

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117844.D
 Acq On : 18 Nov 2019 19:20
 Operator : JU
 Sample : K5865-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-(2-4)

Manual Integrations
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Quant Time: Nov 19 00:22:49 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	235737	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	897181	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	443248	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	689637	20.00	ng	0.00
76) Chrysene-d12	14.11	240	474406	20.00	ng	0.00
87) Perylene-d12	15.63	264	535880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	162152	12.18	ng	0.00
7) Phenol-d6	6.53	99	1185926	73.83	ng	-0.01
23) Nitrobenzene-d5	7.48	82	888753	58.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	19790	4.22	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1633450	66.11	ng	0.00
79) Terphenyl-d14	13.05	244	1306566	50.33	ng	0.00
Target Compounds						
10) Phenol	6.55	94	115290	6.907	ng	94
50) Dimethylphthalate	9.67	163	247515	7.963	ng	99
71) Phenanthrene	11.49	178	133901	3.862	ng	95
78) Pyrene	12.91	202	143459	3.742	ng	98
83) Chrysene	14.13	228	62325	2.052	ng	96
88) Benzo(b)fluoranthene	15.17	252	78901m	2.266	ng	

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

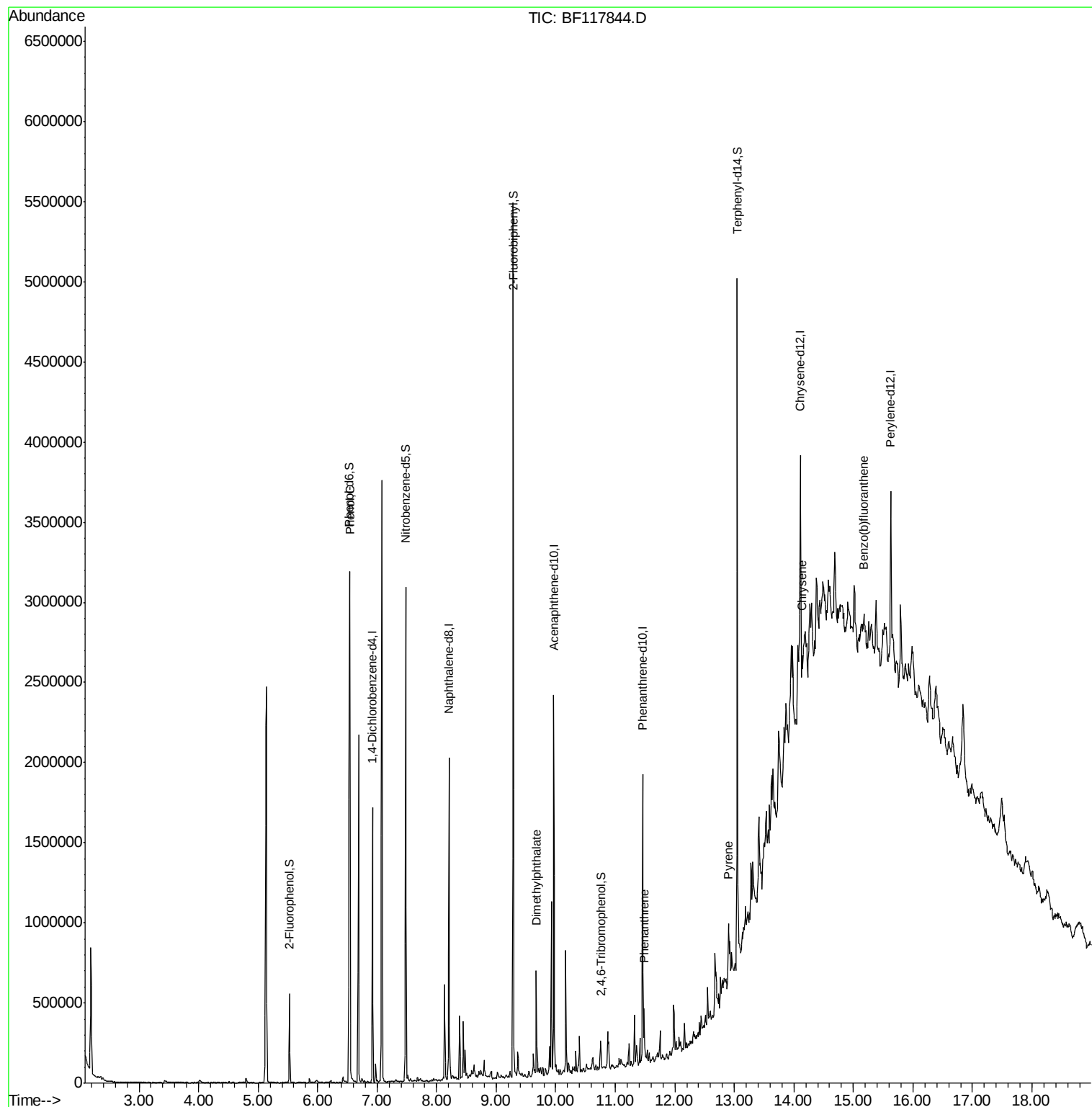
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

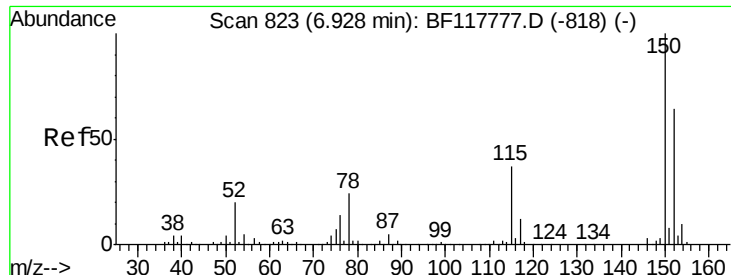
Instrument :
BNA_F
ClientSampleId :
4-(2-4)

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Quant Time: Nov 19 00:22:49 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





#1

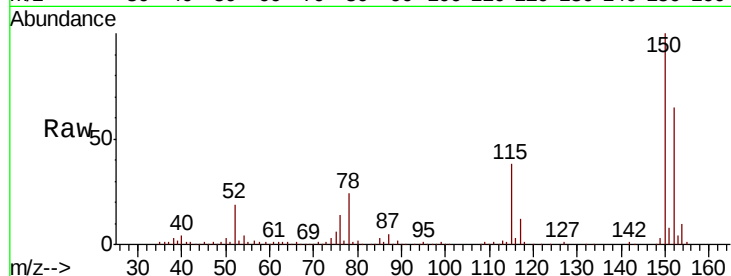
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF117844.D
 Acq: 18 Nov 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 4-(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	58.2	47.0	70.4

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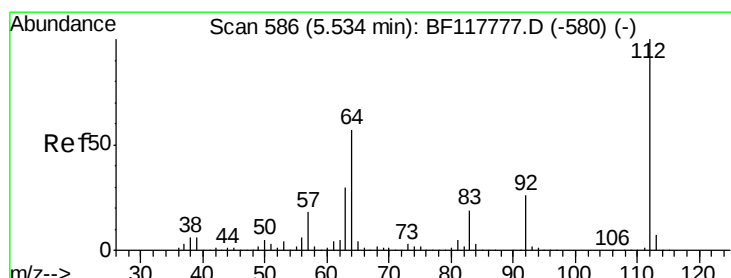
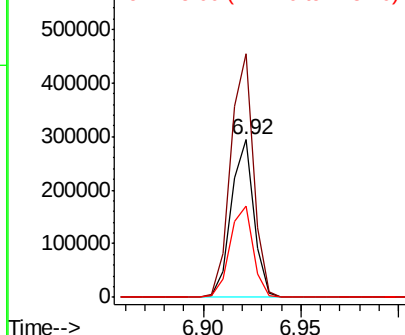
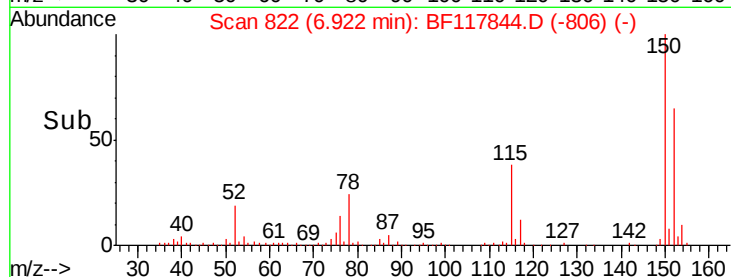


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

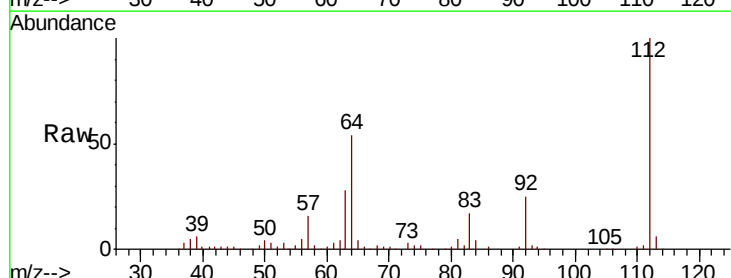
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 12.176 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117844.D
 Acq: 18 Nov 2019 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.6	68.4
63	27.7	24.1	36.1

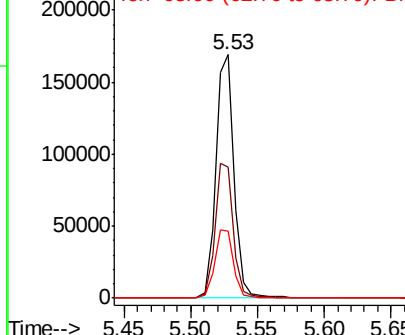
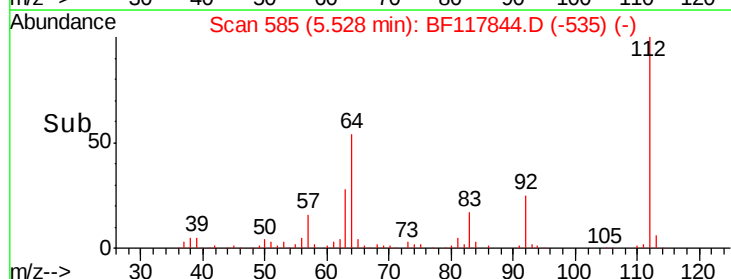


Abundance

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: 73.828 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117844.D

Acq: 18 Nov 2019 19:20

Instrument :

BNA_F

ClientSampleId :

4-(2-4)

Tot Ion: 99 Resp: 1185926

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

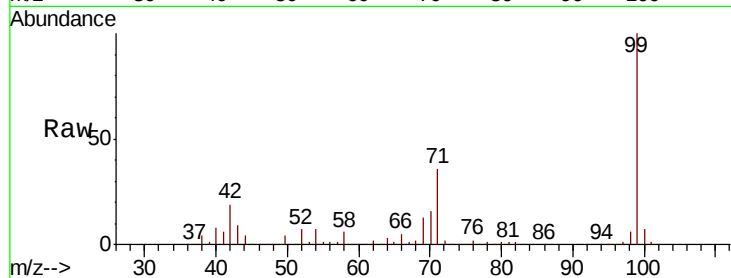
71 35.6 28.6 43.0

Manual Integrations

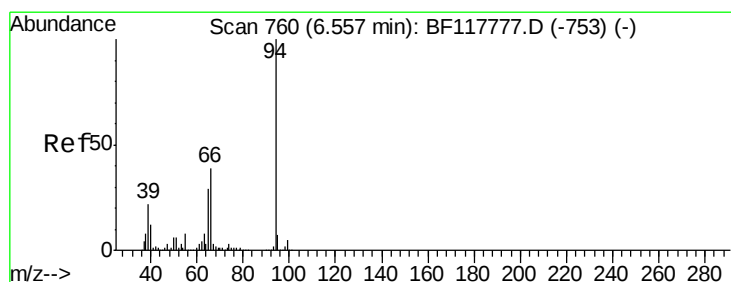
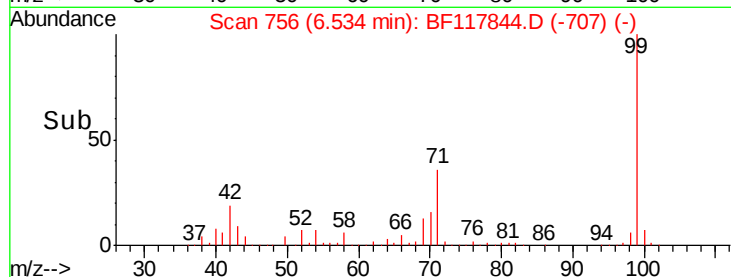
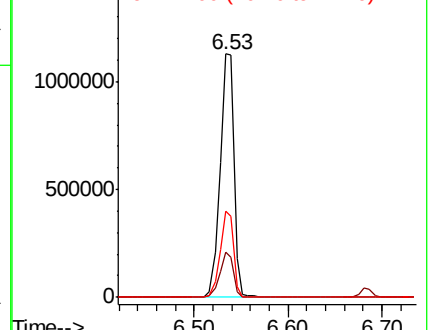
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.907 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117844.D

Acq: 18 Nov 2019 19:20

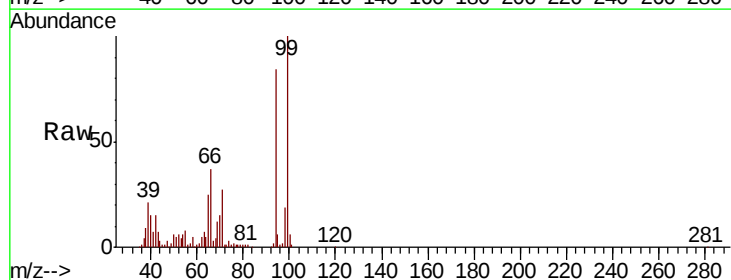
Tgt Ion: 94 Resp: 115290

Ion Ratio Lower Upper

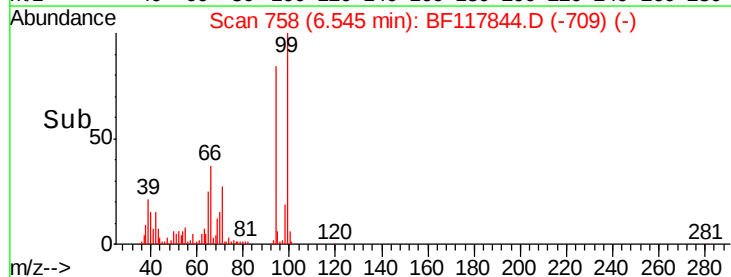
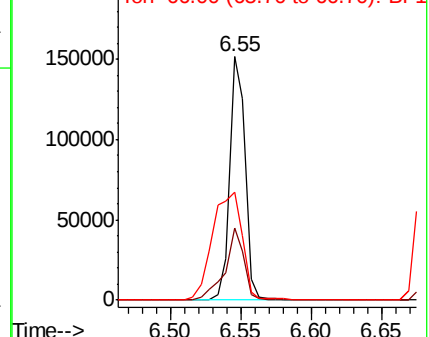
94 100

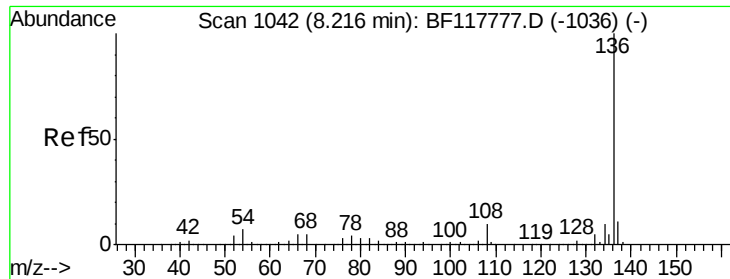
65 29.5 8.9 48.9

66 44.4 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: BF117844.D

Acq: 18 Nov 2019 19:20

Instrument :

BNA_F

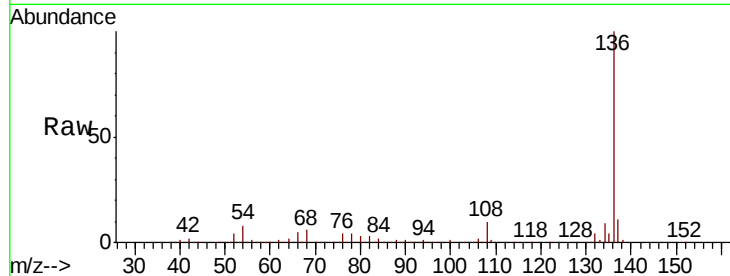
ClientSampleId :

4-(2-4)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		897181		
137	11.1	9.0	13.4		
54	7.6	5.4	8.2		
68	6.1	4.3	6.5		

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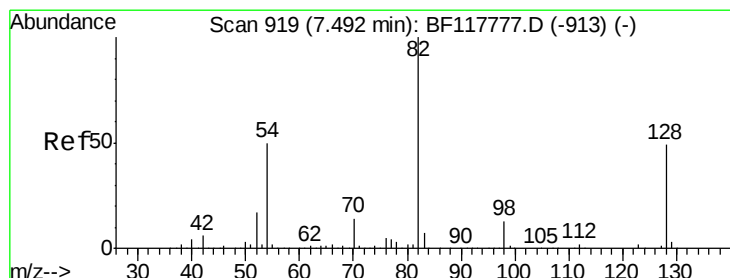
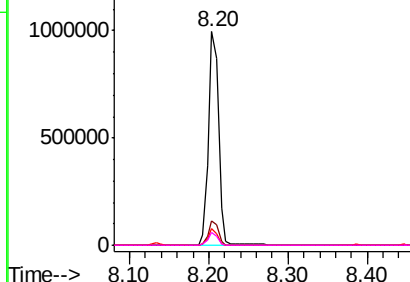
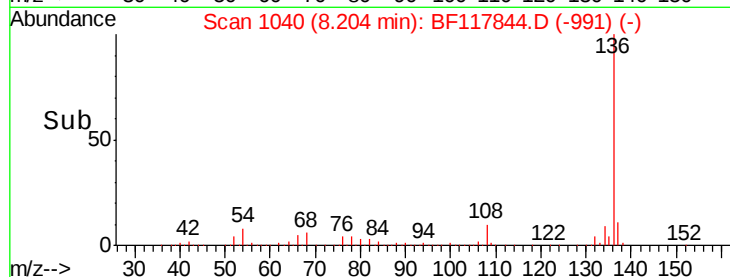


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.887 ng

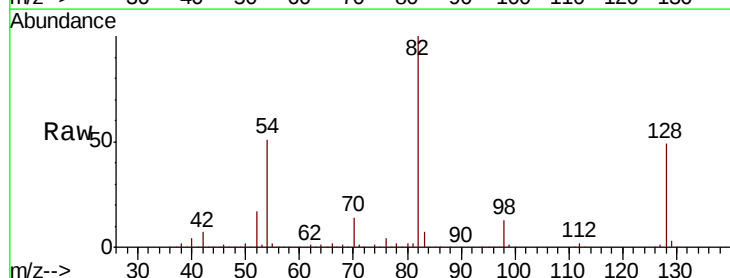
RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117844.D

Acq: 18 Nov 2019 19:20

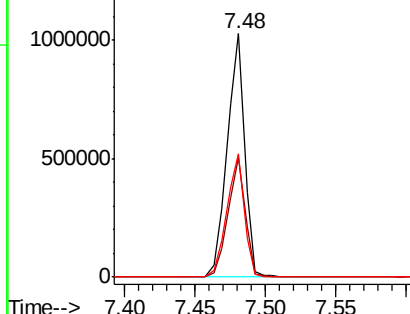
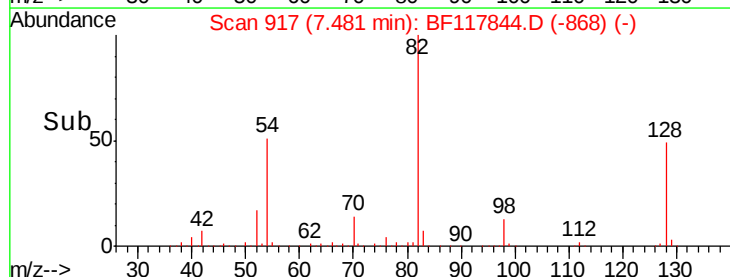
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		888753		
128	49.2	38.9	58.3		
54	50.6	39.8	59.6		

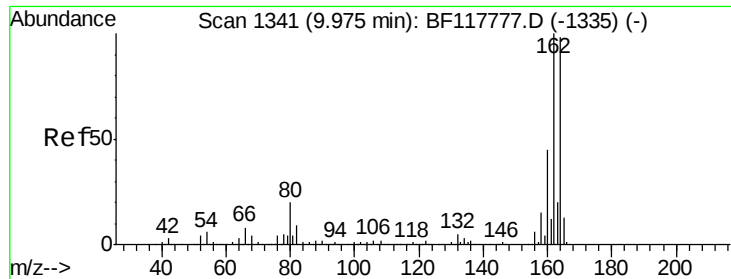


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





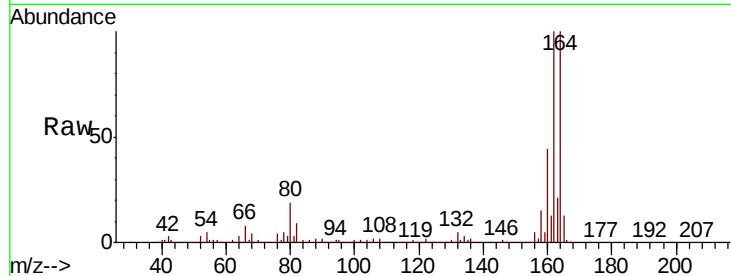
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :
4-(2-4)

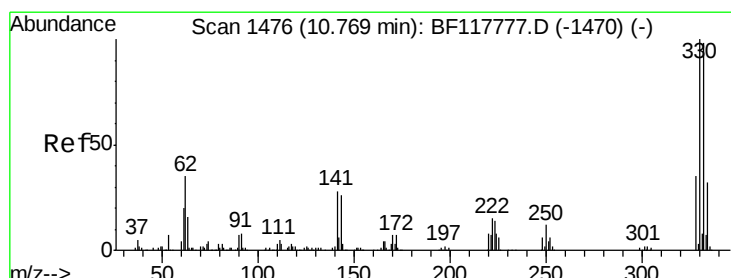
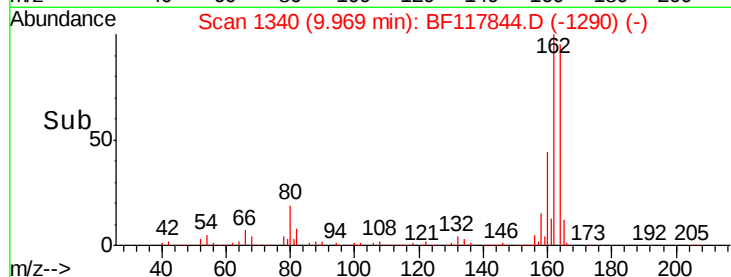
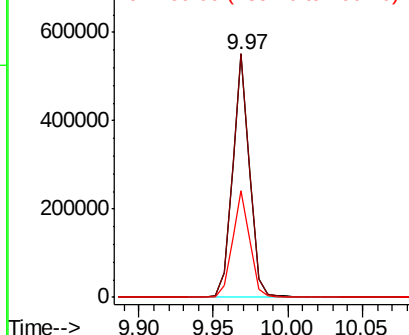
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.9	81.3	121.9	
160	43.7	36.6	55.0	

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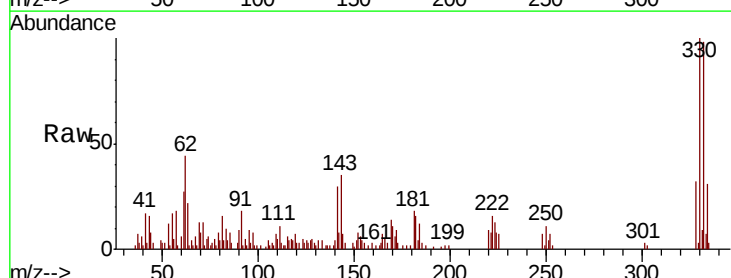


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

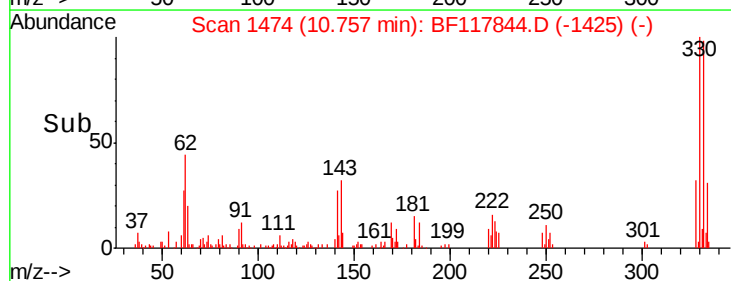
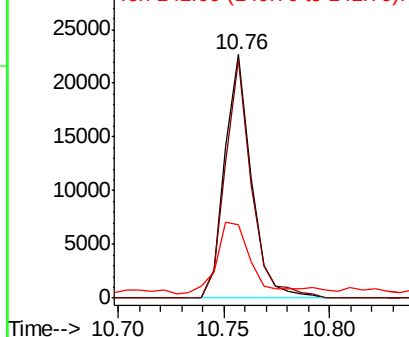


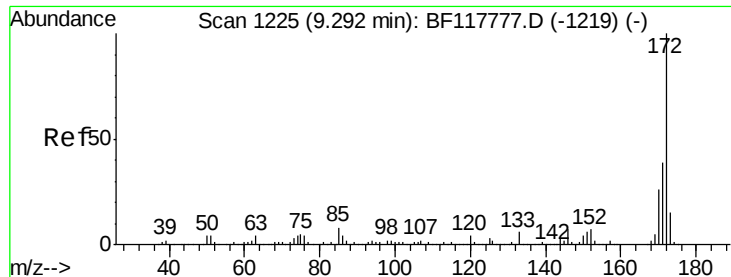
#42
2,4,6-Tribromophenol
Concen: 4.217 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.7	115.1	
141	36.2	27.7	41.5	



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





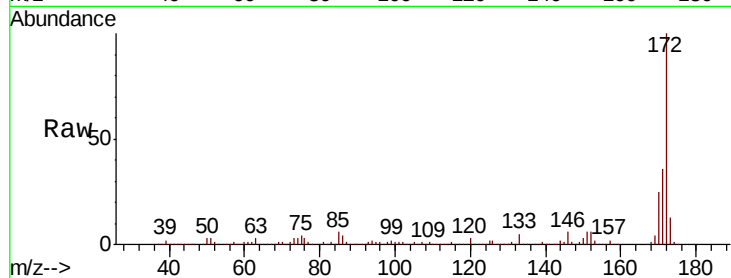
#45
2-Fluorobiphenyl
Concen: 66.113 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampled :
4-(2-4)

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	30.9	46.3	
170	24.8	21.0	31.4	

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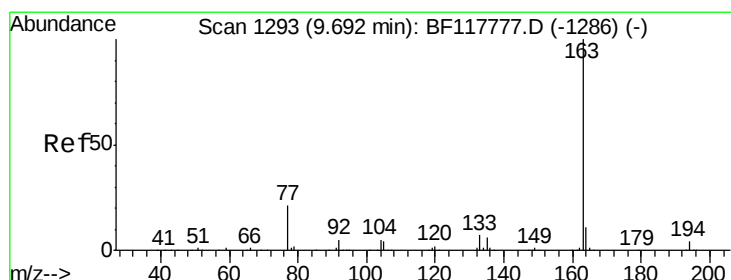
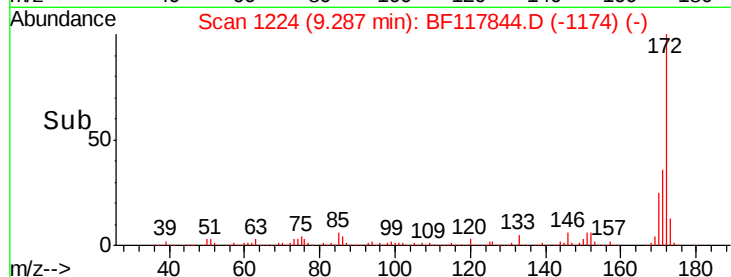
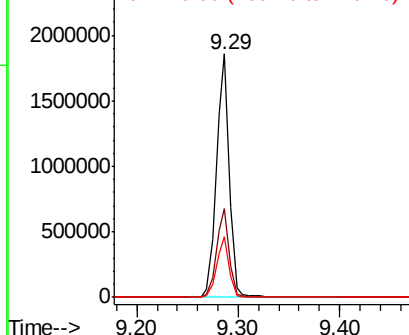


Abundance

Ion 172.00 (171.70 to 172.70): E

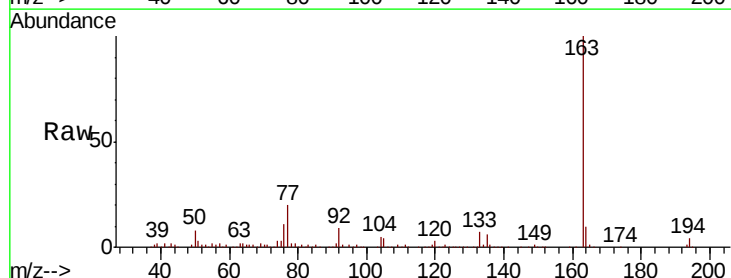
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.963 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	3.3	4.9	
164	10.3	8.7	13.1	

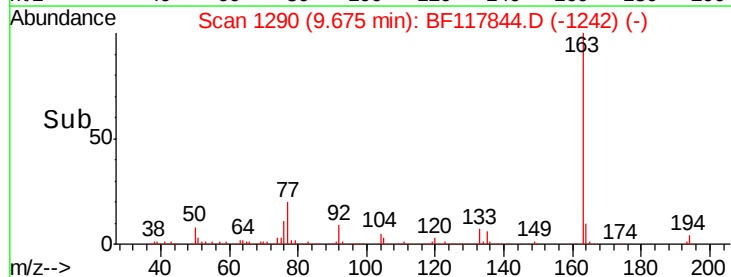
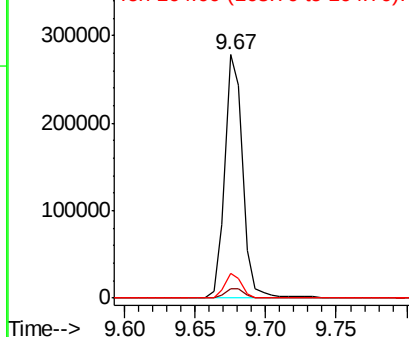


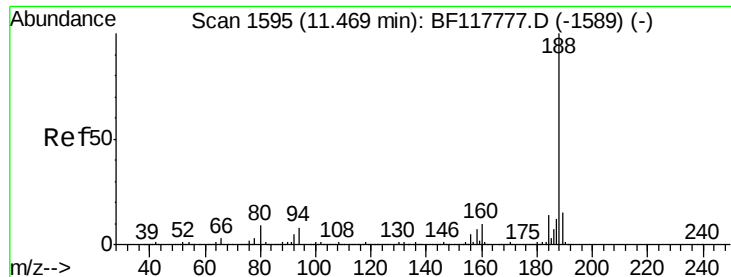
Abundance

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





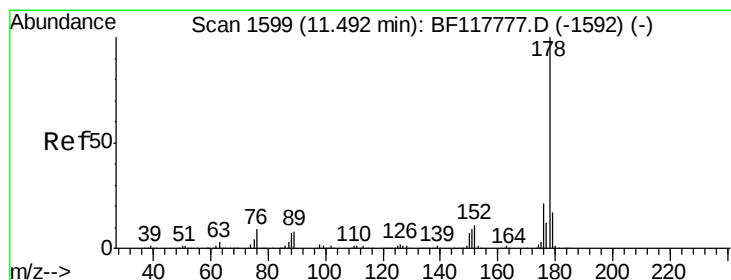
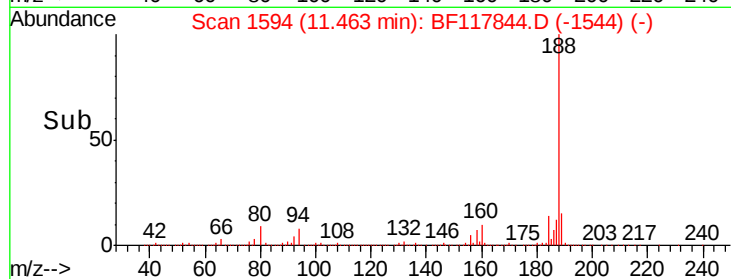
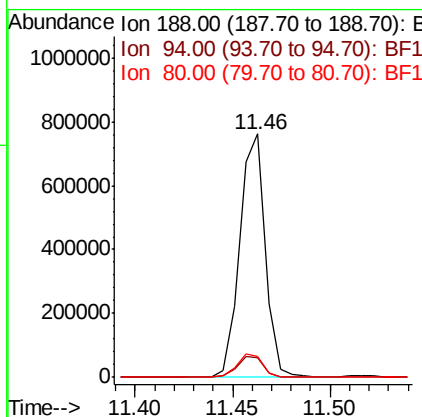
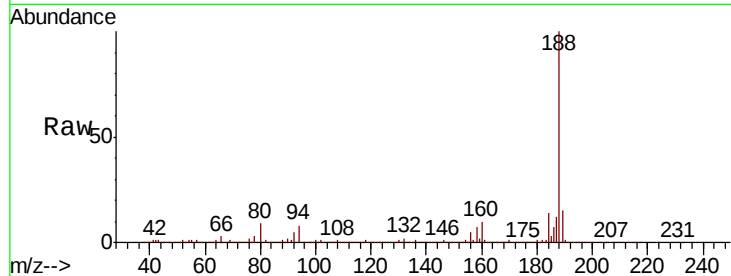
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :
4-(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	689637		
94	8.1		6.6	10.0
80	8.7		7.2	10.8

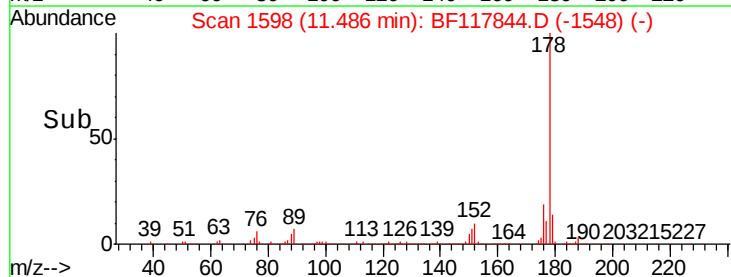
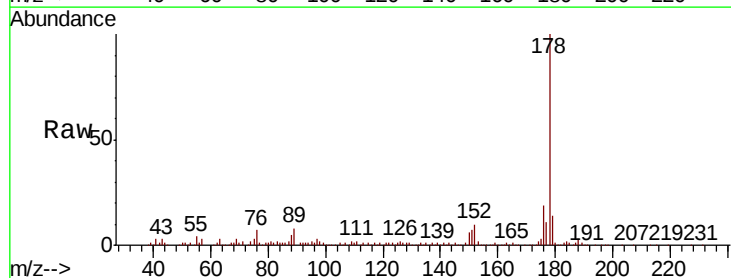
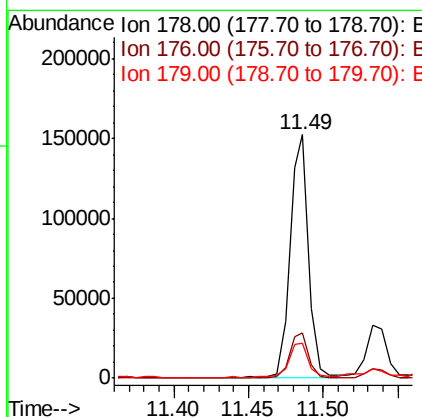
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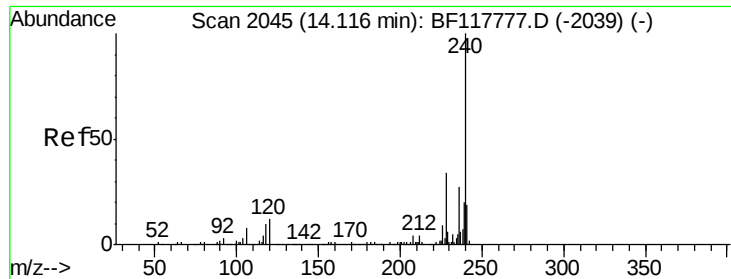
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#71
Phenanthrene
Concen: 3.862 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	133901		
176	18.6		16.6	25.0
179	14.4		13.2	19.8





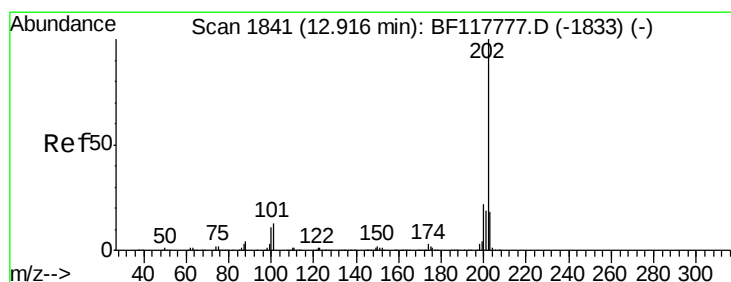
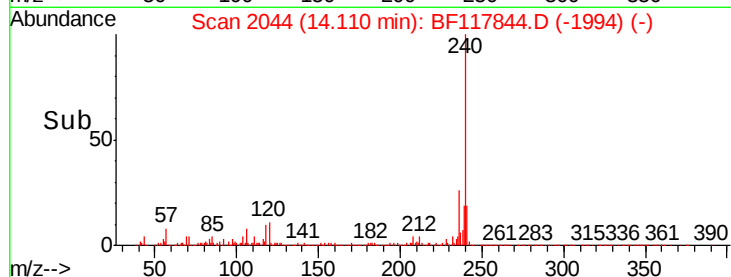
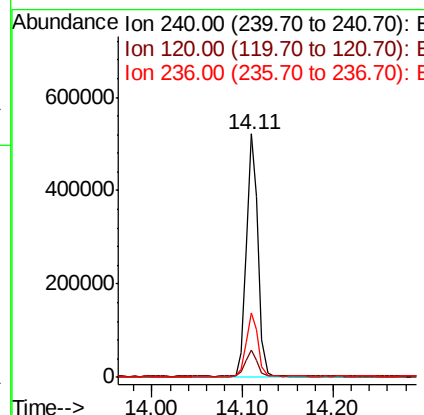
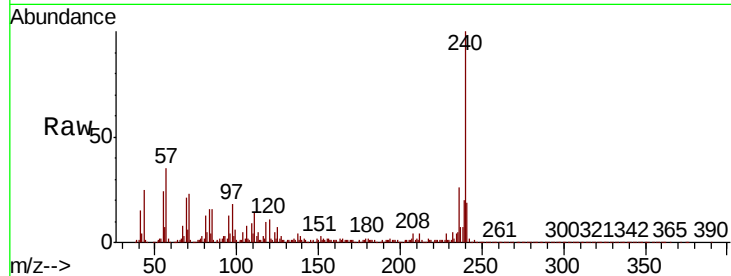
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Instrument :
BNA_F
ClientSampleId :
4-(2-4)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.4	21.3	31.9

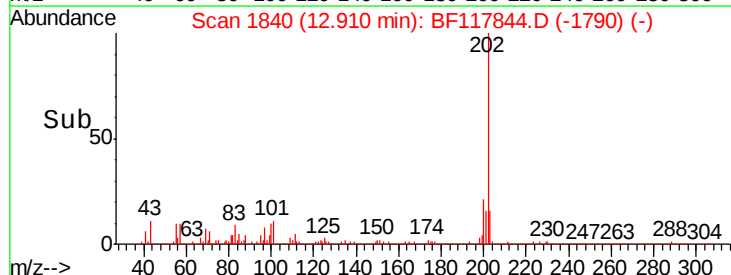
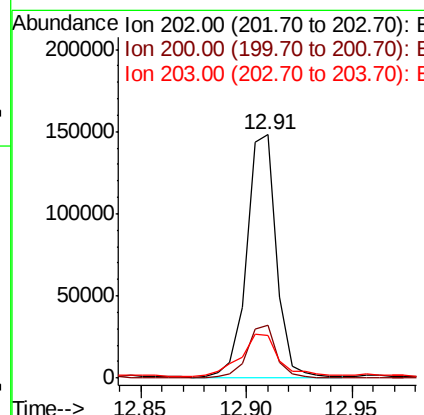
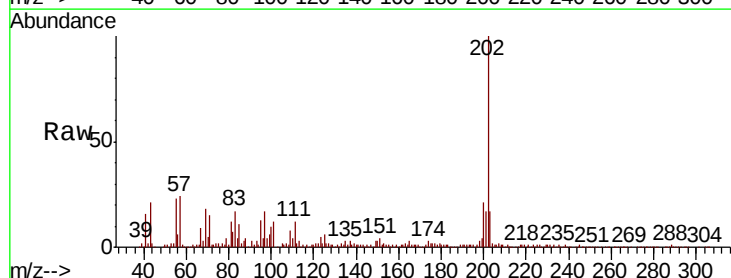
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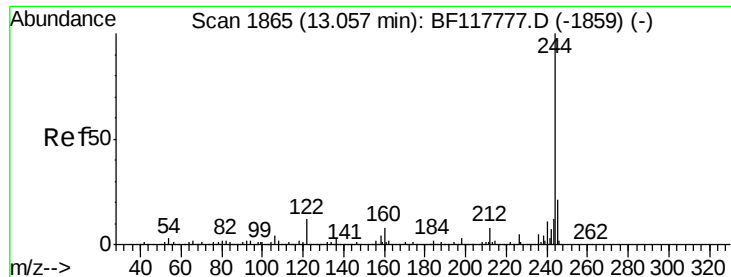
mohammad
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#78
Pyrene
Concen: 3.742 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117844.D
Acq: 18 Nov 2019 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.8
203	17.3	14.6	22.0





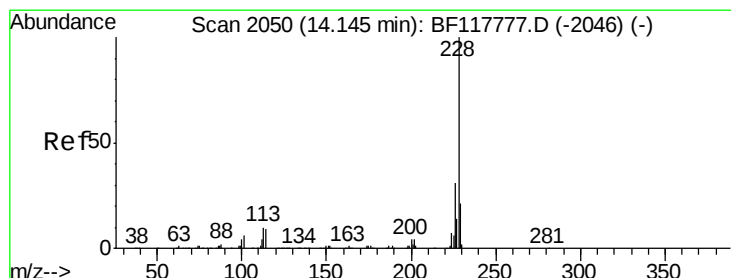
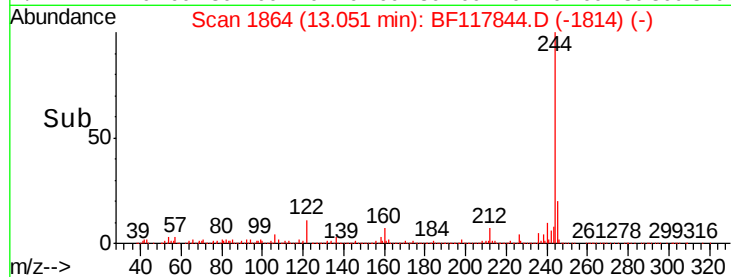
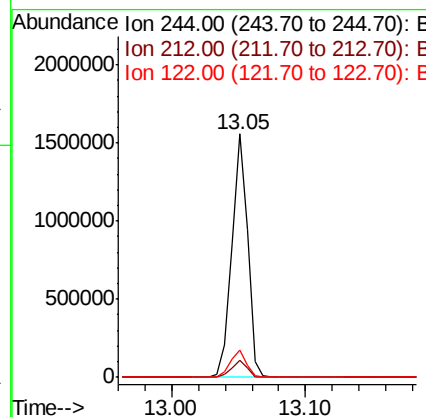
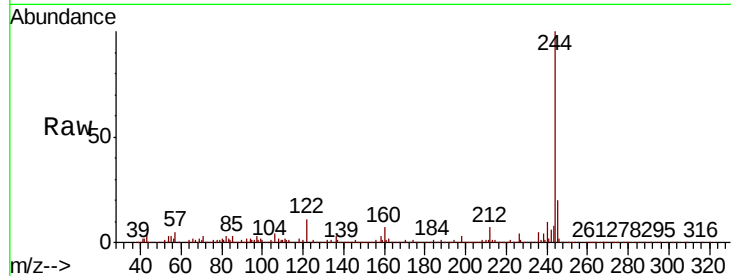
#79
 Terphenyl-d14
 Concen: 50.334 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117844.D
 Acq: 18 Nov 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 4-(2-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.1	9.4	14.2

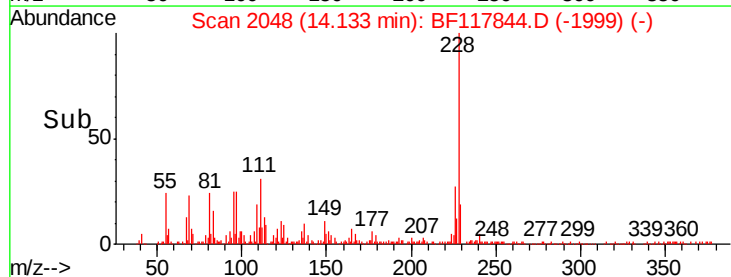
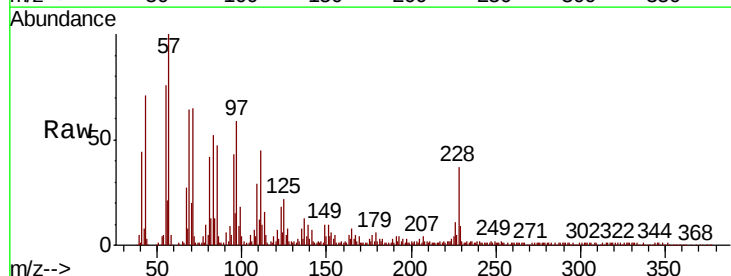
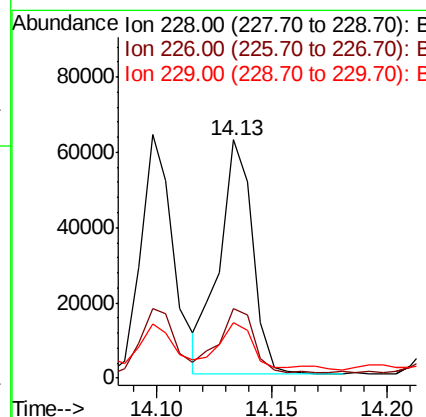
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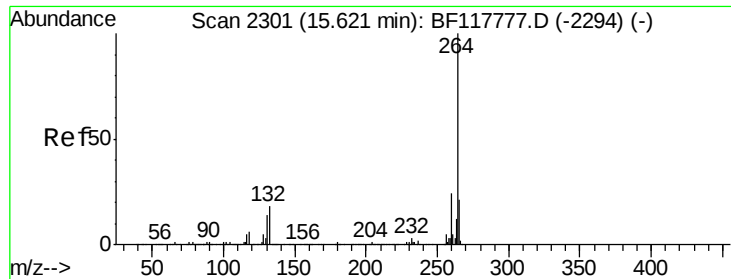
mohammad
 11/19/2019 2:36:07 PM



#83
 Chrysene
 Concen: 2.052 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF117844.D
 Acq: 18 Nov 2019 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.4
229	23.3	16.6	25.0





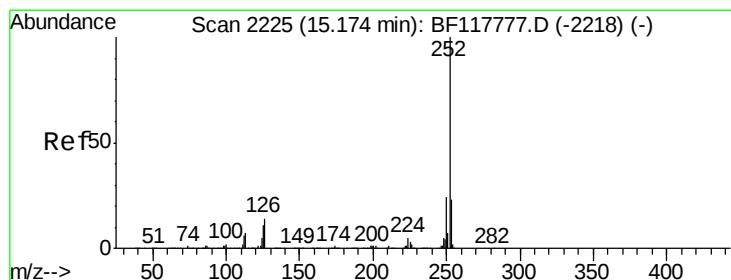
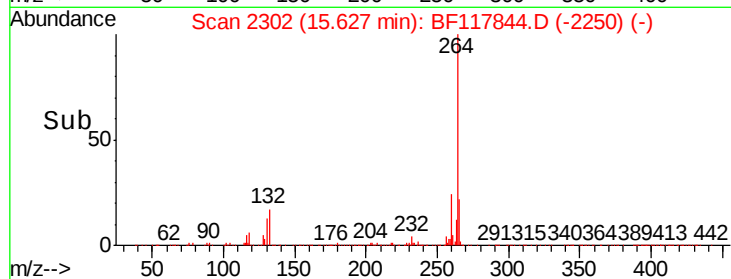
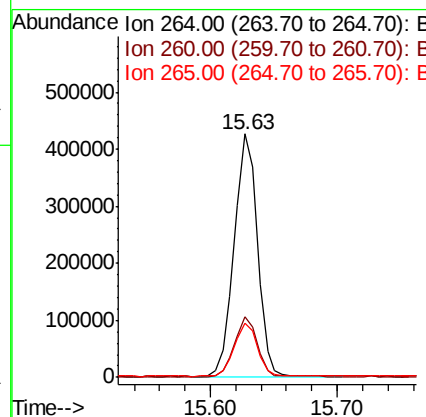
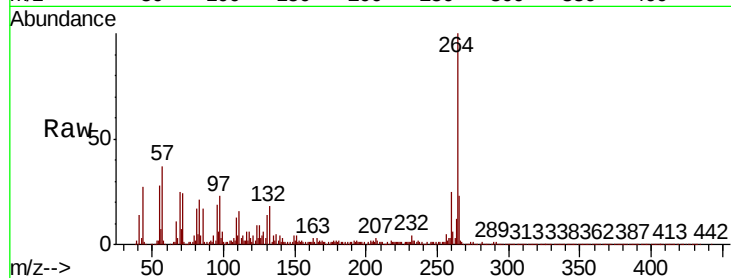
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: BF117844.D
 Acq: 18 Nov 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 4-(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.5	17.1	25.7

Manual Integrations
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#88
 Benzo(b)fluoranthene
 Concen: 2.266 ng m
 RT: 15.17 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF117844.D
 Acq: 18 Nov 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.0	27.0#
125	85.9	8.6	13.0#

