

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117901.D
 Acq On : 21 Nov 2019 10:19
 Operator : JU
 Sample : K5904-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)

Manual Integrations
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 11/22/2019 1:20:55 PM

Quant Time: Nov 21 15:22:06 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	173145	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	677457	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	356743	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	711319	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	574311	20.00	ng	0.00
87) Perylene-d12	15.62	264	590376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	790069	80.77	ng	0.00
7) Phenol-d6	6.54	99	1083530	91.84	ng	0.00
23) Nitrobenzene-d5	7.47	82	668098	58.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	272663	72.19	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1319525	66.36	ng	-0.01
79) Terphenyl-d14	13.05	244	1637053	52.10	ng	0.00
Target Compounds						
10) Phenol	6.55	94	40576	3.310	ng	85
50) Dimethylphthalate	9.67	163	130283	5.208	ng	97
71) Phenanthrene	11.48	178	78377	2.192	ng	97
78) Pyrene	12.90	202	162405	3.499	ng	97
81) Benzo(a)anthracene	14.10	228	85194	2.245	ng	98
83) Chrysene	14.13	228	91325	2.483	ng	96
88) Benzo(b)fluoranthene	15.16	252	104964m	2.737	ng	

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

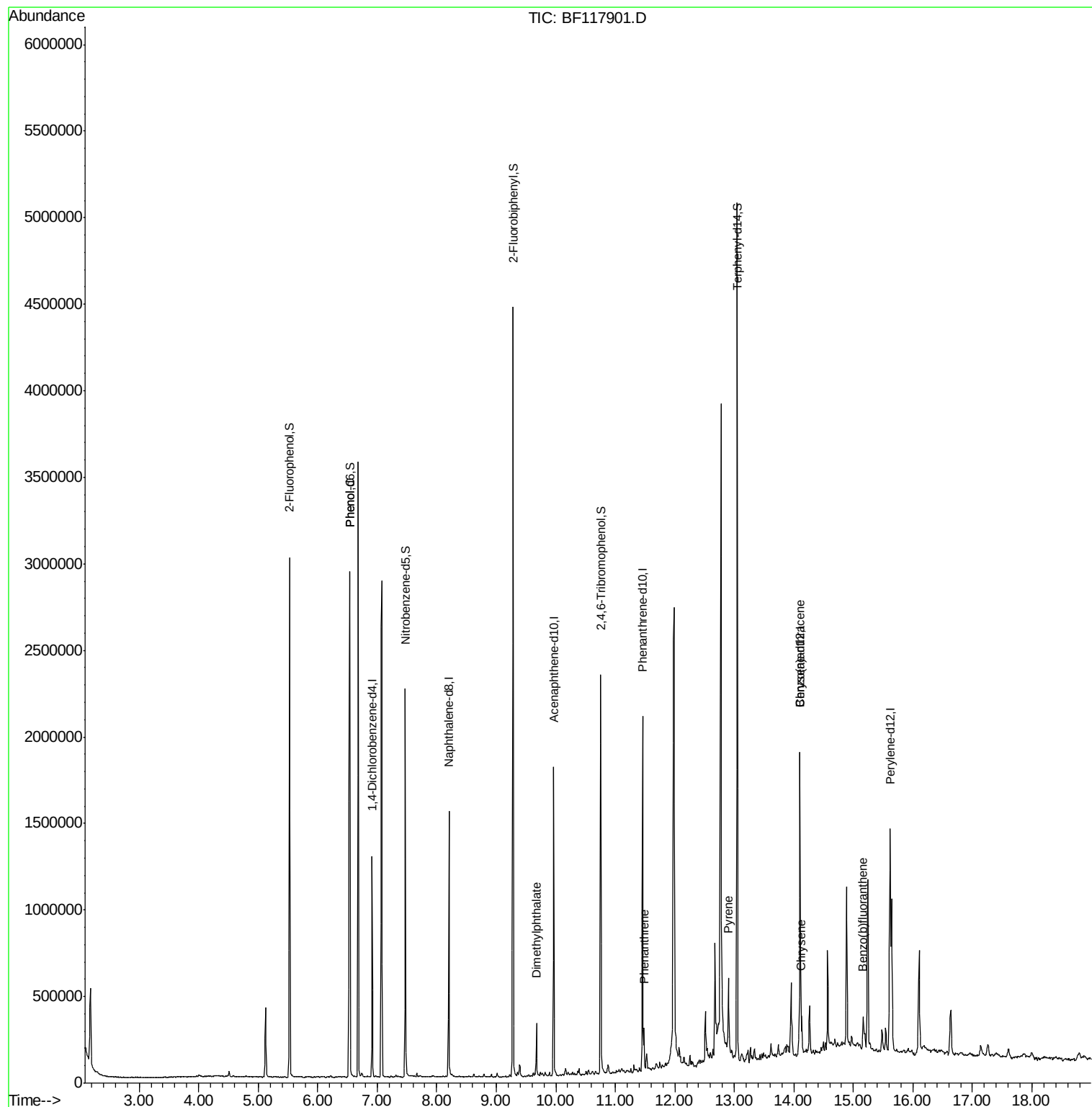
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117901.D
Acq On : 21 Nov 2019 10:19
Operator : JU
Sample : K5904-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

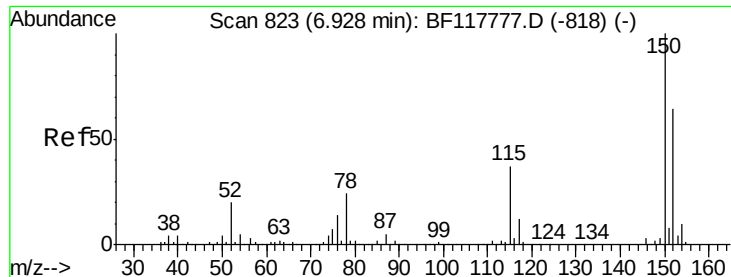
Instrument :
BNA_F
ClientSampleId :
1-(2-4)

Quant Time: Nov 21 15:22:06 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

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#1

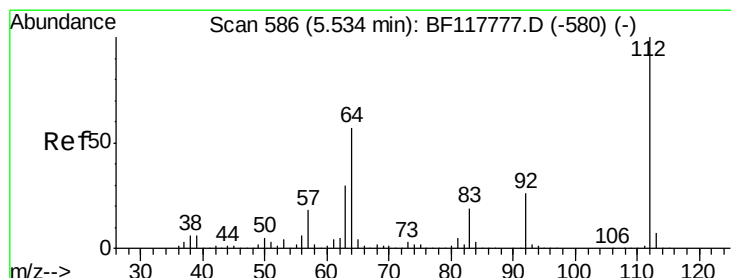
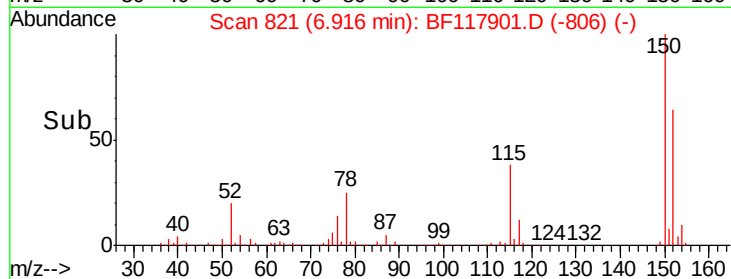
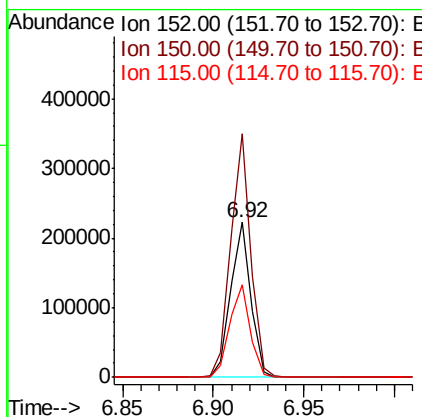
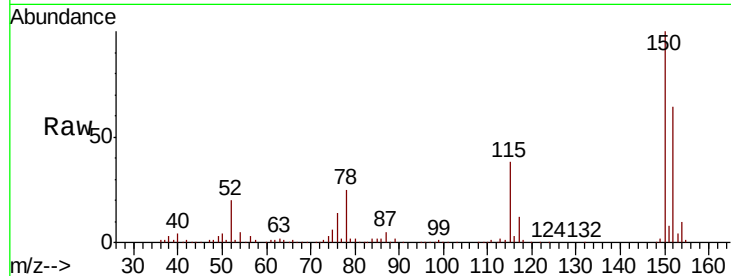
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampled :
1-(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.3	187.9
115	59.4	47.0	70.4

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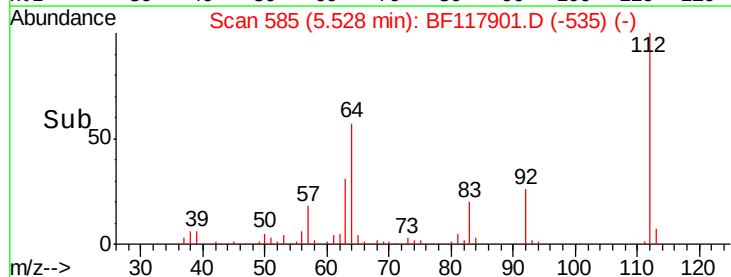
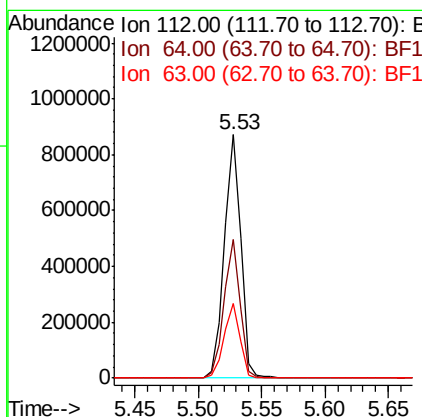
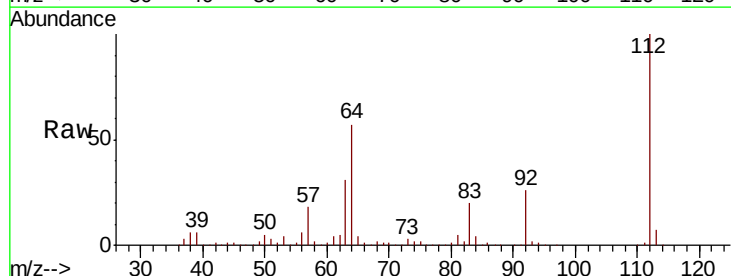
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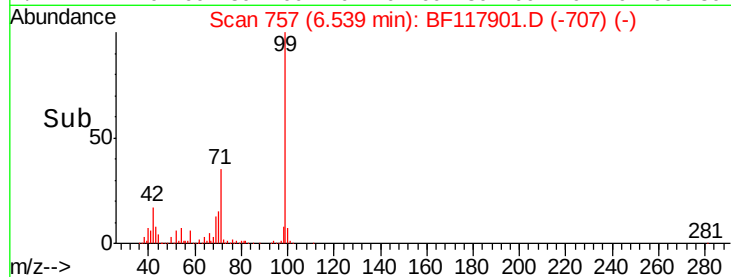
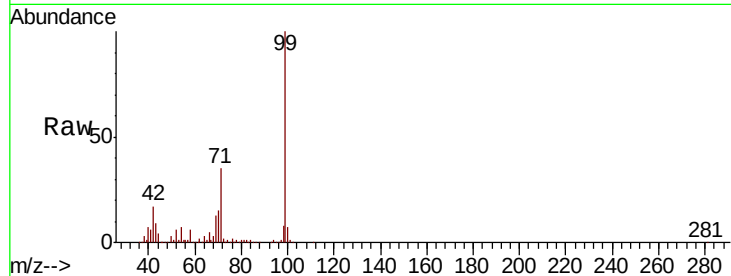
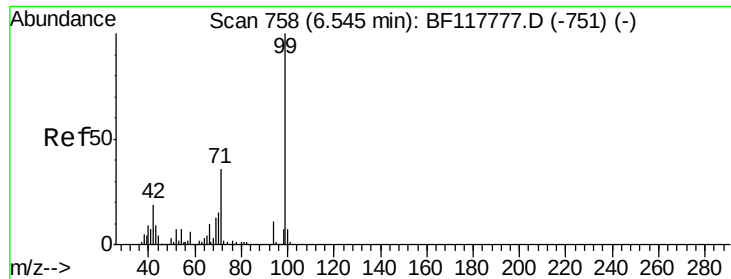


#5

2-Fluorophenol
Concen: 80.771 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.6	68.4
63	30.9	24.1	36.1





#7

Phenol-d6

Concen: 91.838 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117901.D

Acq: 21 Nov 2019 10:19

Tot Ion: 99 Resp: 1083530

Ion Ratio Lower Upper

99 100

42 17.0 14.9 22.3

71 35.4 28.6 43.0

Instrument :

BNA_F

ClientSampleId :

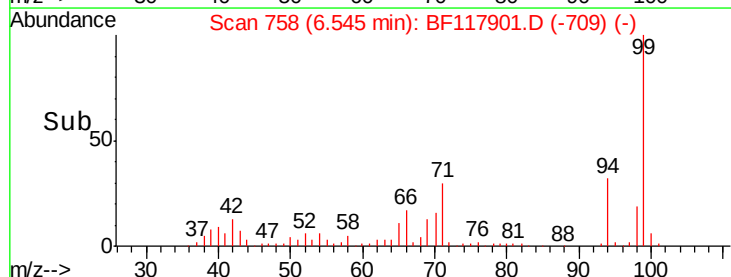
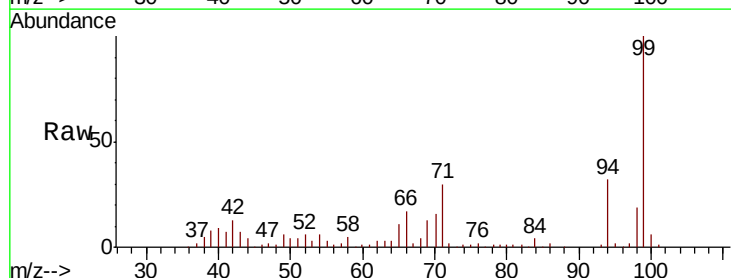
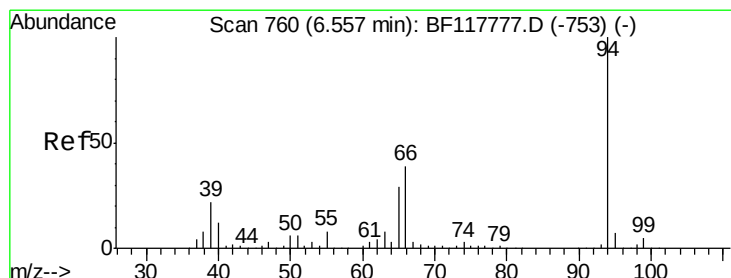
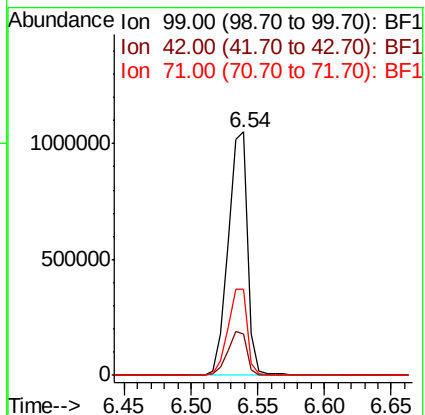
1-(2-4)

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#10

Phenol

Concen: 3.310 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117901.D

Acq: 21 Nov 2019 10:19

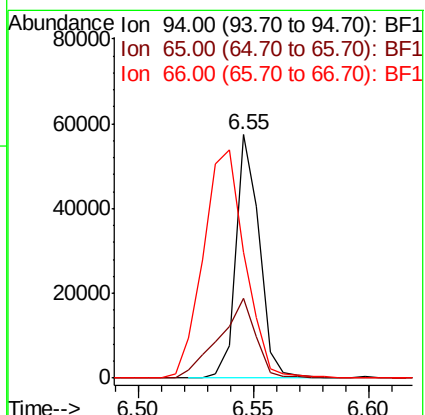
Tgt Ion: 94 Resp: 40576

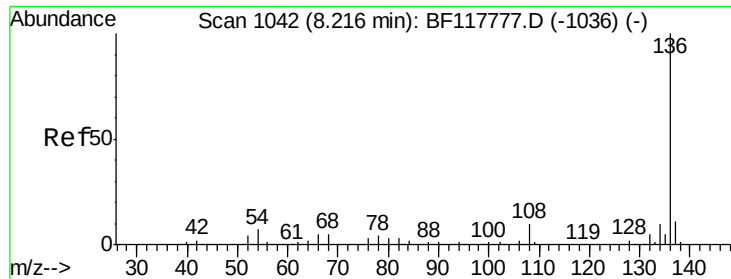
Ion Ratio Lower Upper

94 100

65 32.6 8.9 48.9

66 51.8 18.7 58.7





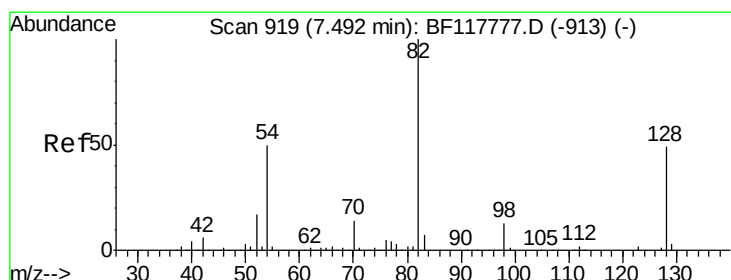
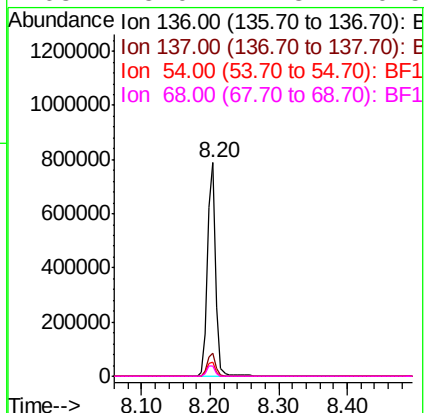
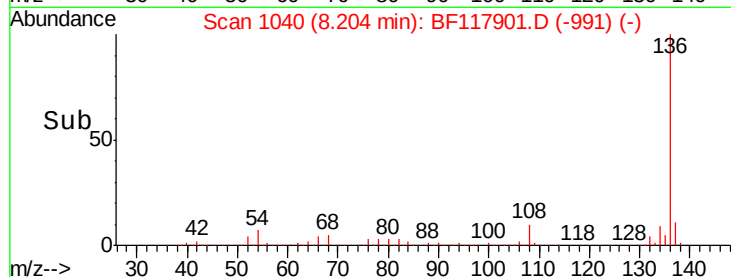
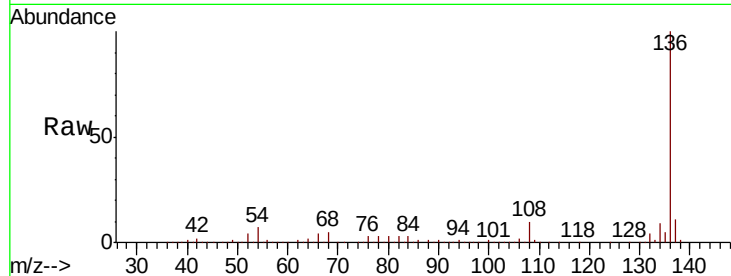
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampleId :
1-(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	677457		
137	10.8	9.0	13.4	
54	6.6	5.4	8.2	
68	5.0	4.3	6.5	

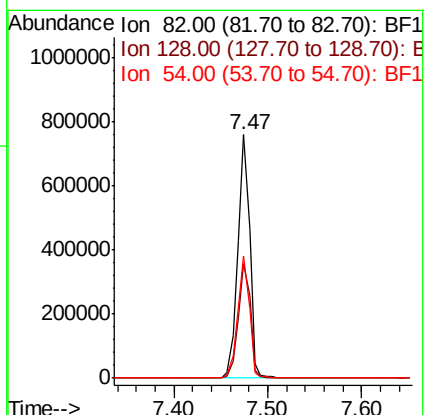
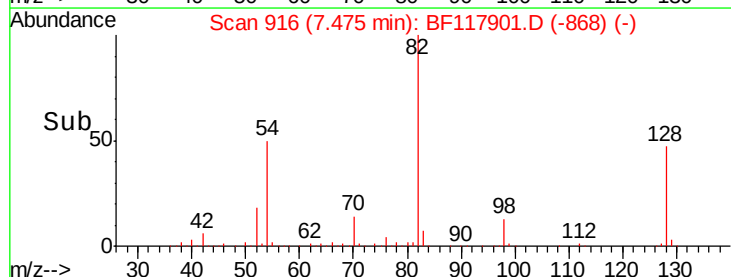
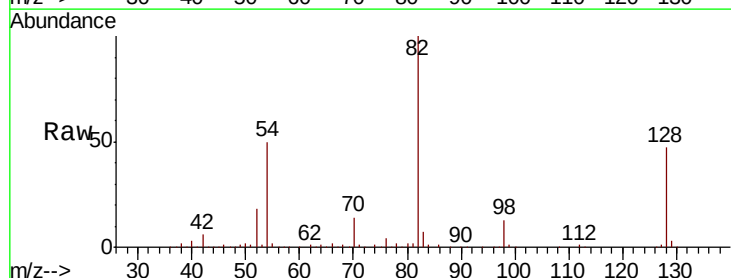
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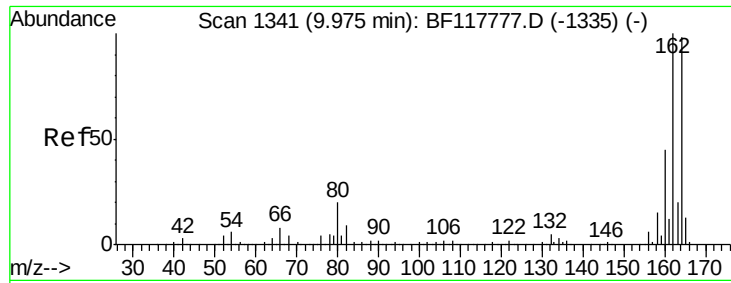
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#23
Nitrobenzene-d5
Concen: 58.625 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	668098		
128	47.1	38.9	58.3	
54	49.9	39.8	59.6	





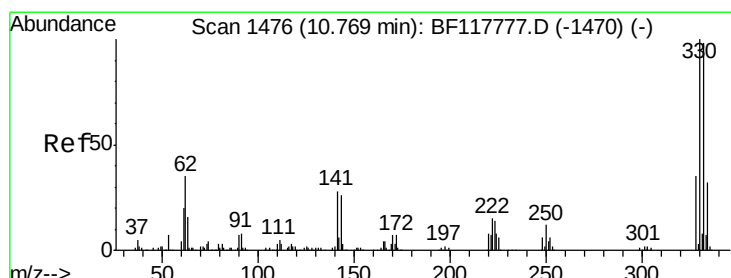
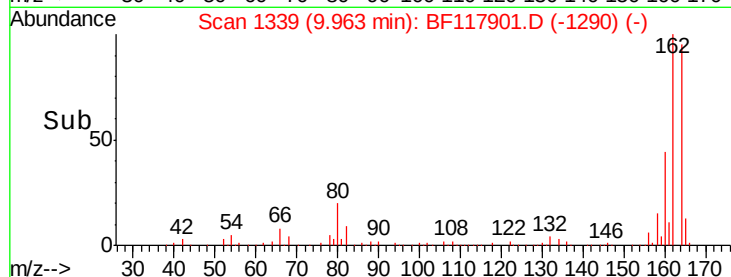
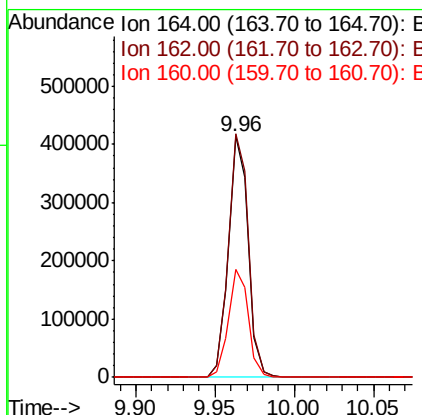
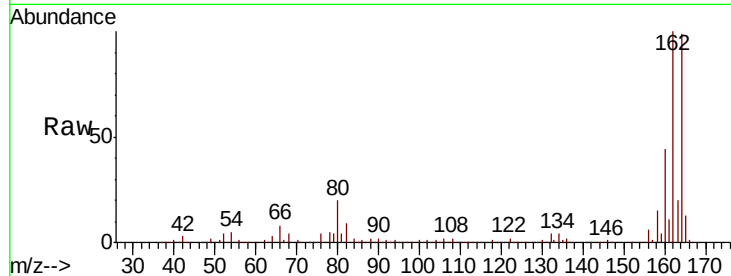
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampleId :
1-(2-4)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	44.9	36.6	55.0

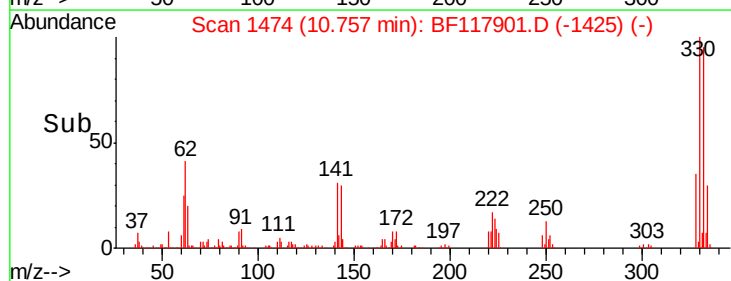
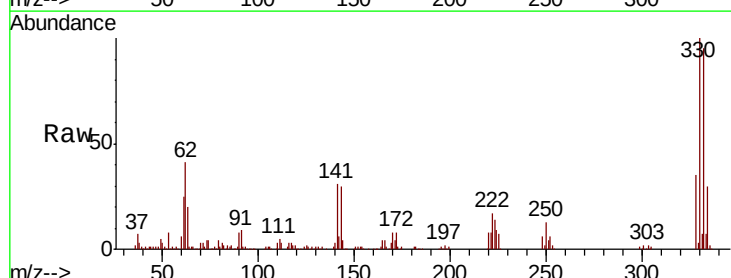
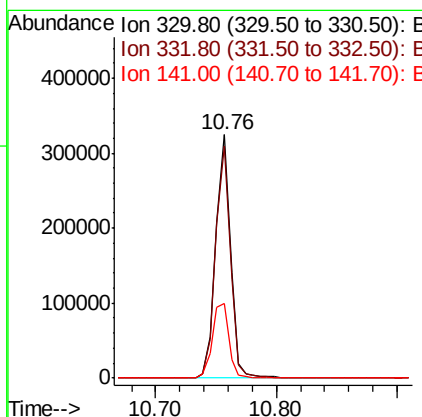
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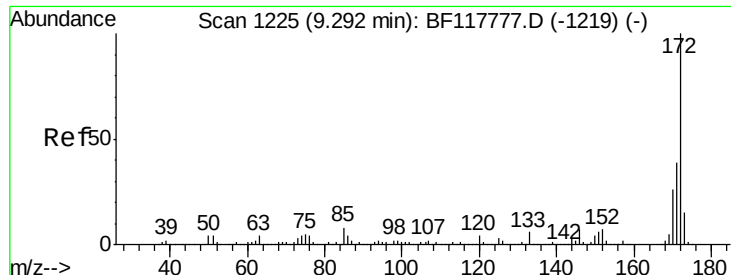
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#42
2,4,6-Tribromophenol
Concen: 72.194 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	34.3	27.7	41.5





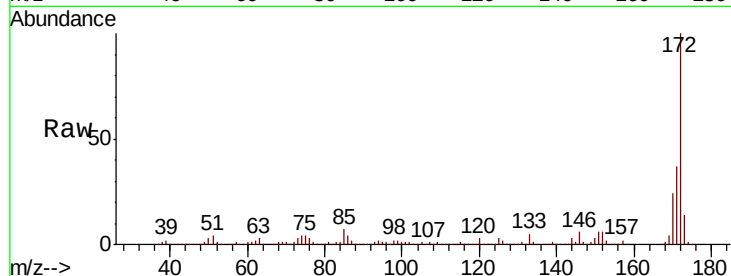
#45
2-Fluorobiphenyl
Concen: 66.358 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampleId :
1-(2-4)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.2	21.0	31.4

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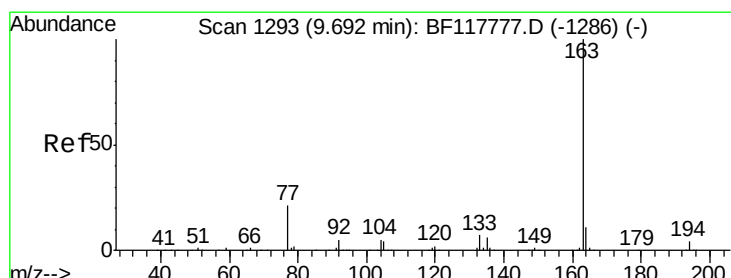
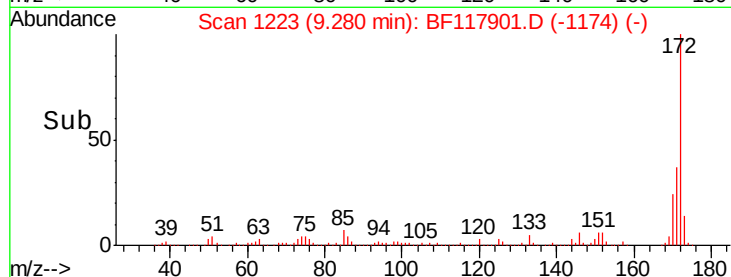
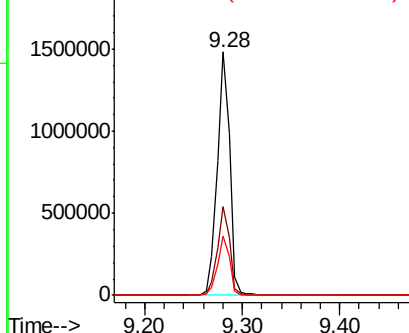


Abundance

Ion 172.00 (171.70 to 172.70): E

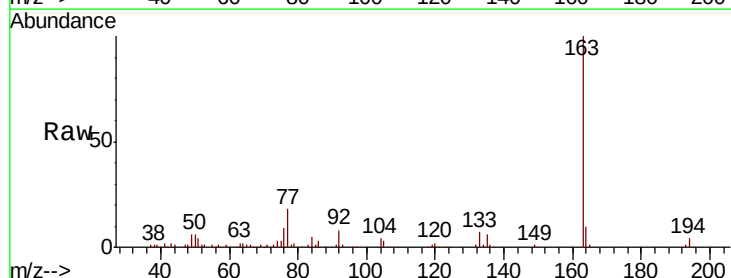
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.208 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.5	8.7	13.1

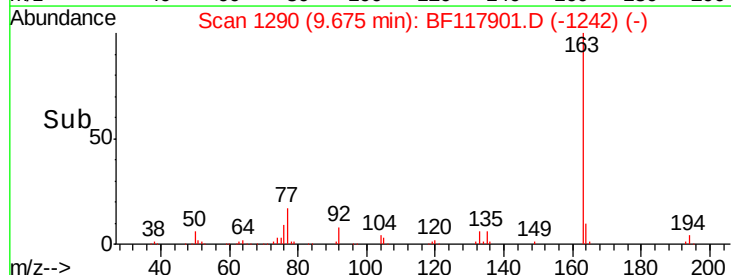
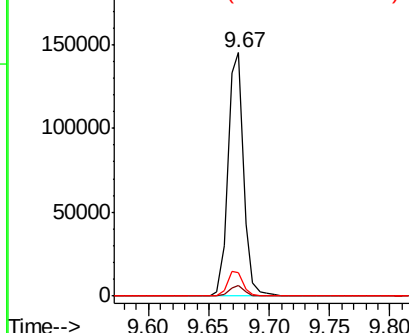


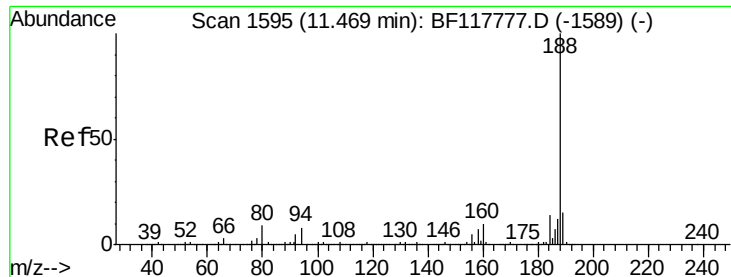
Abundance

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





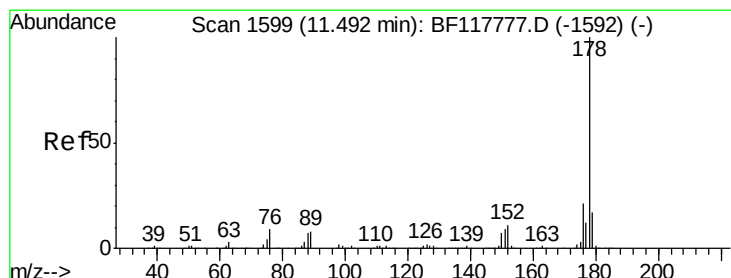
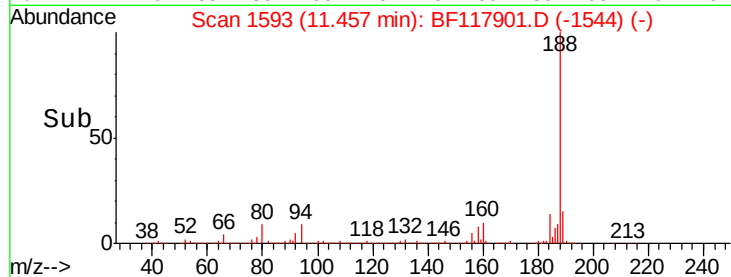
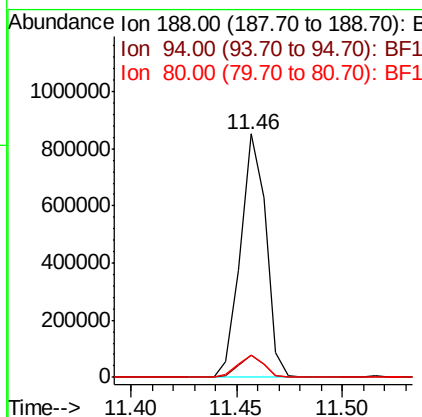
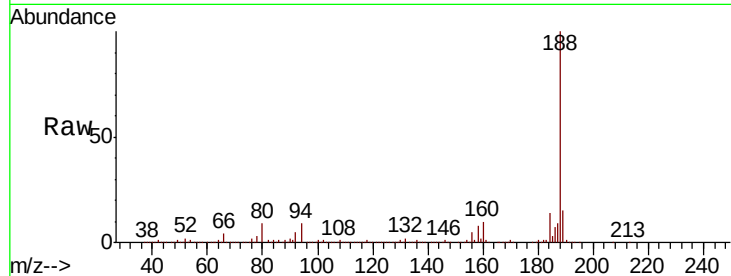
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampled :
1-(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	711319		
94	9.0		6.6	10.0
80	9.3		7.2	10.8

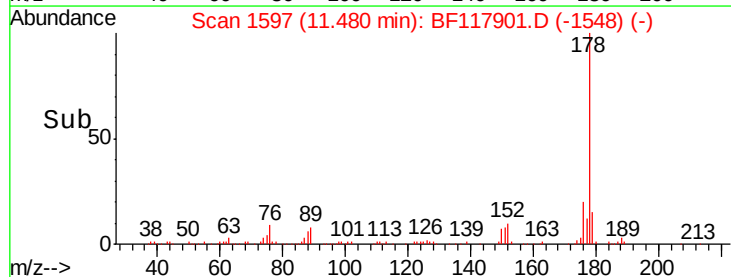
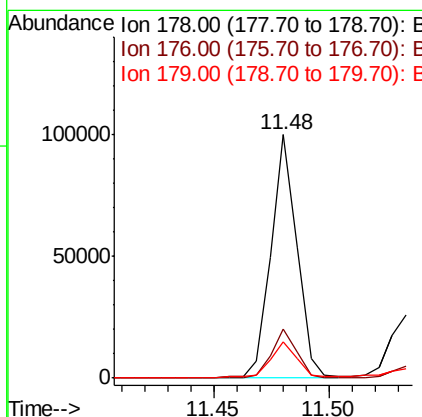
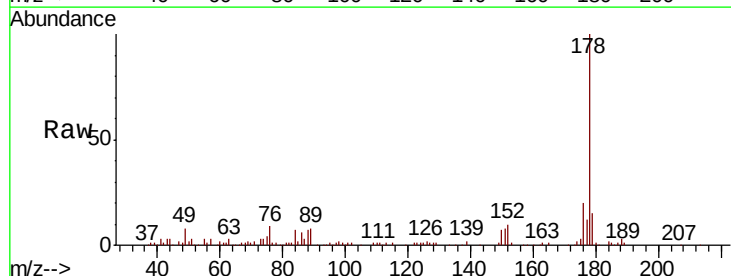
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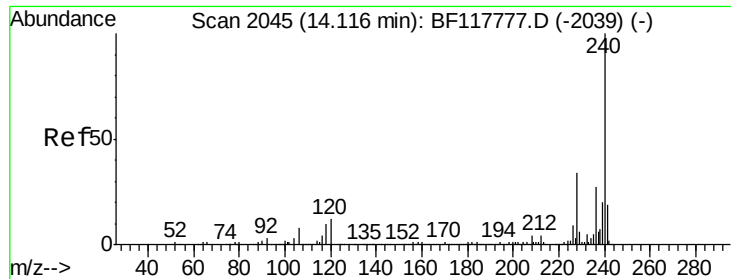
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#71
Phenanthrene
Concen: 2.192 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	78377		
176	20.0		16.6	25.0
179	14.7		13.2	19.8





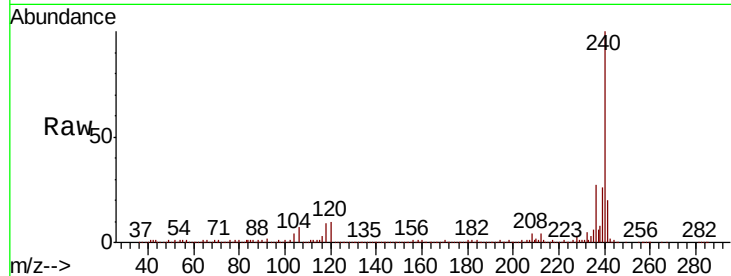
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampleId :
1-(2-4)

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.8	21.3	31.9

Manual Integrations
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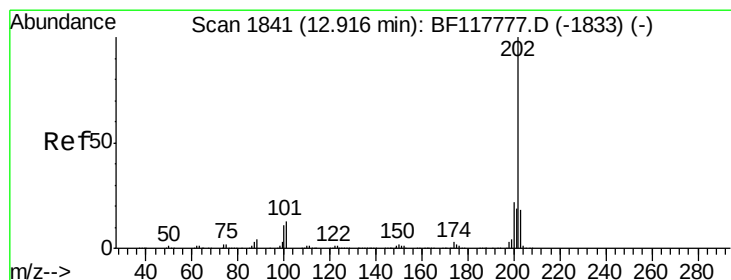
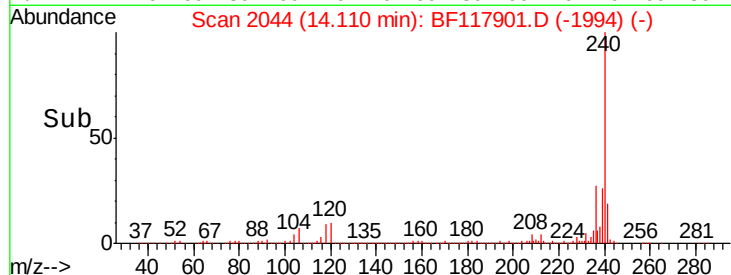
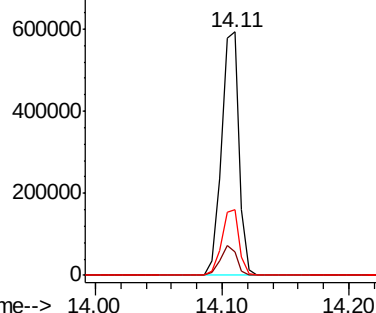


Abundance

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
Pyrene
Concen: 3.499 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

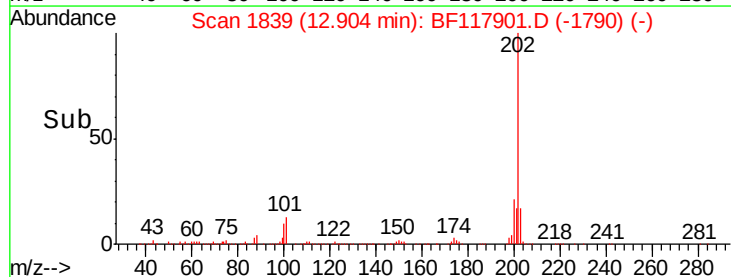
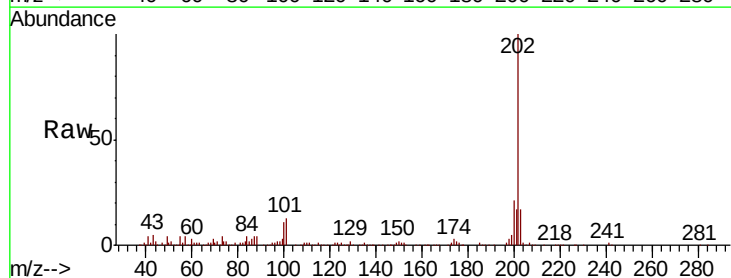
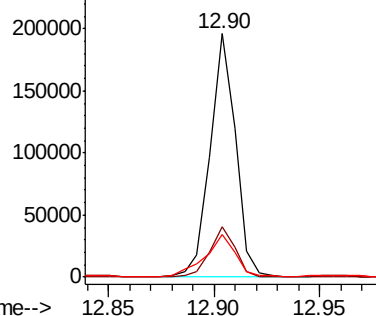
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.4	14.6	22.0

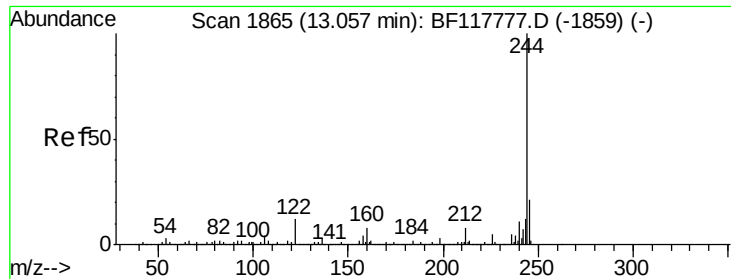
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





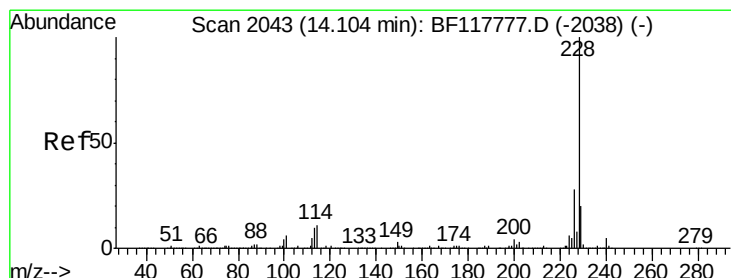
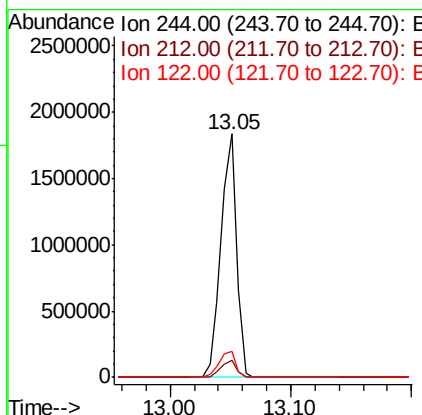
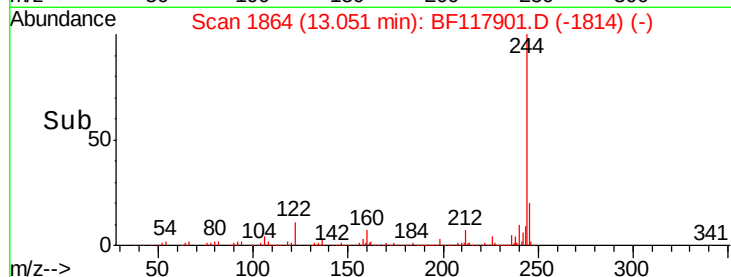
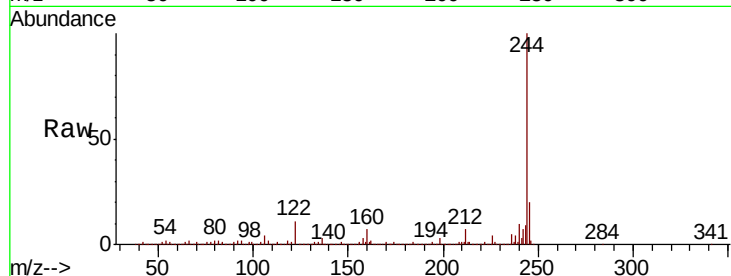
#79
 Terphenyl-d14
 Concen: 52.095 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117901.D
 Acq: 21 Nov 2019 10:19

Instrument :
 BNA_F
 ClientSampled :
 1-(2-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	10.7	9.4	14.2

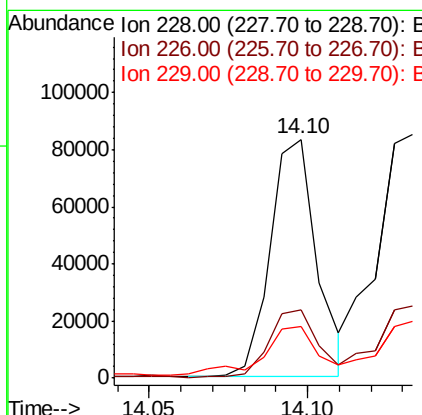
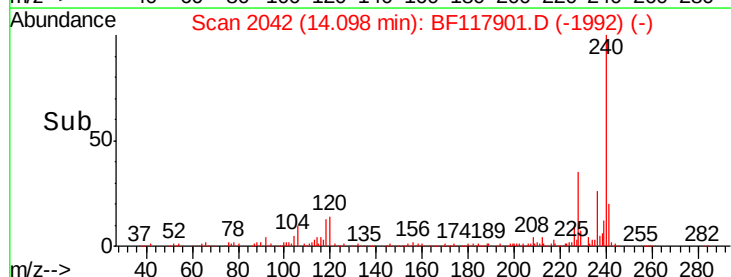
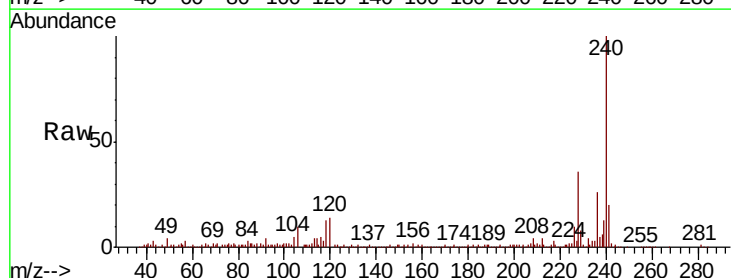
Manual Integrations
 APPROVED

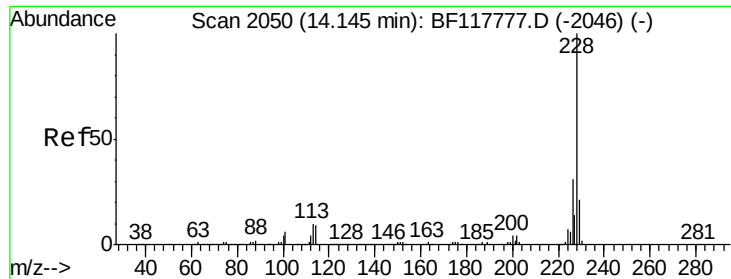
mohammad
 11/22/2019 1:20:55 PM



#81
 Benzo(a)anthracene
 Concen: 2.245 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF117901.D
 Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	21.4	15.9	23.9





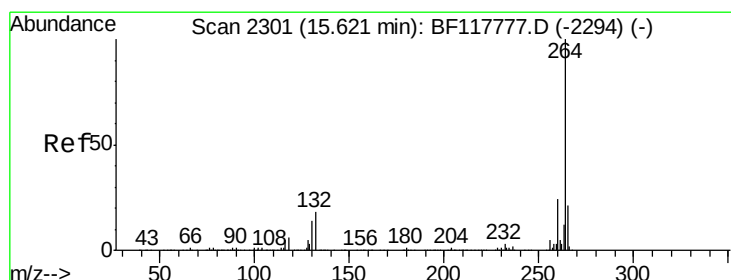
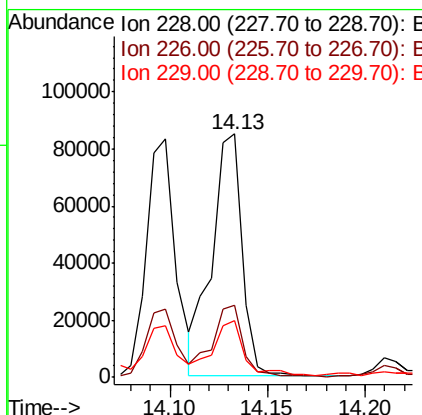
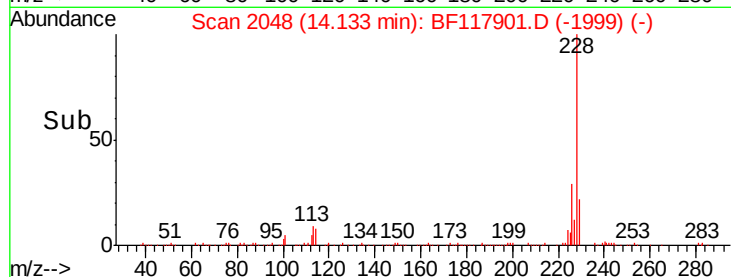
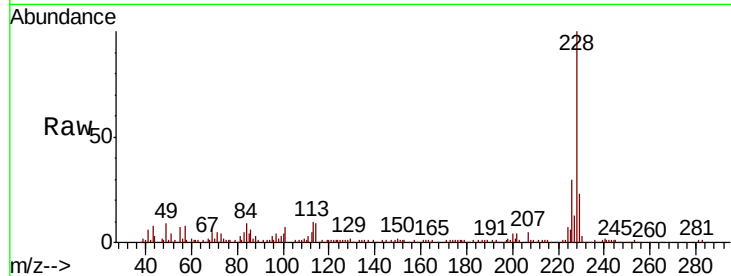
#83
Chrysene
Concen: 2.483 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Instrument :
BNA_F
ClientSampleId :
1-(2-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.4
229	23.2	16.6	25.0

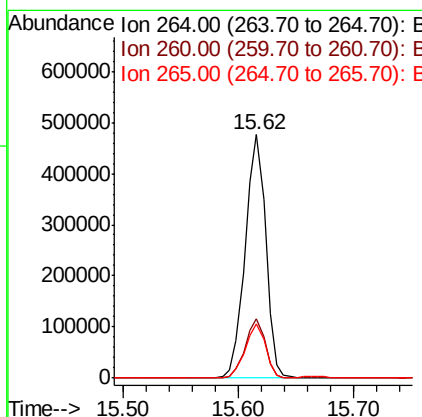
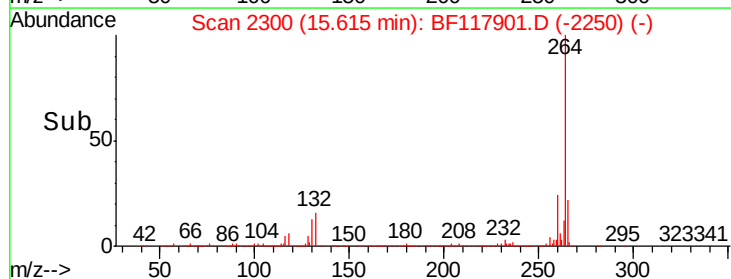
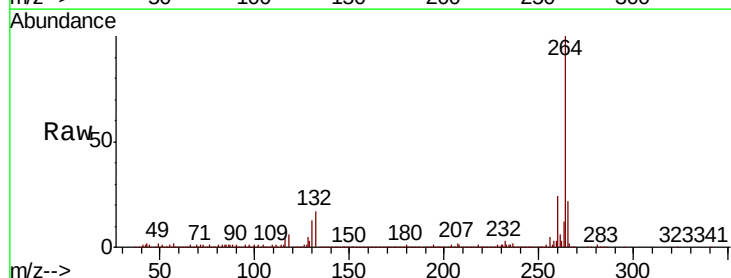
Manual Integrations
APPROVED

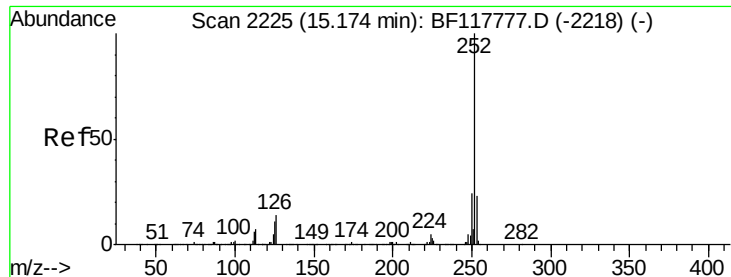
mohammad
11/22/2019 1:20:55 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117901.D
Acq: 21 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.1	17.1	25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.737 ng m
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF117901.D
 Acq: 21 Nov 2019 10:19

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.0	18.0	27.0
125	12.2	8.6	13.0

Manual Integrations
 APPROVED

mohammad
 11/22/2019 1:20:55 PM

