

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117905.D
 Acq On : 21 Nov 2019 12:06
 Operator : JU
 Sample : K5927-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3

Manual Integrations
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 11/22/2019 1:20:49 PM

Quant Time: Nov 21 15:35:01 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	154576	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	616051	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	302694	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	677970	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	541713	20.00	ng	-0.01
87) Perylene-d12	15.62	264	524790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	887908	101.68	ng	0.00
7) Phenol-d6	6.54	99	1146907	108.89	ng	0.00
23) Nitrobenzene-d5	7.47	82	703361	67.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	351388	109.65	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1424760	84.44	ng	-0.01
79) Terphenyl-d14	13.05	244	1777998	59.99	ng	0.00
Target Compounds						
10) Phenol	6.55	94	28594	2.612	ng	79
50) Dimethylphthalate	9.67	163	248548	11.709	ng	97
71) Phenanthrene	11.48	178	94144	2.762	ng	96
78) Pyrene	12.90	202	127213	2.906	ng	97
81) Benzo(a)anthracene	14.09	228	77560	2.167	ng	99
88) Benzo(b)fluoranthene	15.16	252	79945m	2.345	ng	

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

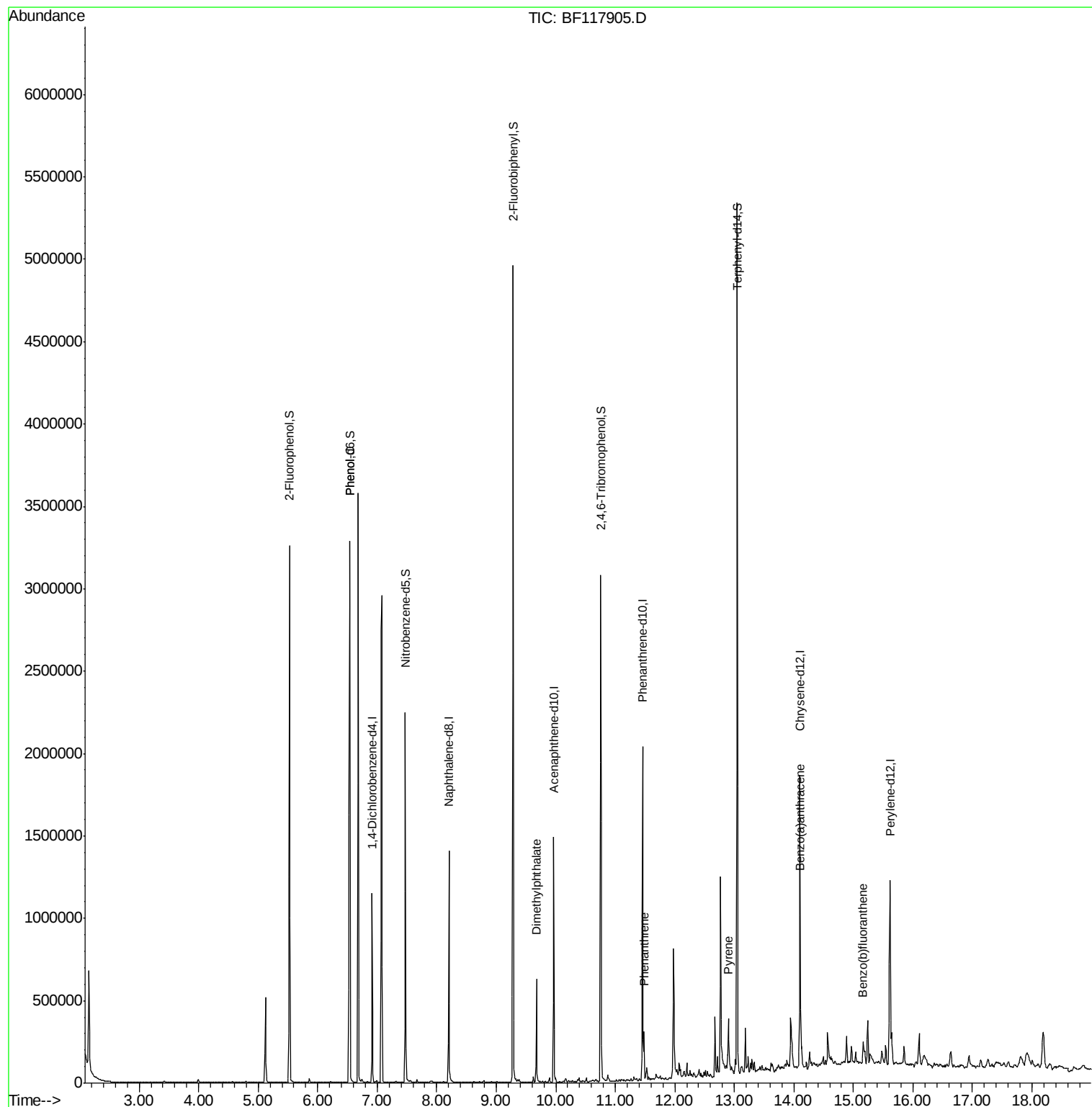
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117905.D
Acq On : 21 Nov 2019 12:06
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Sample : K5927-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

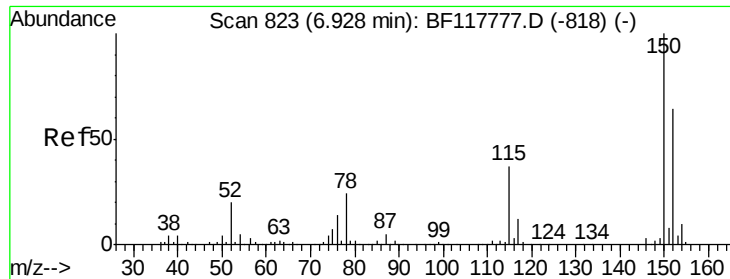
Instrument :
BNA_F
ClientSampleId :
B-3

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Quant Time: Nov 21 15:35:01 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

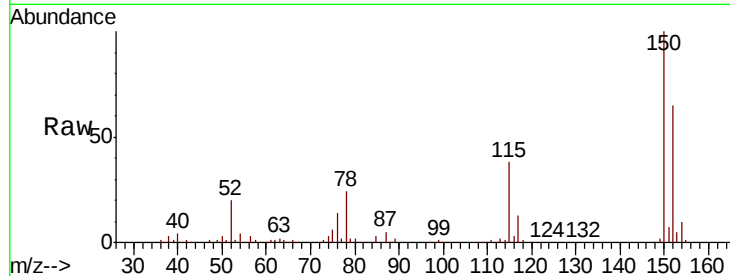
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Instrument :
BNA_F
ClientSampleId :
B-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.3	187.9
115	58.7	47.0	70.4

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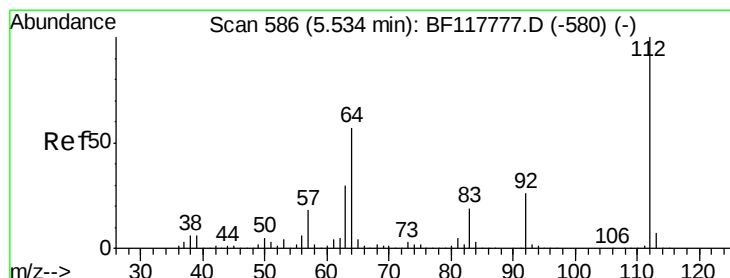
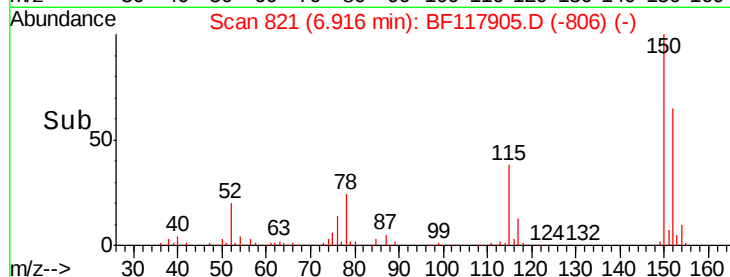
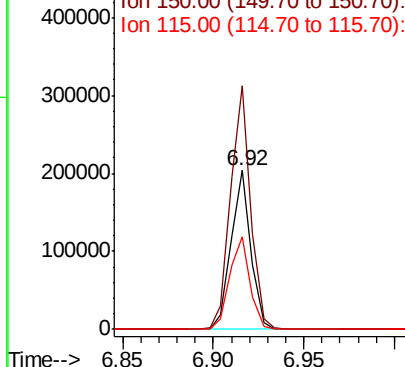


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

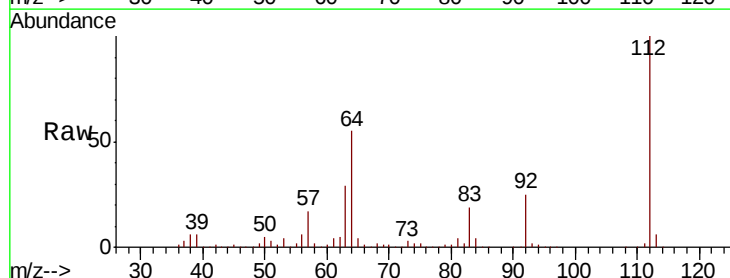
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.678 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.6	68.4
63	29.5	24.1	36.1

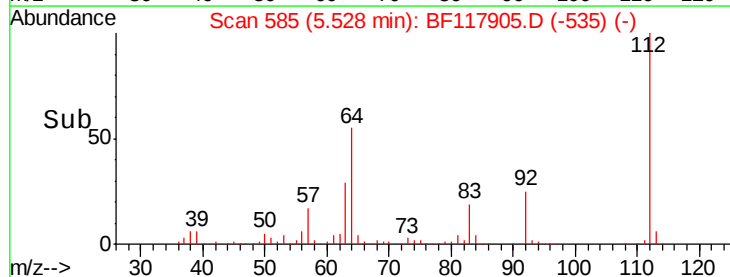
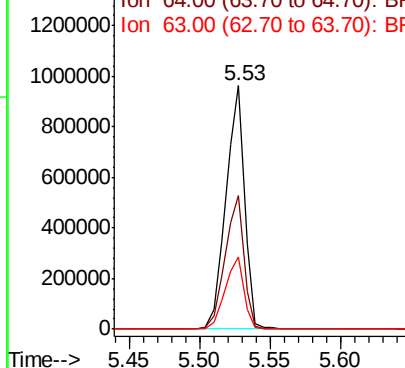


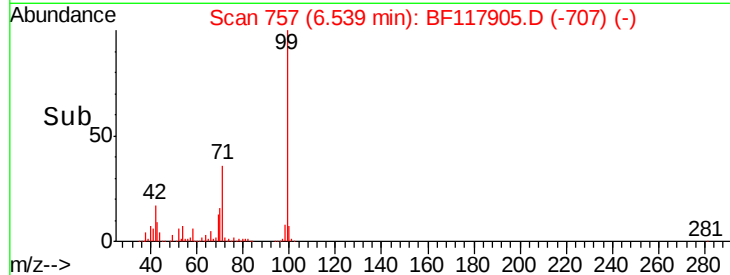
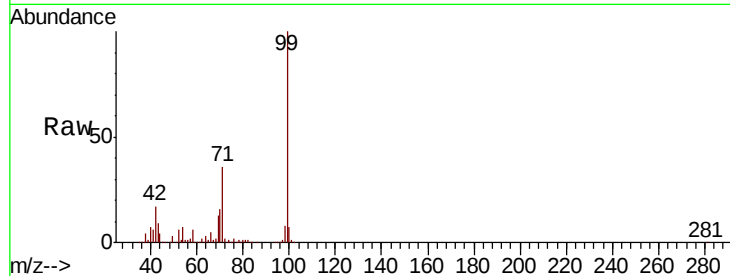
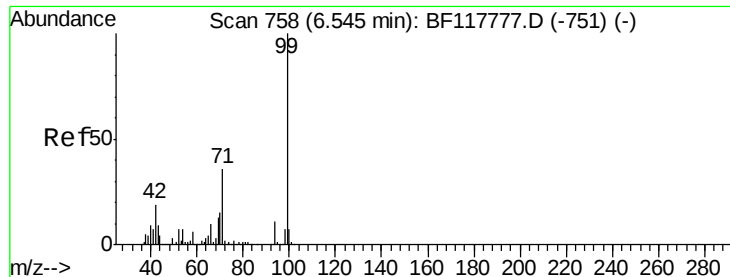
Abundance

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: 108.888 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117905.D

Acq: 21 Nov 2019 12:06

Tot Ion:	99	Resp:	1146907
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	36.2	28.6	43.0

Instrument :

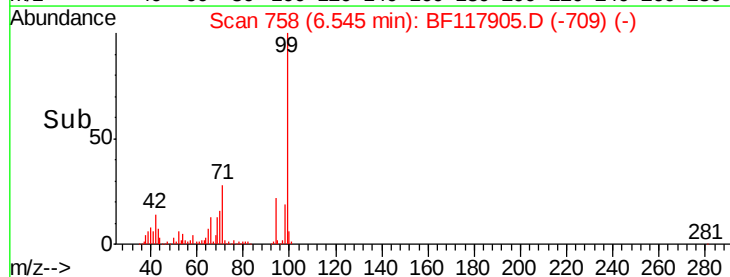
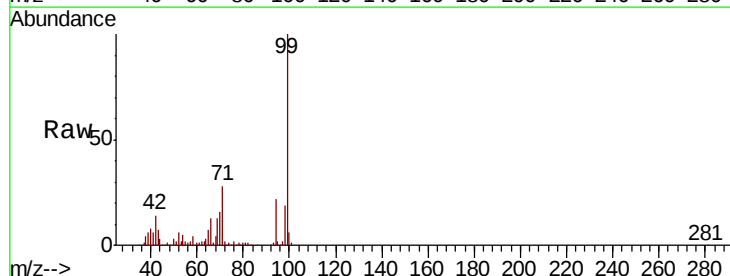
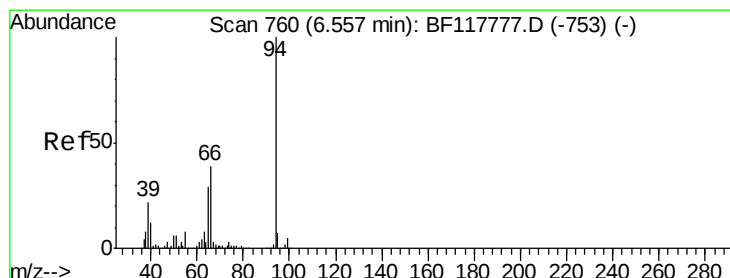
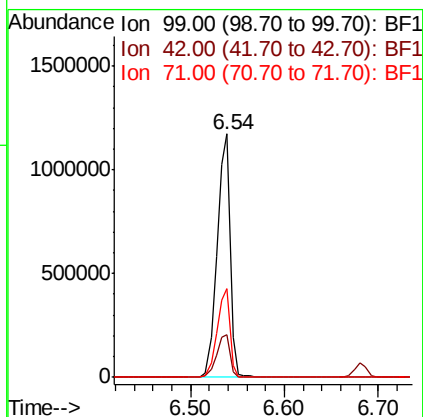
BNA_F

ClientSampleId :

B-3

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#10

Phenol

Concen: 2.612 ng

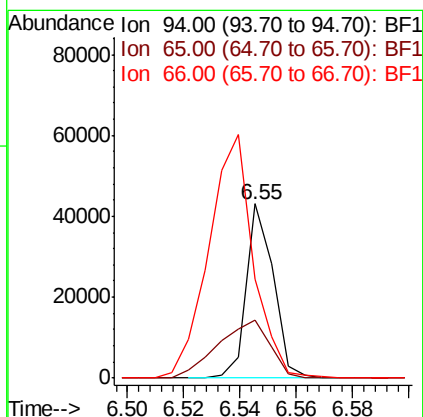
RT: 6.55 min Scan# 758

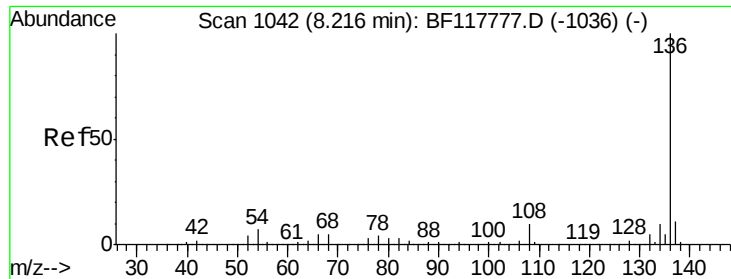
Delta R.T. -0.01 min

Lab File: BF117905.D

Acq: 21 Nov 2019 12:06

Tgt Ion:	94	Resp:	28594
Ion	Ratio	Lower	Upper
94	100		
65	33.7	8.9	48.9
66	57.0	18.7	58.7





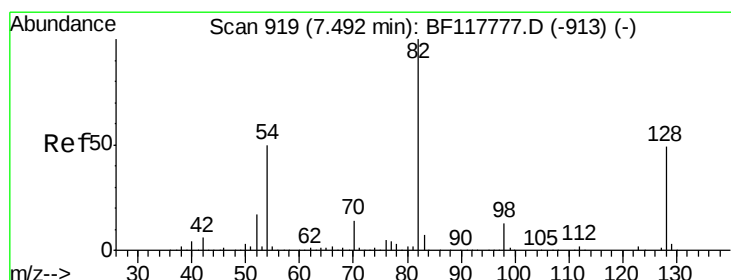
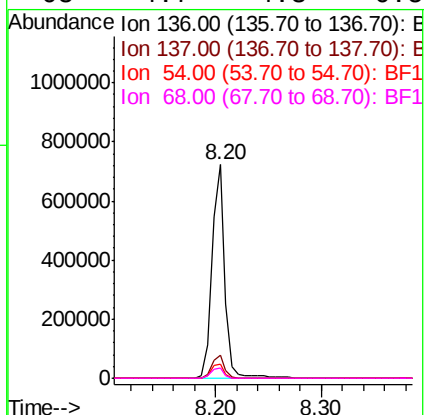
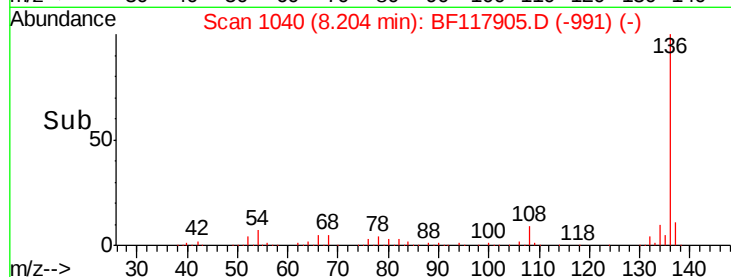
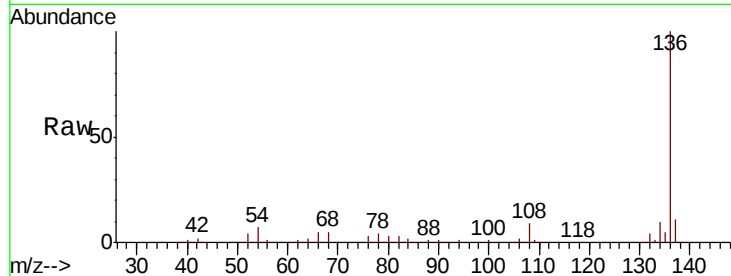
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Instrument :
BNA_F
ClientSampleId :
B-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6	9.0	13.4		
54	6.7	5.4	8.2		
68	4.7	4.3	6.5		

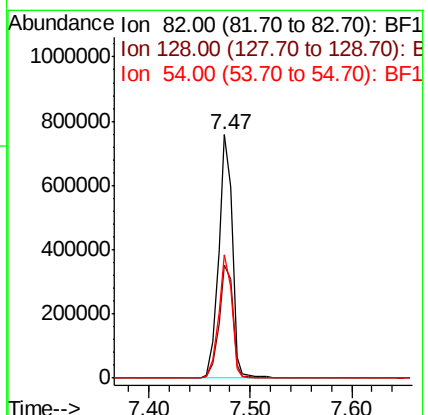
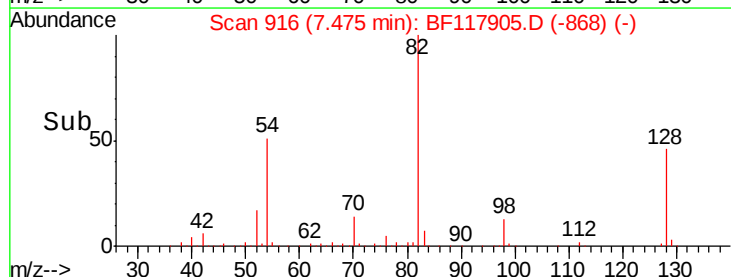
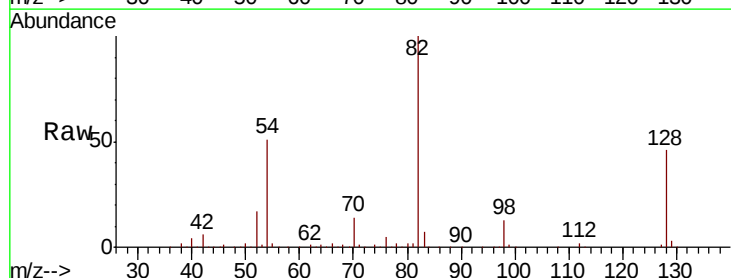
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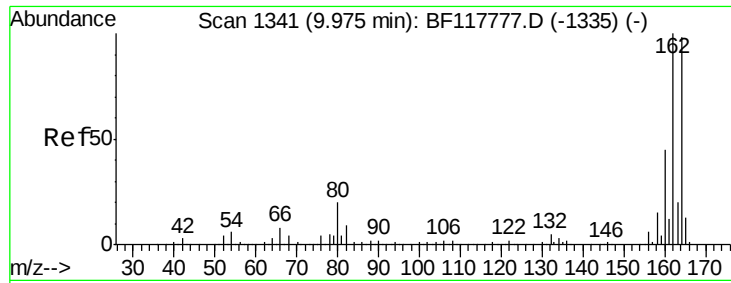
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#23
Nitrobenzene-d5
Concen: 67.871 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	46.5	38.9	58.3		
54	50.6	39.8	59.6		





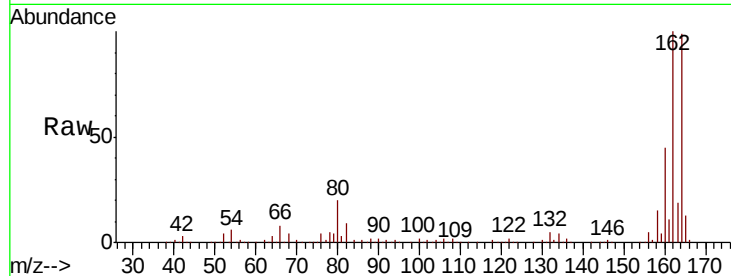
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Instrument :
BNA_F
ClientSampleId :
B-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	45.1	36.6	55.0

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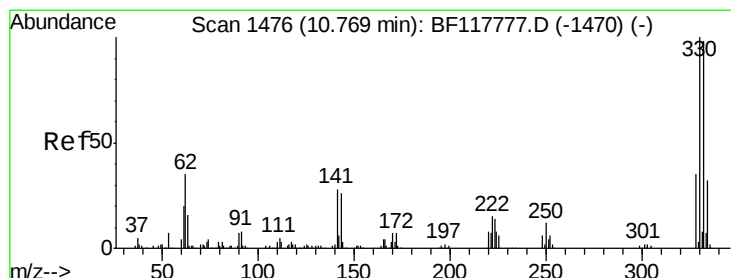
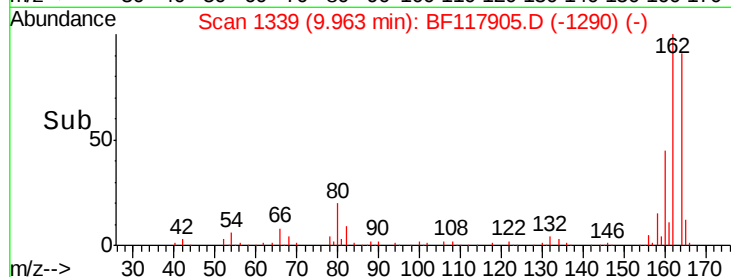
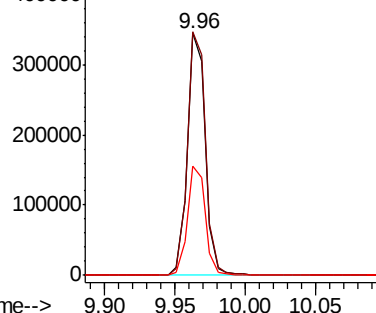


Abundance

Ion 164.00 (163.70 to 164.70): E

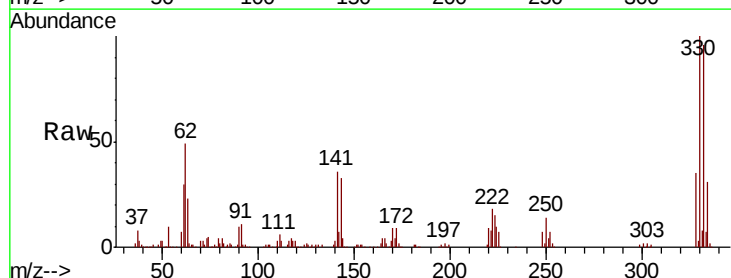
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 109.652 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	35.0	27.7	41.5

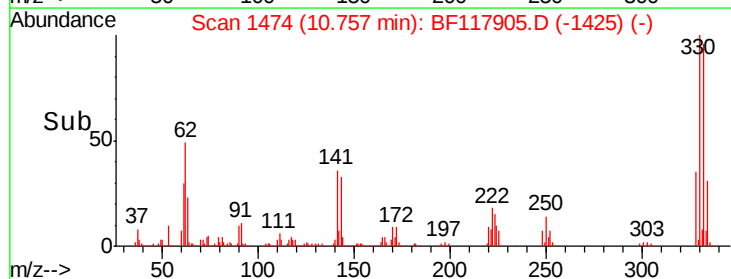
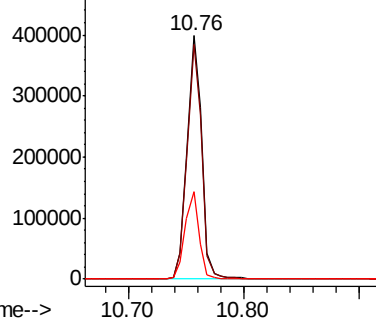


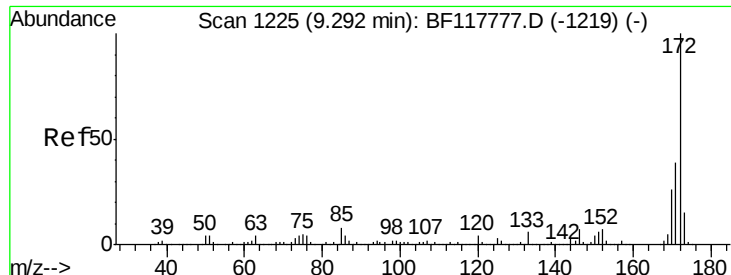
Abundance

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





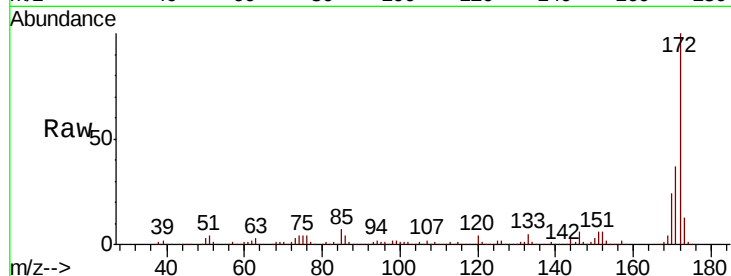
#45
2-Fluorobiphenyl
Concen: 84.444 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Instrument :
BNA_F
ClientSampleId :
B-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.3	21.0	31.4

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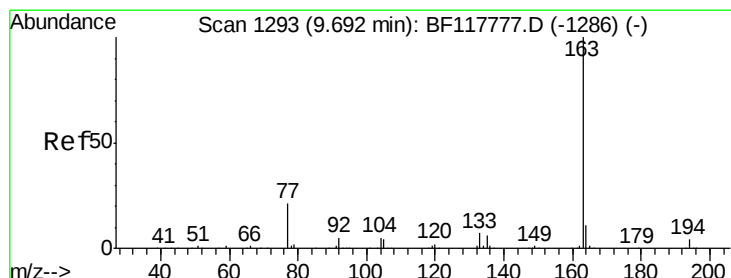
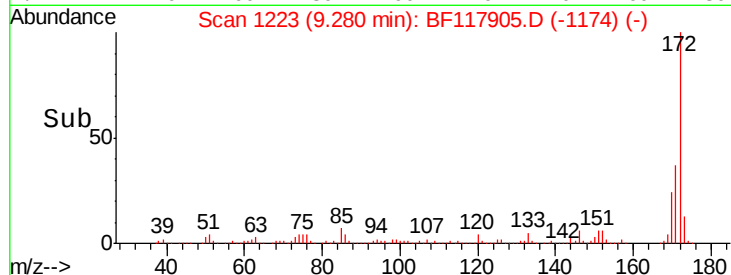
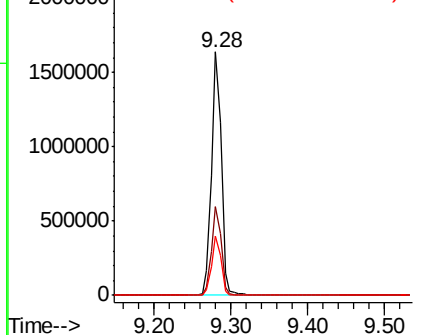


Abundance

Ion 172.00 (171.70 to 172.70): E

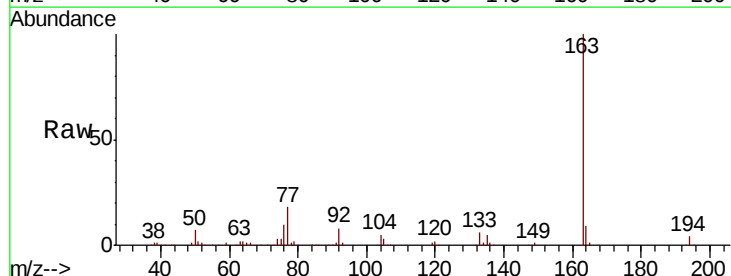
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 11.709 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.5	8.7	13.1

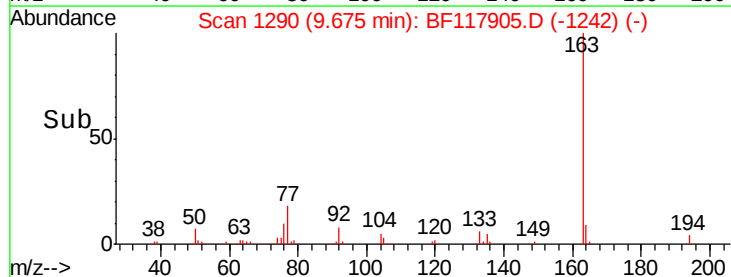
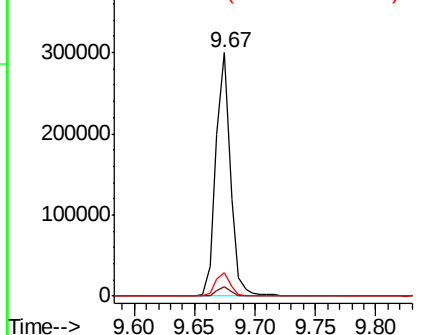


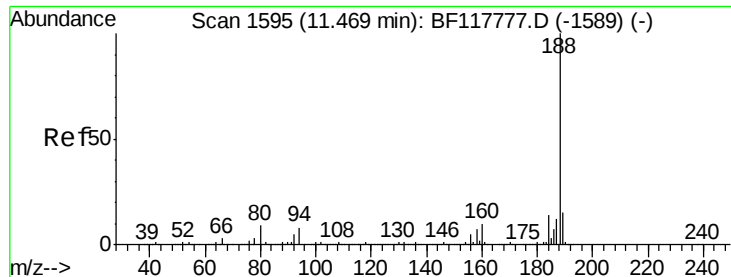
Abundance

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: BF117905.D

Acq: 21 Nov 2019 12:06

Instrument :

BNA_F

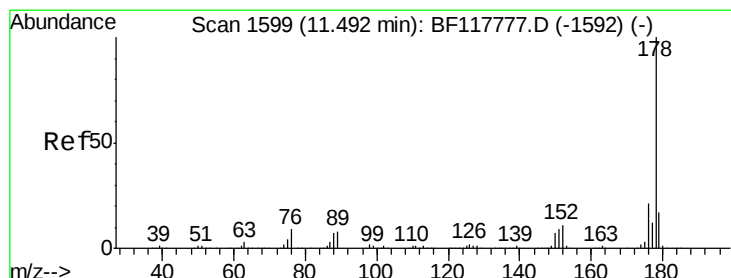
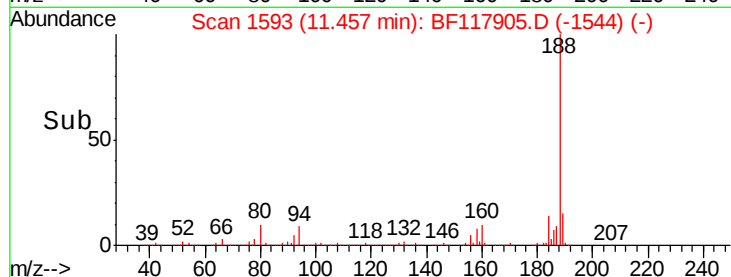
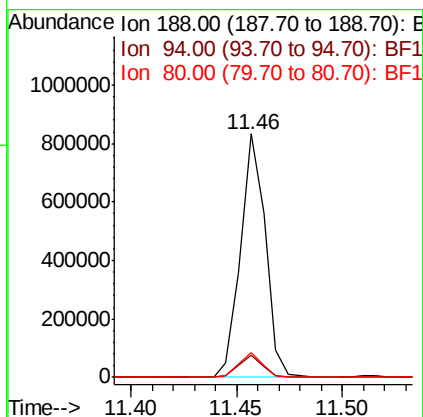
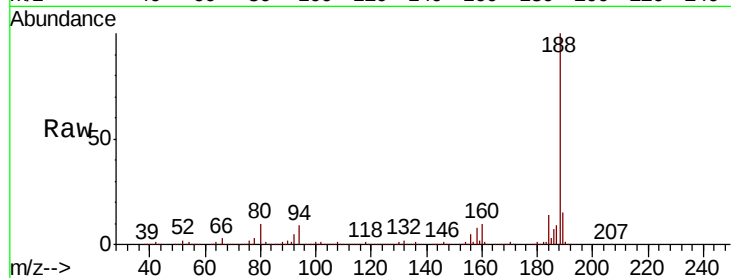
ClientSampled :

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Tot Ion:188	Resp:	677970
Ion Ratio	Lower	Upper
188 100		
94 8.9	6.6	10.0
80 10.4	7.2	10.8

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#71

Phenanthrene

Concen: 2.762 ng

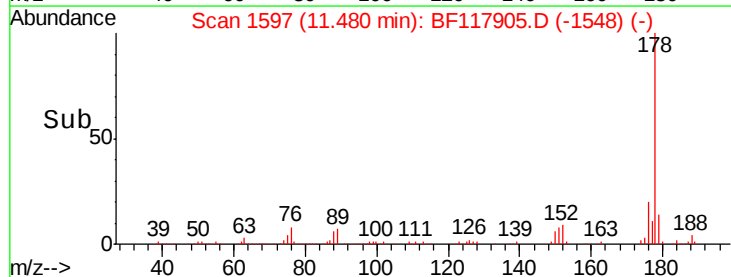
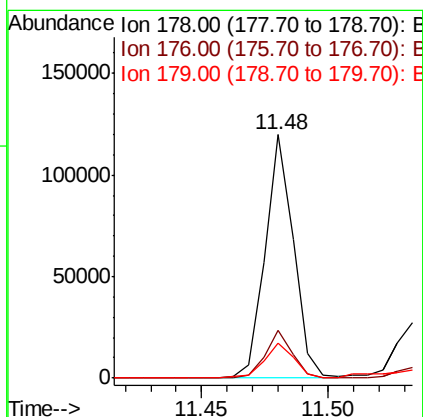
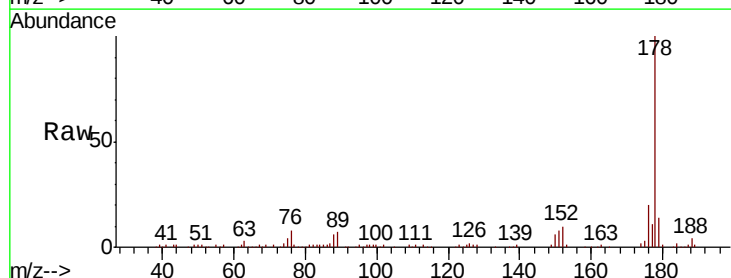
RT: 11.48 min Scan# 1597

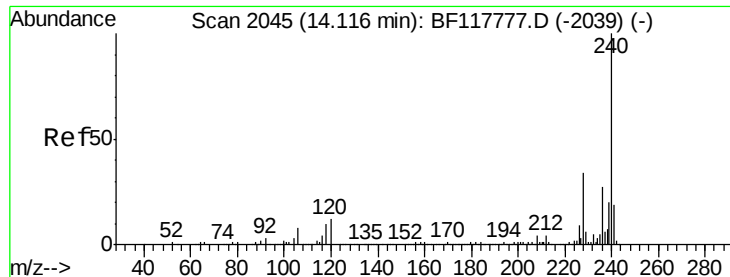
Delta R.T. -0.01 min

Lab File: BF117905.D

Acq: 21 Nov 2019 12:06

Tgt Ion:178	Resp:	94144
Ion Ratio	Lower	Upper
178 100		
176 19.6	16.6	25.0
179 14.4	13.2	19.8





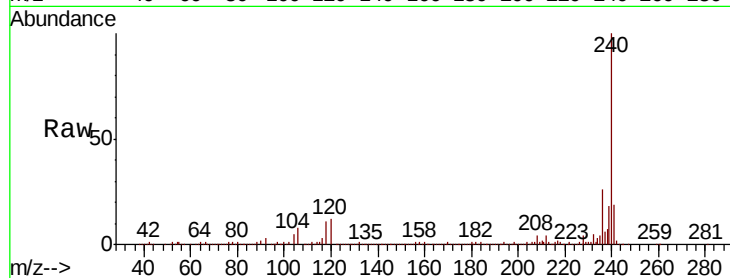
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Instrument :
BNA_F
ClientSampleId :
B-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	541713		
120	12.0	9.5	14.3	
236	25.9	21.3	31.9	

Manual Integrations
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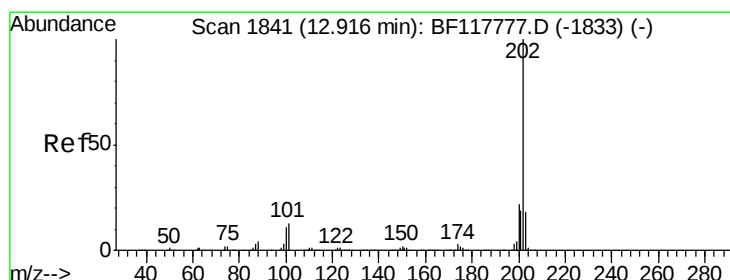
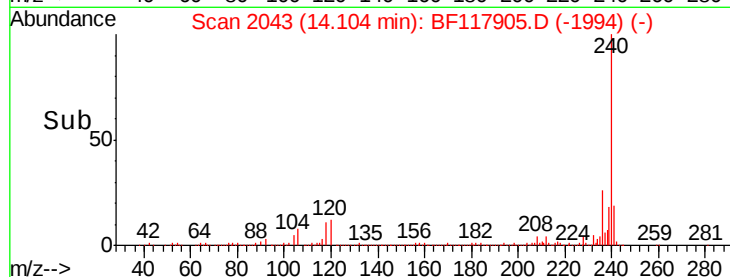
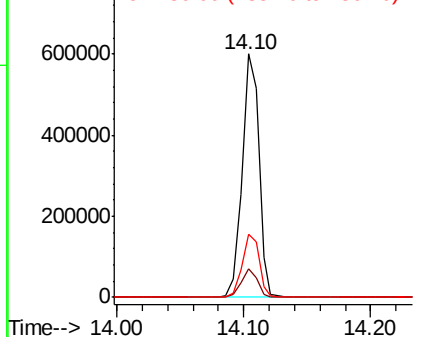


Abundance

Ion 240.00 (239.70 to 240.70): E

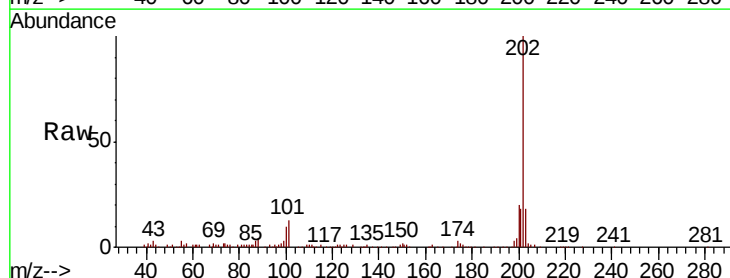
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.906 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117905.D
Acq: 21 Nov 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	127213		
200	20.1	17.8	26.8	
203	17.9	14.6	22.0	

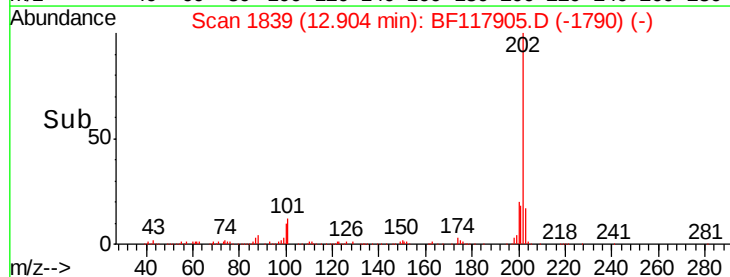
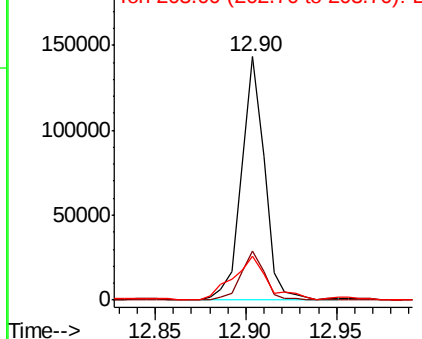


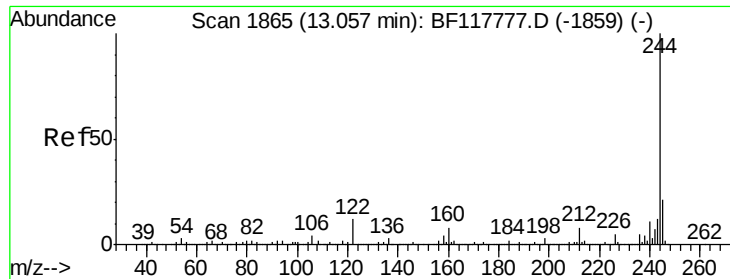
Abundance

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





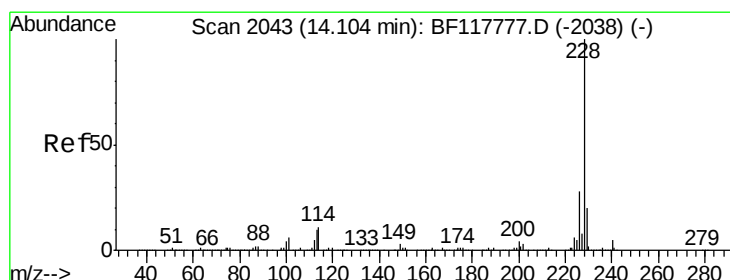
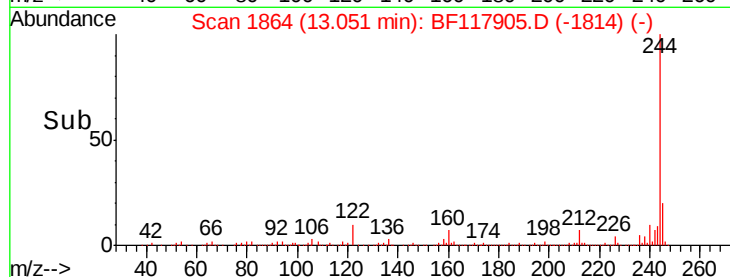
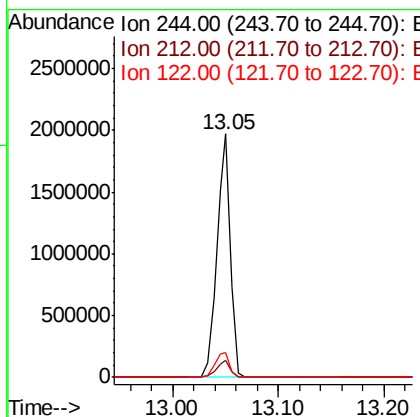
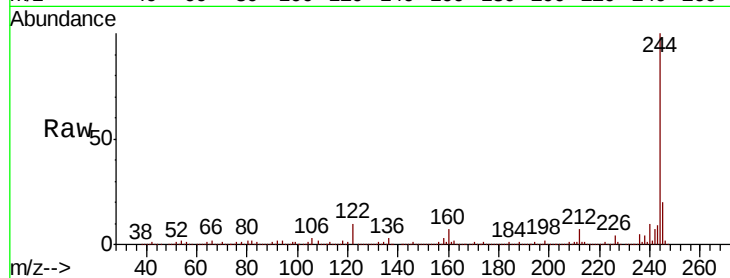
#79
 Terphenyl-d14
 Concen: 59.985 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117905.D
 Acq: 21 Nov 2019 12:06

Instrument :
 BNA_F
 ClientSampled :
 B-3

Tot Ion:244 Resp: 1777998
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 10.4 9.4 14.2

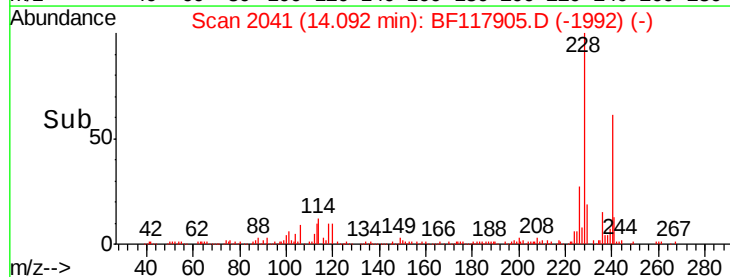
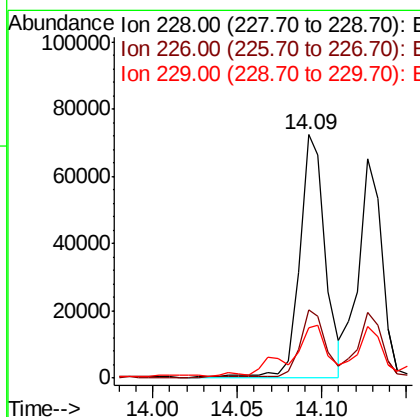
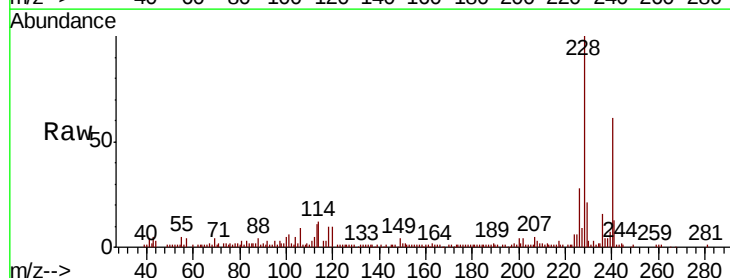
Manual Integrations
 APPROVED

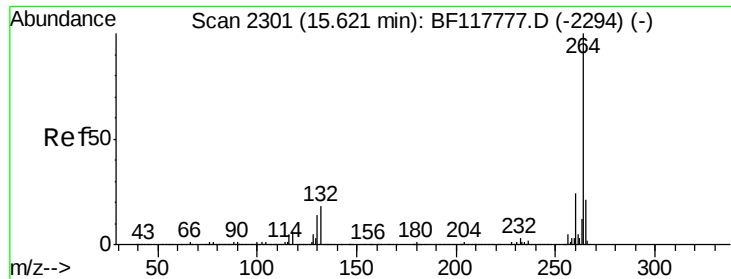
mohammad
 11/22/2019 1:20:49 PM



#81
 Benzo(a)anthracene
 Concen: 2.167 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF117905.D
 Acq: 21 Nov 2019 12:06

Tgt Ion:228 Resp: 77560
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.2 33.2
 229 20.8 15.9 23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117905.D

Acq: 21 Nov 2019 12:06

Instrument :

BNA_F

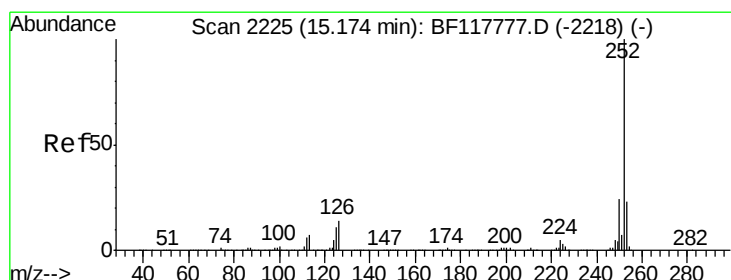
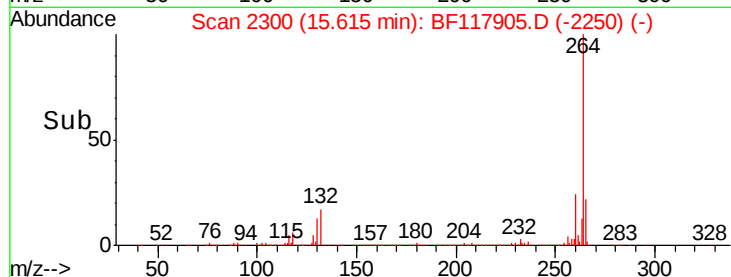
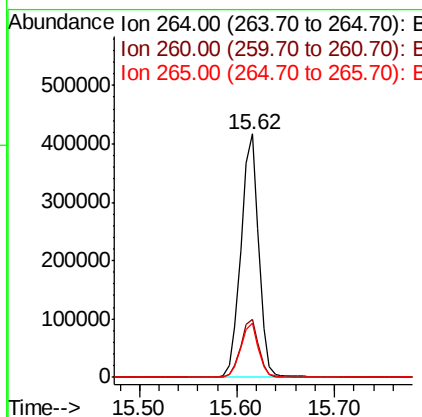
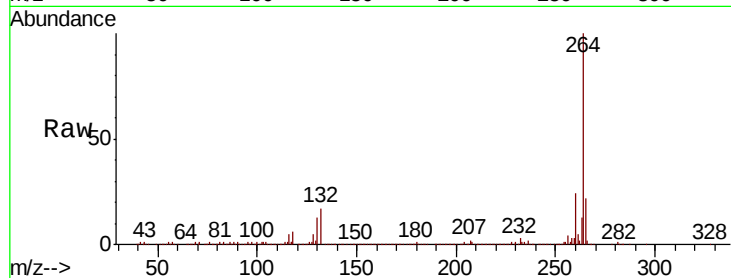
ClientSampleId :

B-3

Tot Ion:	264	Resp:	524790
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.0
265	22.0	17.1	25.7

Manual Integrations
APPROVED

mohammad
11/22/2019 1:20:49 PM



#88

Benzo(b)fluoranthene

Concen: 2.345 ng m

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117905.D

Acq: 21 Nov 2019 12:06

Tgt Ion:	252	Resp:	79945
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	13.9	8.6	13.0#

