

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117842.D
 Acq On : 18 Nov 2019 18:25
 Operator : JU
 Sample : K5833-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-(6-8)

Manual Integrations
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 11/19/2019 2:35:55 PM

Quant Time: Nov 19 00:18:29 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	234572	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	896948	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	458811	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	774902	20.00	ng	0.00
76) Chrysene-d12	14.11	240	478006	20.00	ng	0.00
87) Perylene-d12	15.62	264	600745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1376323	103.86	ng	0.00
7) Phenol-d6	6.54	99	1732313	108.38	ng	0.00
23) Nitrobenzene-d5	7.48	82	1066186	70.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	488288	100.52	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1905553	74.51	ng	0.00
79) Terphenyl-d14	13.05	244	1690272	64.63	ng	0.00
Target Compounds						
10) Phenol	6.55	94	83293	5.015	ng	97
50) Dimethylphthalate	9.67	163	236882	7.363	ng	98
71) Phenanthrene	11.48	178	234929	6.030	ng	97
75) Fluoranthene	12.67	202	366769	3.378	ng	99
78) Pyrene	12.90	202	404853	10.480	ng	97
81) Benzo(a)anthracene	14.10	228	160738	5.089	ng	94
83) Chrysene	14.13	228	189025	6.176	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	65652	3.264	ng	99
86) Indeno(1,2,3-cd)pyrene	17.14	276	91222	3.502	ng	96
88) Benzo(b)fluoranthene	15.17	252	237117m	6.075	ng	
90) Benzo(a)pyrene	15.54	252	140106	4.082	ng	99
92) Benzo(a,h,i)perylene	17.60	276	90290	3.069	ng	98

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

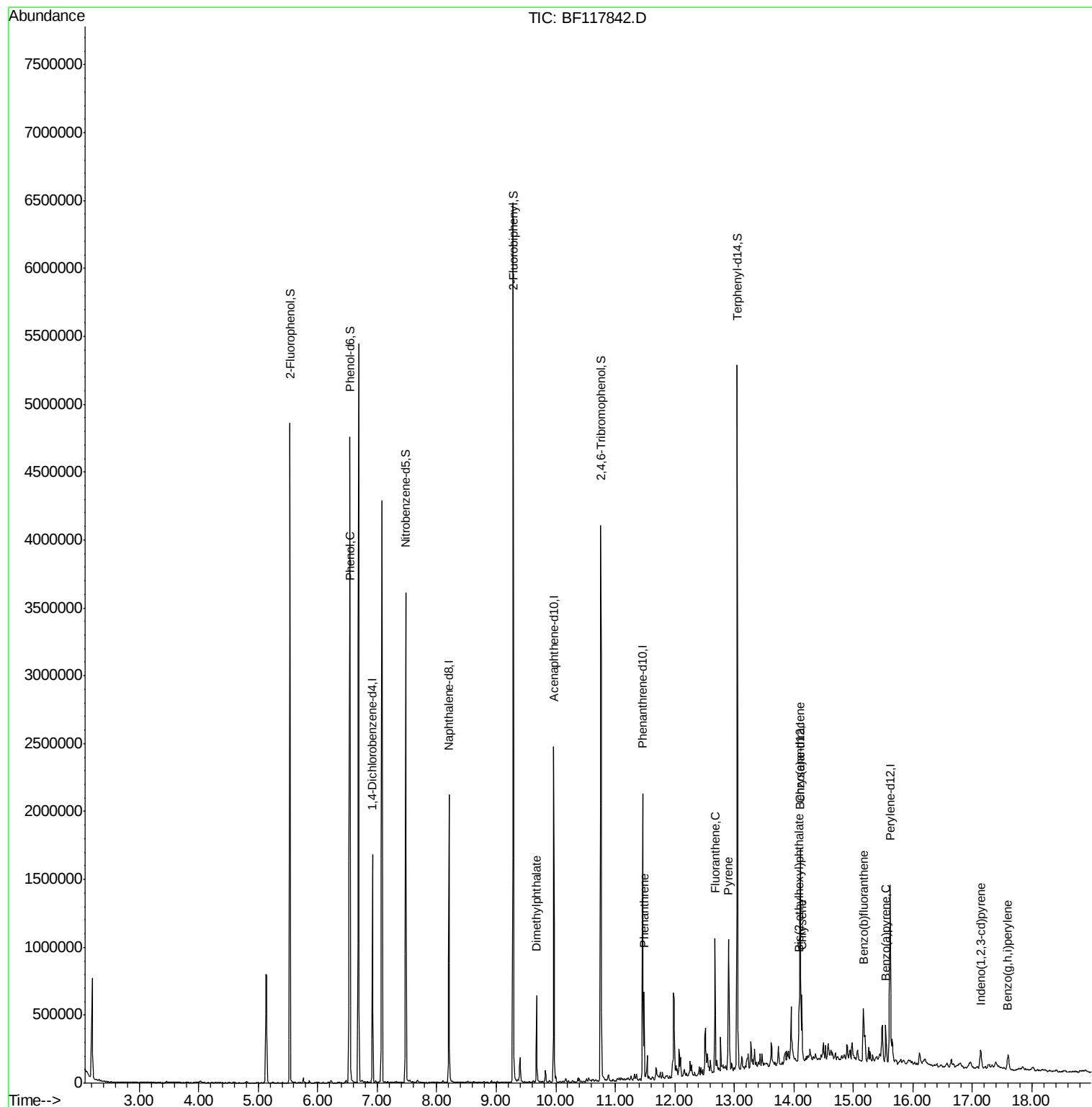
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117842.D
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ALS Vial : 17 Sample Multiplier: 1

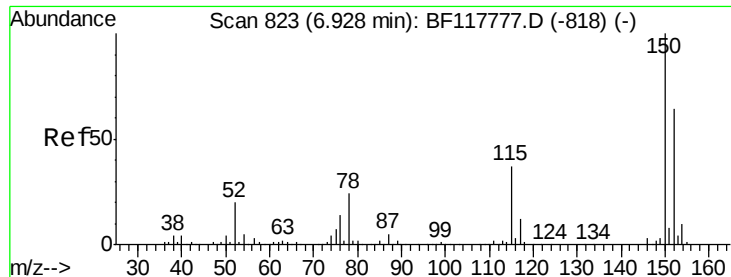
Instrument :
BNA_F
ClientSampleId :
7-(6-8)

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#1

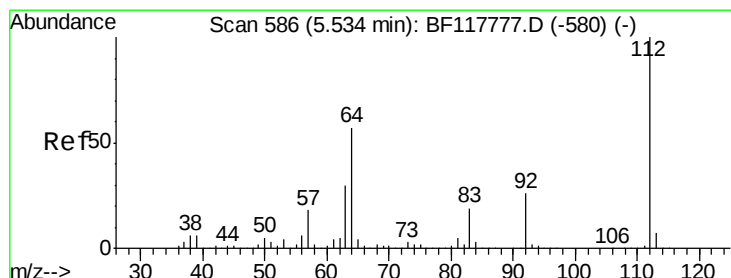
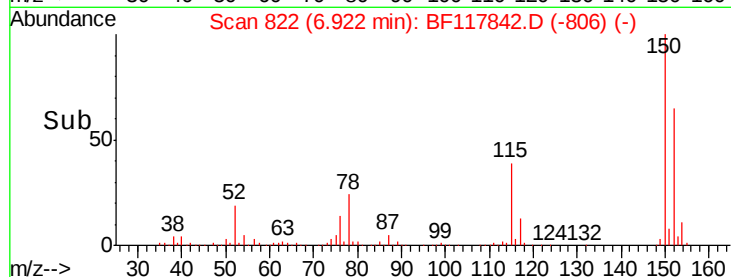
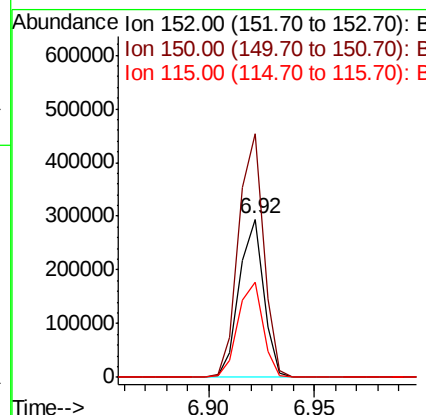
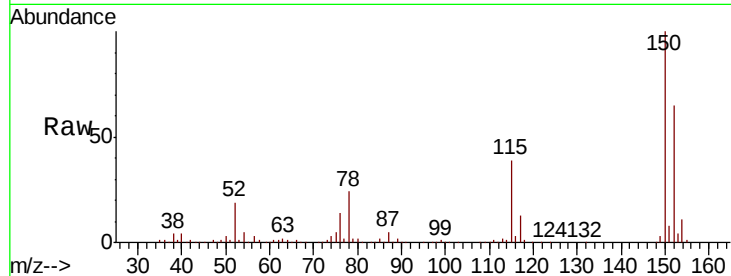
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampled :
7-(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.3	187.9
115	59.8	47.0	70.4

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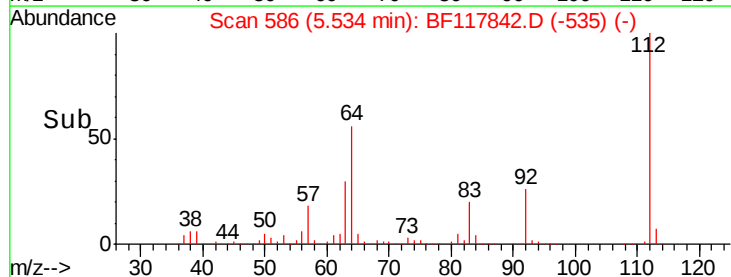
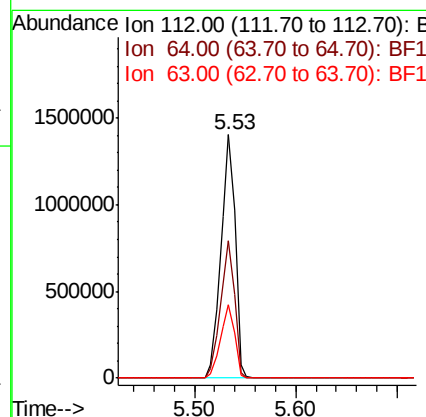
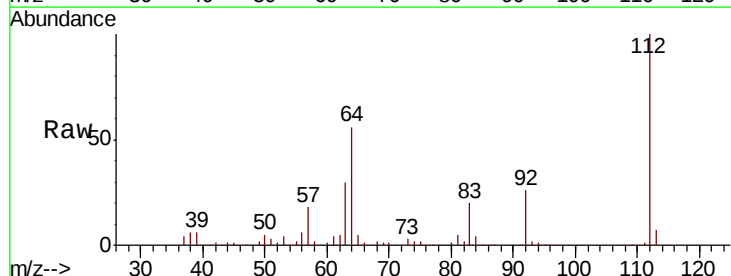
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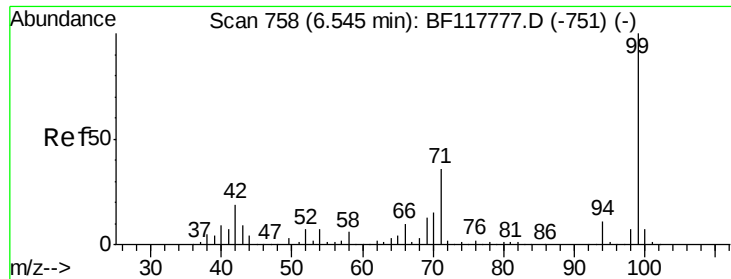


#5

2-Fluorophenol
Concen: 103.859 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.6	68.4
63	30.3	24.1	36.1





#7

Phenol-d6

Concen: 108.379 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

Instrument :

BNA_F

ClientSampled :

7-(6-8)

Tot Ion: 99 Resp: 1732313

Ion Ratio Lower Upper

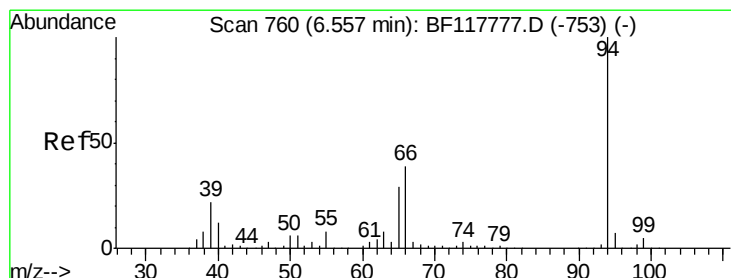
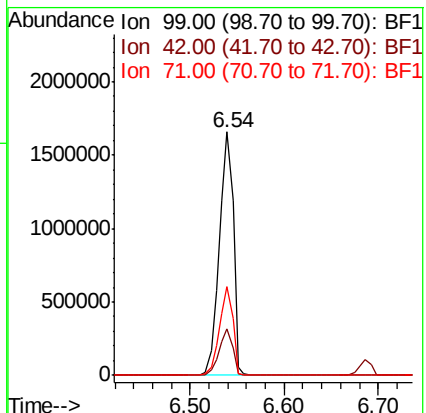
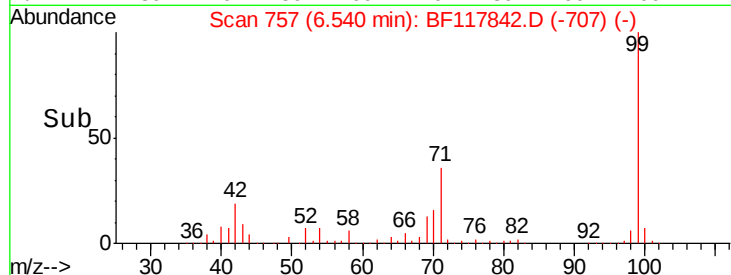
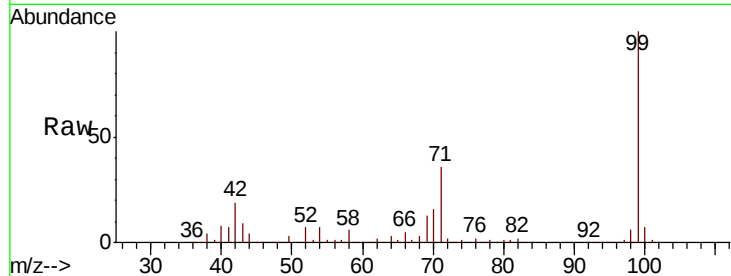
99 100

42 19.1 14.9 22.3

71 36.4 28.6 43.0

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#10

Phenol

Concen: 5.015 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

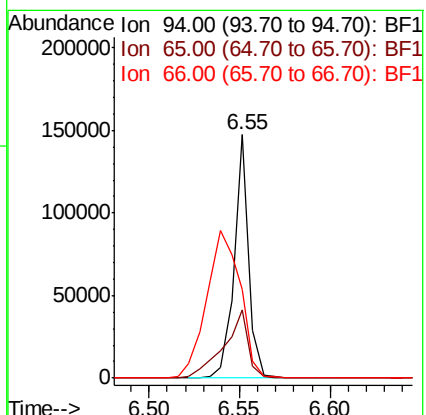
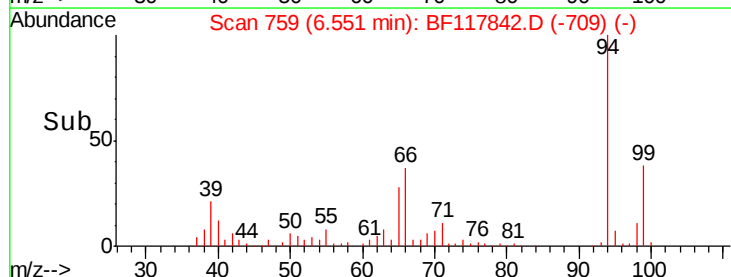
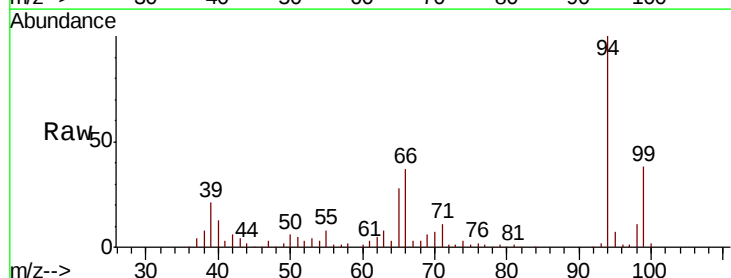
Tgt Ion: 94 Resp: 83293

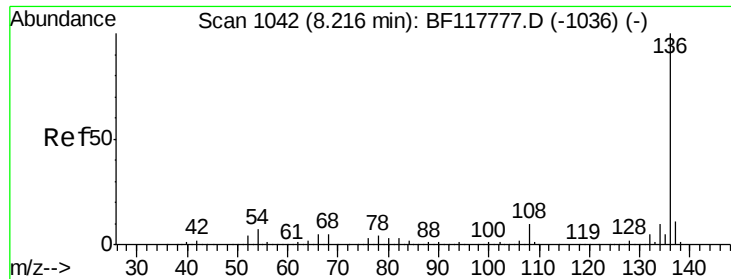
Ion Ratio Lower Upper

94 100

65 28.0 8.9 48.9

66 36.7 18.7 58.7





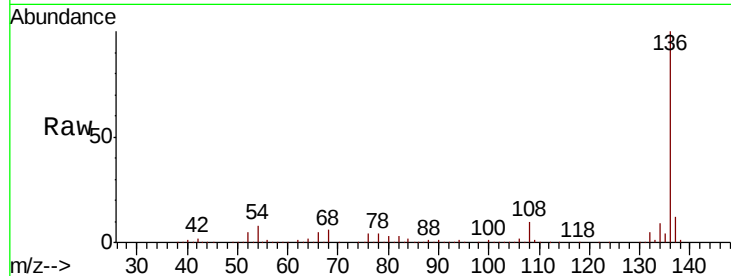
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampleId :
7-(6-8)

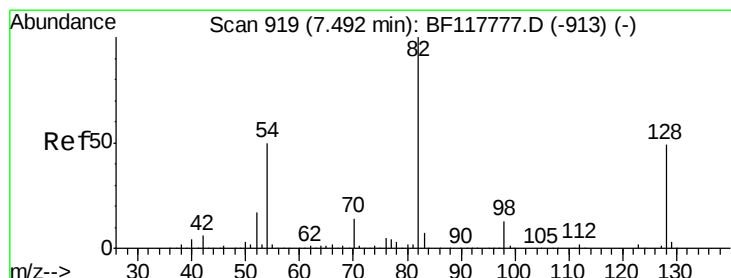
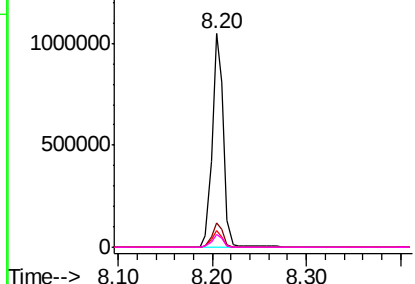
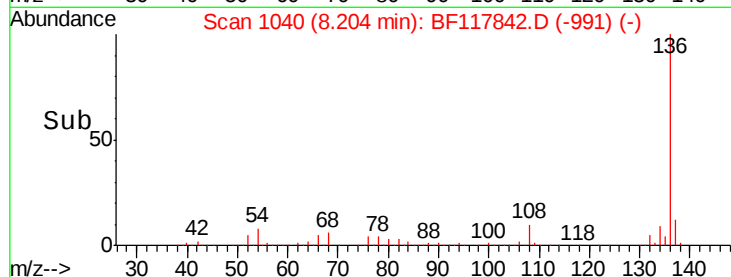
Tot Ion	Ratio	Resp	Lower	Upper
136	100	896948		
137	11.5	9.0	13.4	
54	7.6	5.4	8.2	
68	5.9	4.3	6.5	

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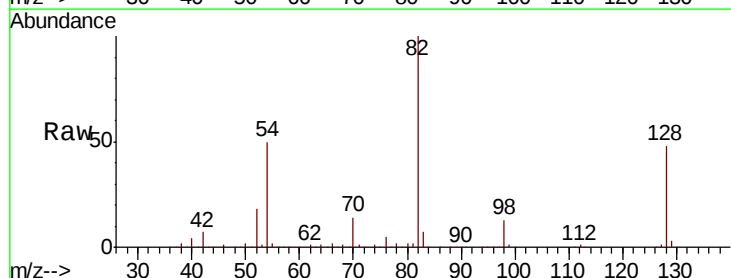


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

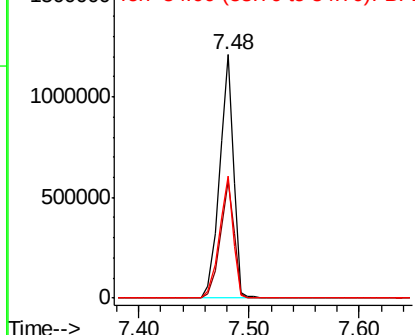
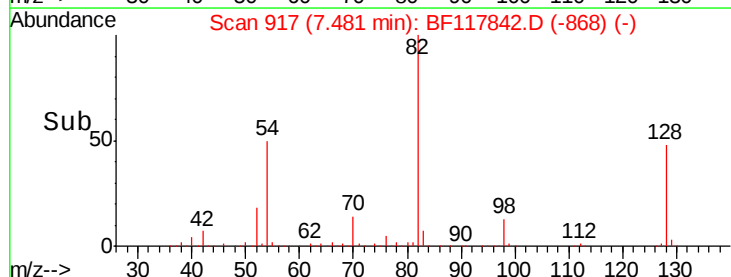


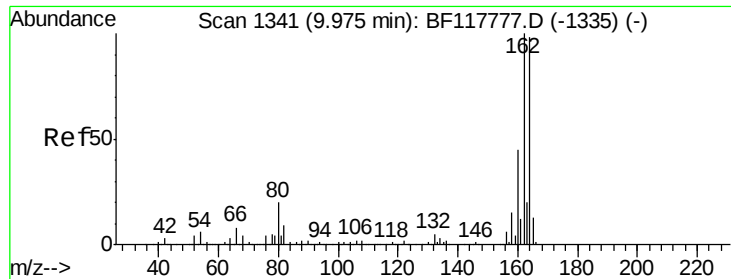
#23
Nitrobenzene-d5
Concen: 70.662 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1066186		
128	47.8	38.9	58.3	
54	50.3	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





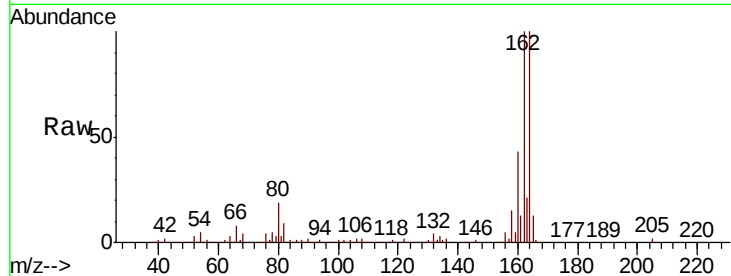
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampleId :
7-(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	81.3	121.9	
160	43.6	36.6	55.0	

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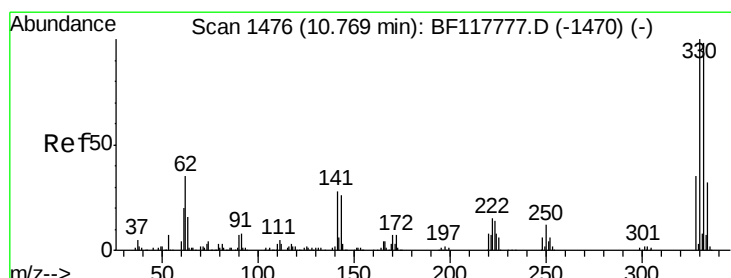
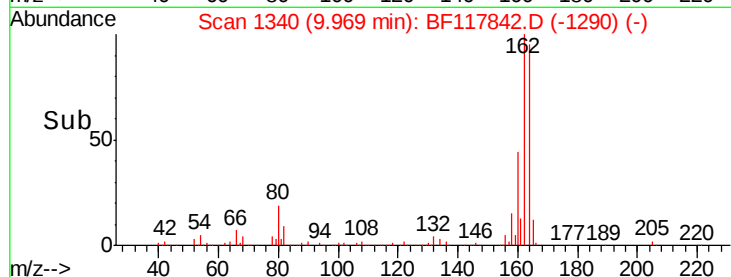
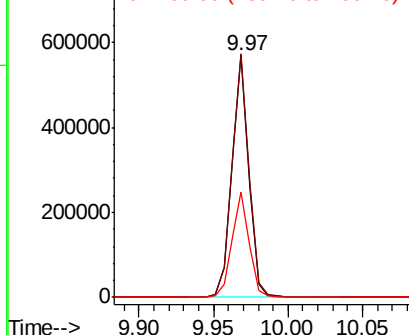


Abundance

Ion 164.00 (163.70 to 164.70): E

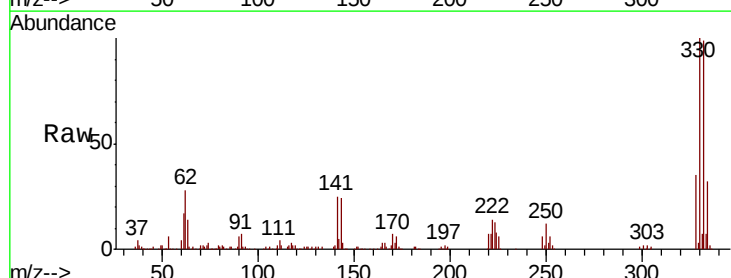
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 100.525 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.7	115.1	
141	34.5	27.7	41.5	

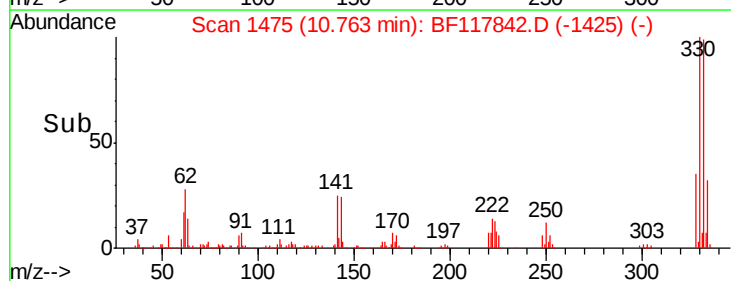
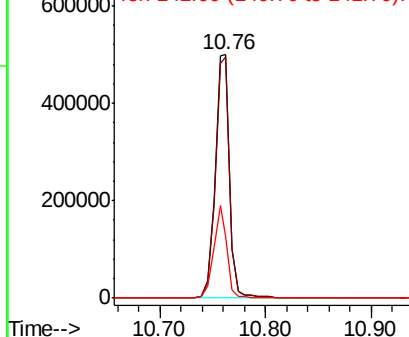


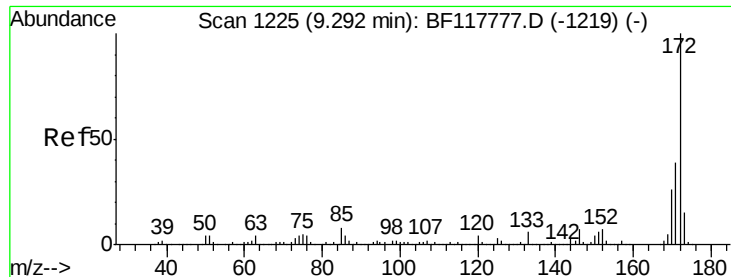
Abundance

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





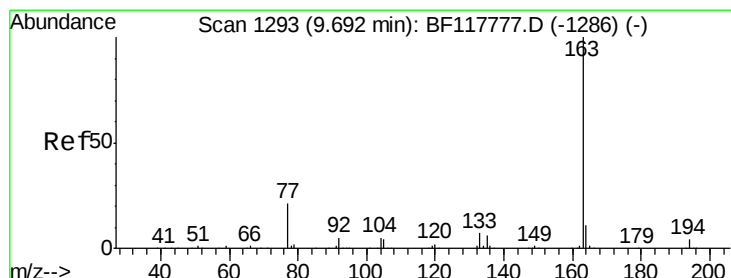
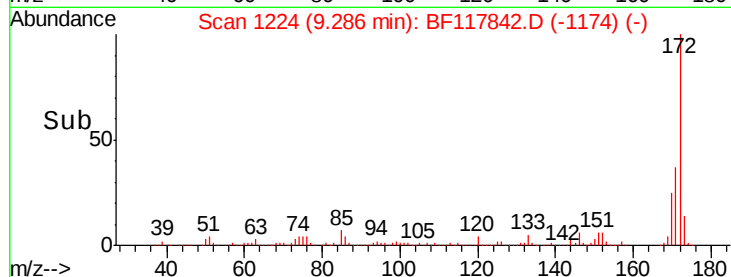
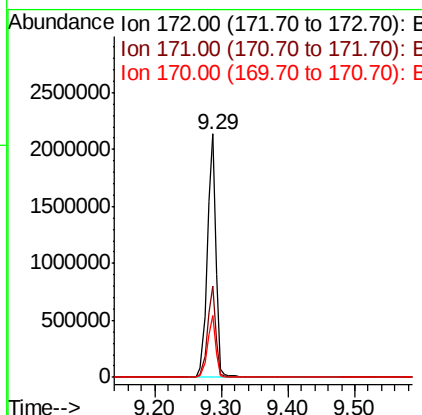
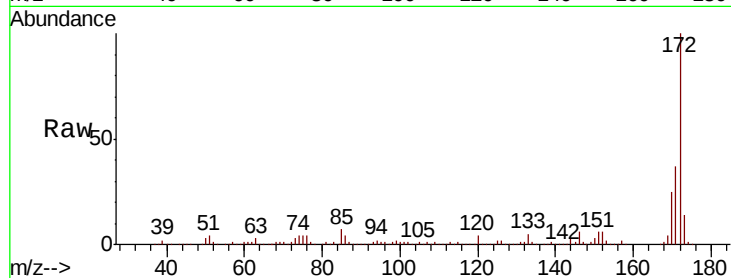
#45
2-Fluorobiphenyl
Concen: 74.511 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampled :
7-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.9	46.3
170	25.5	21.0	31.4

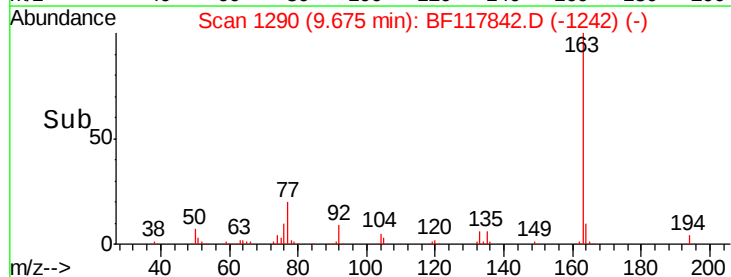
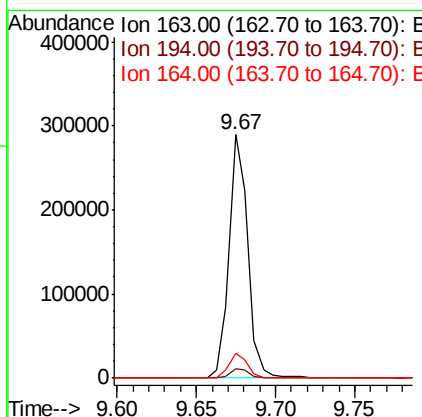
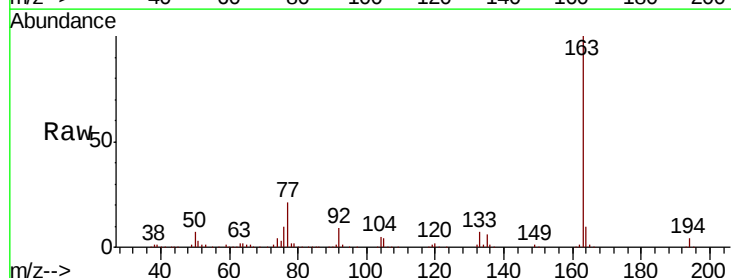
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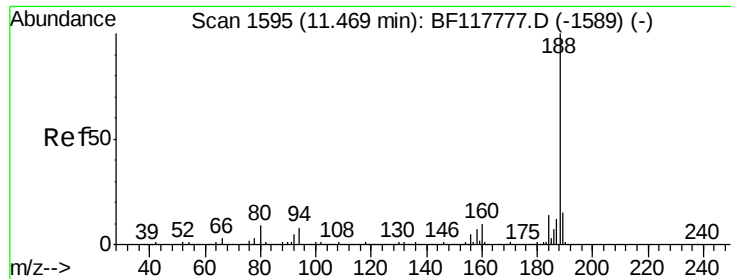
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#50
Dimethylphthalate
Concen: 7.363 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.2	8.7	13.1





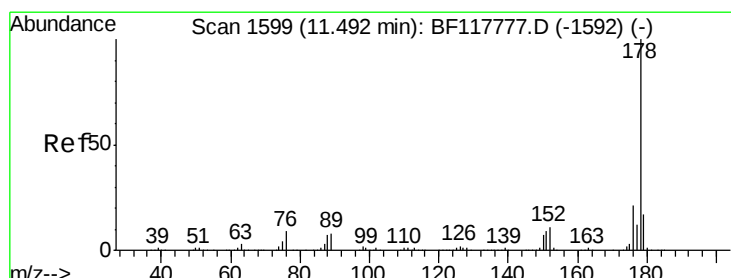
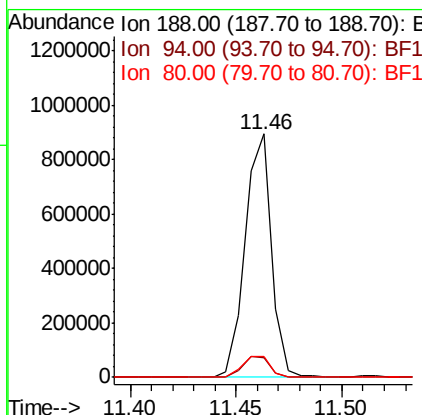
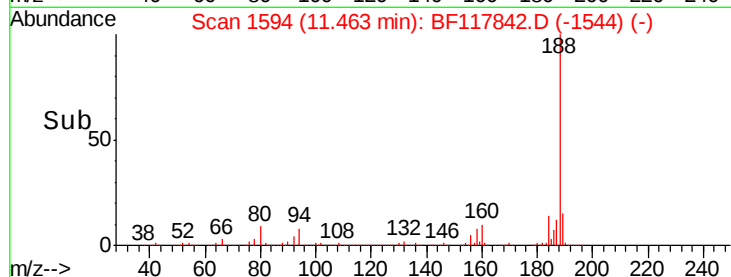
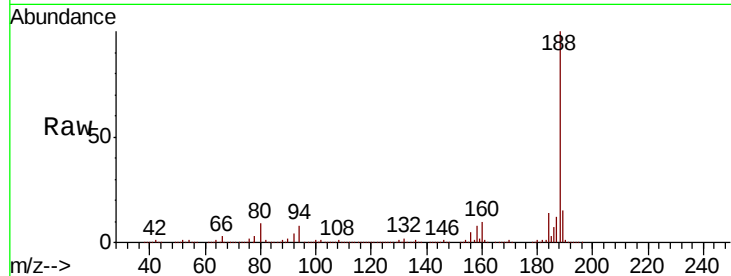
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampleId :
7-(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	774902		
94	8.3		6.6	10.0
80	8.7		7.2	10.8

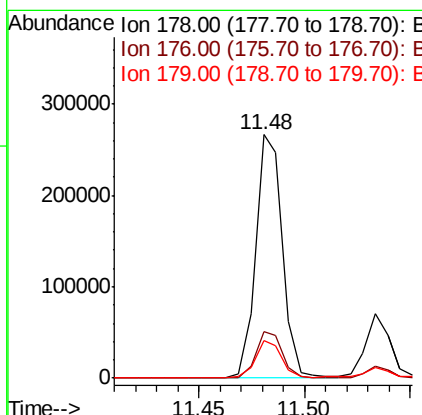
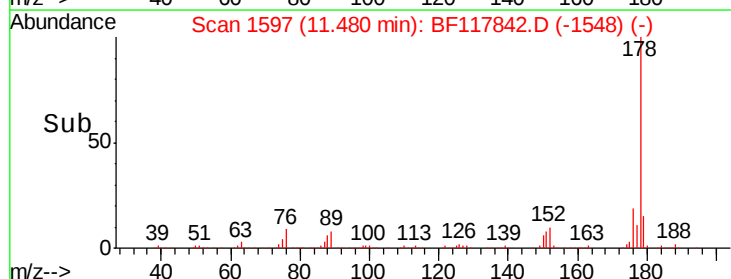
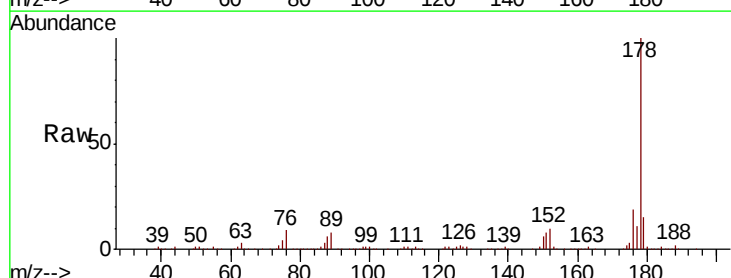
Manual Integrations
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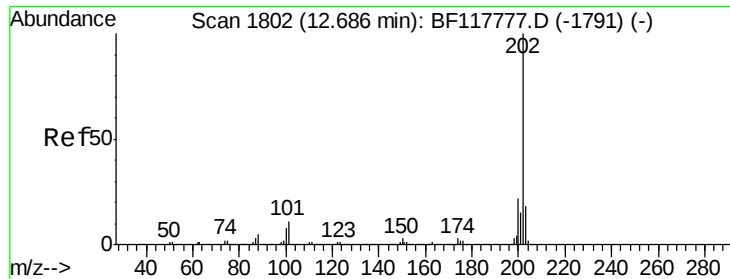
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#71
Phenanthrene
Concen: 6.030 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	234929		
176	19.1		16.6	25.0
179	15.3		13.2	19.8





#75

Fluoranthene

Concen: 3.378 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

Instrument :

BNA_F

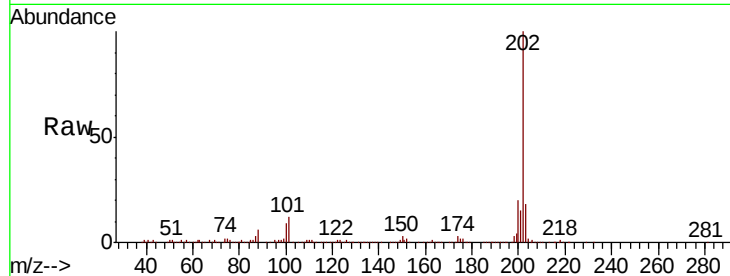
ClientSampled :

7-(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	366769		
101	11.7	0.0	31.1	
203	17.8	0.0	38.2	

Manual Integrations
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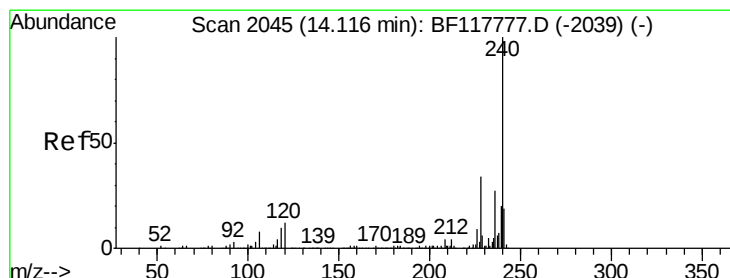
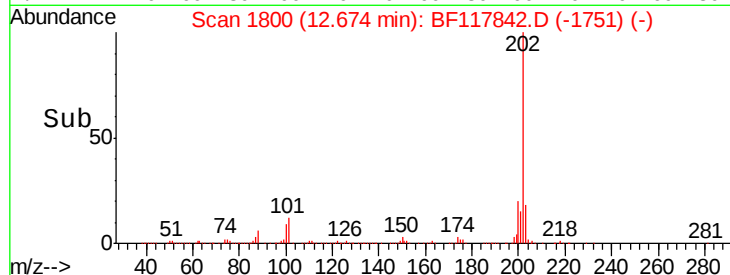
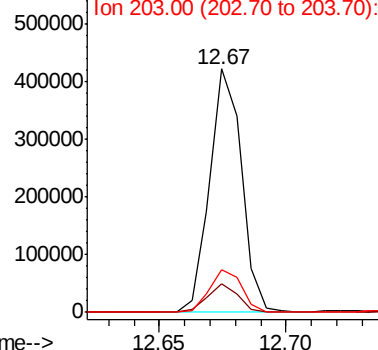


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

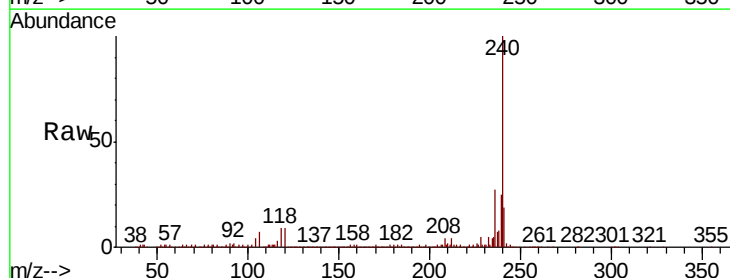
RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	478006		
120	9.4	9.5	14.3#	
236	26.6	21.3	31.9	

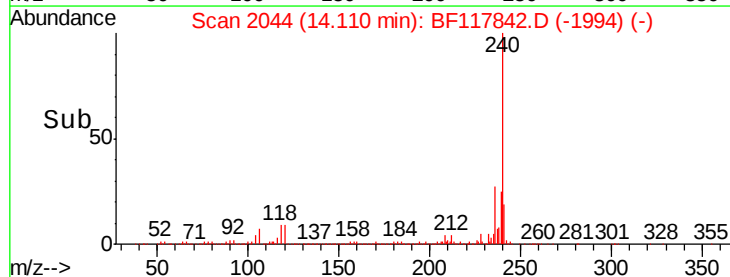
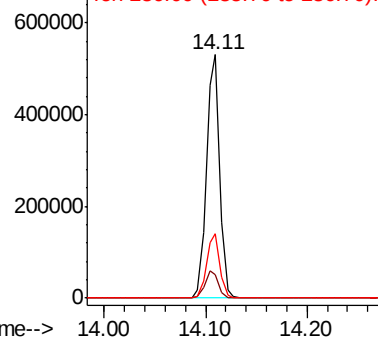


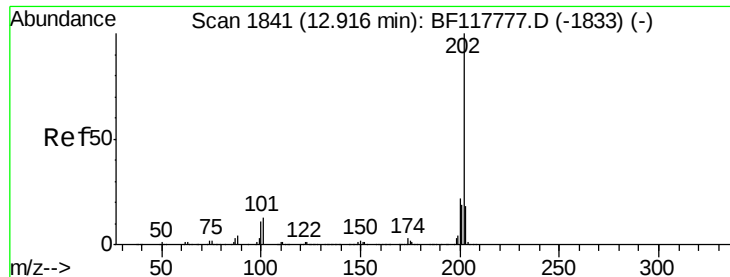
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





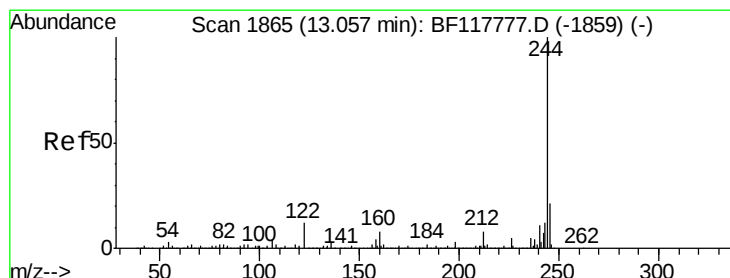
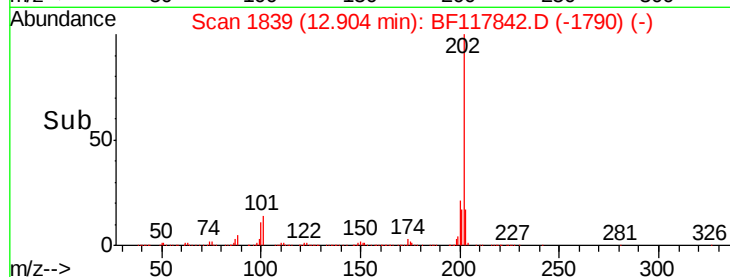
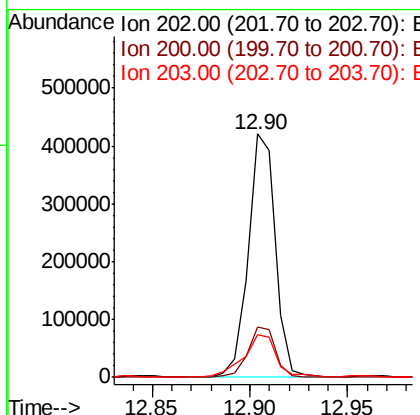
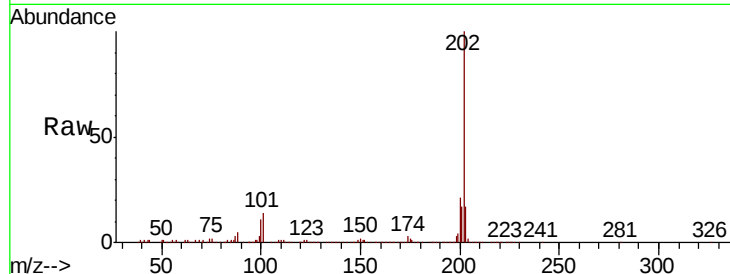
#78
Pvrene
Concen: 10.480 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampleId :
7-(6-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.8	26.8
203	17.5	14.6	22.0

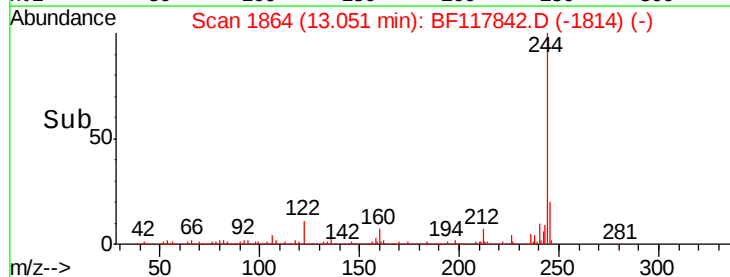
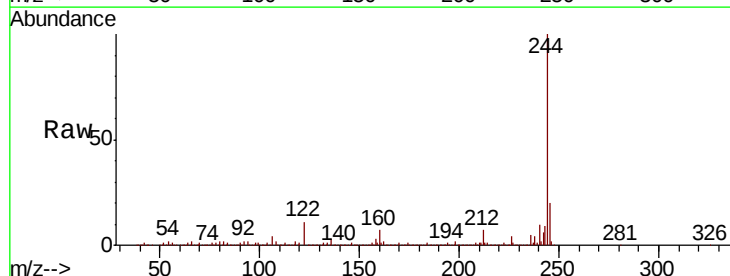
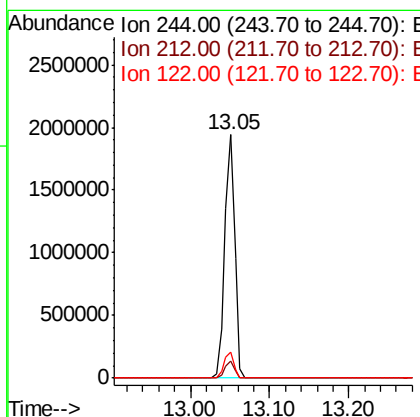
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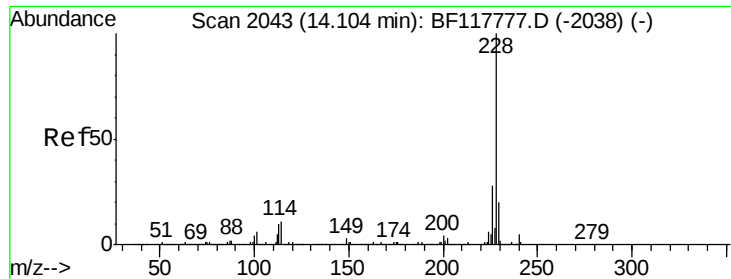
mohammad
11/19/2019 2:35:55 PM



#79
Terphenyl-d14
Concen: 64.626 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	6.3	9.5
122	10.7	9.4	14.2





#81

Benzo(a)anthracene

Concen: 5.089 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

Instrument :

BNA_F

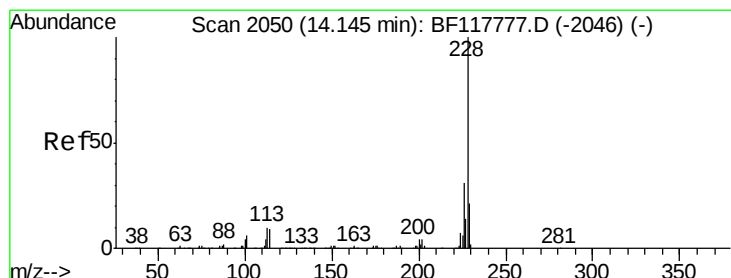
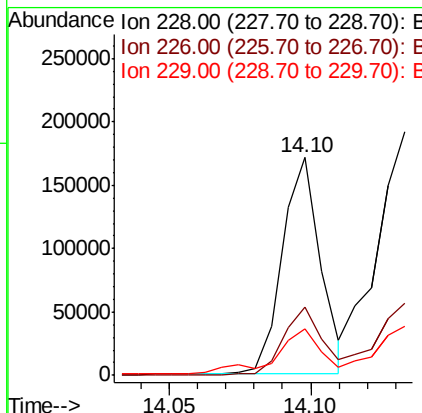
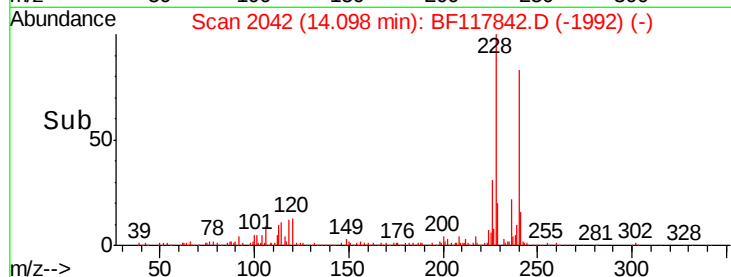
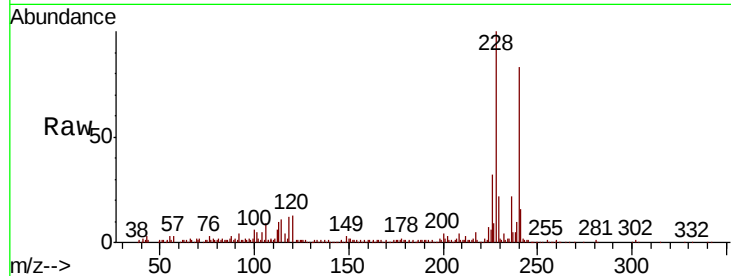
ClientSampleId :

7-(6-8)

Tot Ion:	228	Resp:	160738
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.2	33.2
229	21.5	15.9	23.9

Manual Integrations
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#83

Chrysene

Concen: 6.176 ng

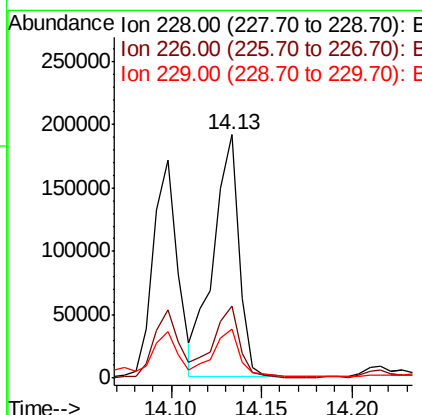
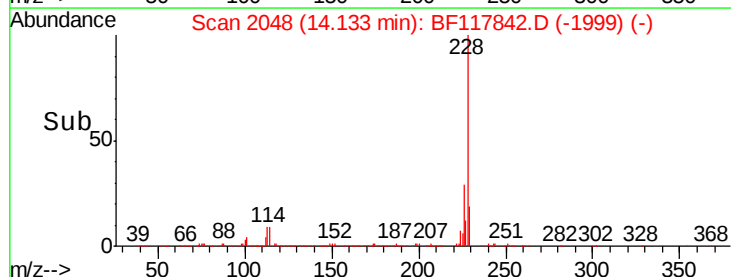
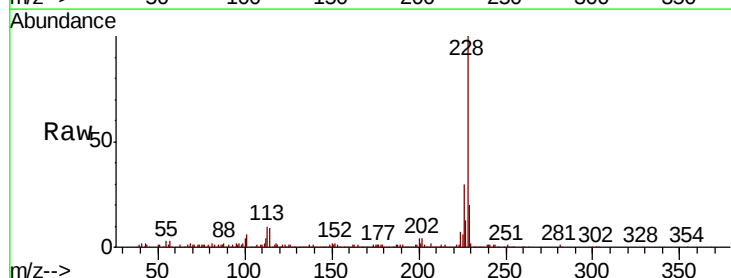
RT: 14.13 min Scan# 2048

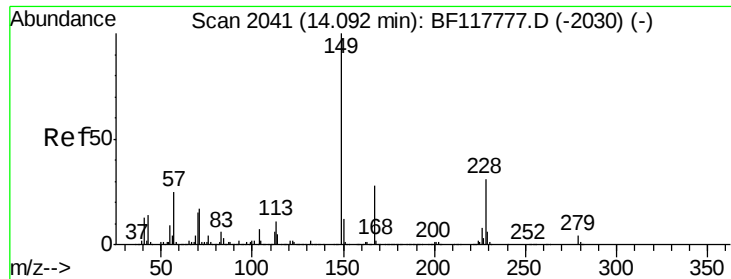
Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

Tgt Ion:	228	Resp:	189025
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.4
229	20.1	16.6	25.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.264 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

Instrument :

BNA_F

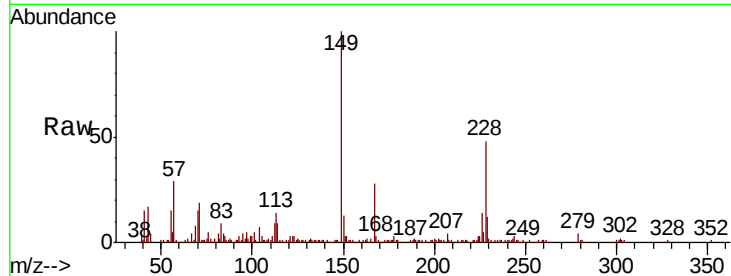
ClientSampleId :

7-(6-8)

Tot Ion:	149	Resp:	65652
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.2	33.2
279	4.3	3.4	5.2

Manual Integrations
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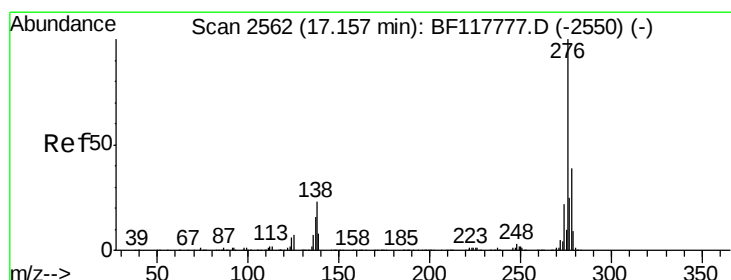
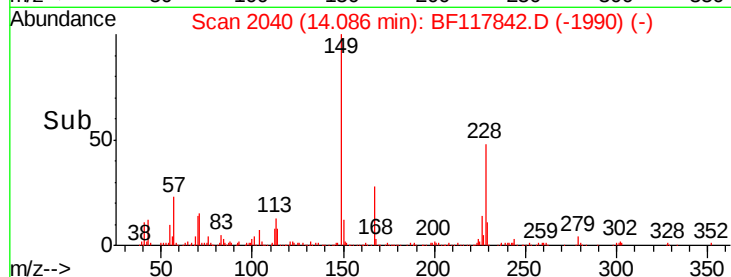
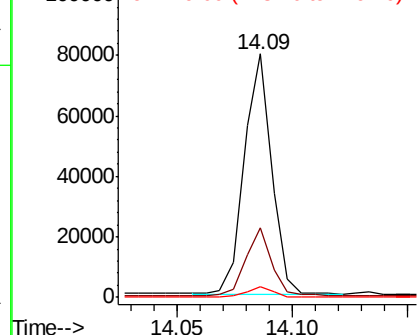


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 3.502 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF117842.D

Acq: 18 Nov 2019 18:25

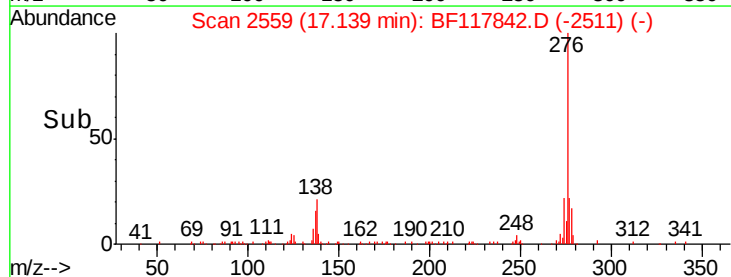
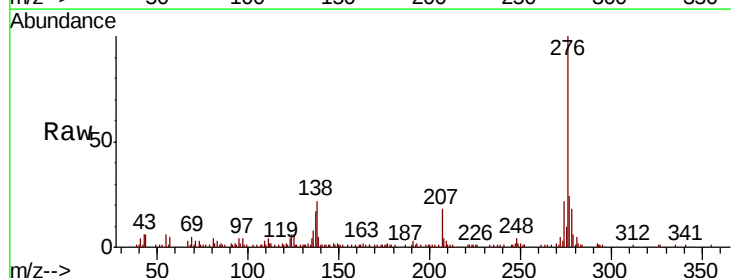
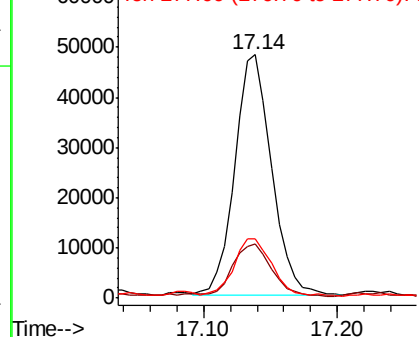
Tgt Ion:	276	Resp:	91222
Ion Ratio	Lower	Upper	
276	100		
138	23.4	20.9	31.3
277	24.1	20.3	30.5

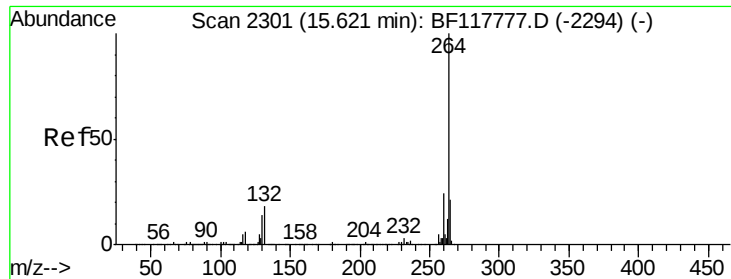
Abundance

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





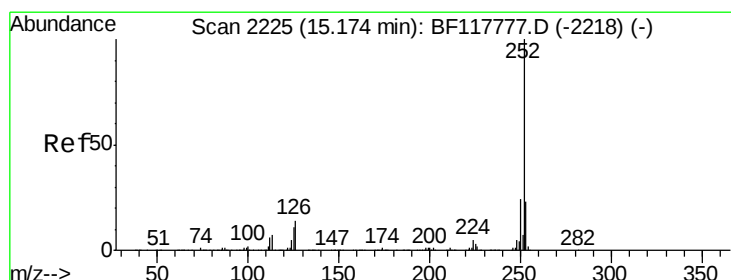
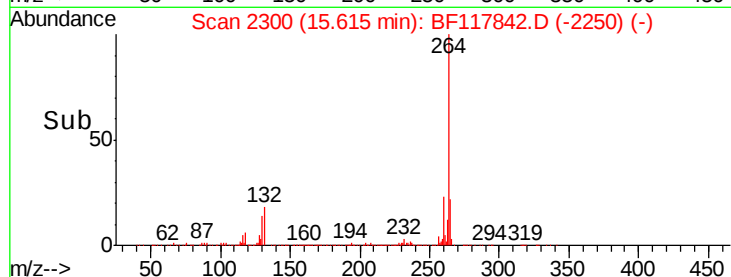
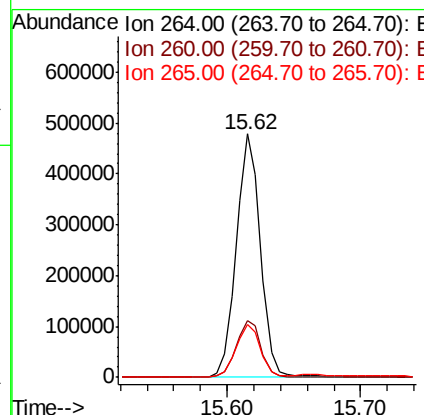
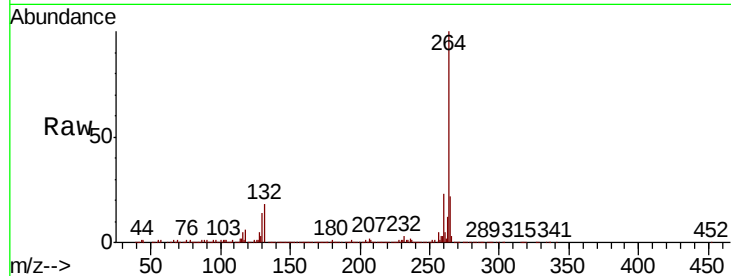
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampleId :
7-(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.8	17.1	25.7

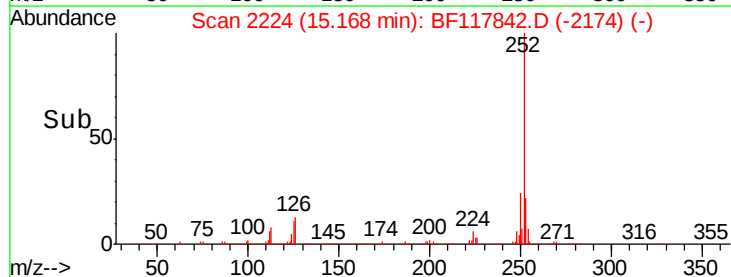
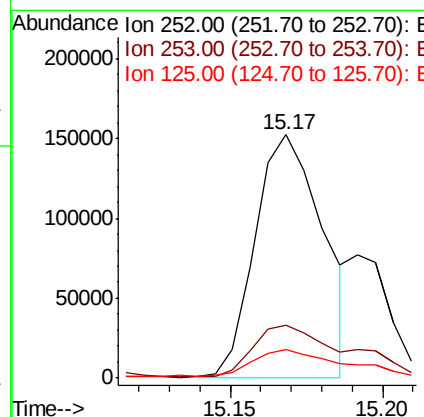
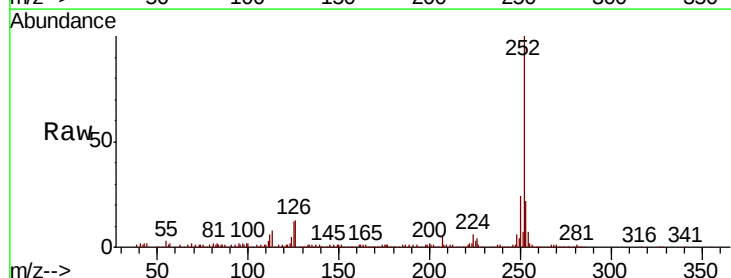
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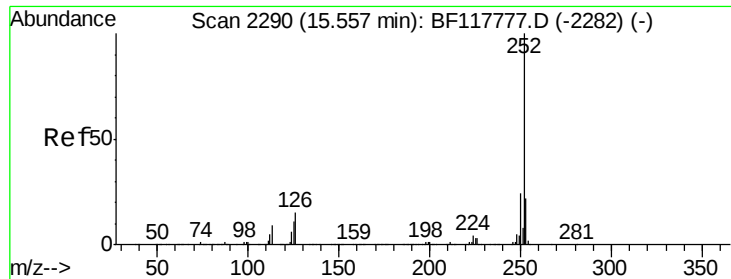
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.075 ng m
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	12.0	8.6	13.0





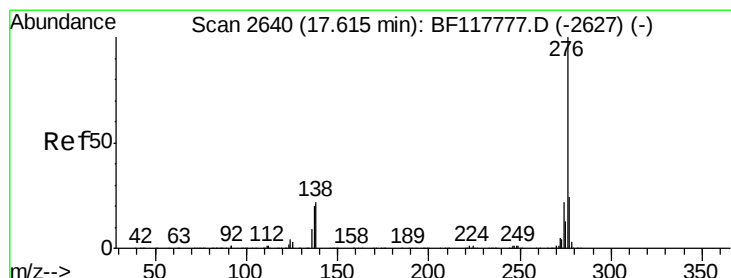
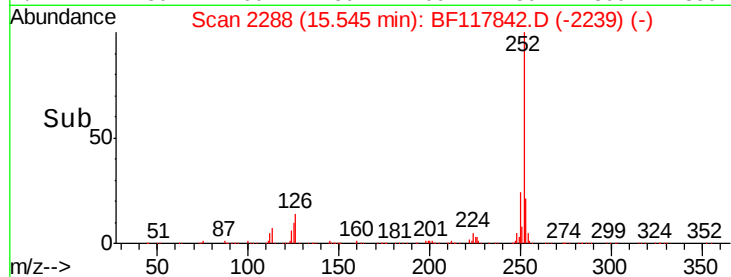
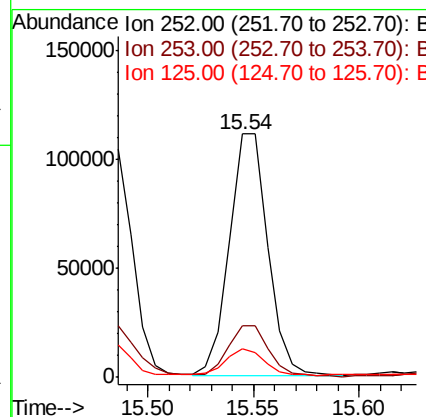
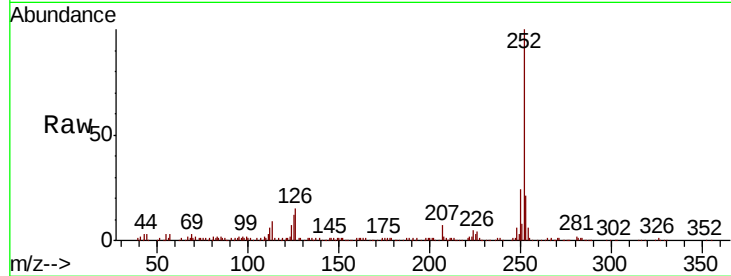
#90
Benzo(a)pyrene
Concen: 4.082 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Instrument :
BNA_F
ClientSampled :
7-(6-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	11.7	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.069 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF117842.D
Acq: 18 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	23.0	17.4	26.2

