

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117732.D
 Acq On : 8 Nov 2019 15:50
 Operator : JU
 Sample : K5722-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-B

Manual Integrations
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 11/11/2019 8:05:59 AM

Quant Time: Nov 09 02:24:08 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	336850	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1320466	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	726241	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1422024	20.00	ng	0.00
76) Chrysene-d12	14.12	240	1029714	20.00	ng	-0.01
87) Perylene-d12	15.62	264	912535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1748952	93.98	ng	0.00
7) Phenol-d6	6.55	99	2259864	98.49	ng	-0.01
23) Nitrobenzene-d5	7.49	82	1362482	60.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	665338	93.65	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2560169	69.55	ng	-0.01
79) Terphenyl-d14	13.06	244	3086664	61.71	ng	0.00
Target Compounds						
10) Phenol	6.56	94	52409	2.120	ng	98
50) Dimethylphthalate	9.69	163	216899	4.418	ng	98
71) Phenanthrene	11.49	178	285994	4.196	ng	95
75) Fluoranthene	12.68	202	341208	4.903	ng	95
78) Pyrene	12.91	202	358650	4.771	ng	97
81) Benzo(a)anthracene	14.10	228	145678	2.273	ng	98
83) Chrysene	14.14	228	184706	2.918	ng	98
88) Benzo(b)fluoranthene	15.17	252	211256m	3.676	ng	

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

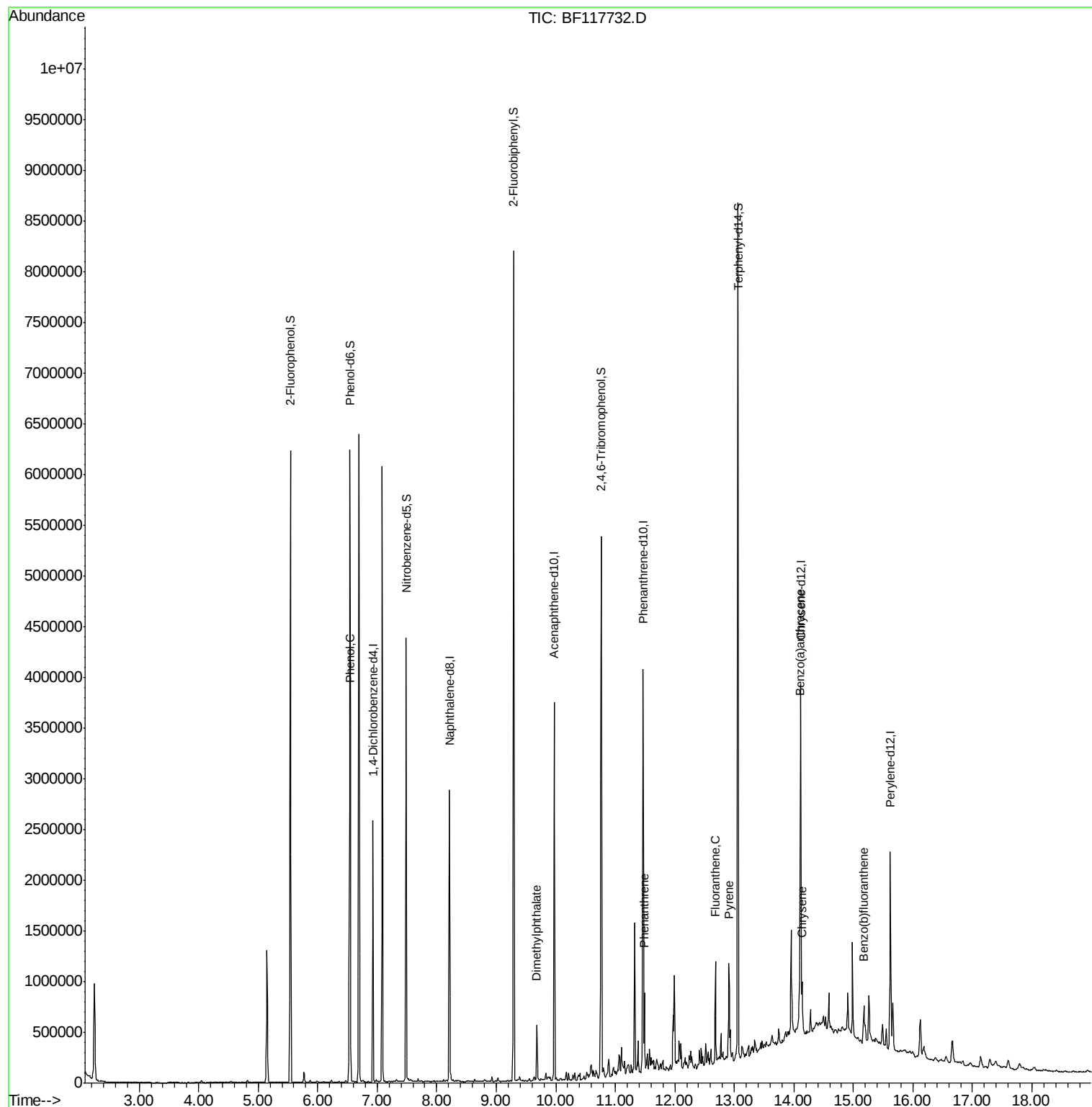
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117732.D
Acq On : 8 Nov 2019 15:50
Operator : JU
Sample : K5722-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

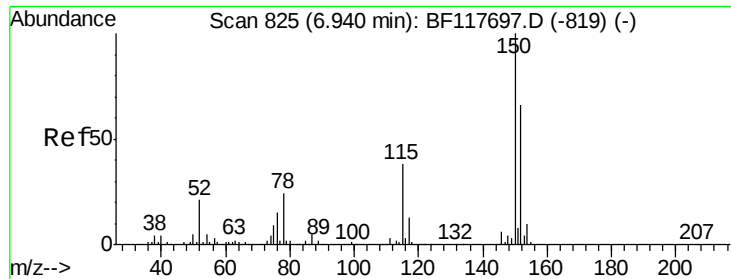
Instrument :
BNA_F
ClientSampleId :
6-B

Quant Time: Nov 09 02:24:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
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#1

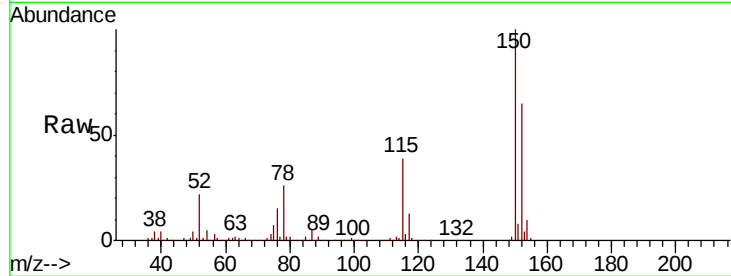
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :
6-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.4	182.2
115	60.6	46.7	70.1

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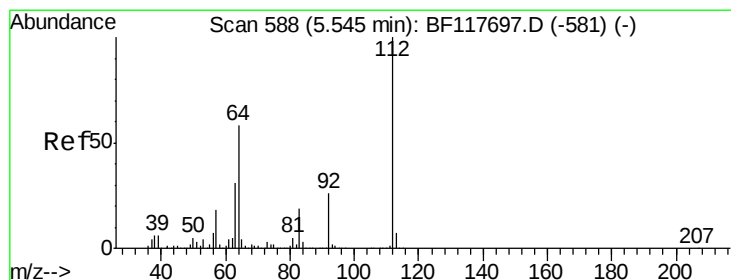
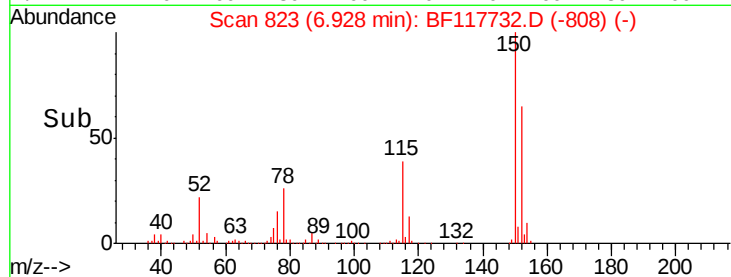
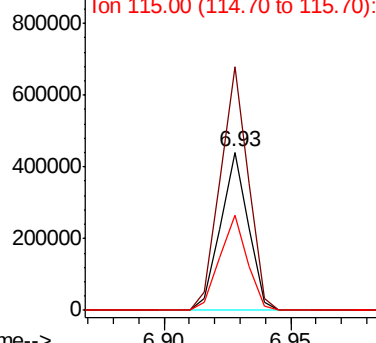


Abundance

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: 93.985 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

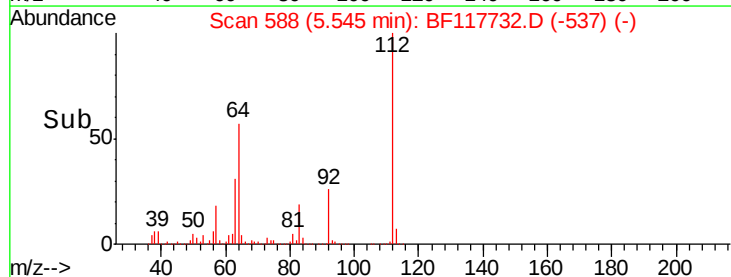
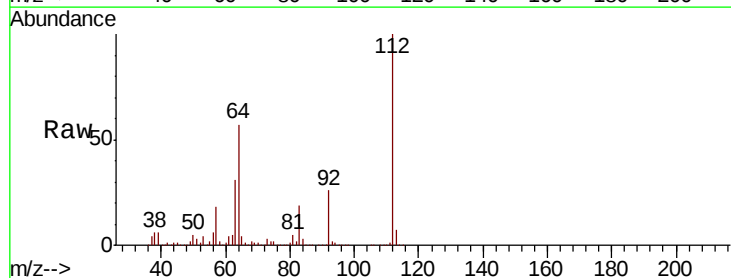
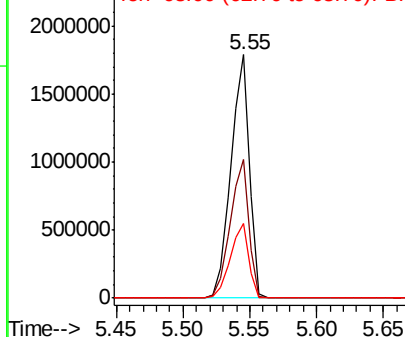
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.4	69.6
63	30.8	24.6	37.0

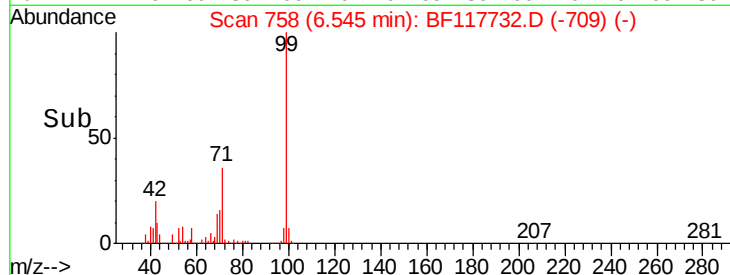
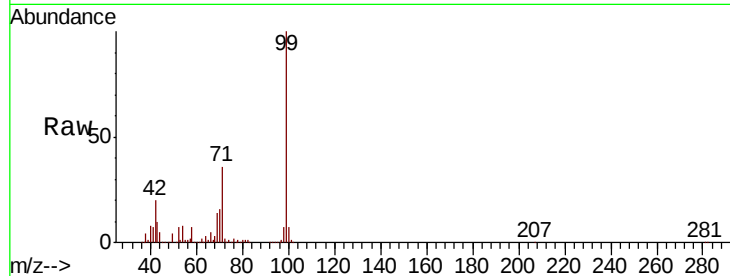
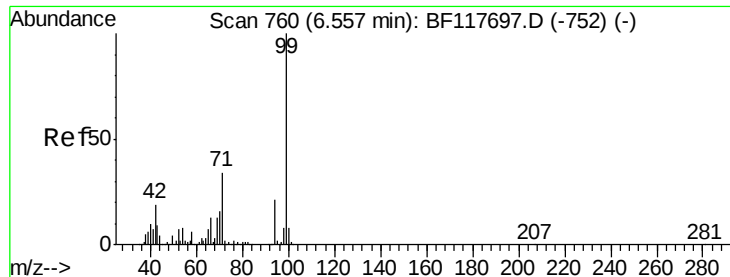
Abundance

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: 98.489 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

Tot Ion: 99 Resp: 2259864

Ion Ratio Lower Upper

99 100

42 20.4 15.3 22.9

71 36.3 26.8 40.2

Instrument :

BNA_F

ClientSampled :

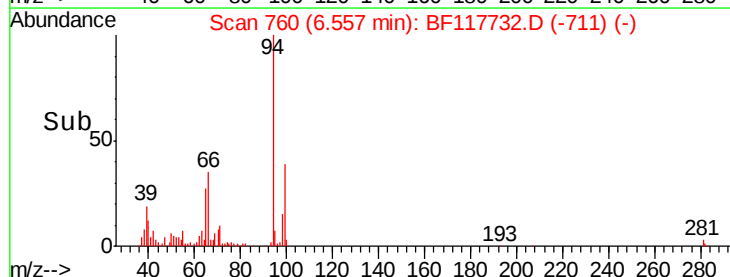
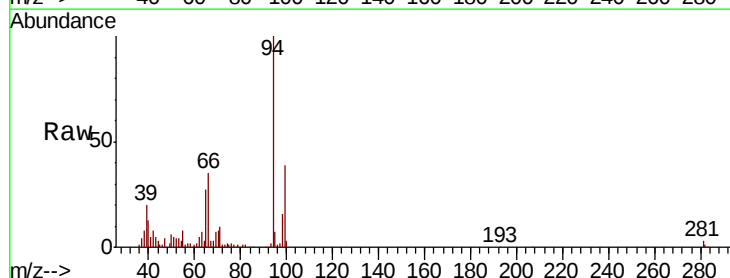
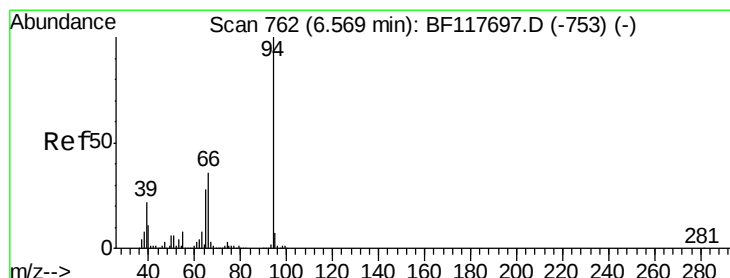
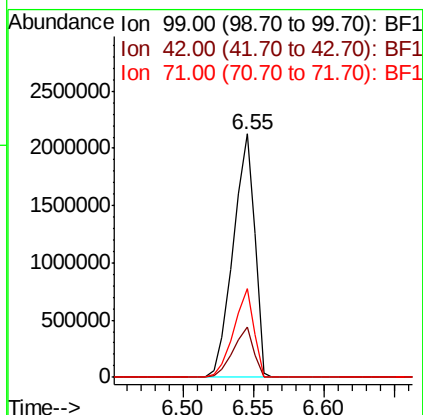
6-B

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#10

Phenol

Concen: 2.120 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

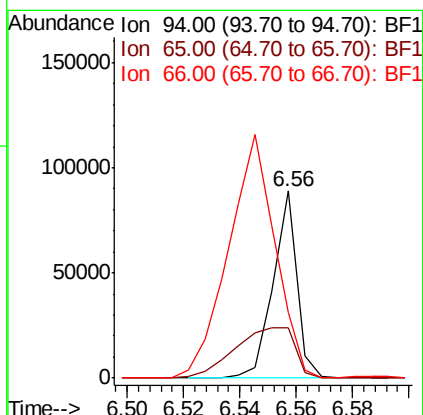
Tgt Ion: 94 Resp: 52409

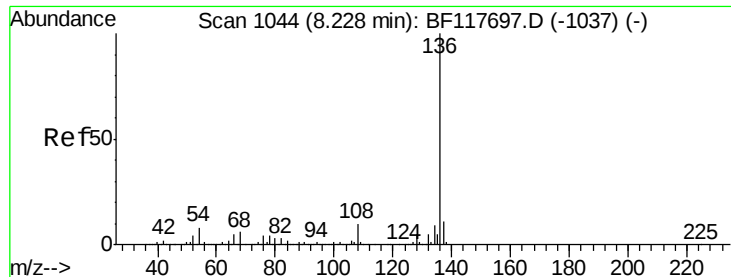
Ion Ratio Lower Upper

94 100

65 26.6 7.6 47.6

66 35.2 16.1 56.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

6-B

Tot Ion:136 Resp: 1320466

Ion Ratio Lower Upper

136 100

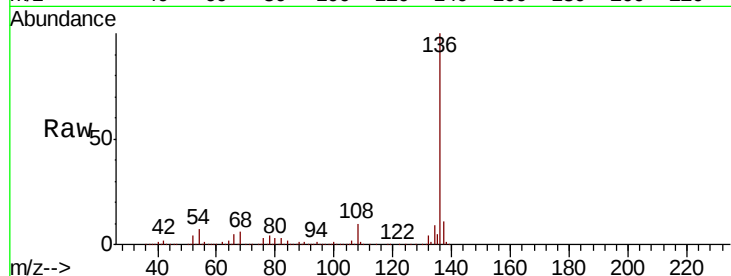
137 11.1 8.8 13.2

54 7.2 6.0 9.0

68 5.7 4.8 7.2

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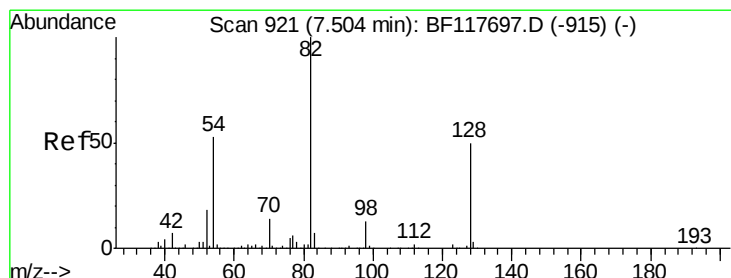
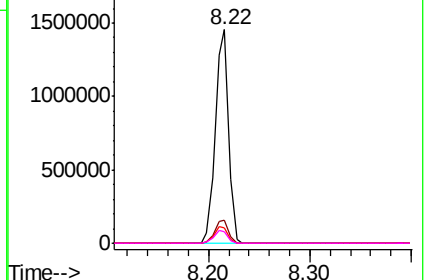
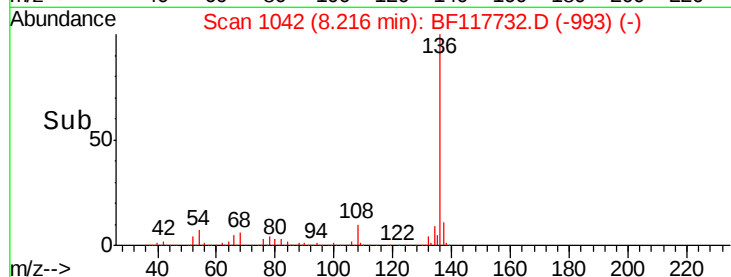


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.918 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

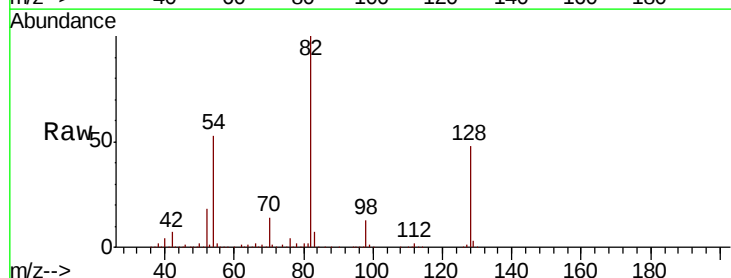
Tgt Ion: 82 Resp: 1362482

Ion Ratio Lower Upper

82 100

128 48.0 40.2 60.2

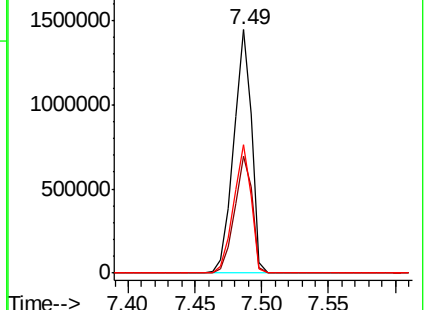
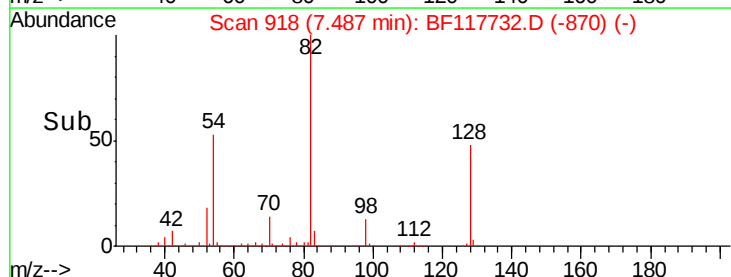
54 52.7 42.0 63.0

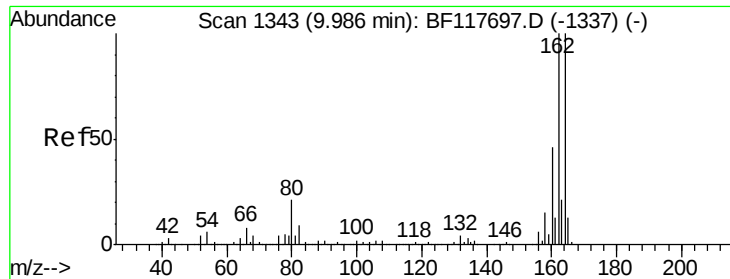


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





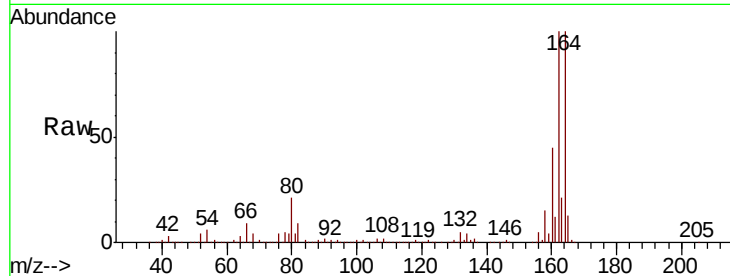
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Instrument :
BNA_F
ClientSampled :
6-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	79.7	119.5	
160	45.2	36.5	54.7	

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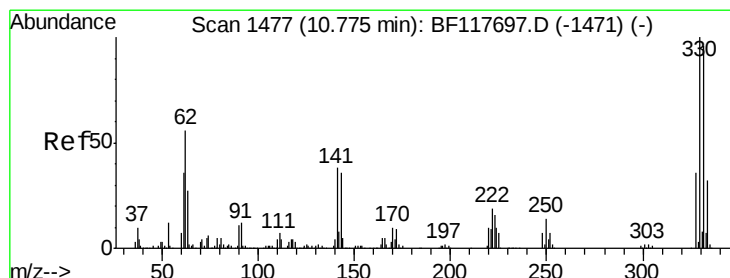
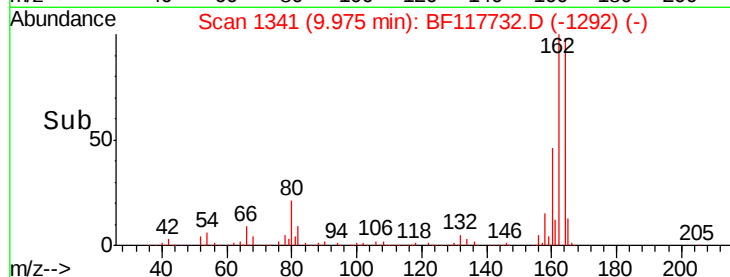
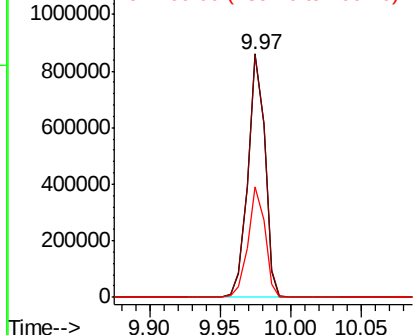


Abundance

Ion 164.00 (163.70 to 164.70): E

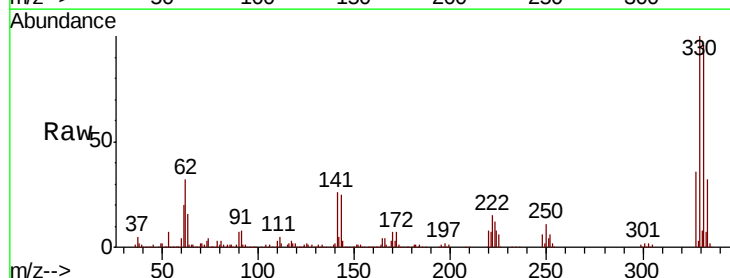
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 93.653 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.4	116.0	
141	34.0	28.0	42.0	

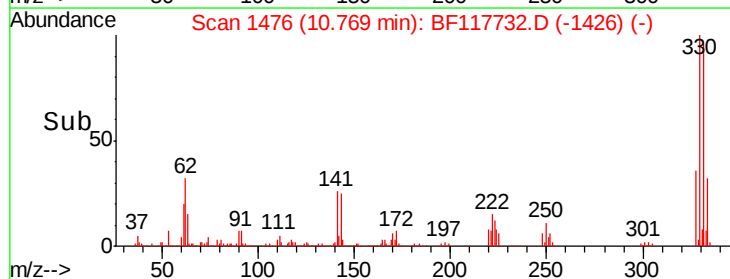
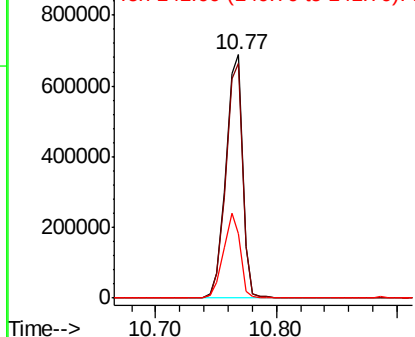


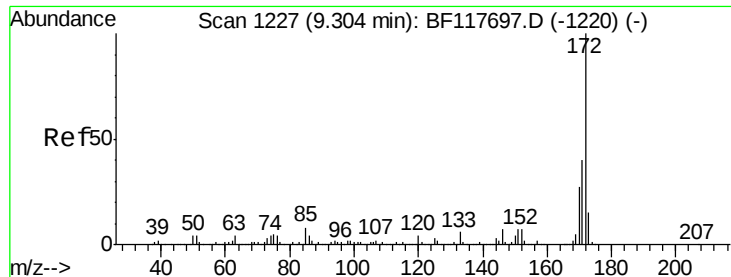
Abundance

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





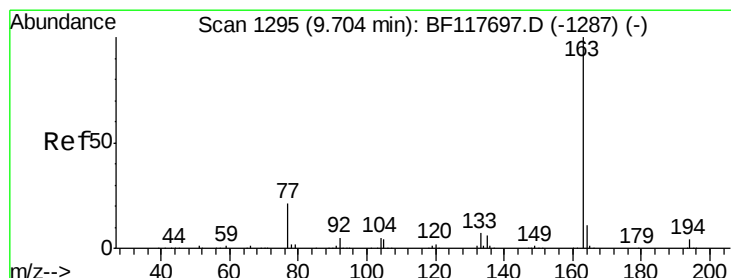
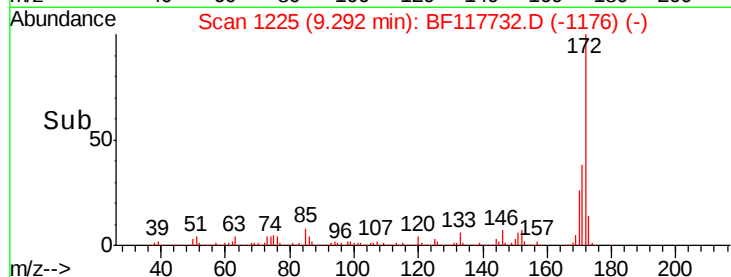
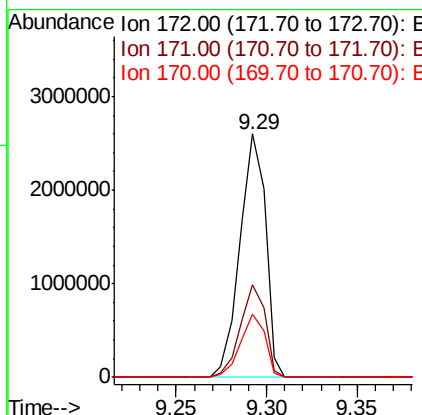
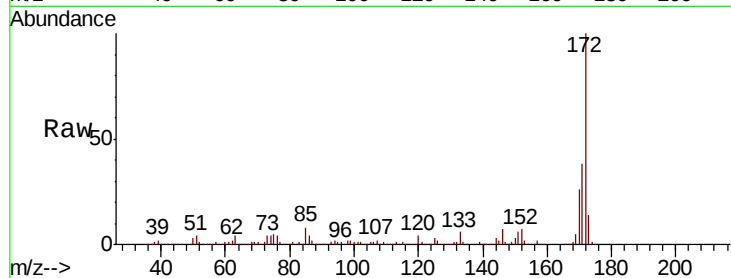
#45
2-Fluorobiphenyl
Concen: 69.553 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :
6-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.8	47.8
170	25.8	21.6	32.4

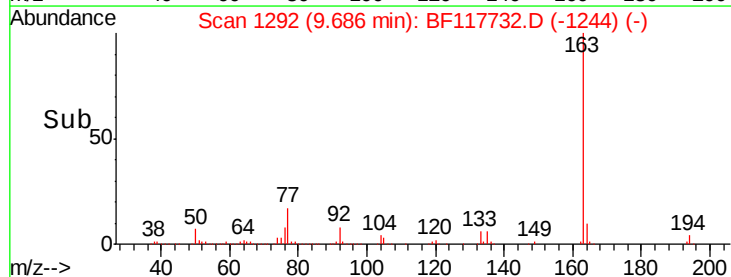
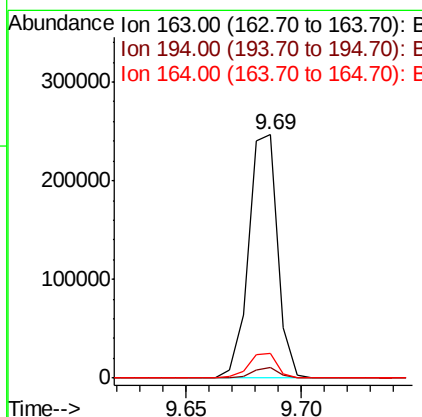
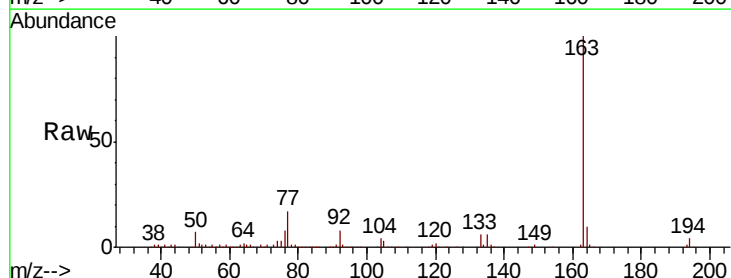
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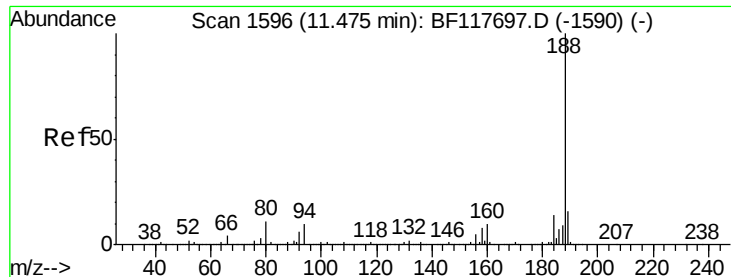
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#50
Dimethylphthalate
Concen: 4.418 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.9	13.3





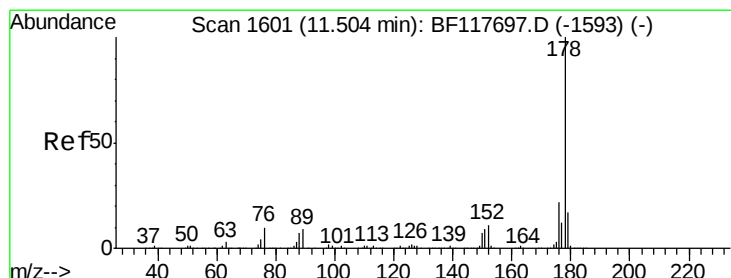
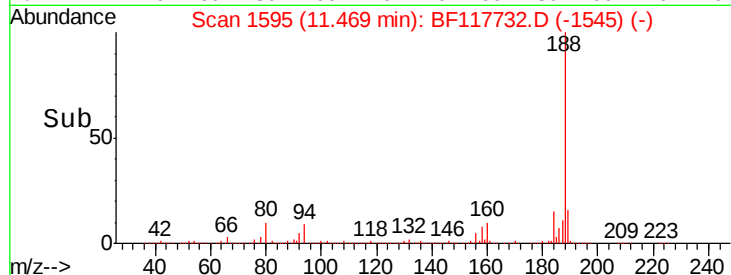
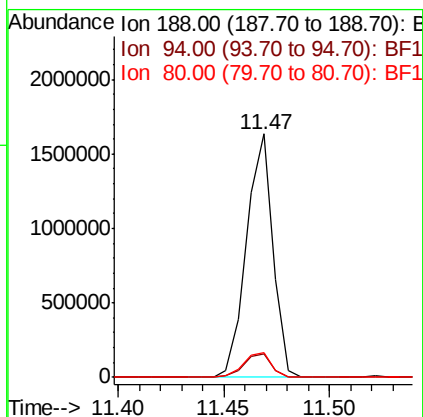
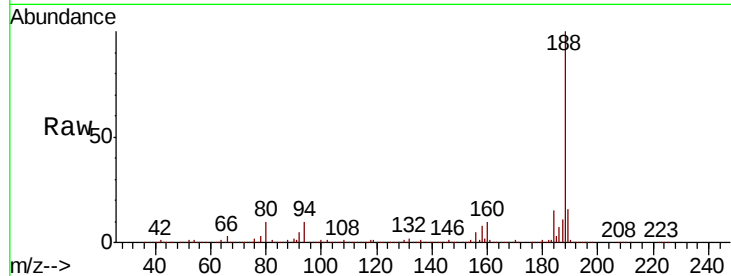
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Instrument :
BNA_F
ClientSampled :
6-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	9.9	8.6	13.0

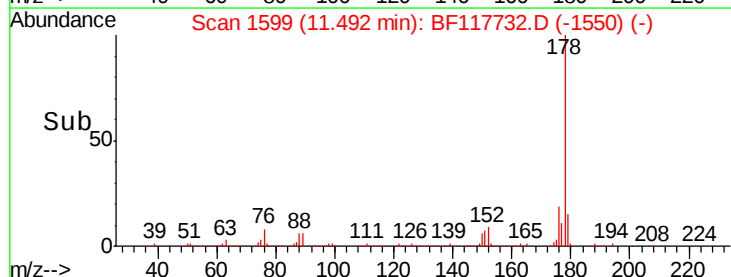
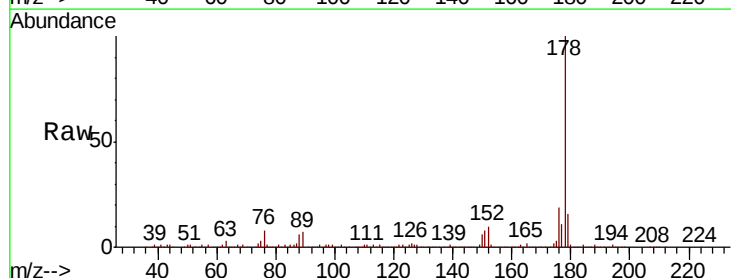
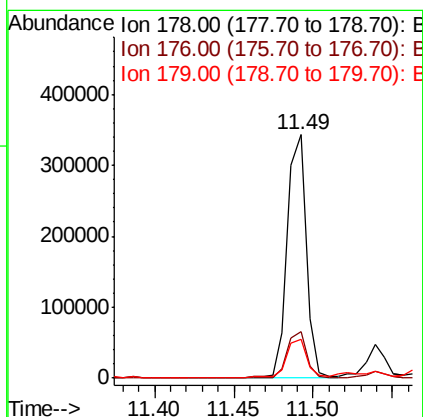
Manual Integrations
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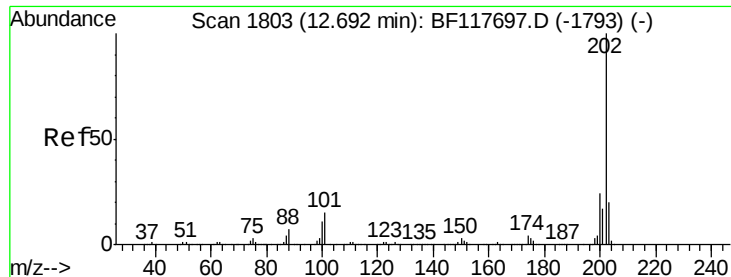
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#71
Phenanthrene
Concen: 4.196 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.7	26.5
179	15.8	13.8	20.8





#75

Fluoranthene

Concen: 4.903 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

Instrument :

BNA_F

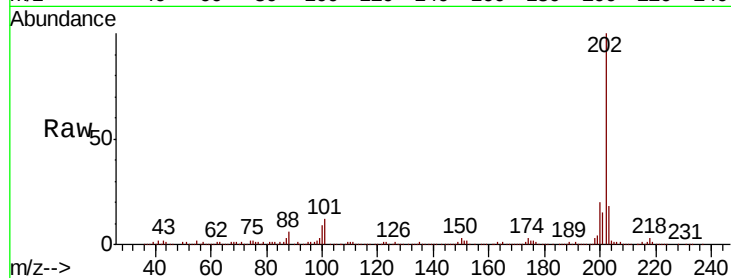
ClientSampled :

6-B

Tot Ion:	202	Resp:	341208
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.5
203	17.8	0.0	39.8

Manual Integrations
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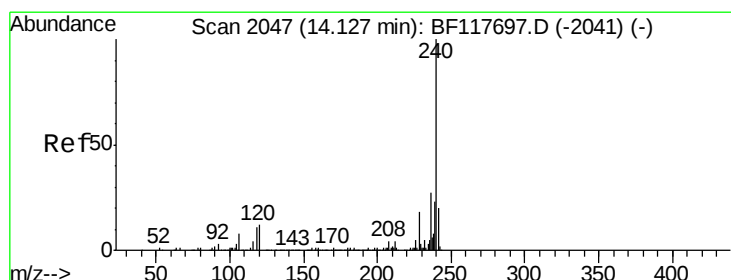
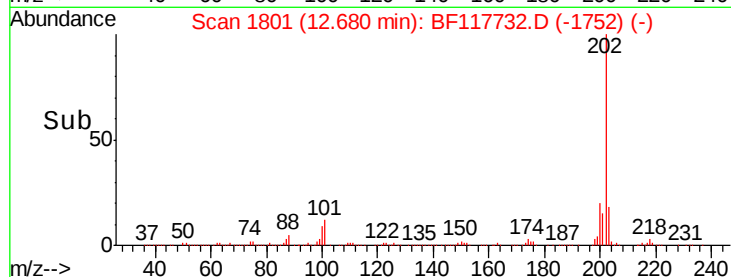
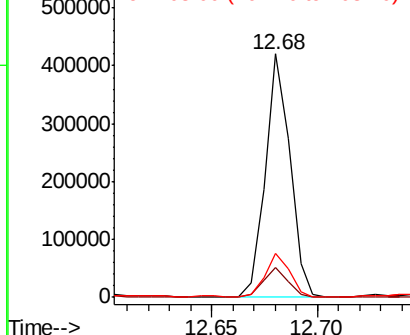


Abundance

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

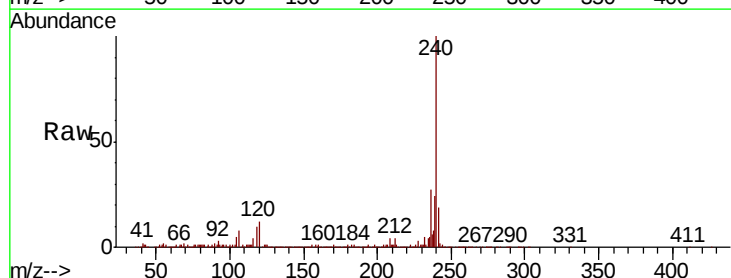
RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

Tgt Ion:	240	Resp:	1029714
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.7	14.5
236	26.9	21.9	32.9

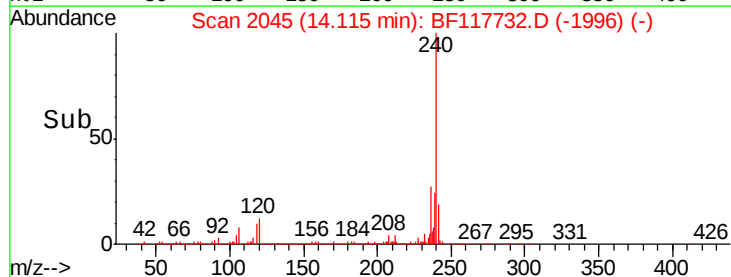
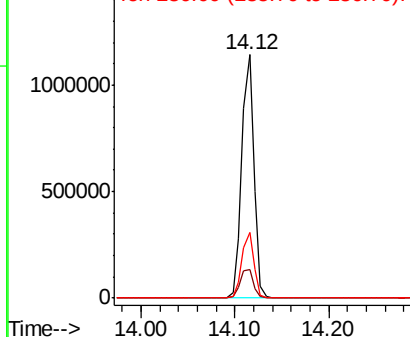


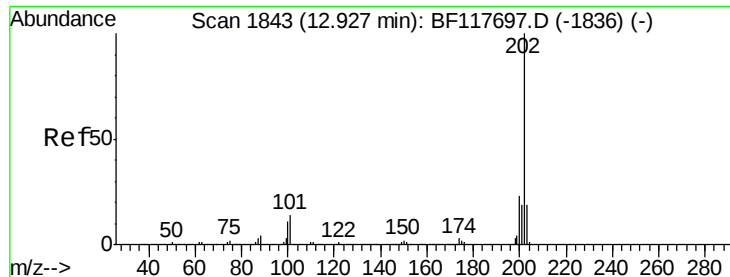
Abundance

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: 4.771 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.02 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

Instrument :

BNA_F

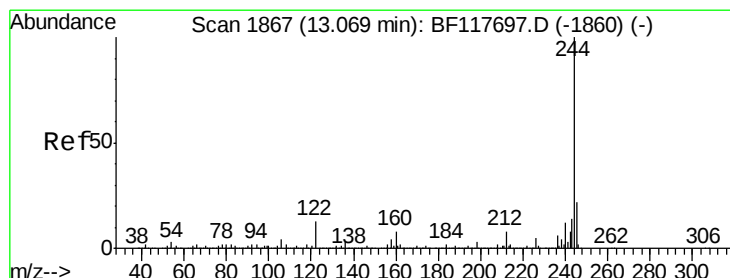
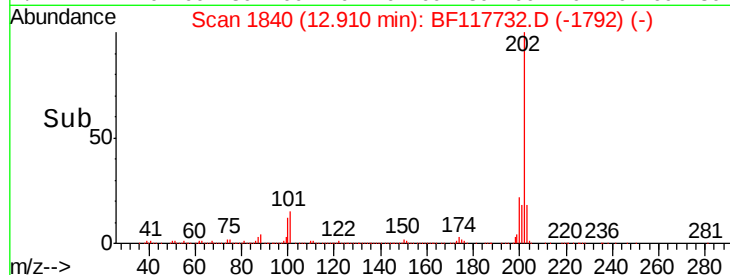
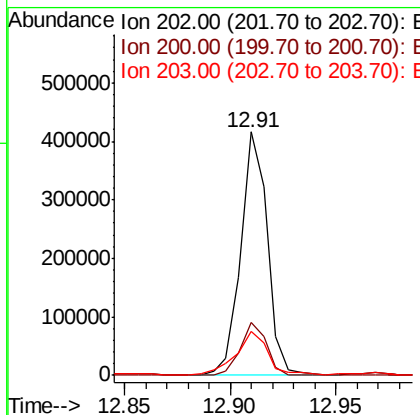
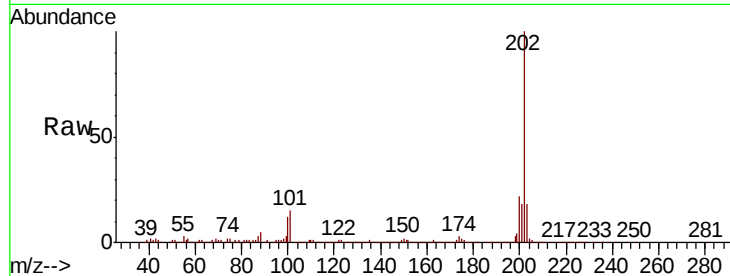
ClientSampled :

6-B

Tot Ion:	202	Resp:	358650
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.8	28.2
203	18.2	15.2	22.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 61.708 ng

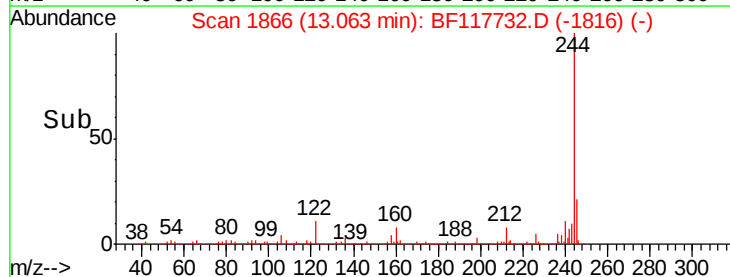
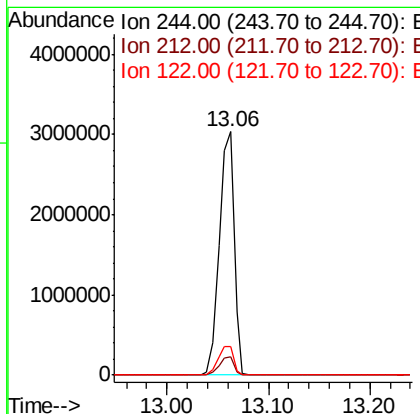
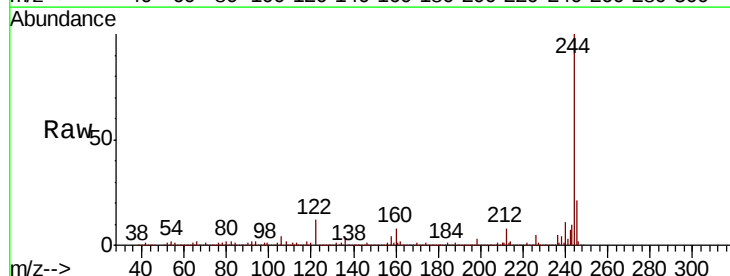
RT: 13.06 min Scan# 1866

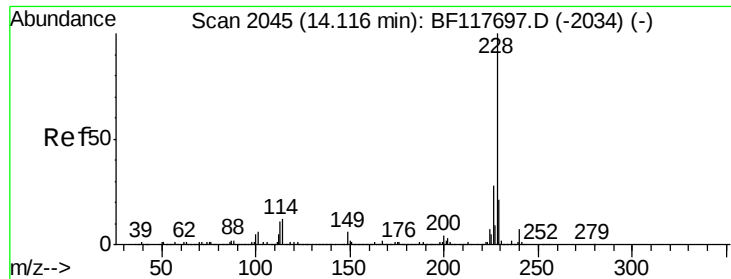
Delta R.T. -0.01 min

Lab File: BF117732.D

Acq: 8 Nov 2019 15:50

Tgt Ion:	244	Resp:	3086664
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.4	9.6
122	11.5	10.0	15.0





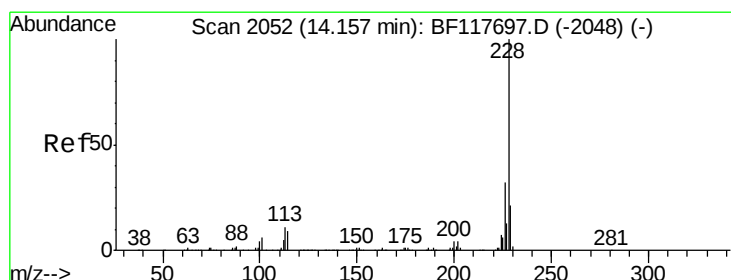
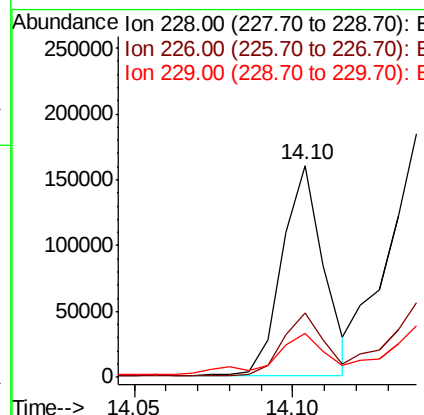
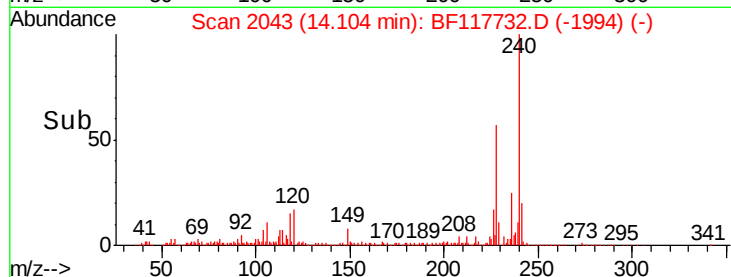
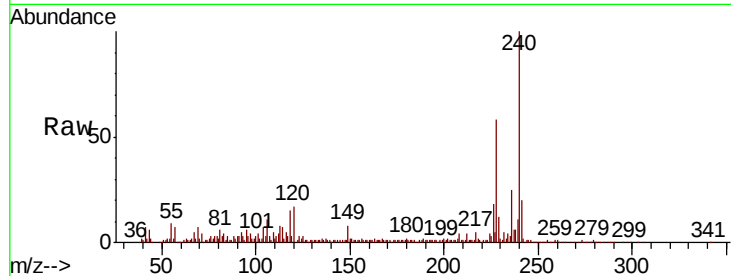
#81
Benzo(a)anthracene
Concen: 2.273 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :
6-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.8	34.2
229	20.8	16.9	25.3

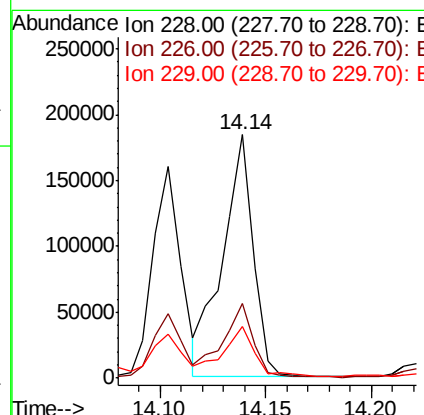
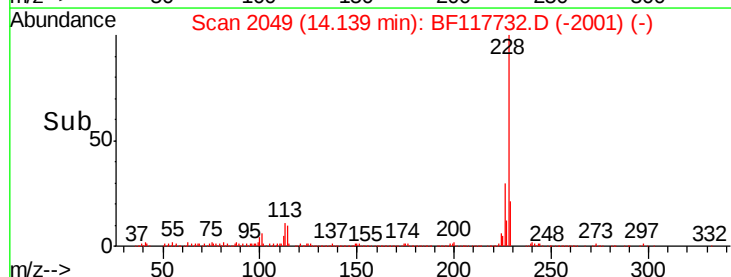
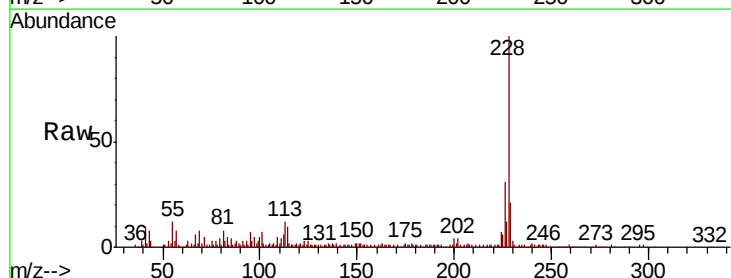
Manual Integrations
APPROVED

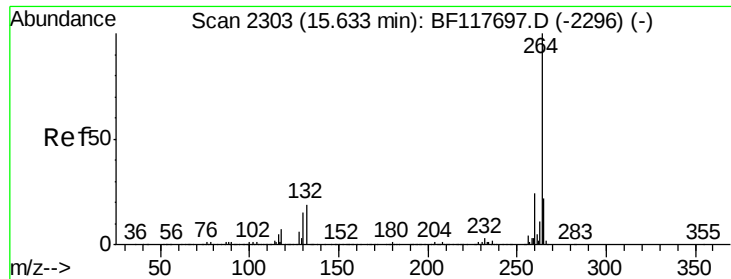
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#83
Chrysene
Concen: 2.918 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	21.4	16.6	24.8





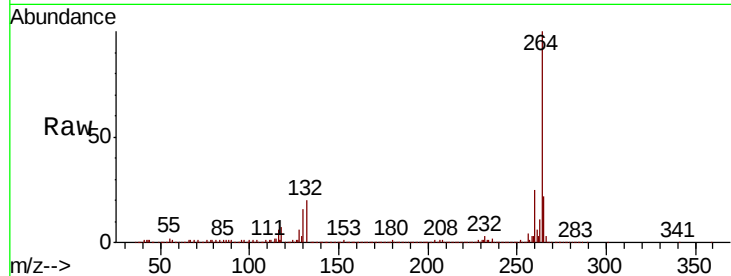
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :
6-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.8	28.2
265	22.3	17.7	26.5

Manual Integrations
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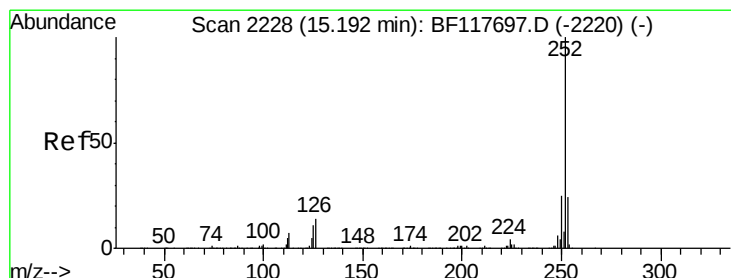
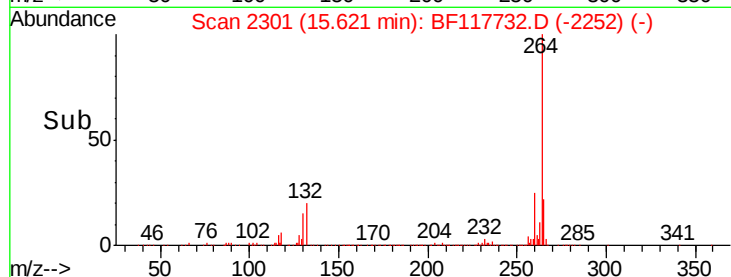
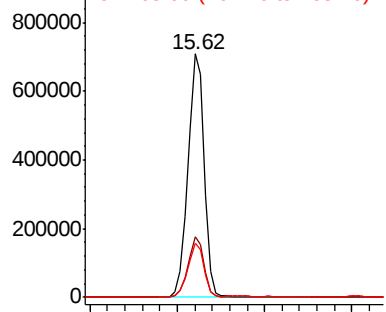


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 3.676 ng m
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117732.D
Acq: 8 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	14.0	8.5	12.7#

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

