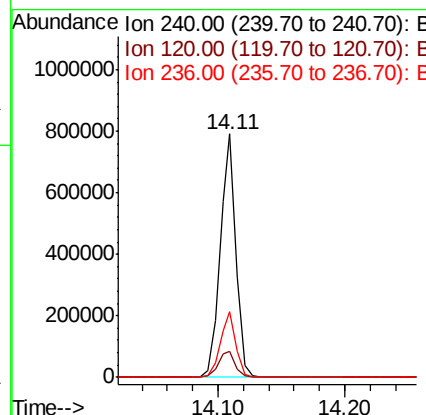
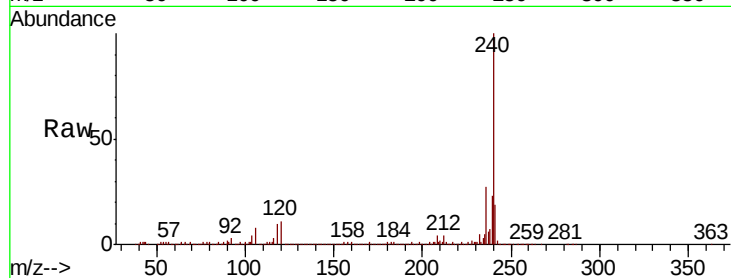
ClientSampleId :

N35868

Tot Ion:	240	Resp:	690849
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.5	14.3
236	26.9	21.3	31.9

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#78

Pyrene

Concen: 2.537 ng

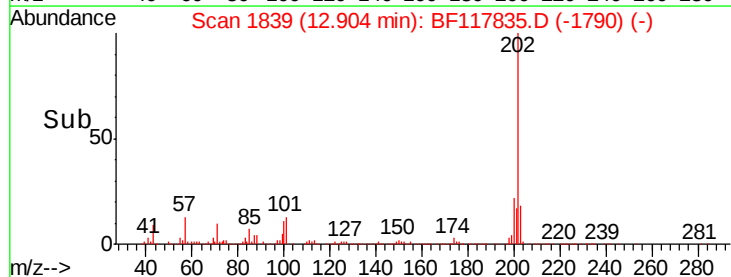
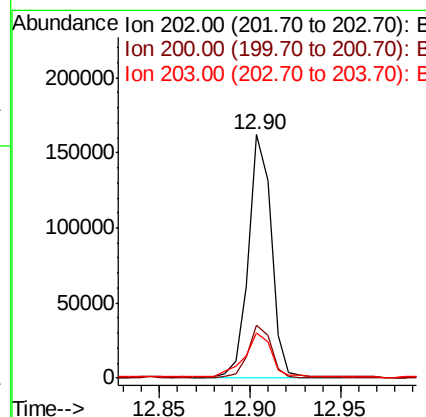
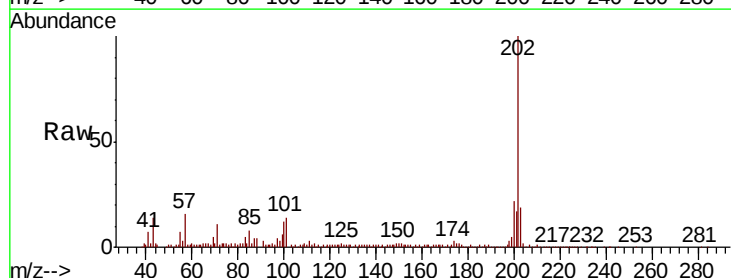
RT: 12.90 min Scan# 1839

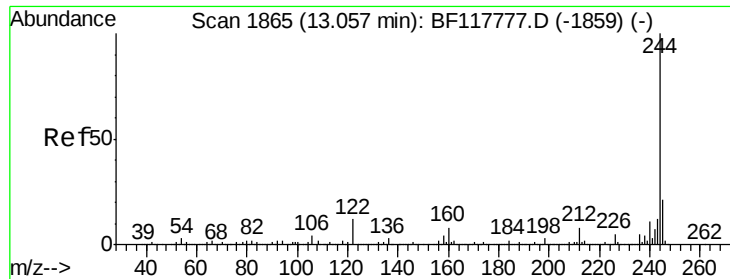
Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Tgt Ion:	202	Resp:	141642
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.8
203	18.5	14.6	22.0





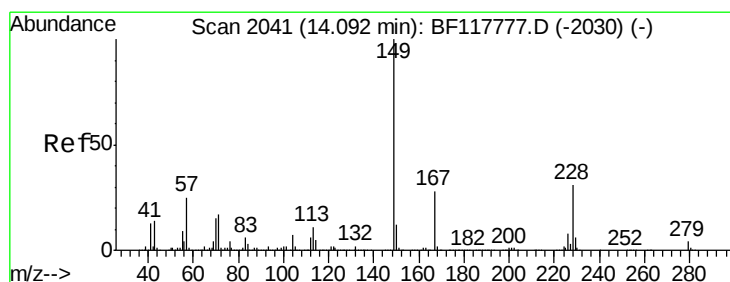
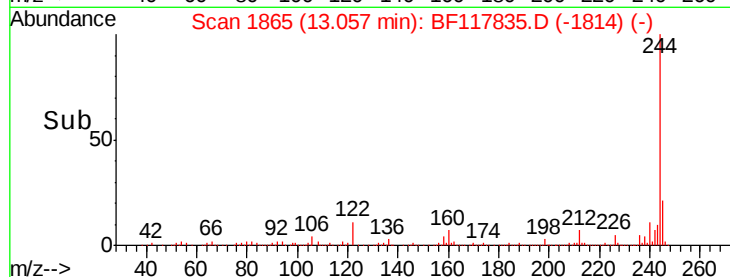
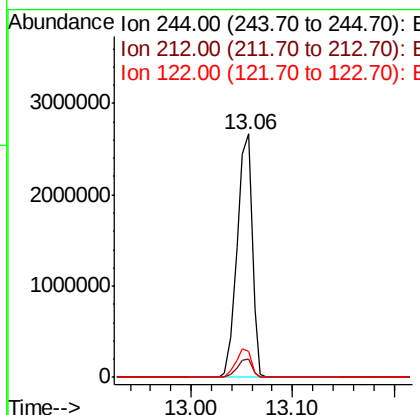
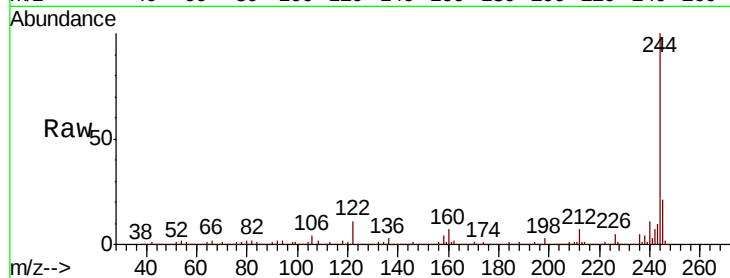
#79
 Terphenyl-d14
 Concen: 73.070 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 N35868

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	10.9	9.4	14.2

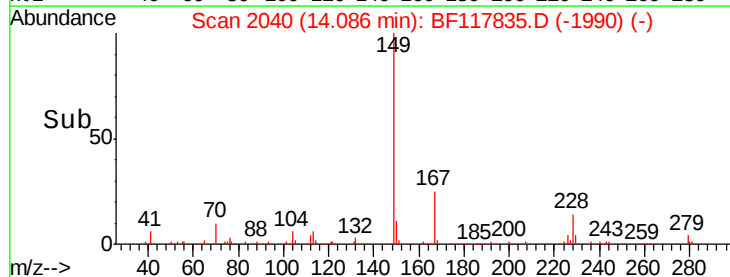
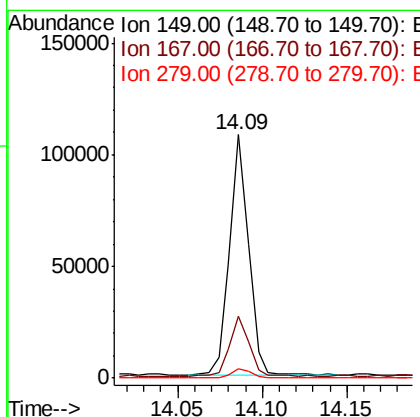
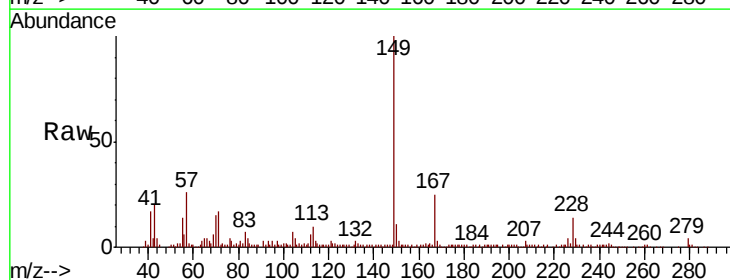
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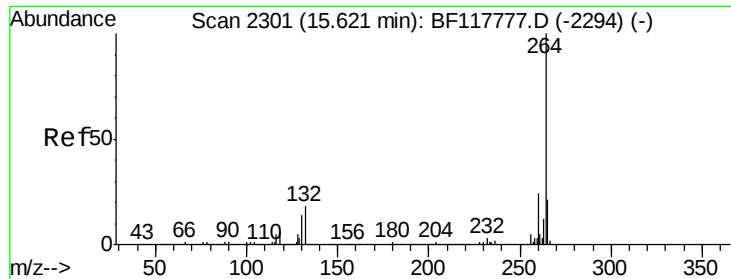
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.873 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.2	33.2
279	3.8	3.4	5.2





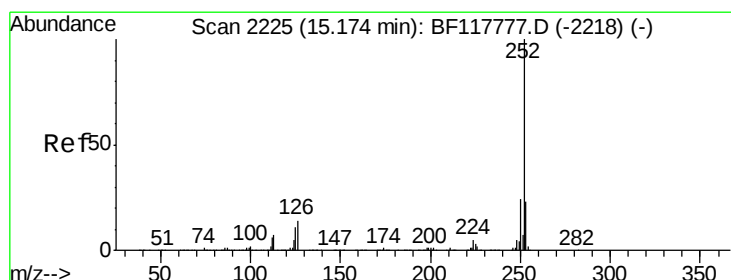
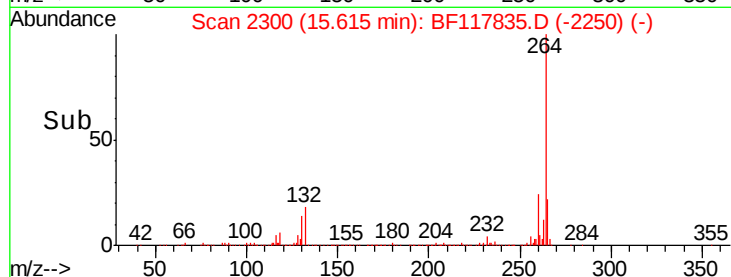
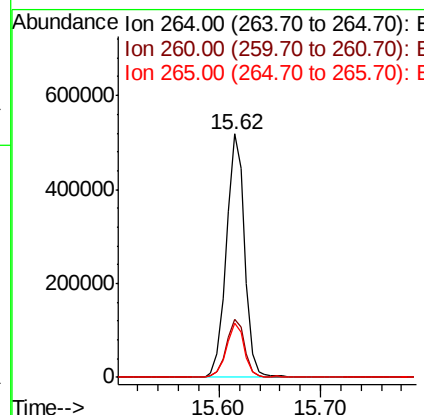
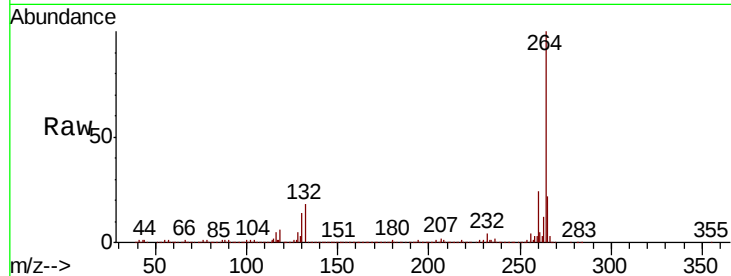
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :
N35868

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.2	17.1	25.7

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#88
Benzo(b)fluoranthene
Concen: 2.422 ng m
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.8	8.6	13.0

