

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117878.D
 Acq On : 20 Nov 2019 3:00
 Operator : JU
 Sample : K5908-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8D-(12-18)

Manual Integrations
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mohammad
 11/21/2019 9:03:52 AM

Quant Time: Nov 20 03:47:56 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	182244	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	672077	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	315710	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	502729	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	387010	20.00	ng	-0.01
87) Perylene-d12	15.61	264	330936	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1108833	107.70	ng	0.00
7) Phenol-d6	6.54	99	1374025	110.65	ng	0.00
23) Nitrobenzene-d5	7.47	82	833144	73.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	309903	92.72	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1495538	84.98	ng	-0.01
79) Terphenyl-d14	13.04	244	1318522	62.27	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	78446	6.079	ng	83
50) Dimethylphthalate	9.67	163	247327	11.172	ng	98
71) Phenanthrene	11.48	178	78814	3.118	ng	97
78) Pyrene	12.90	202	76324	2.440	ng	98
84) Bis(2-ethylhexyl)phthalate	14.08	149	218375	13.409	ng	96
88) Benzo(b)fluoranthene	15.16	252	46608m	2.168	ng	

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

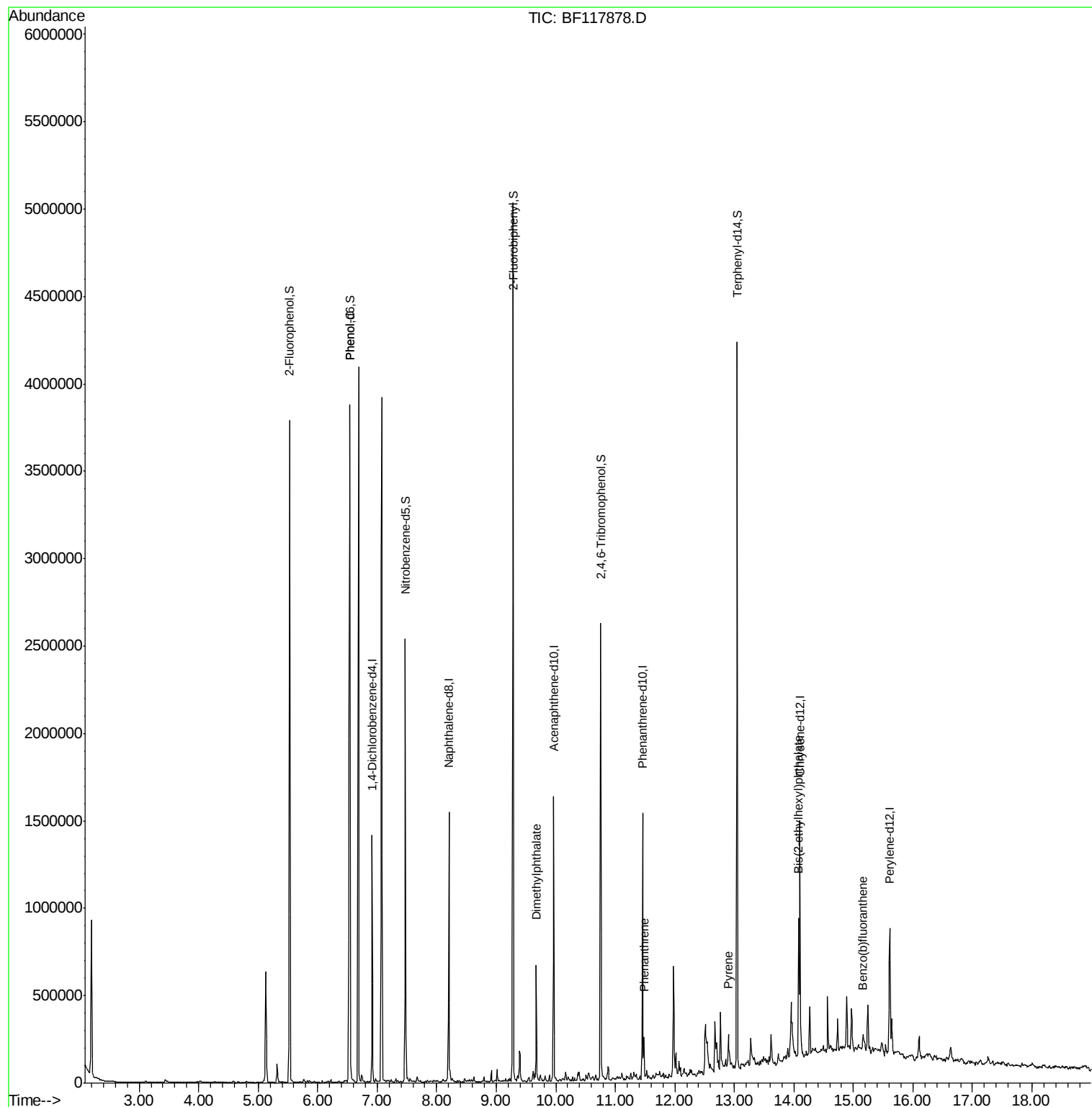
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
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ALS Vial : 26 Sample Multiplier: 1

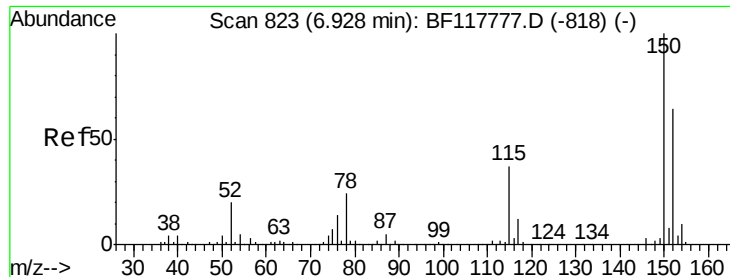
Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

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Quant Time: Nov 20 03:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

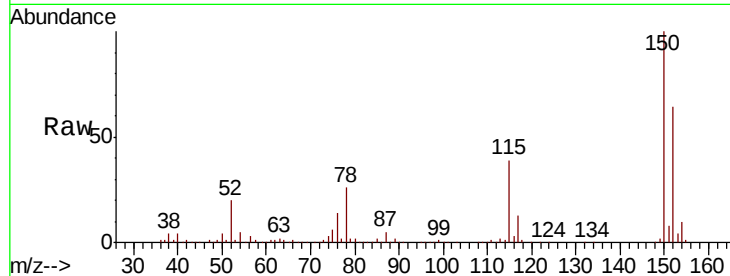
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	59.8	47.0	70.4

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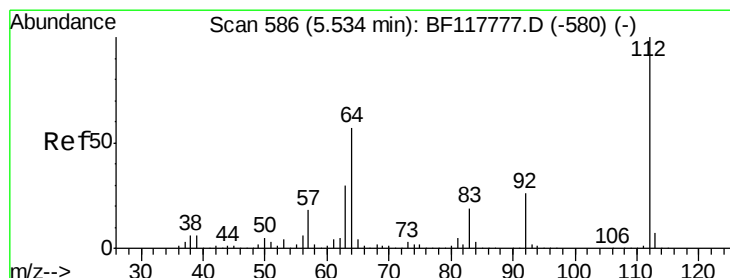
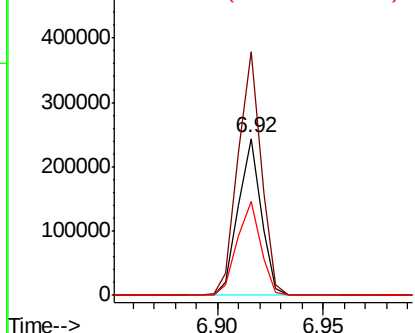
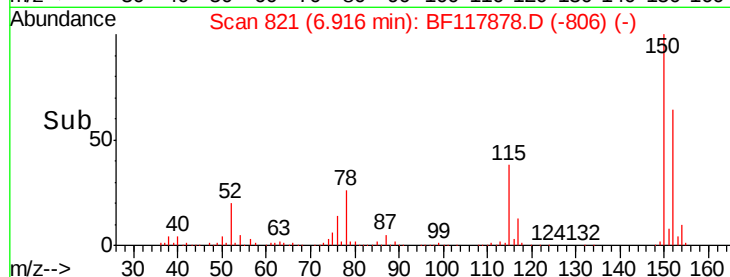


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

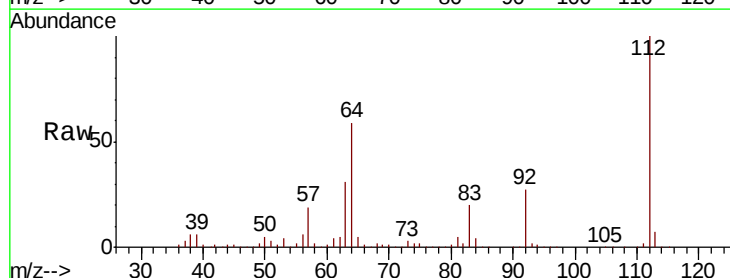
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.699 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.6	68.4
63	31.2	24.1	36.1

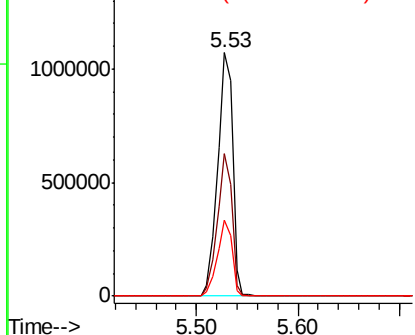
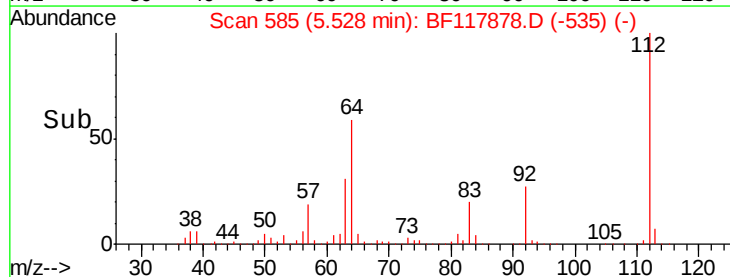


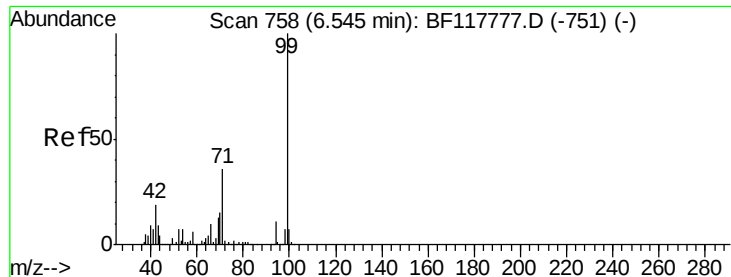
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 110.646 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

Instrument :

BNA_F

ClientSampleId :

B-8D-(12-18)

Tot Ion: 99 Resp: 1374025

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

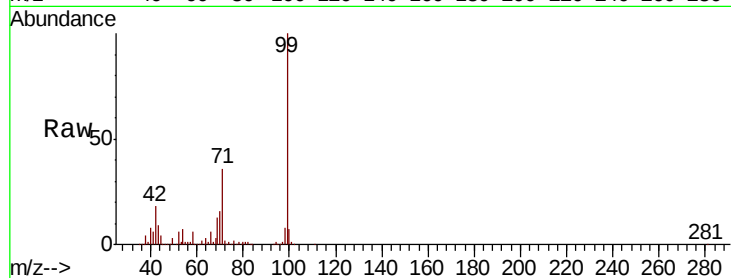
71 36.2 28.6 43.0

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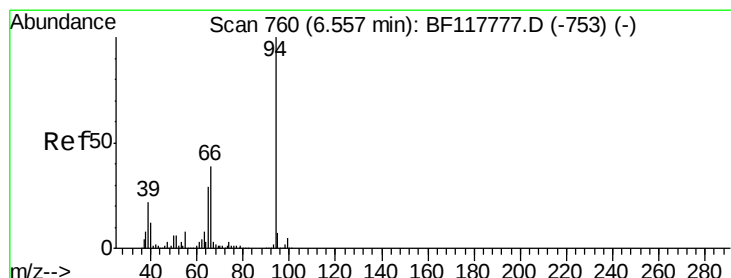
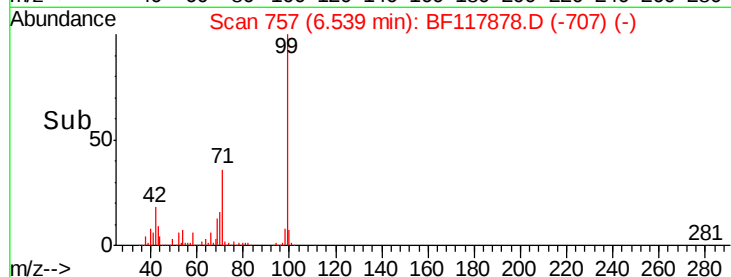
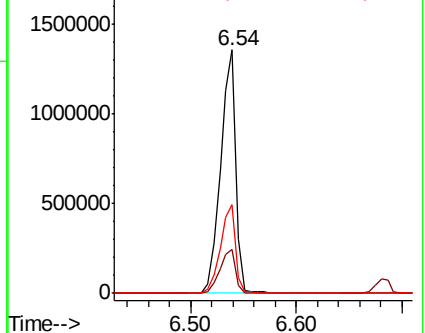
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.079 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

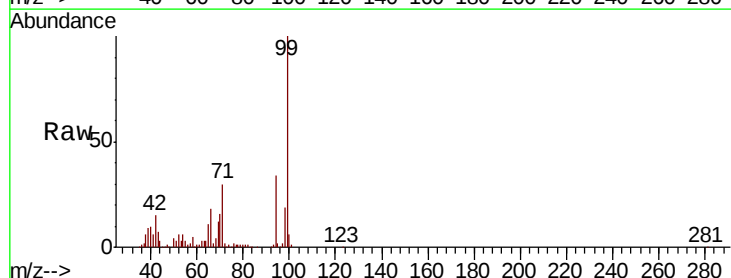
Tgt Ion: 94 Resp: 78446

Ion Ratio Lower Upper

94 100

65 31.8 8.9 48.9

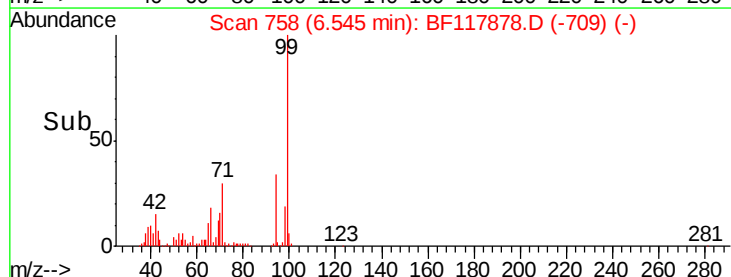
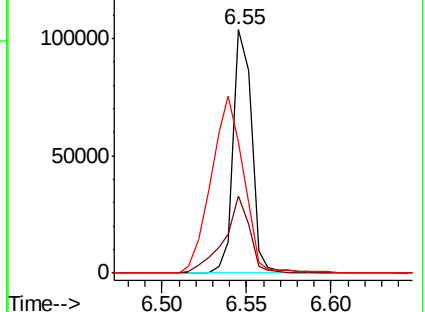
66 53.8 18.7 58.7

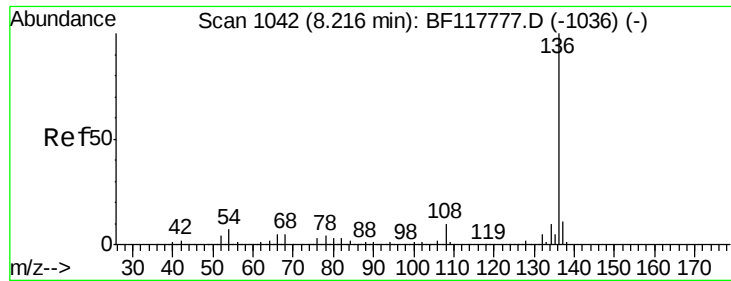


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

Instrument :

BNA_F

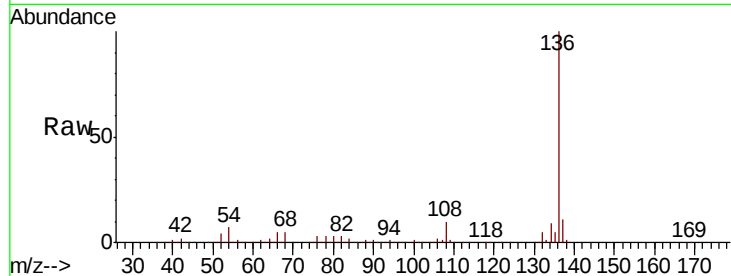
ClientSampleId :

B-8D-(12-18)

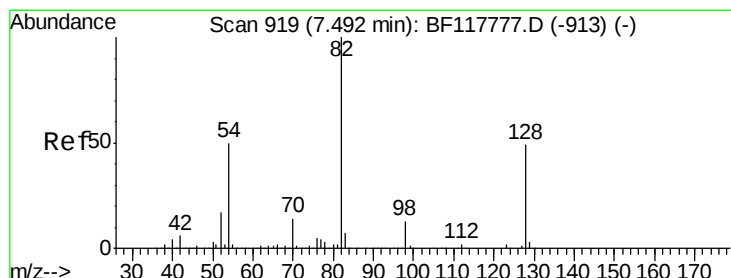
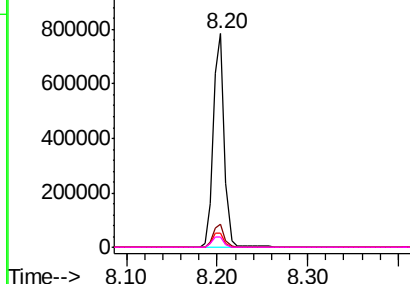
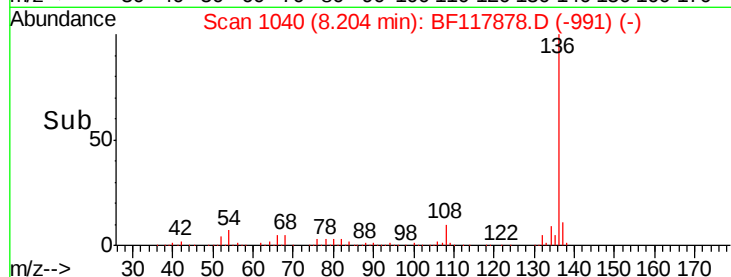
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		672077		
137	10.8	9.0	13.4		
54	6.6	5.4	8.2		
68	5.0	4.3	6.5		

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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: 73.692 ng

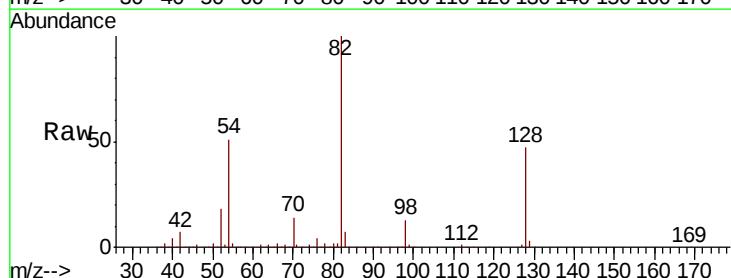
RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

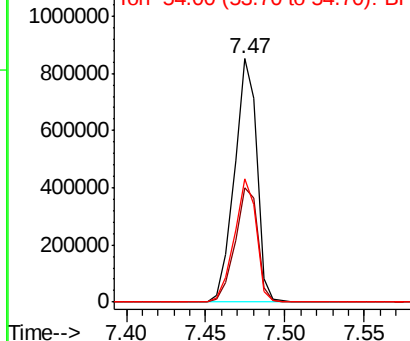
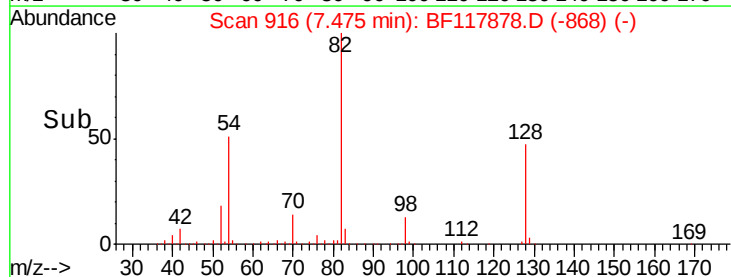
Lab File: BF117878.D

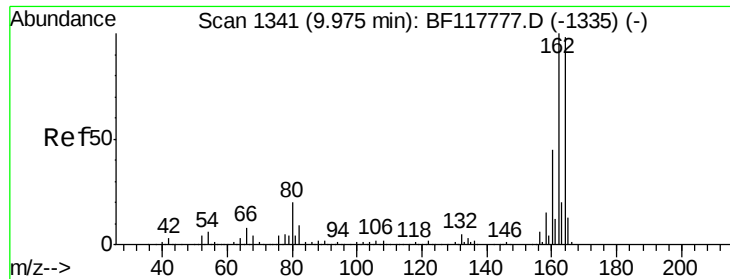
Acq: 20 Nov 2019 3:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		833144		
128	46.8	38.9	58.3		
54	50.9	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





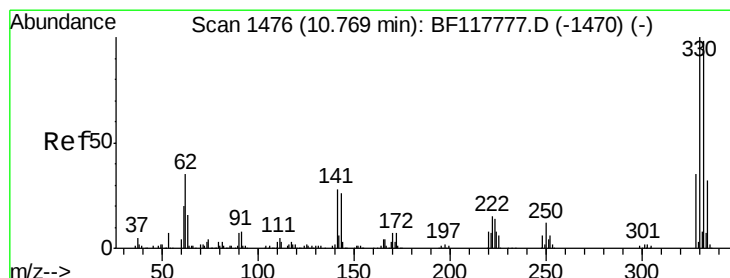
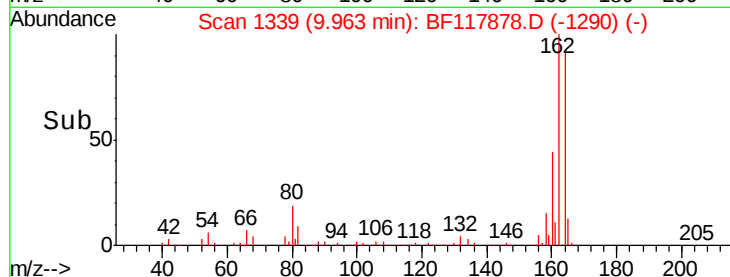
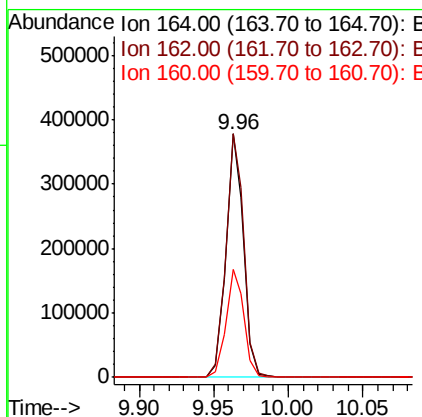
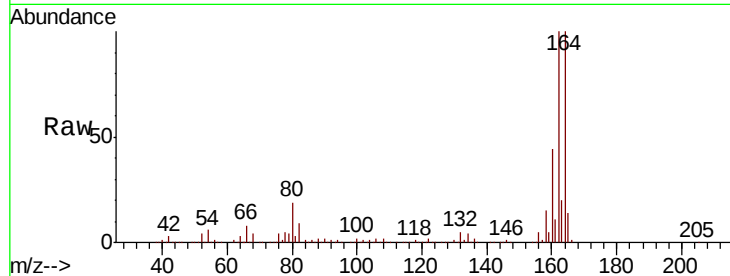
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.9	81.3	121.9	
160	44.2	36.6	55.0	

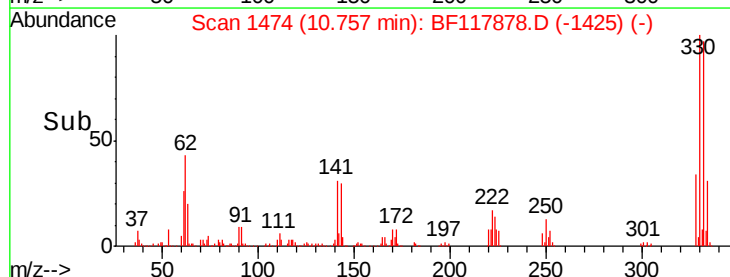
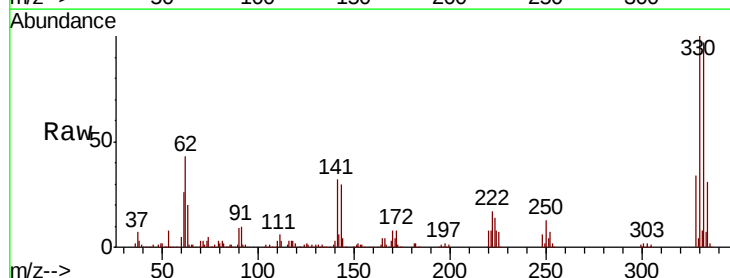
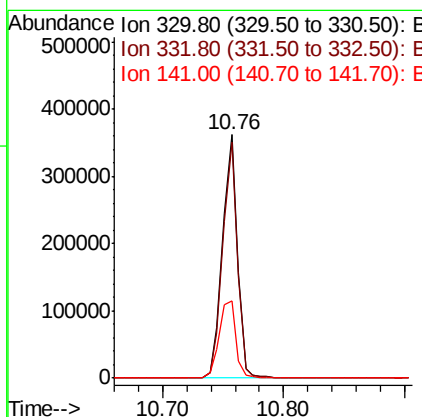
Manual Integrations
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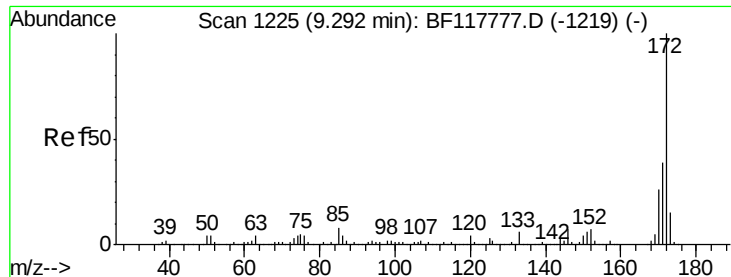
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#42
2,4,6-Tribromophenol
Concen: 92.719 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.7	115.1	
141	34.8	27.7	41.5	





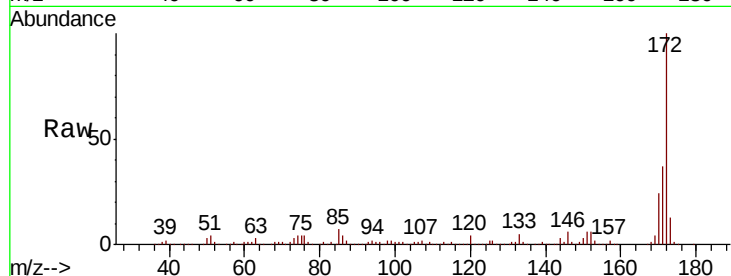
#45
2-Fluorobiphenyl
Concen: 84.985 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	30.9	46.3	
170	24.1	21.0	31.4	

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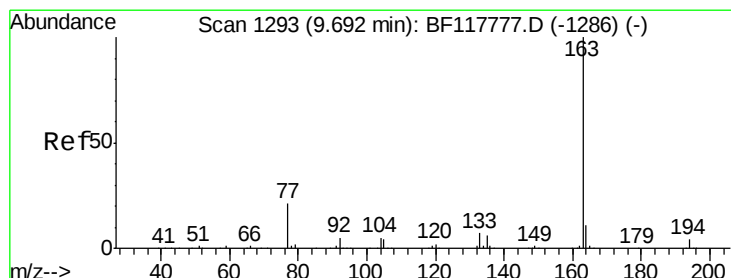
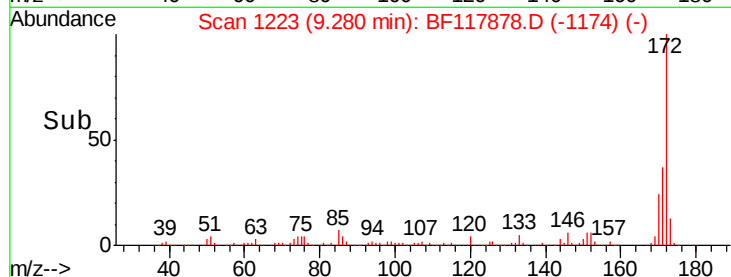
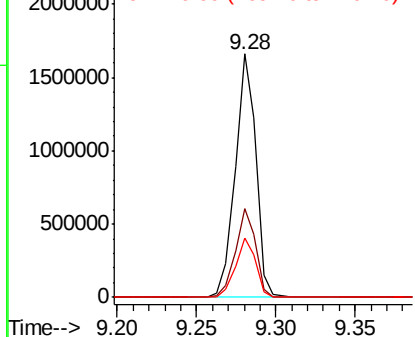


Abundance

Ion 172.00 (171.70 to 172.70): E

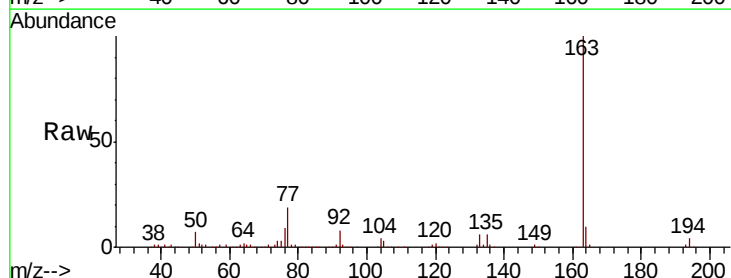
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 11.172 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	3.3	4.9	
164	9.7	8.7	13.1	

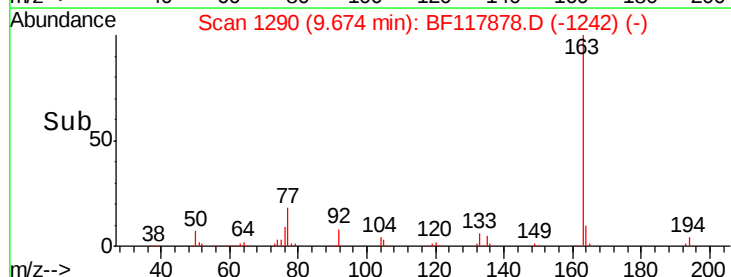
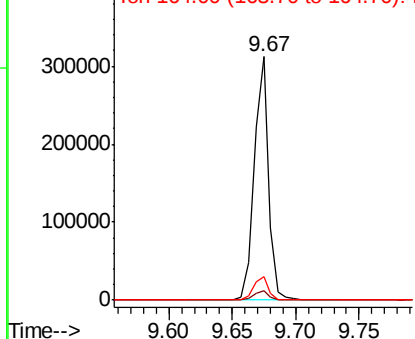


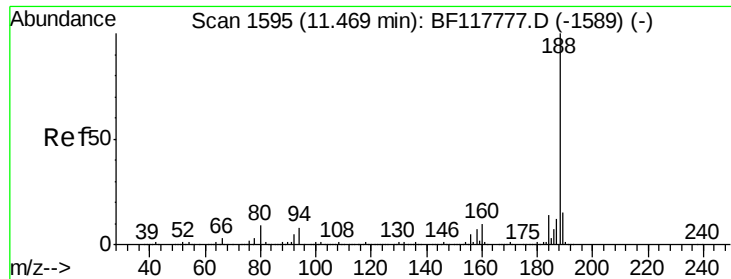
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

Instrument :

BNA_F

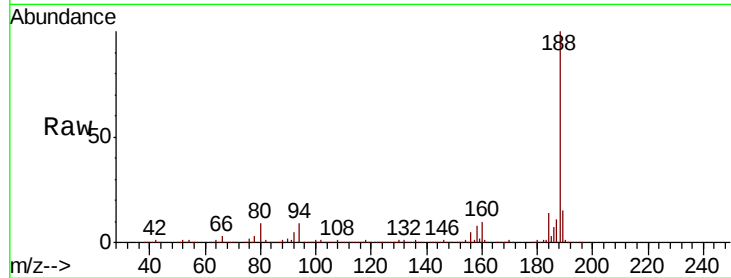
ClientSampleId :

B-8D-(12-18)

Tot Ion:188	Resp:	502729
Ion Ratio	Lower	Upper
188 100		
94 8.7	6.6	10.0
80 9.3	7.2	10.8

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.46

800000

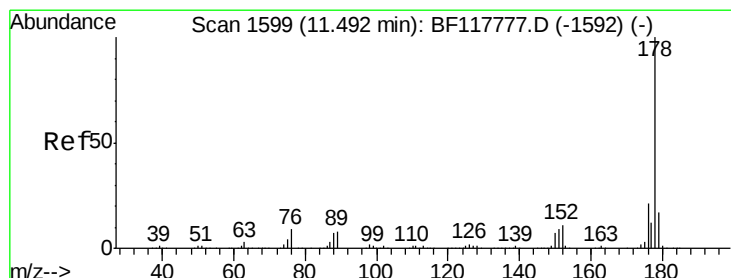
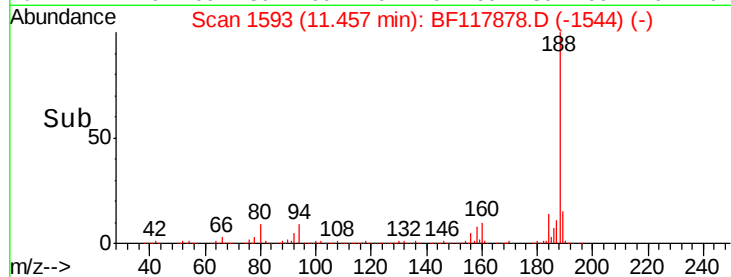
600000

400000

200000

0

Time-->



#71

Phenanthrene

Concen: 3.118 ng

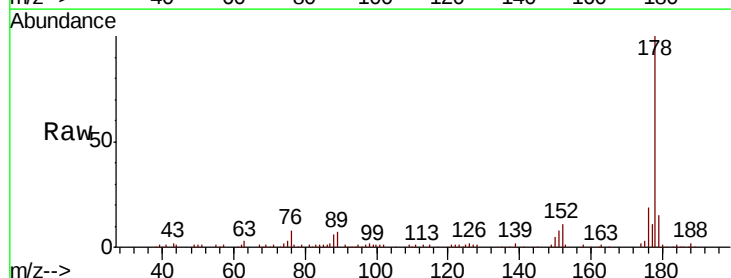
RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

Tgt Ion:178	Resp:	78814
Ion Ratio	Lower	Upper
178 100		
176 19.3	16.6	25.0
179 15.3	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

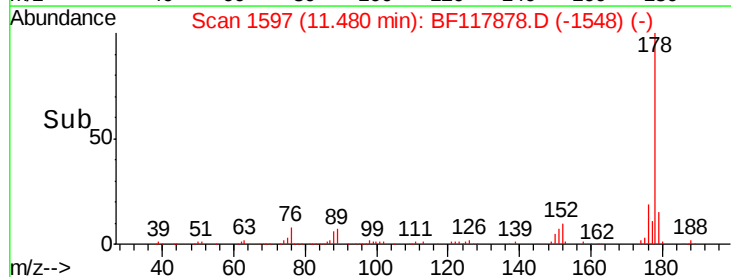
11.48

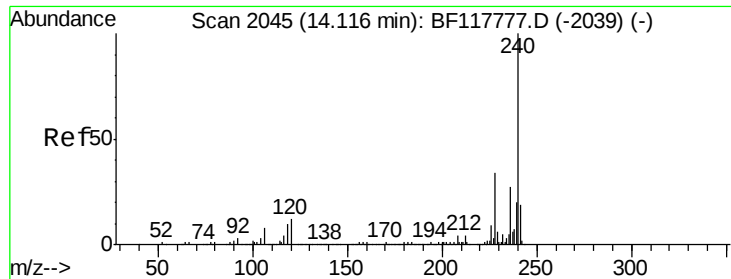
100000

50000

0

Time-->





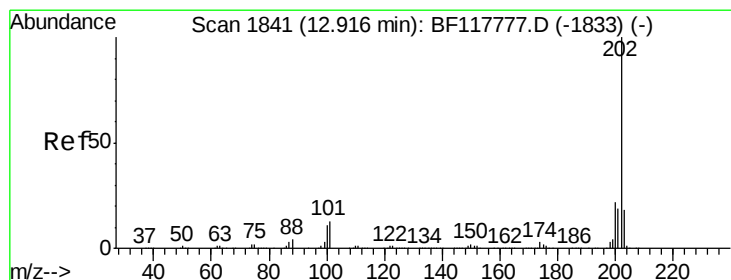
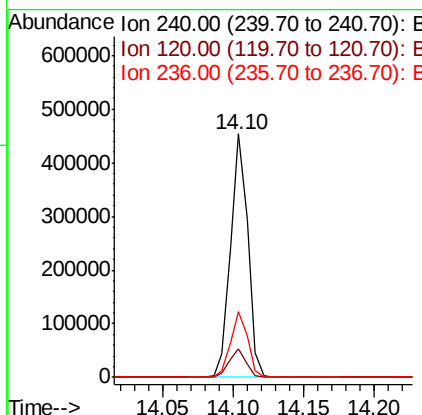
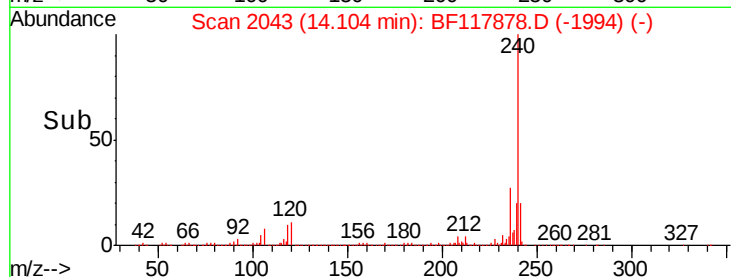
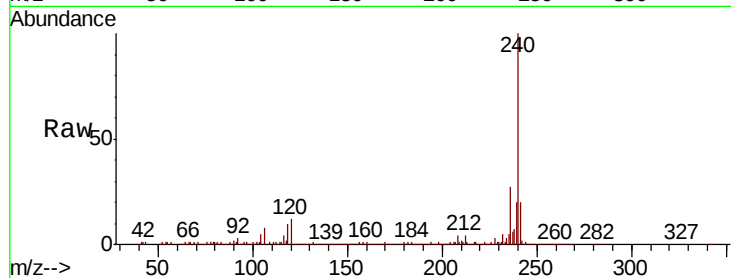
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	27.0	21.3	31.9

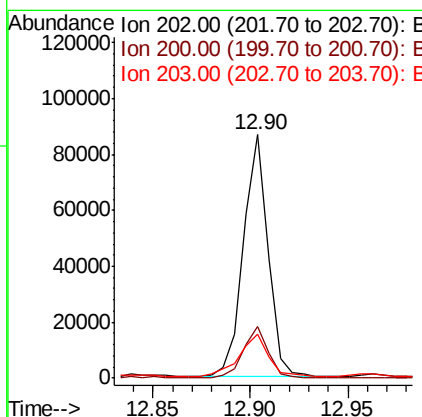
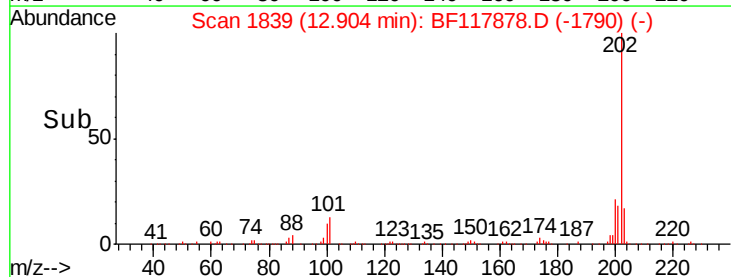
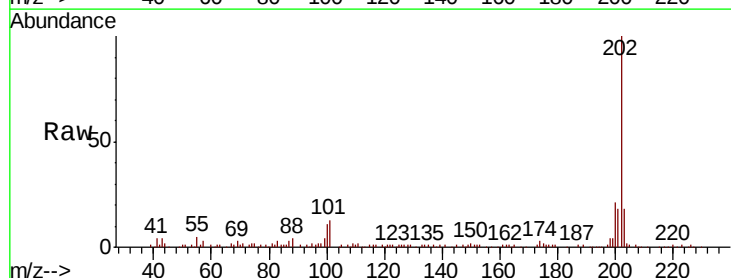
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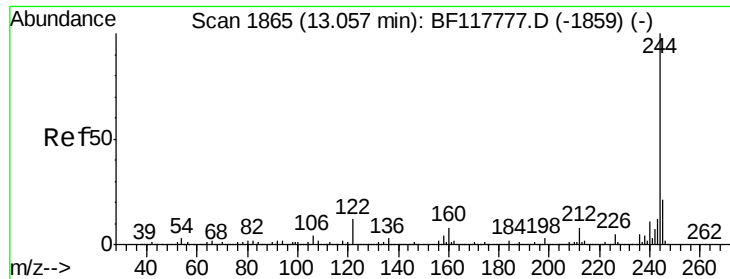
mohammad
11/21/2019 9:03:52 AM



#78
Pyrene
Concen: 2.440 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117878.D
Acq: 20 Nov 2019 3:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	18.1	14.6	22.0





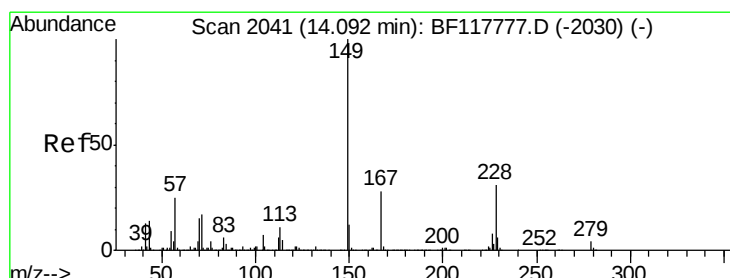
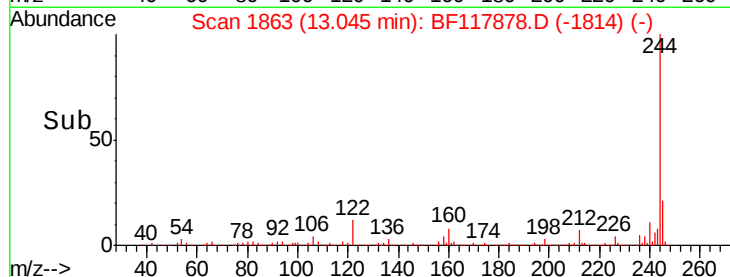
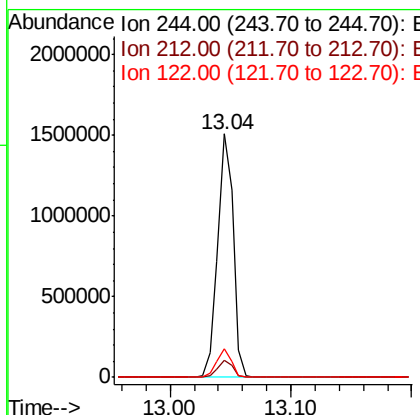
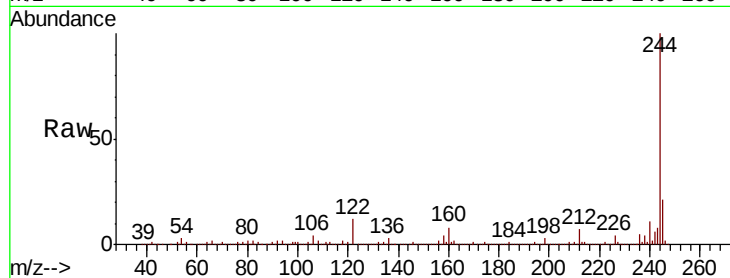
#79
 Terphenyl-d14
 Concen: 62.266 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117878.D
 Acq: 20 Nov 2019 3:00

Instrument :
 BNA_F
 ClientSampleID :
 B-8D-(12-18)

Tot Ion:244 Resp: 1318522
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.6 9.4 14.2

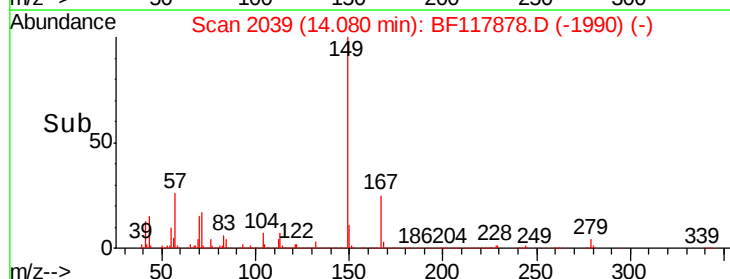
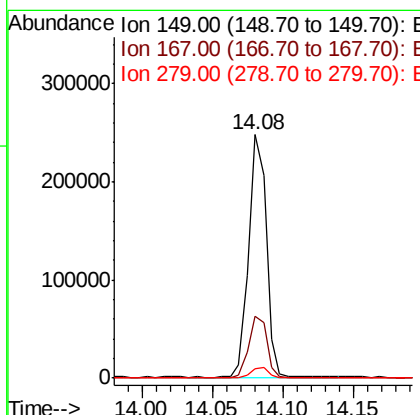
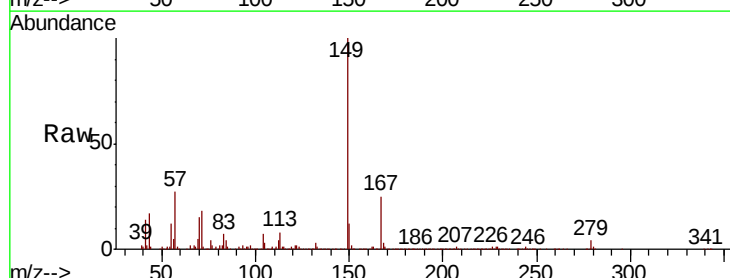
Manual Integrations
 APPROVED

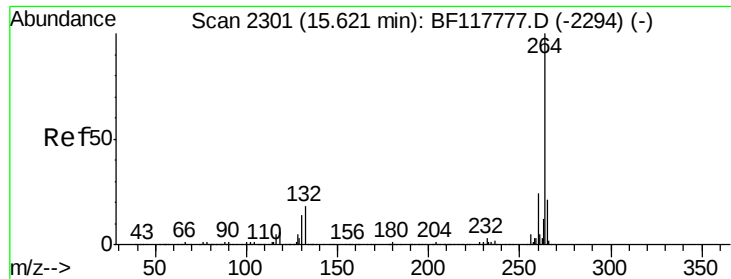
mohammad
 11/21/2019 9:03:52 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.409 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF117878.D
 Acq: 20 Nov 2019 3:00

Tgt Ion:149 Resp: 218375
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.2 33.2
 279 3.7 3.4 5.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

Instrument :

BNA_F

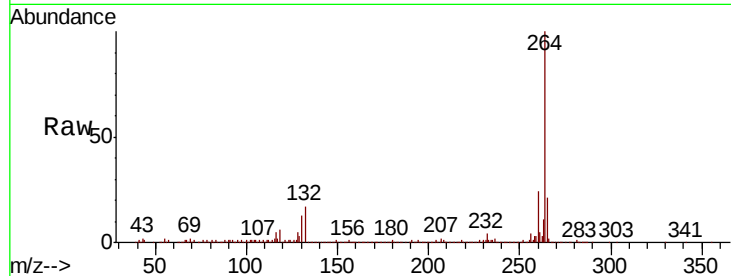
ClientSampleId :

B-8D-(12-18)

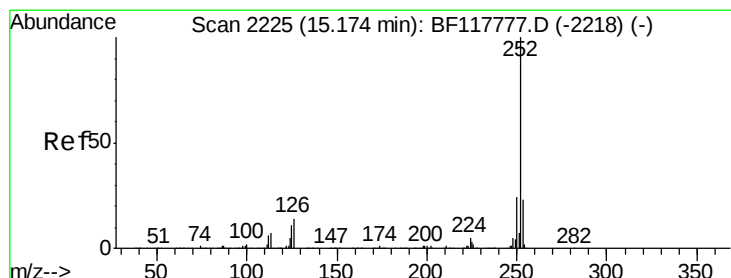
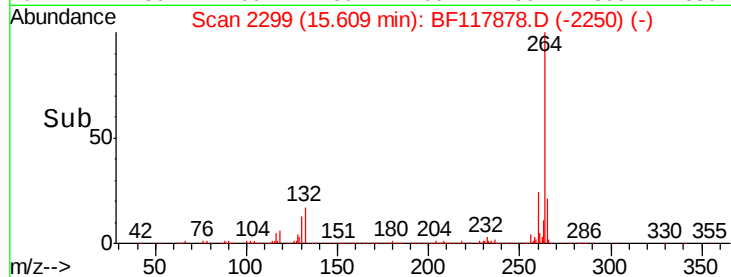
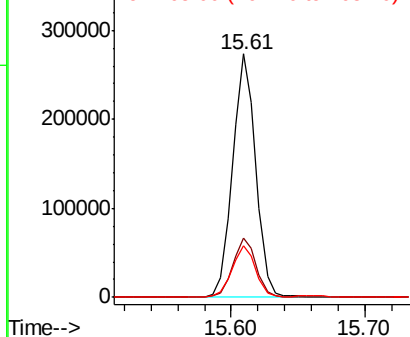
Tot Ion:	264	Resp:	330936
Ion Ratio		Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.2	17.1	25.7

Manual Integrations
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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



#88

Benzo(b)fluoranthene

Concen: 2.168 ng m

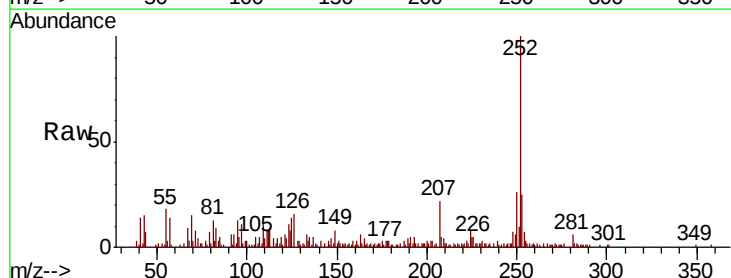
RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117878.D

Acq: 20 Nov 2019 3:00

Tgt Ion:	252	Resp:	46608
Ion Ratio		Lower	Upper
252	100		
253	25.2	18.0	27.0
125	14.4	8.6	13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

