

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117708.D
 Acq On : 7 Nov 2019 16:53
 Operator : JU
 Sample : K5723-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-A

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:31:34 PM

Quant Time: Nov 08 02:23:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	316568	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1224921	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	645038	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1152870	20.00	ng	0.00
76) Chrysene-d12	14.12	240	730055	20.00	ng	-0.01
87) Perylene-d12	15.63	264	839928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1674811	95.77	ng	0.00
7) Phenol-d6	6.55	99	2115555	98.11	ng	0.00
23) Nitrobenzene-d5	7.49	82	1266957	61.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	578080	91.61	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2378595	72.76	ng	0.00
79) Terphenyl-d14	13.06	244	2448851	69.05	ng	0.00
Target Compounds						
10) Phenol	6.56	94	108614	4.674	ng	87
50) Dimethylphthalate	9.69	163	425855	9.766	ng	99
71) Phenanthrene	11.49	178	509690	9.224	ng	96
75) Fluoranthene	12.69	202	248271	4.400	ng	95
78) Pyrene	12.92	202	250886	4.708	ng	97
88) Benzo(b)fluoranthene	15.17	252	106443m	2.012	ng	

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

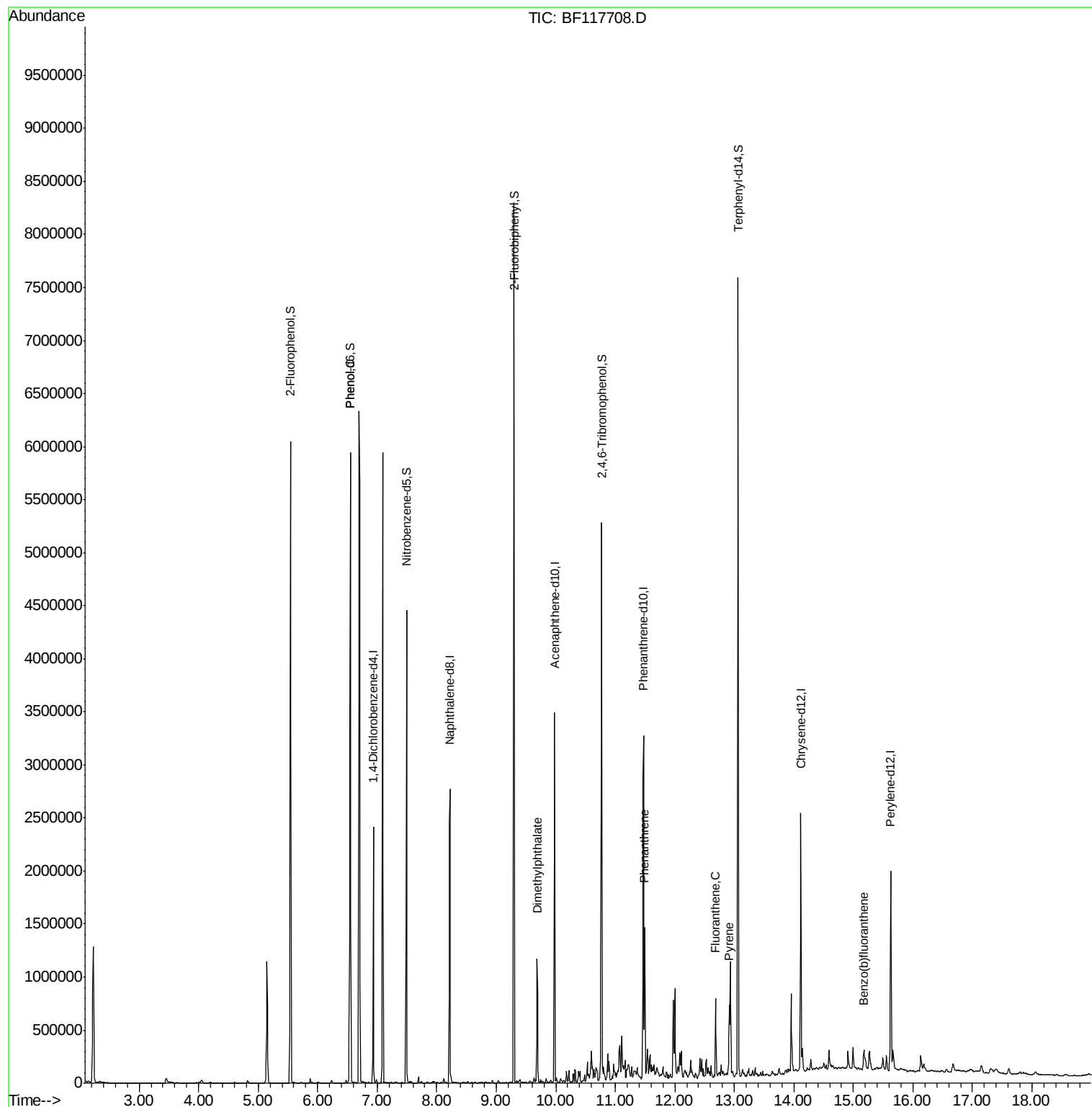
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
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Sample : K5723-01
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ALS Vial : 5 Sample Multiplier: 1

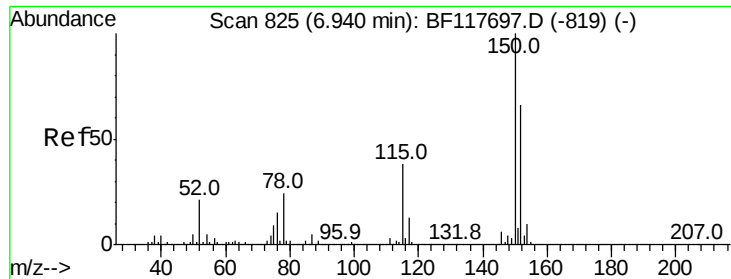
Instrument :
BNA_F
ClientSampleId :
7-A

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Quant Time: Nov 08 02:23:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

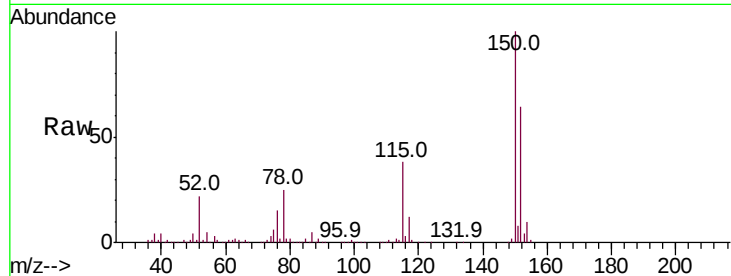
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.4	182.2
115	60.2	46.7	70.1

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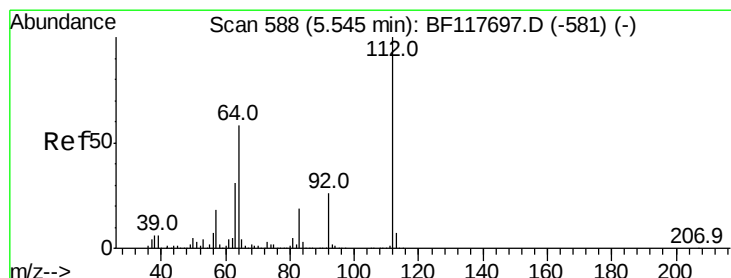
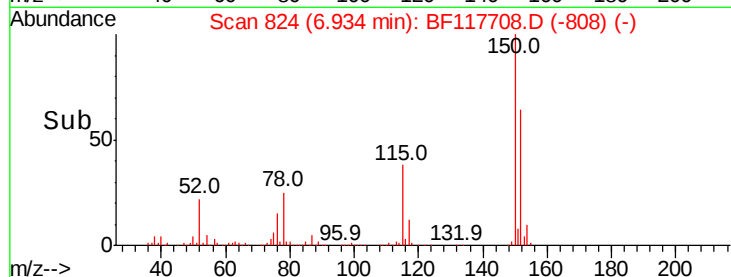
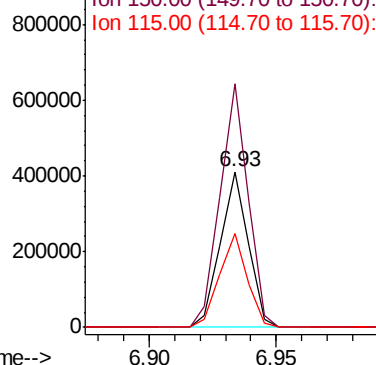


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

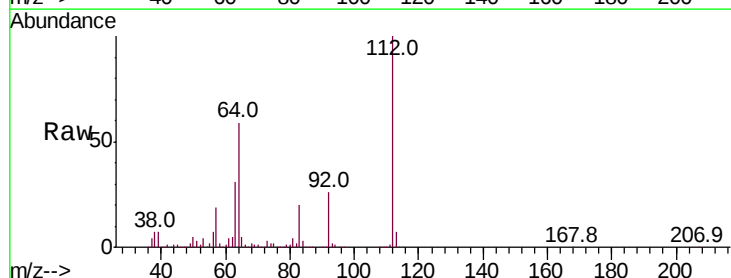
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.767 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.4	69.6
63	31.4	24.6	37.0

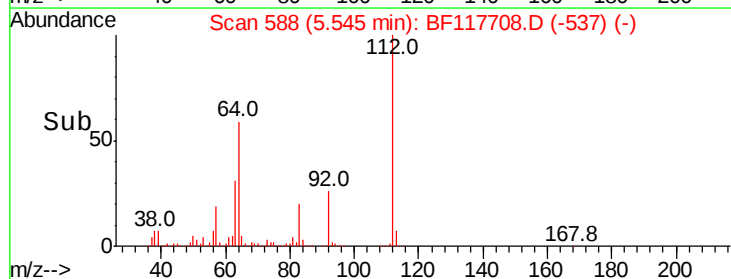
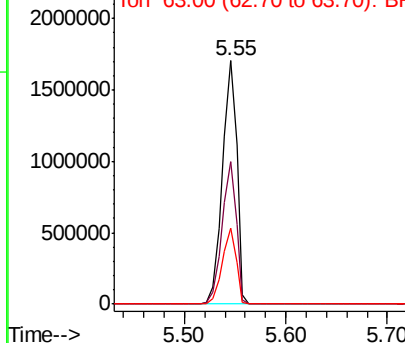


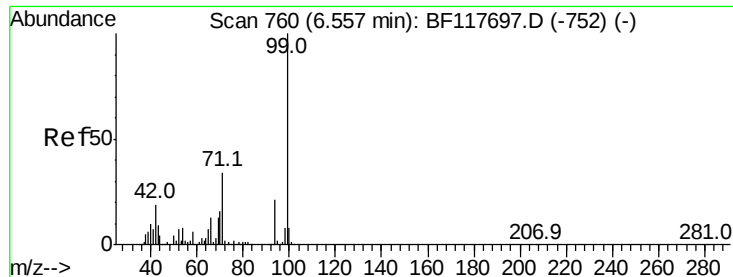
Abundance

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: 98.107 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampled :

7-A

Tot Ion: 99 Resp: 2115555

Ion Ratio Lower Upper

99 100

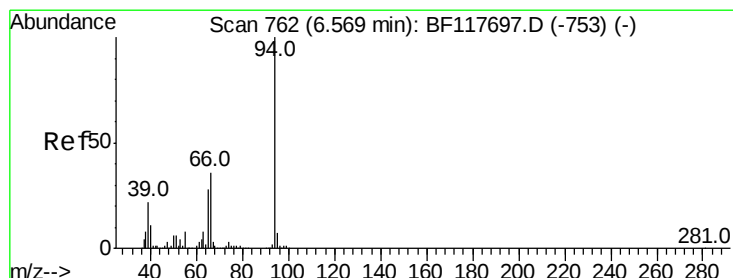
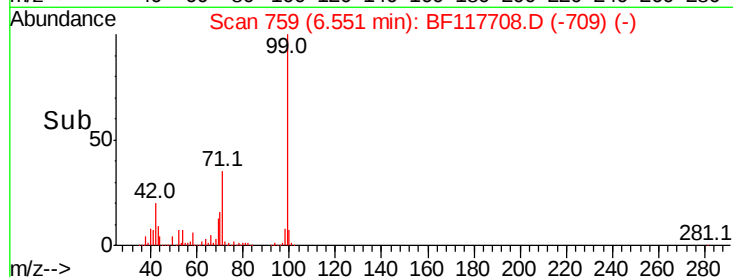
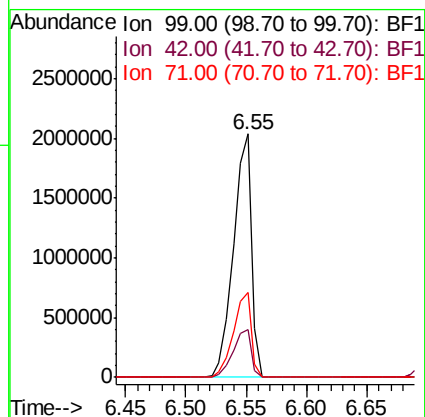
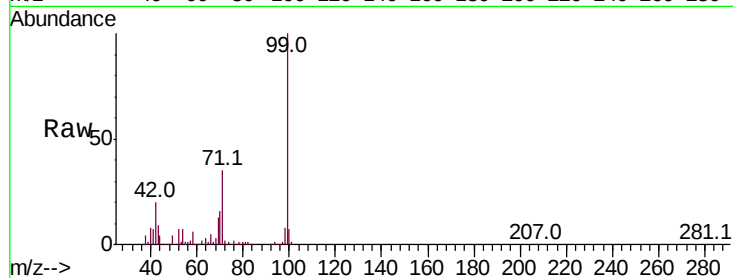
42 19.6 15.3 22.9

71 34.8 26.8 40.2

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#10

Phenol

Concen: 4.674 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

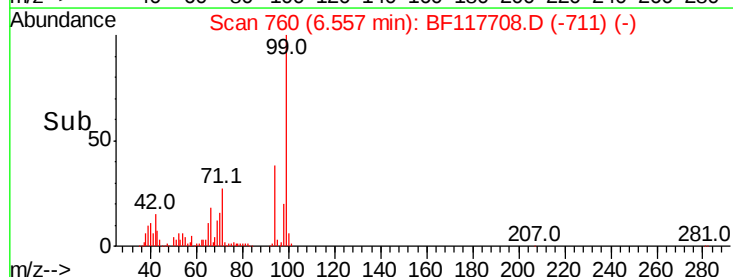
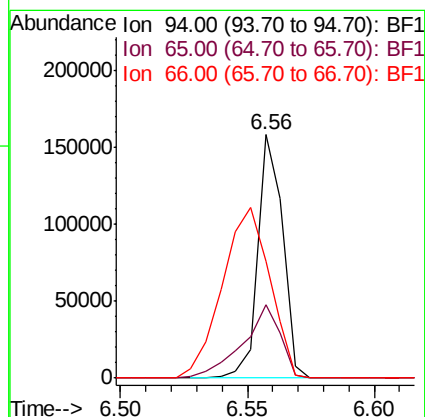
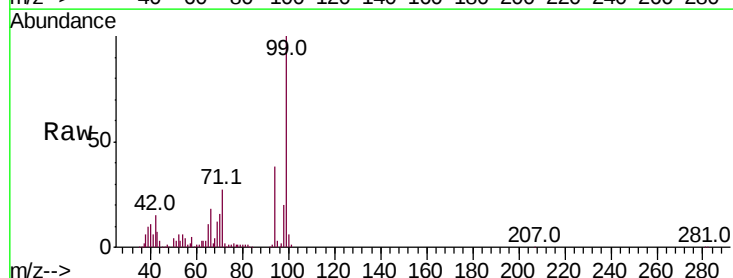
Tgt Ion: 94 Resp: 108614

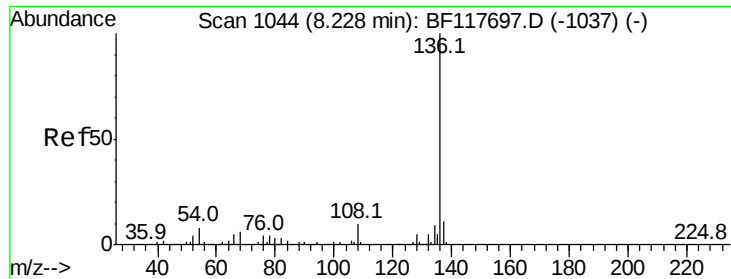
Ion Ratio Lower Upper

94 100

65 29.9 7.6 47.6

66 48.1 16.1 56.1





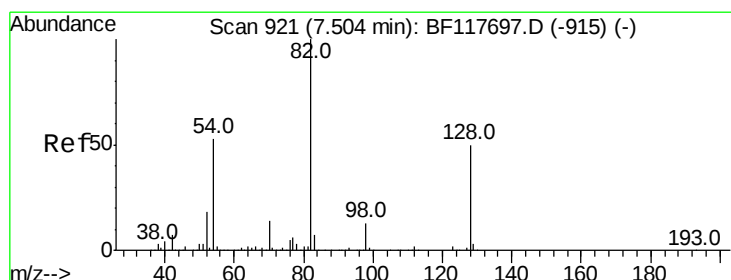
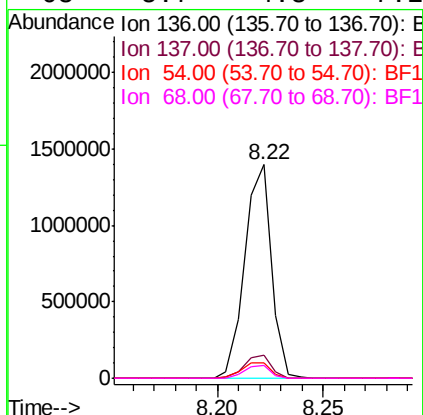
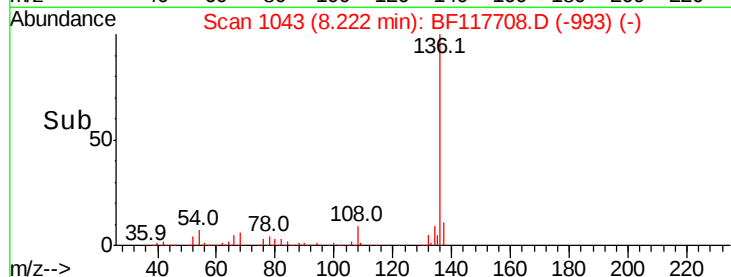
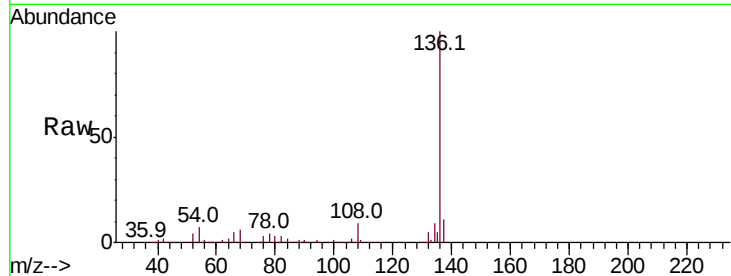
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tot Ion	136	Resp	1224921
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	6.0	9.0
68	5.7	4.8	7.2

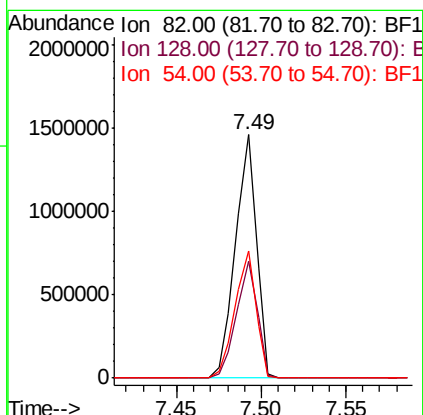
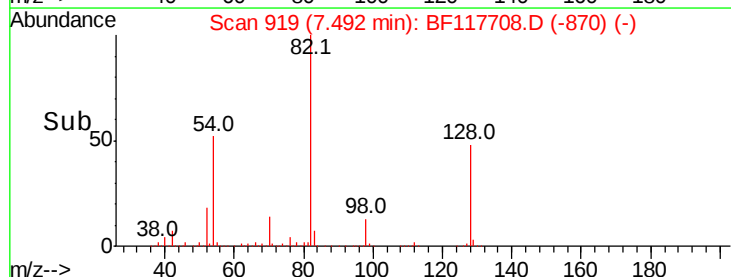
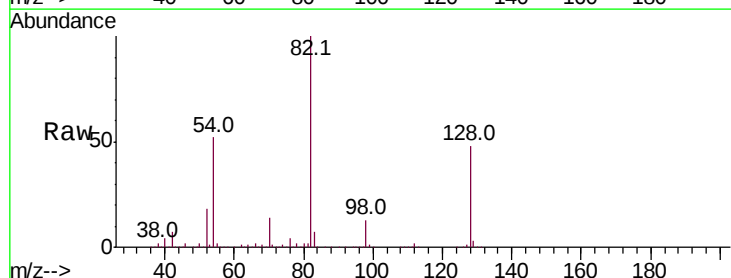
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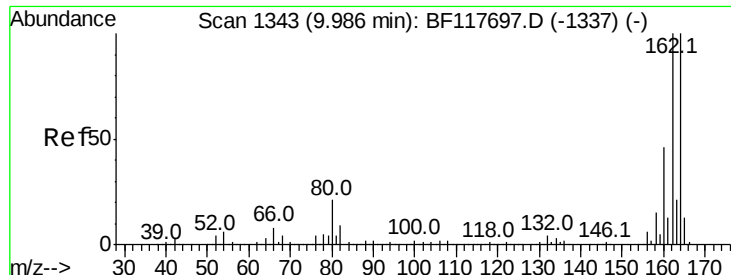
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#23
Nitrobenzene-d5
Concen: 61.065 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion	82	Resp	1266957
Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.2	60.2
54	52.2	42.0	63.0





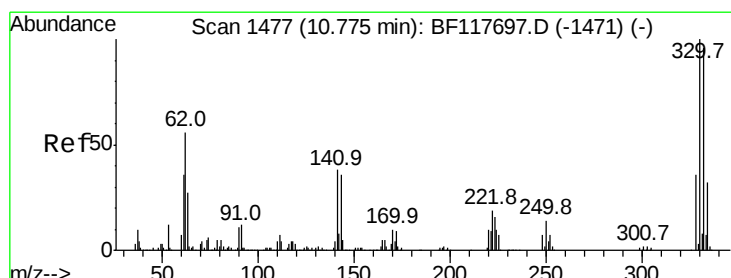
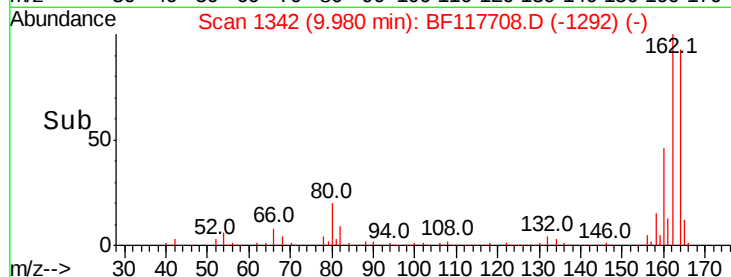
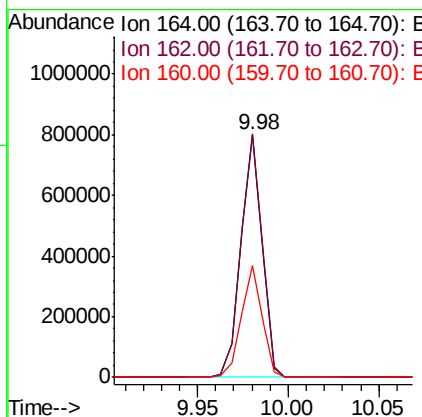
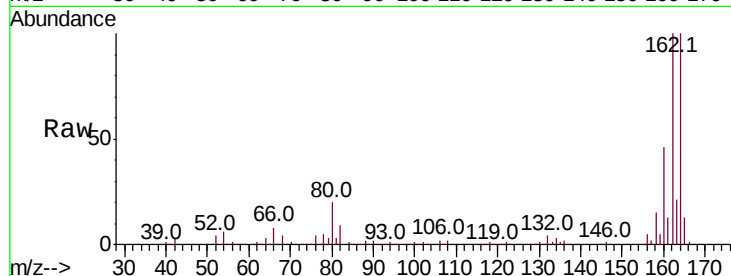
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampled :
7-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.7	119.5
160	46.0	36.5	54.7

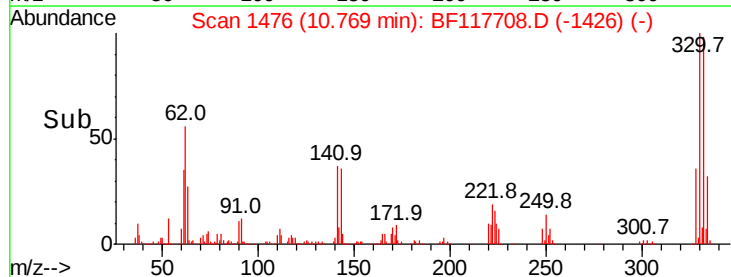
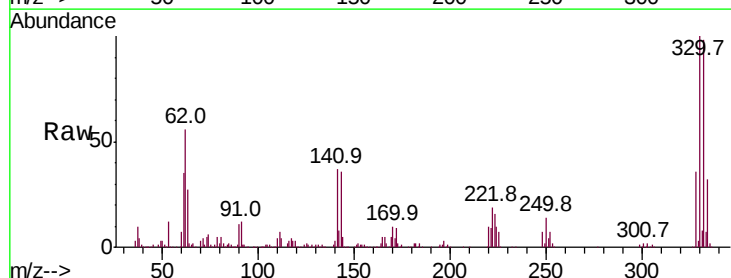
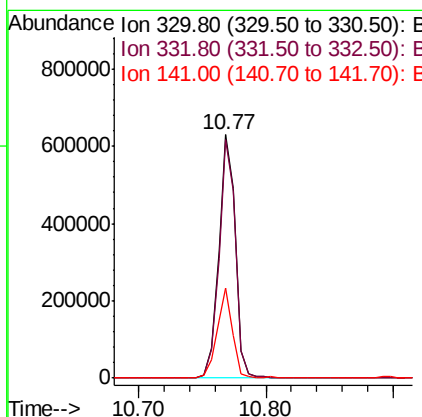
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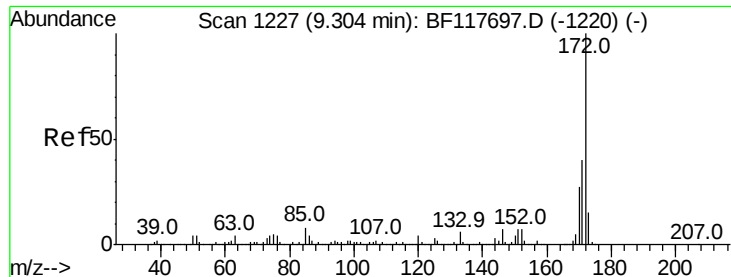
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#42
2,4,6-Tribromophenol
Concen: 91.614 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	34.6	28.0	42.0





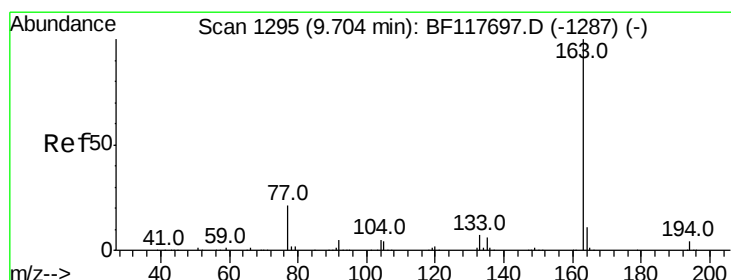
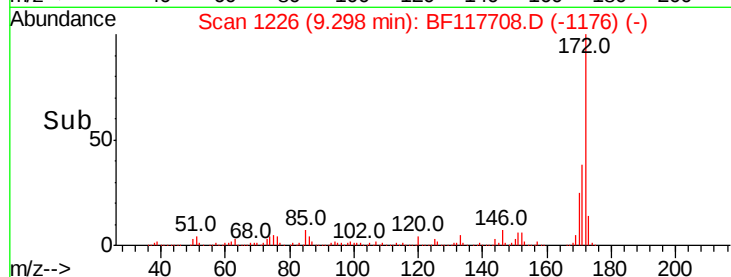
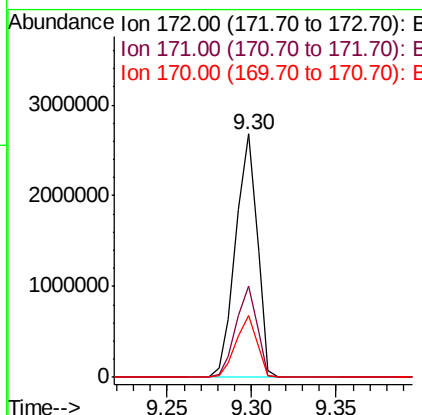
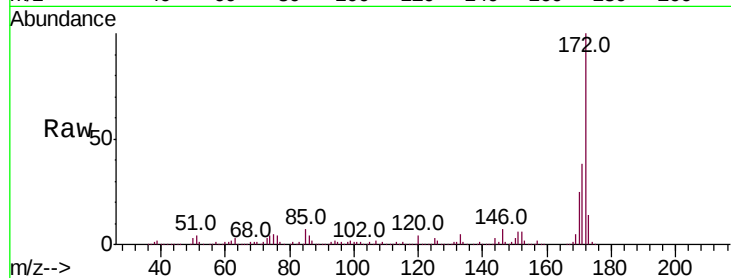
#45
2-Fluorobiphenyl
Concen: 72.755 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.8	47.8
170	25.4	21.6	32.4

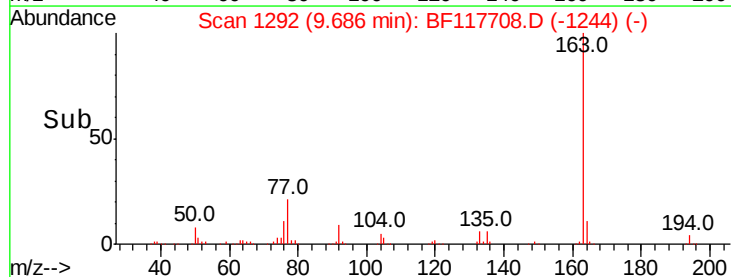
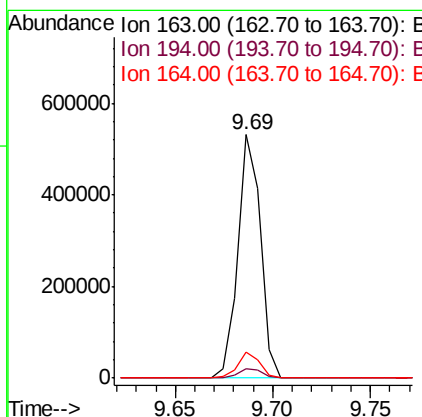
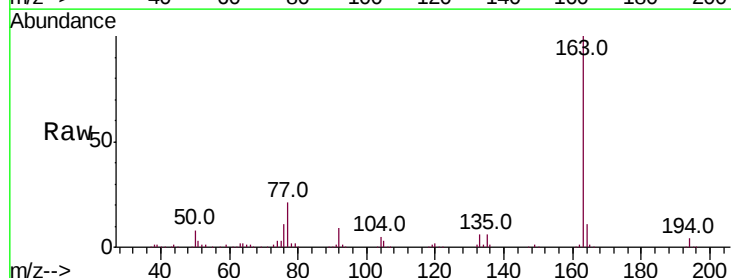
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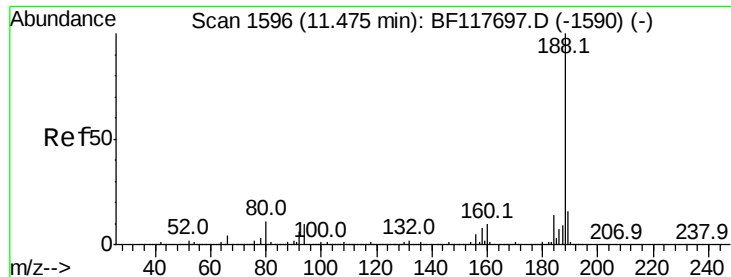
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#50
Dimethylphthalate
Concen: 9.766 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.8	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampled :

7-A

Tot Ion:188 Resp: 1152870

Ion Ratio Lower Upper

188 100

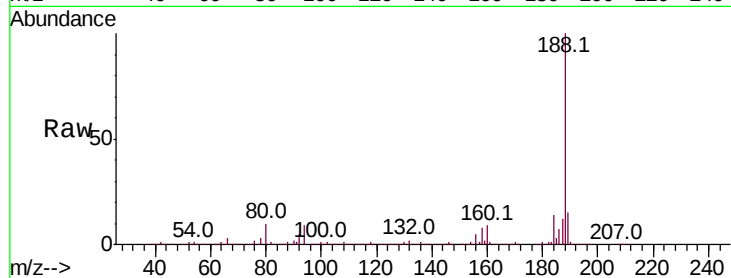
94 8.9 8.2 12.4

80 9.6 8.6 13.0

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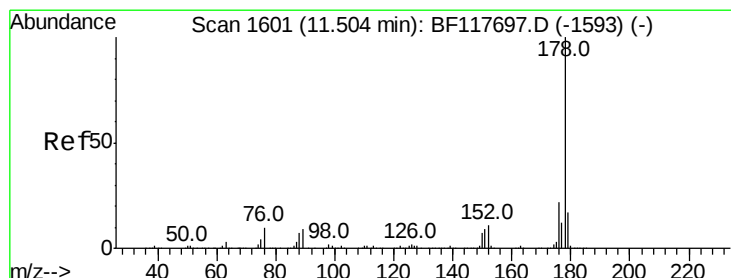
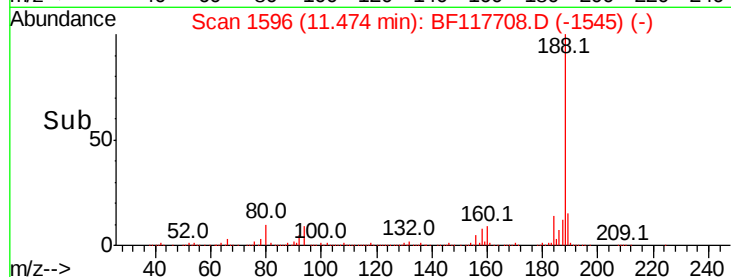
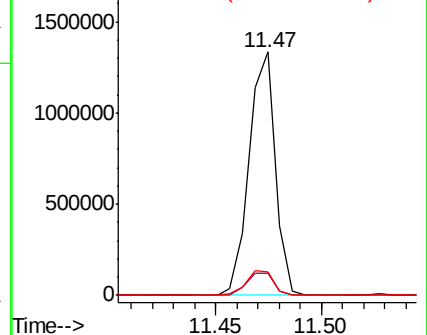
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 9.224 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

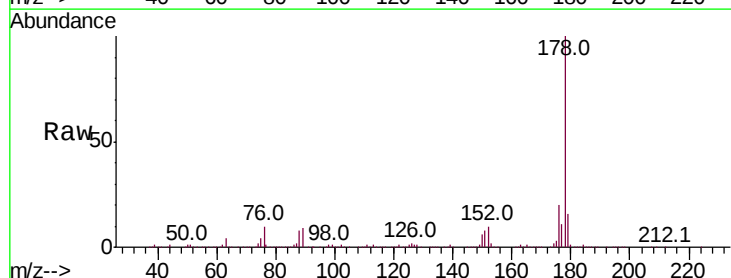
Tgt Ion:178 Resp: 509690

Ion Ratio Lower Upper

178 100

176 19.7 17.7 26.5

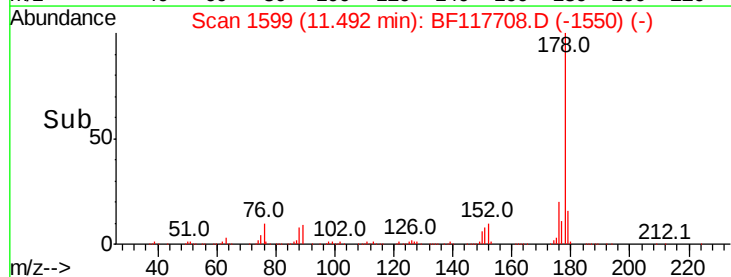
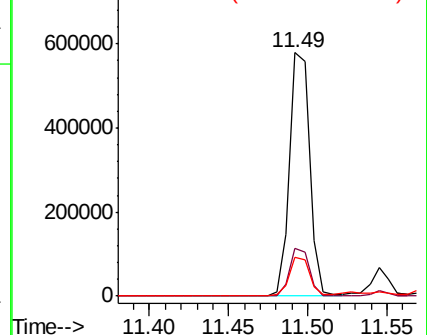
179 16.1 13.8 20.8

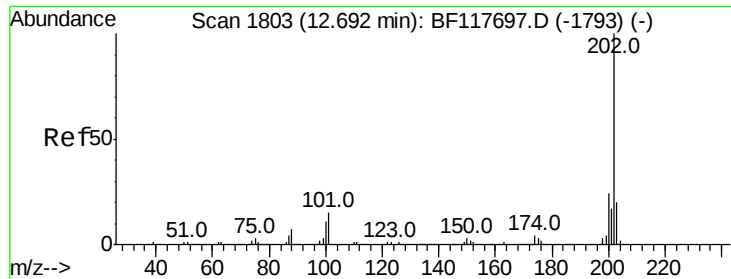


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.400 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

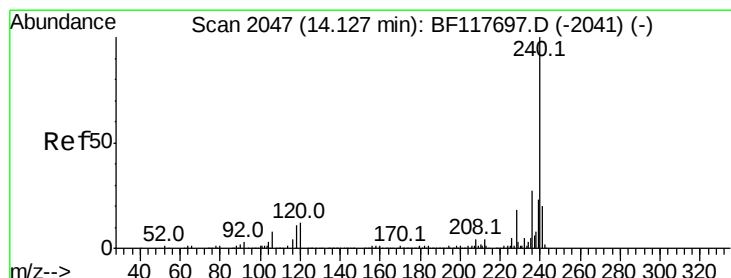
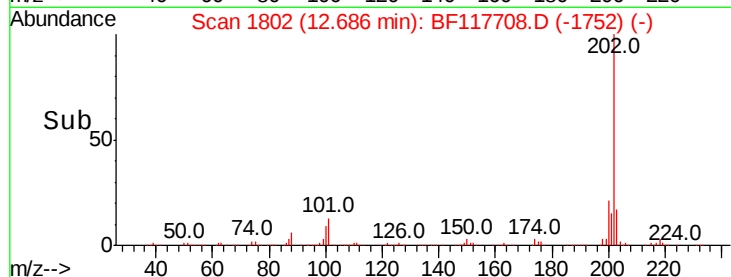
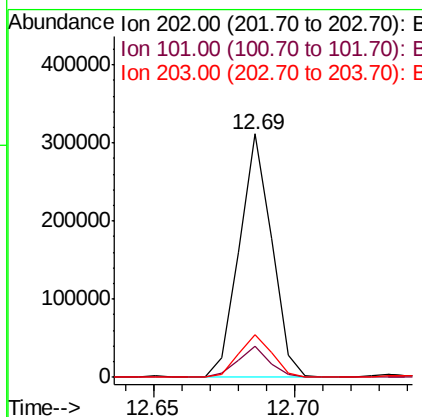
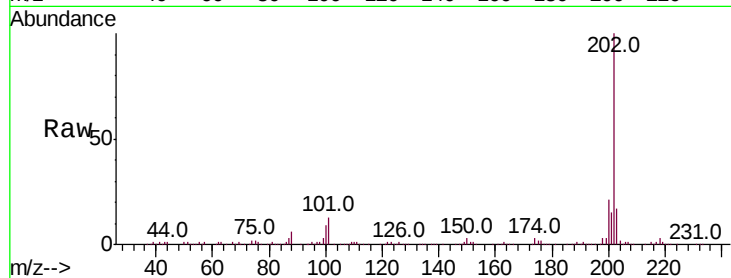
ClientSampleId :

7-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	248271		
101	12.6		0.0	34.5
203	17.3		0.0	39.8

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#76

Chrysene-d12

Concen: 20.000 ng

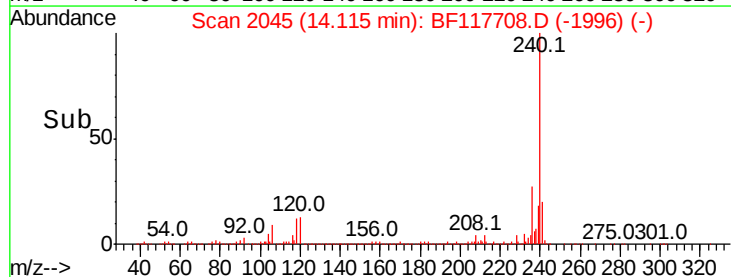
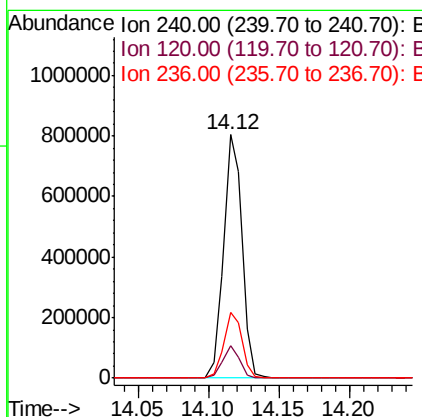
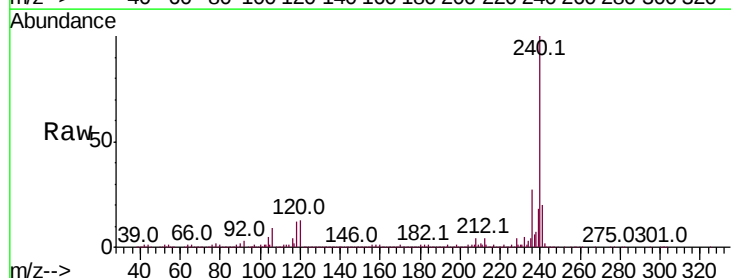
RT: 14.12 min Scan# 2045

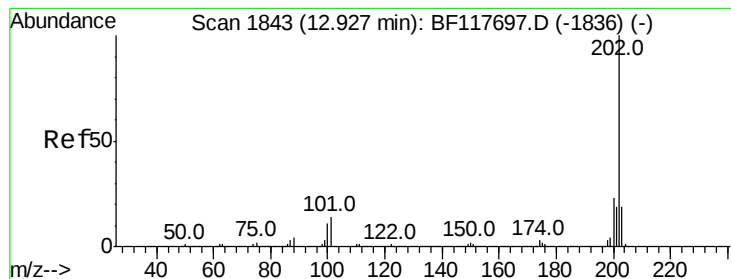
Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	730055		
120	13.4		9.7	14.5
236	27.0		21.9	32.9





#78

Pvrene

Concen: 4.708 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

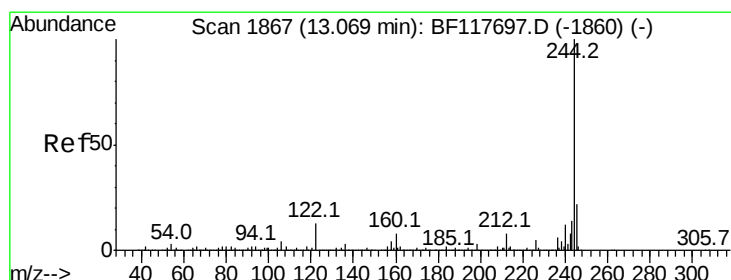
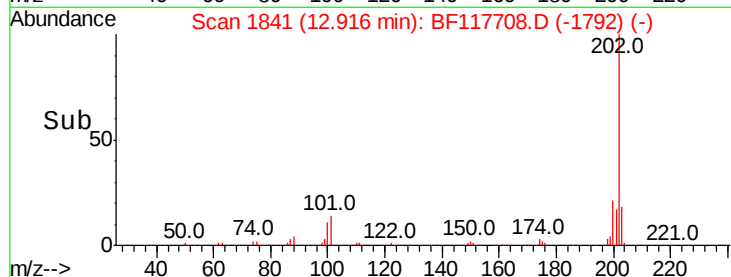
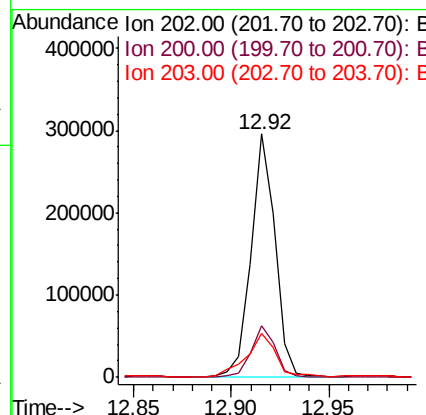
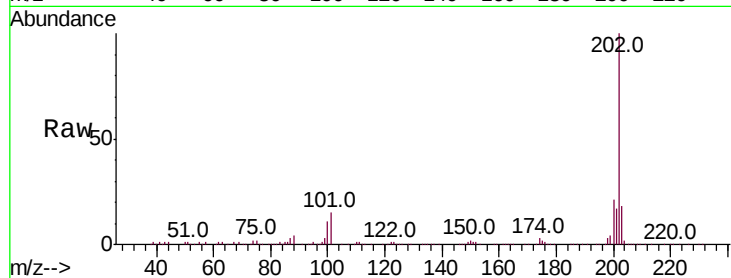
ClientSampleId :

7-A

Tot Ion:	202	Resp:	250886
Ion Ratio	Lower	Upper	
202	100		
200	21.3	18.8	28.2
203	18.3	15.2	22.8

Manual Integrations
APPROVED

Sohil
11/8/2019 3:31:34 PM



#79

Terphenyl-d14

Concen: 69.052 ng

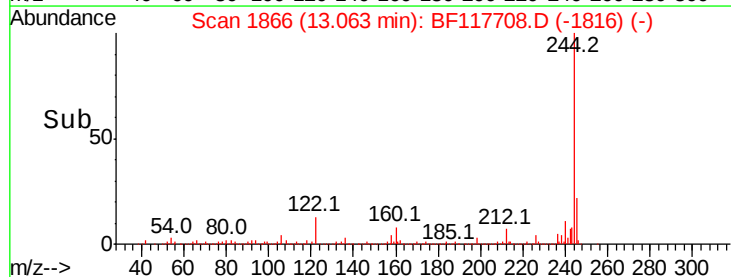
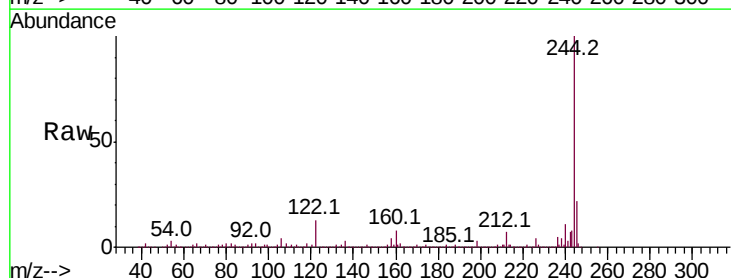
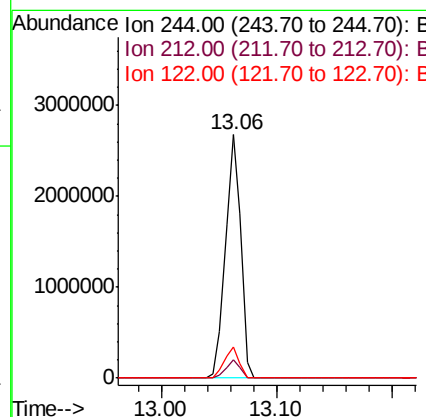
RT: 13.06 min Scan# 1866

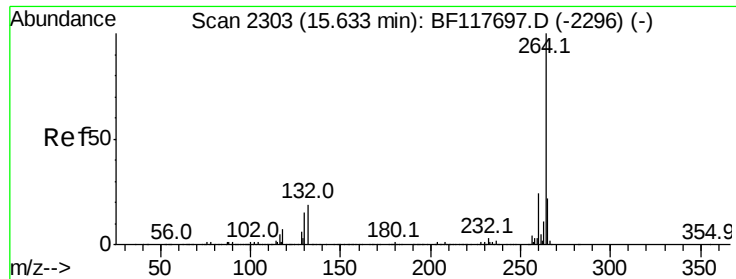
Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Tgt Ion:	244	Resp:	2448851
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.4	9.6
122	12.8	10.0	15.0





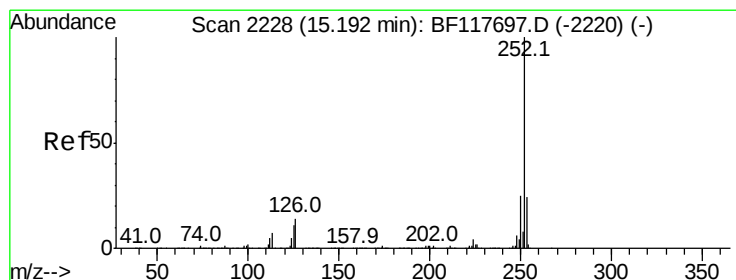
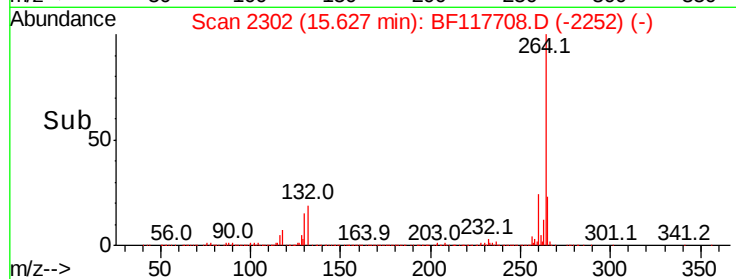
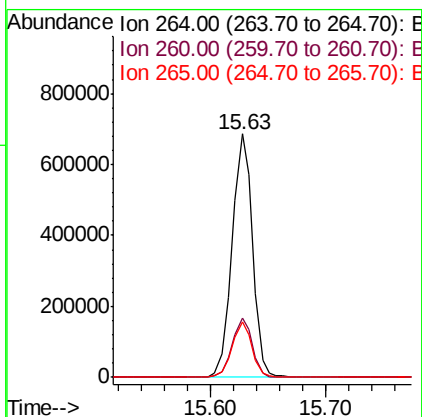
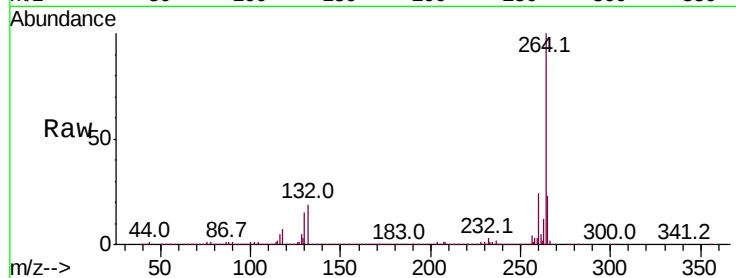
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampled :
7-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.7	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/8/2019 3:31:34 PM



#88
Benzo(b)fluoranthene
Concen: 2.012 ng m
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	11.8	8.5	12.7

