

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117750.D
 Acq On : 8 Nov 2019 23:52
 Operator : JU
 Sample : K5675-06 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110619

Manual Integrations
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Quant Time: Nov 11 01:28:00 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	352844	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1390966	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	729090	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1203134	20.00	ng	0.00
76) Chrysene-d12	14.12	240	729837	20.00	ng	0.00
87) Perylene-d12	15.63	264	788383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	812941	41.71	ng	-0.01
7) Phenol-d6	6.54	99	1043605	43.42	ng	-0.02
23) Nitrobenzene-d5	7.49	82	615756	26.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	275377	38.61	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1230816	33.31	ng	-0.01
79) Terphenyl-d14	13.07	244	996654	28.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.69	163	131318	2.664	ng	Qvalue # 98
71) Phenanthrene	11.49	178	366083	6.348	ng	94
75) Fluoranthene	12.70	202	166949	2.835	ng	97
78) Pyrene	12.93	202	302644	5.681	ng	97
81) Benzo(a)anthracene	14.11	228	117455	2.585	ng	97
83) Chrysene	14.14	228	115347	2.571	ng	97
88) Benzo(b)fluoranthene	15.18	252	121191m	2.441	ng	

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

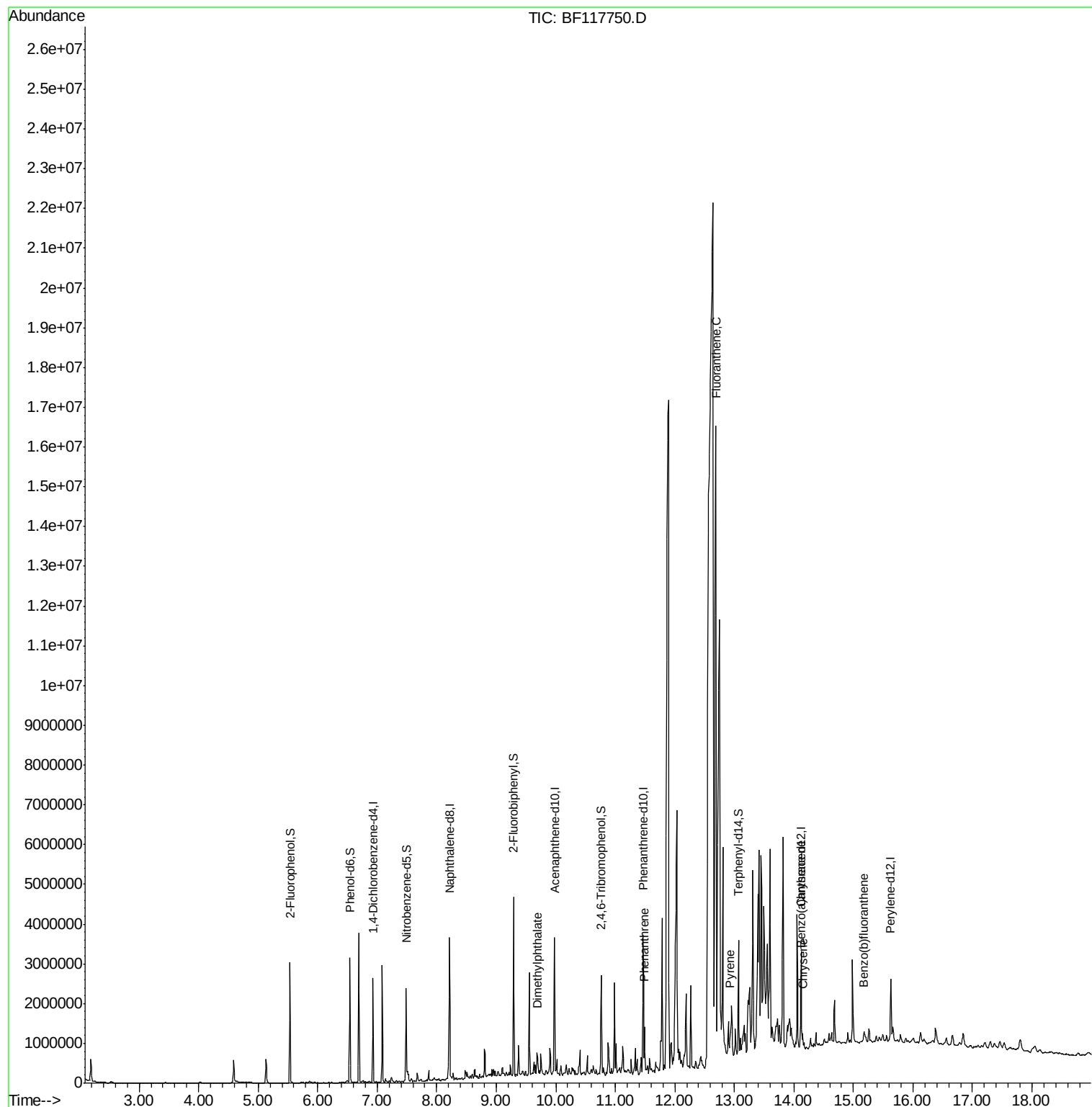
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117750.D
Acq On : 8 Nov 2019 23:52
Operator : JU
Sample : K5675-06 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

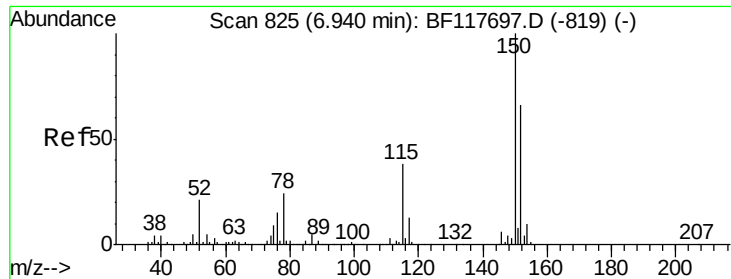
Instrument :
BNA_F
ClientSampleId :
TR-04-110619

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#1

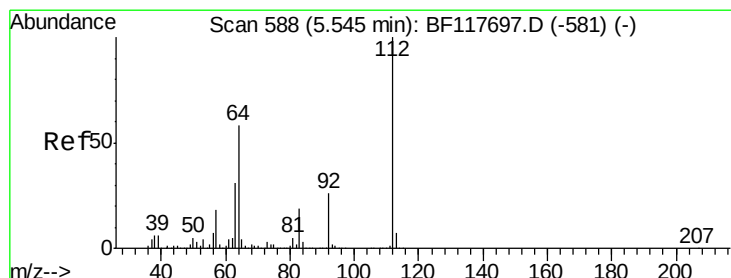
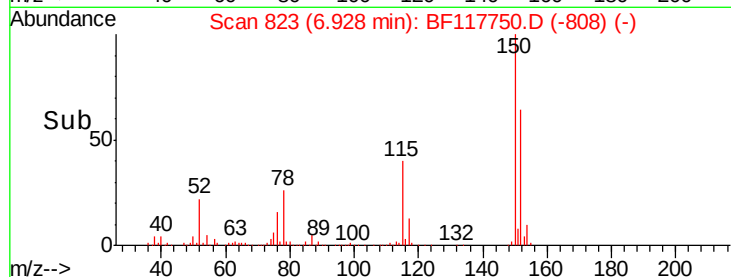
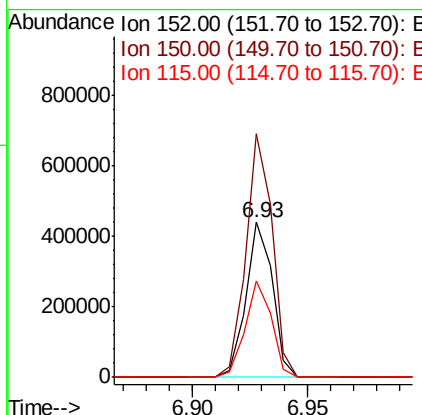
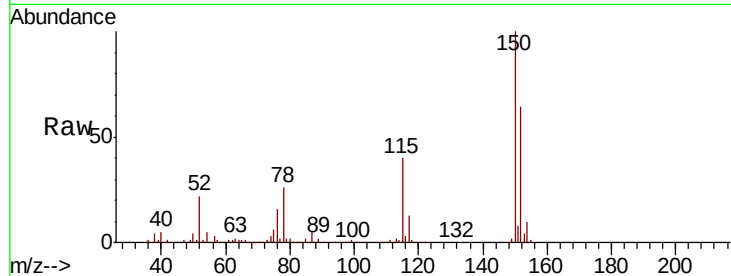
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Instrument :
BNA_F
ClientSampleId :
TR-04-110619

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.4	182.2
115	62.4	46.7	70.1

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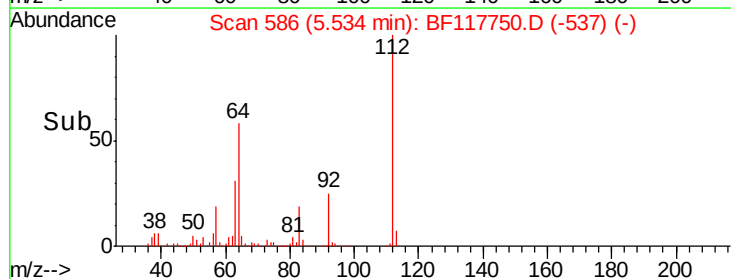
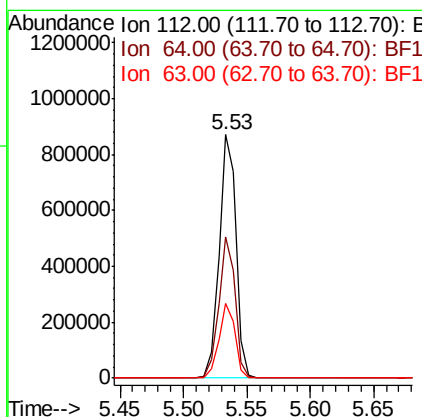
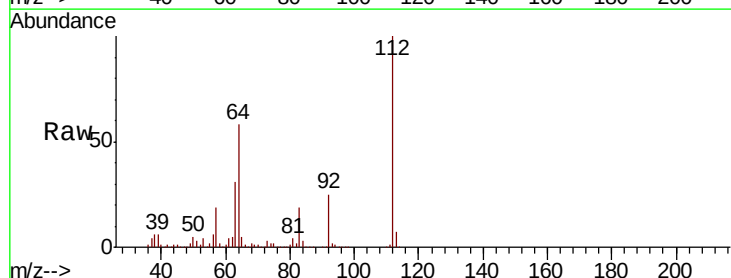
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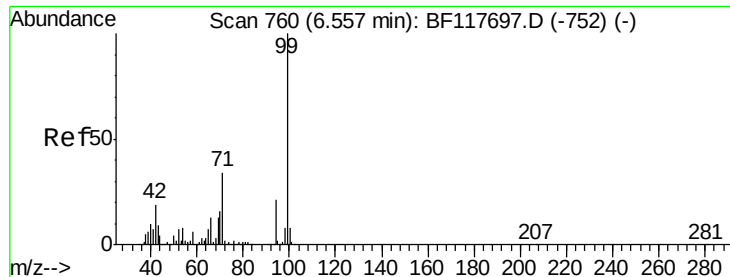


#5

2-Fluorophenol
Concen: 41.705 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.4	69.6
63	30.6	24.6	37.0





#7

Phenol-d6

Concen: 43.421 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117750.D

Acq: 8 Nov 2019 23:52

Instrument :

BNA_F

ClientSampled :

TR-04-110619

Tot Ion: 99 Resp: 1043605

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

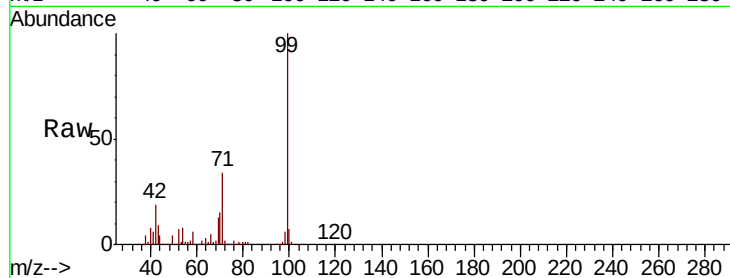
71 34.2 26.8 40.2

Manual Integrations

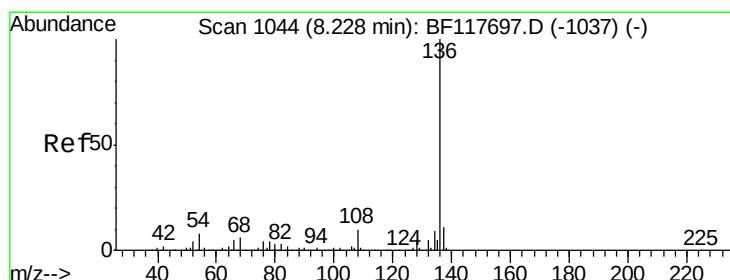
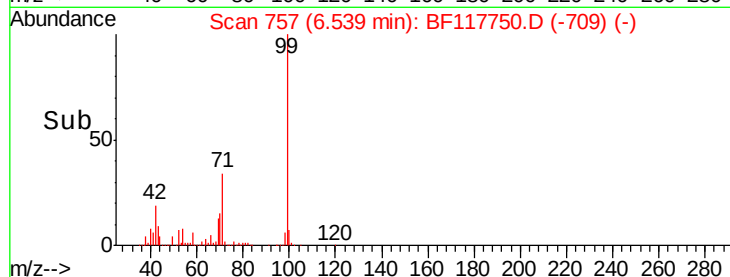
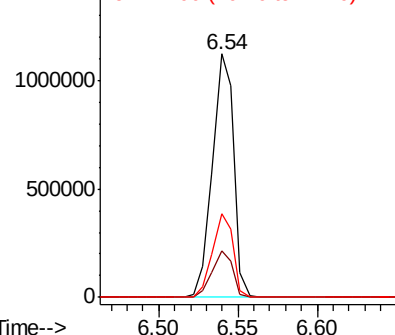
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117750.D

Acq: 8 Nov 2019 23:52

Tgt Ion: 136 Resp: 1390966

Ion Ratio Lower Upper

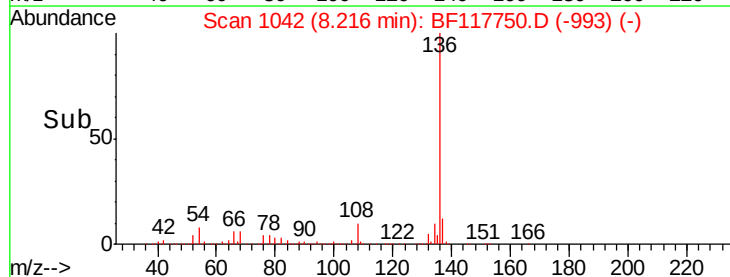
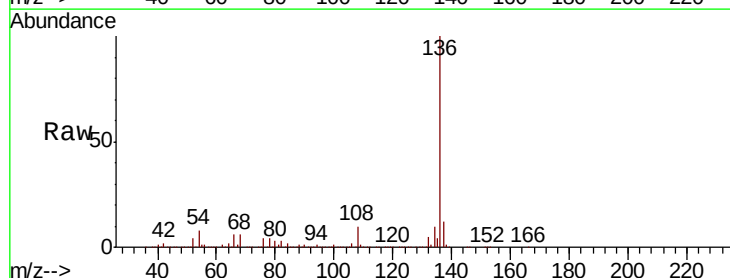
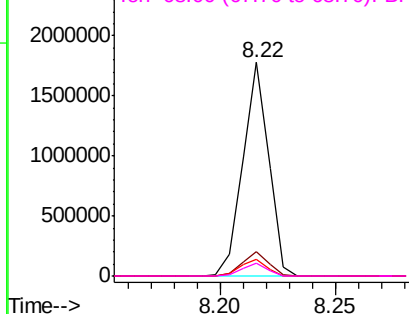
136 100

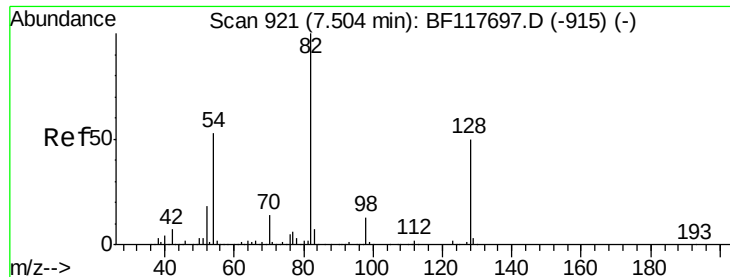
137 11.5 8.8 13.2

54 7.8 6.0 9.0

68 5.9 4.8 7.2

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





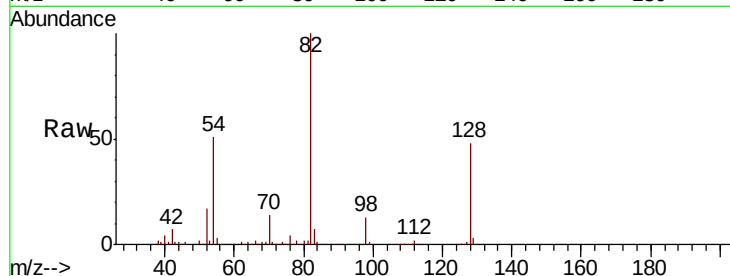
#23
Nitrobenzene-d5
Concen: 26.136 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Instrument :
BNA_F
ClientSampleId :
TR-04-110619

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.2	60.2
54	51.1	42.0	63.0

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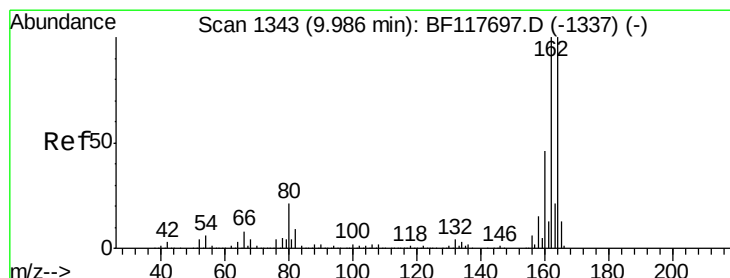
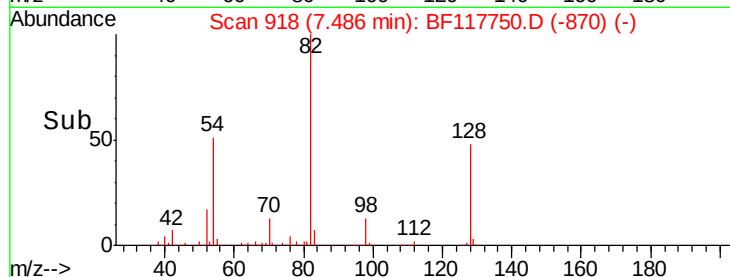
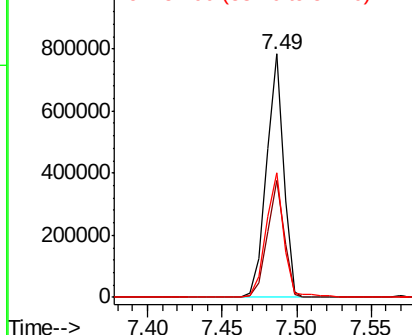


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

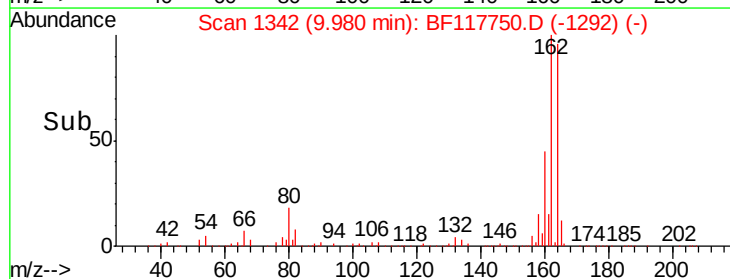
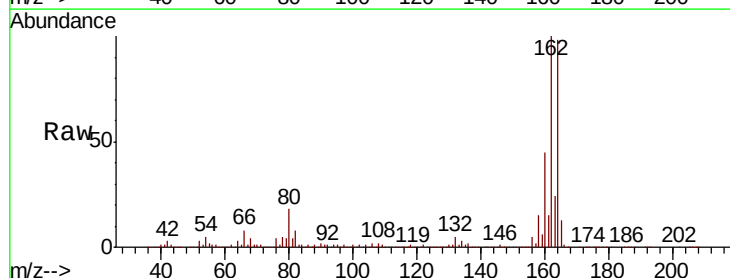
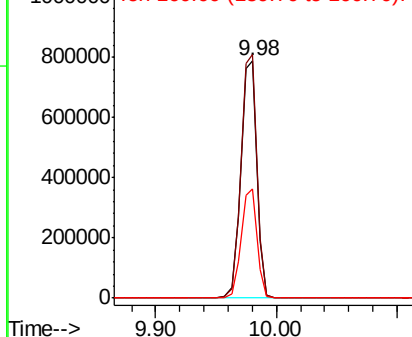
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.7	119.5
160	46.2	36.5	54.7

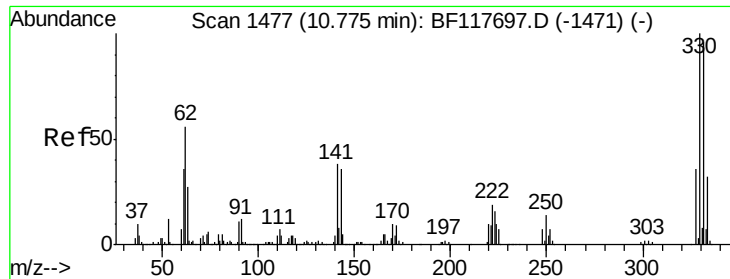
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





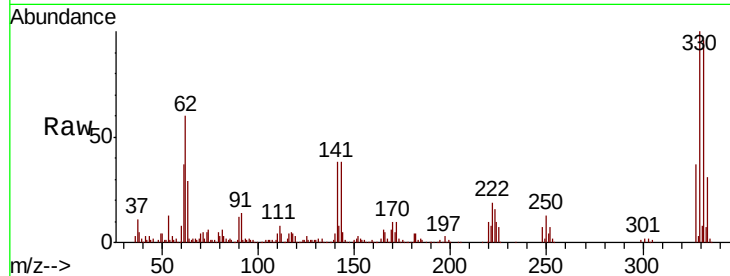
#42
 2,4,6-Tribromophenol
 Concen: 38.611 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117750.D
 Acq: 8 Nov 2019 23:52

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110619

Tot Ion	Ratio	Resp	Lower	Upper
330	100	275377		
332	96.6		77.4	116.0
141	34.1		28.0	42.0

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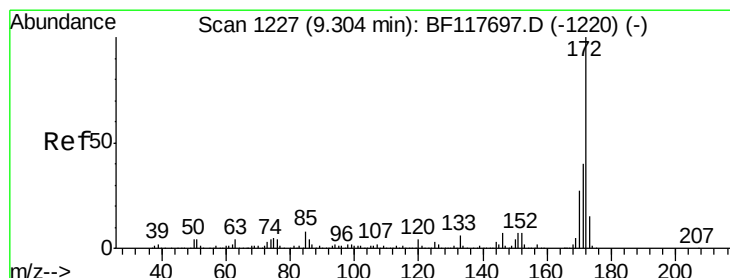
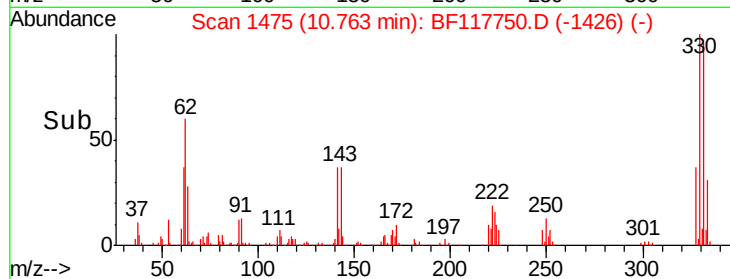
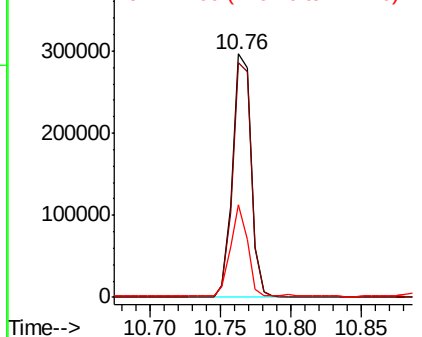


Abundance

Ion 329.80 (329.50 to 330.50): E

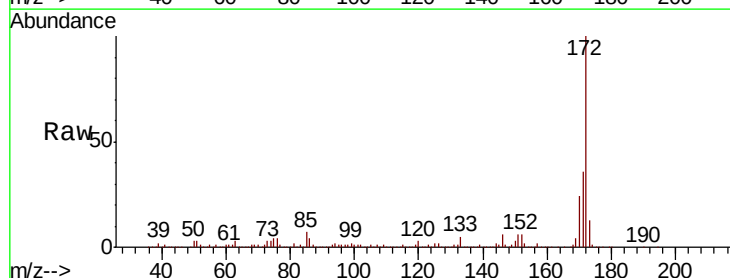
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 33.308 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF117750.D
 Acq: 8 Nov 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1230816		
171	35.7		31.8	47.8
170	23.8		21.6	32.4

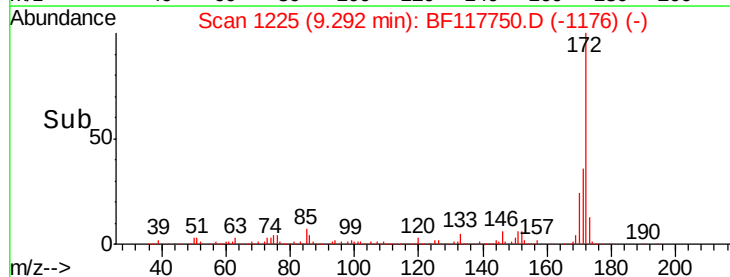
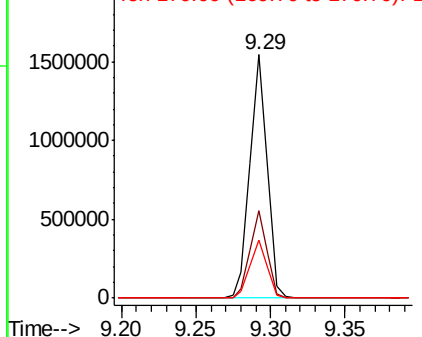


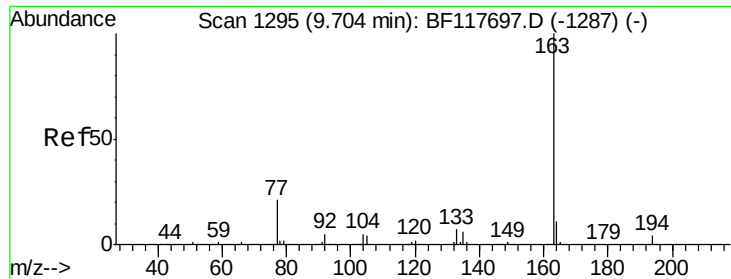
Abundance

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





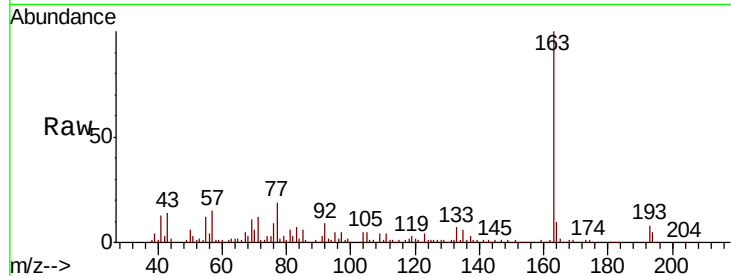
#50
Dimethylphthalate
Concen: 2.664 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Instrument :
BNA_F
ClientSampleId :
TR-04-110619

Tot Ion	Ratio	Resp	Lower	Upper
163	100	131318		
194	5.1	3.4	5.0#	
164	10.2	8.9	13.3	

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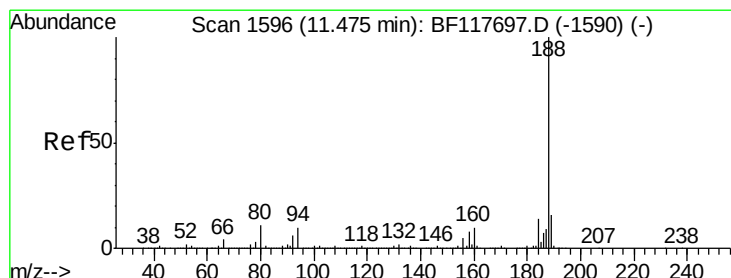
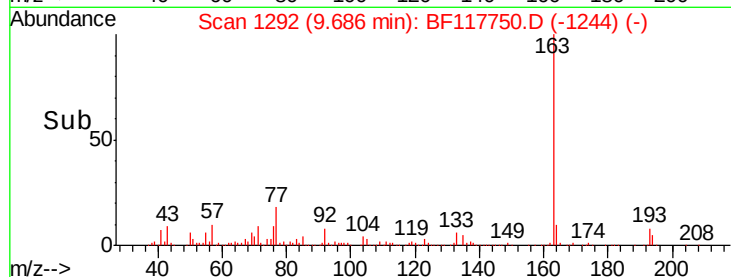
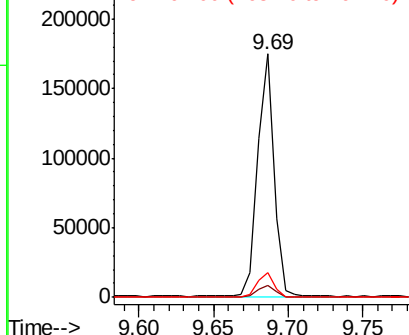


Abundance

Ion 163.00 (162.70 to 163.70): E

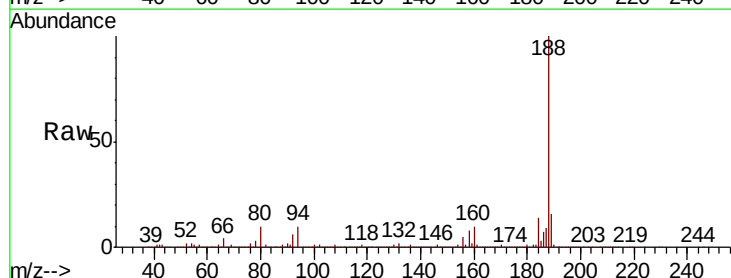
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1203134		
94	9.7	8.2	12.4	
80	10.5	8.6	13.0	

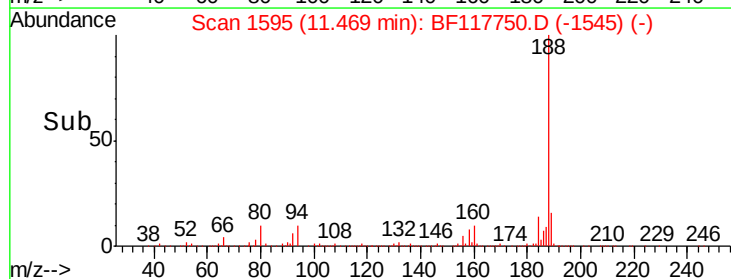
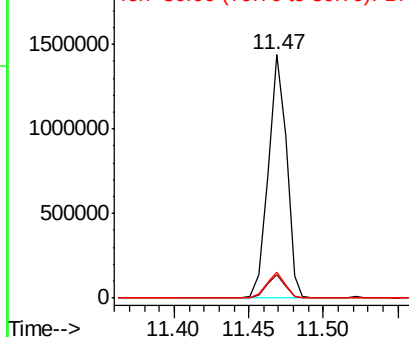


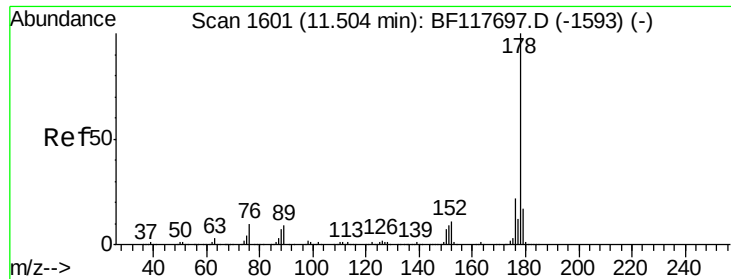
Abundance

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: 6.348 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF117750.D

Acq: 8 Nov 2019 23:52

Instrument :

BNA_F

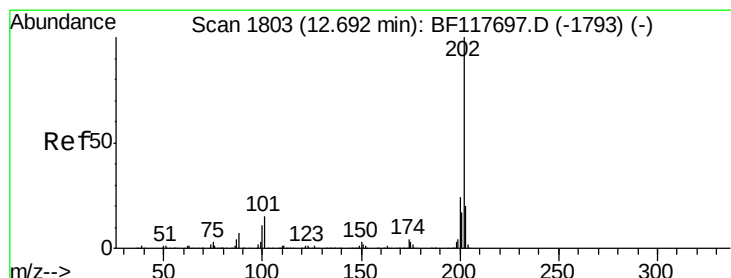
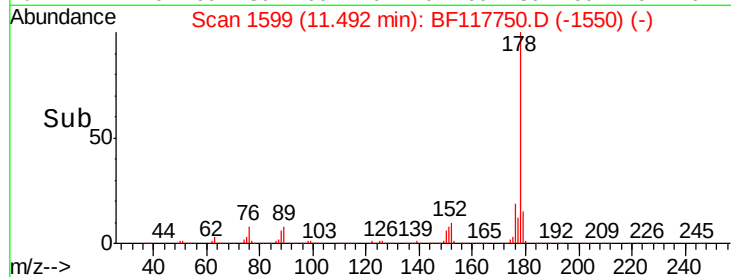
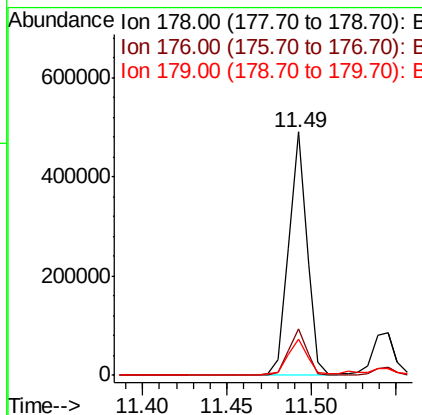
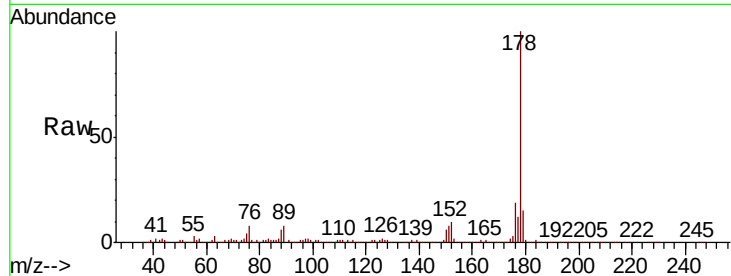
ClientSampleId :

TR-04-110619

Tot Ion:	178	Resp:	366083
Ion Ratio	Lower	Upper	
178	100		
176	18.9	17.7	26.5
179	14.9	13.8	20.8

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#75

Fluoranthene

Concen: 2.835 ng

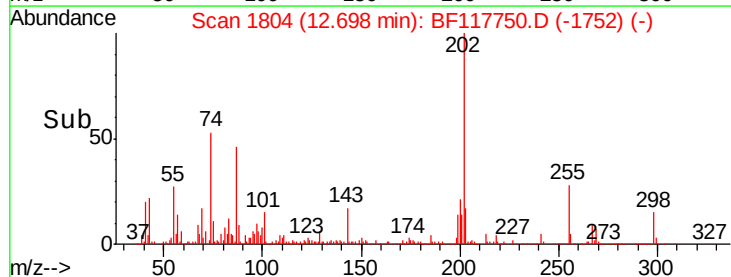
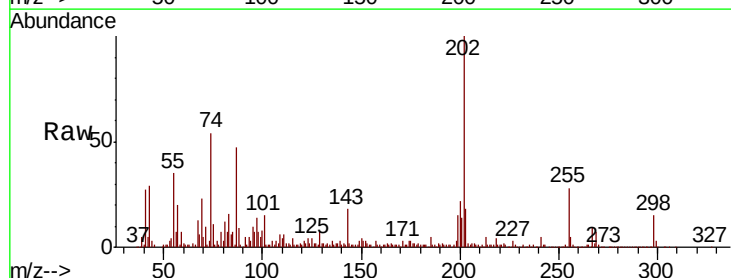
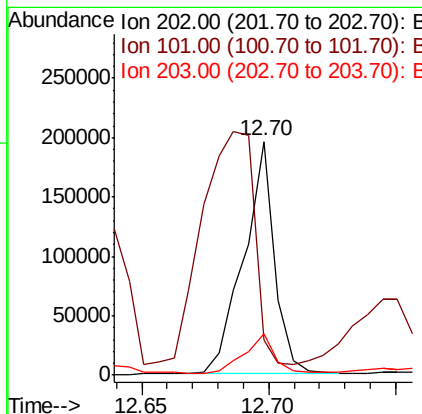
RT: 12.70 min Scan# 1804

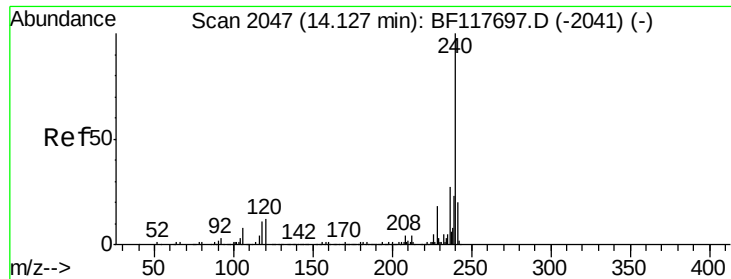
Delta R.T. 0.01 min

Lab File: BF117750.D

Acq: 8 Nov 2019 23:52

Tgt Ion:	202	Resp:	166949
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	34.5
203	17.9	0.0	39.8





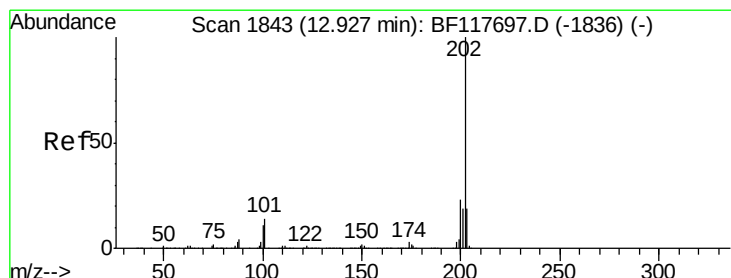
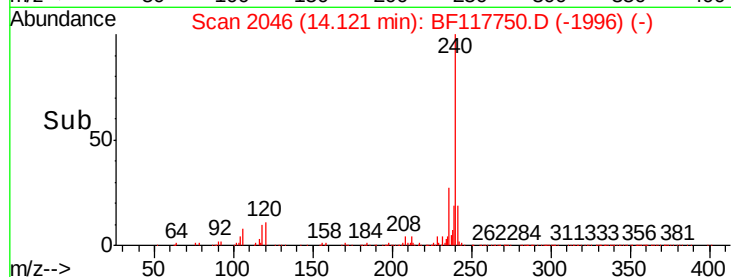
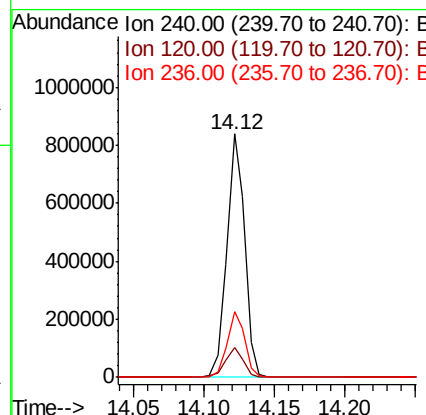
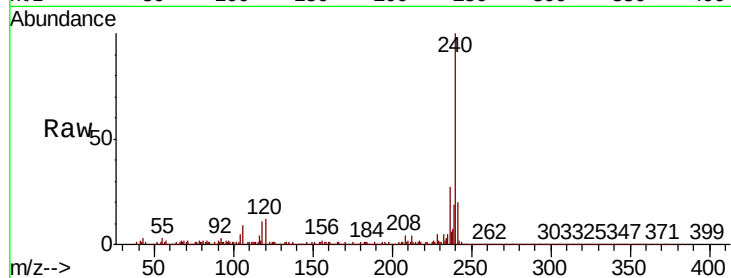
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Instrument :
BNA_F
ClientSampleId :
TR-04-110619

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	26.9	21.9	32.9

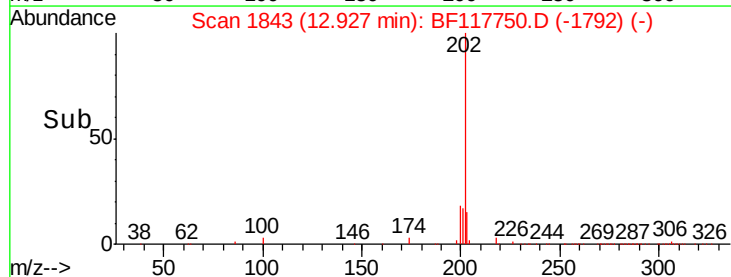
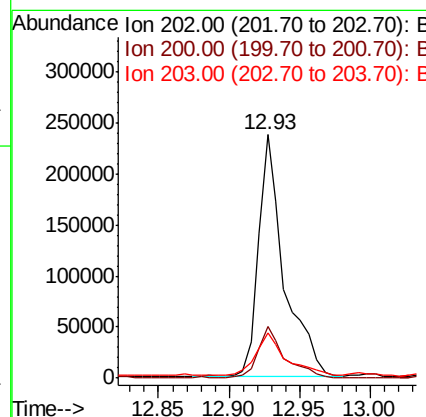
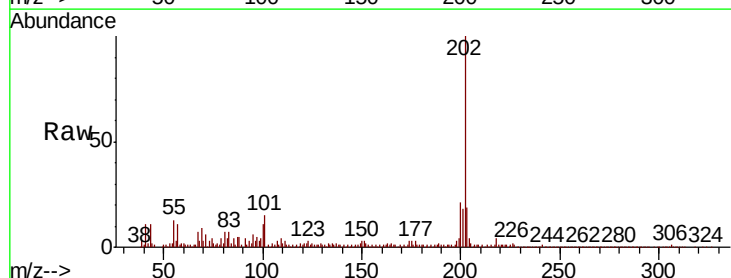
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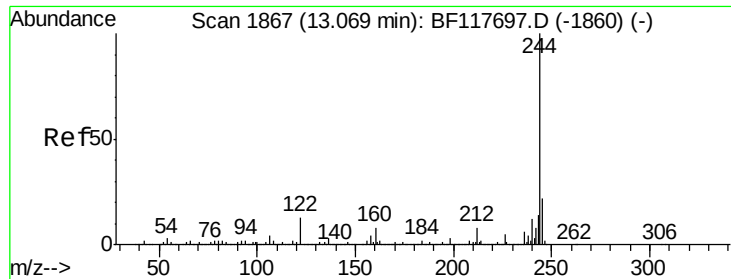
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11/11/2019 4:49:44 PM



#78
Pyrene
Concen: 5.681 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.8	28.2
203	18.7	15.2	22.8





#79

Terphenyl-d14

Concen: 28.112 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BF117750.D

Acq: 8 Nov 2019 23:52

Instrument :

BNA_F

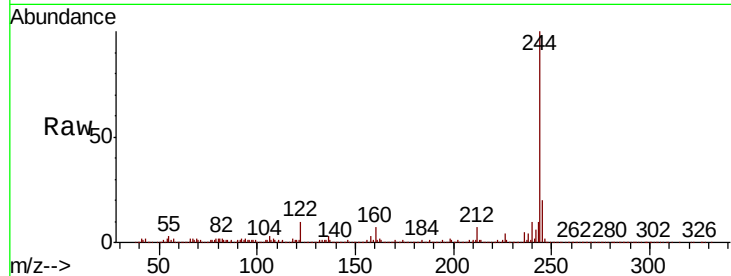
ClientSampled :

TR-04-110619

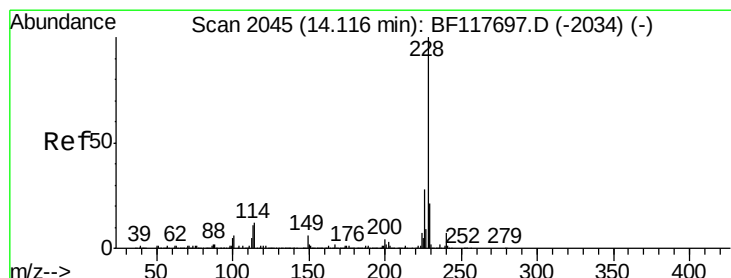
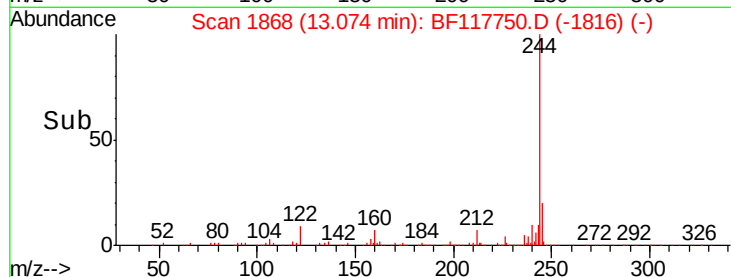
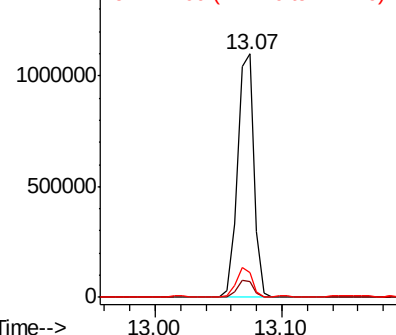
Tot Ion:	244	Resp:	996654
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.4	9.6
122	9.9	10.0	15.0#

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11/11/2019 4:49:44 PM



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.585 ng

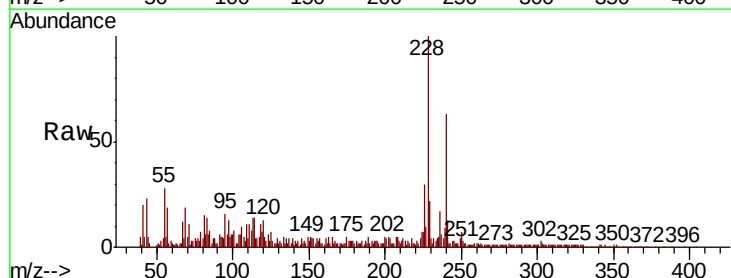
RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

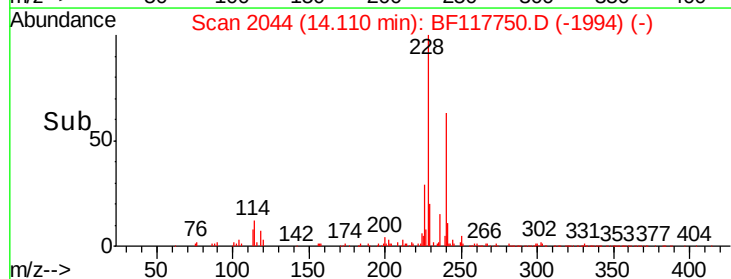
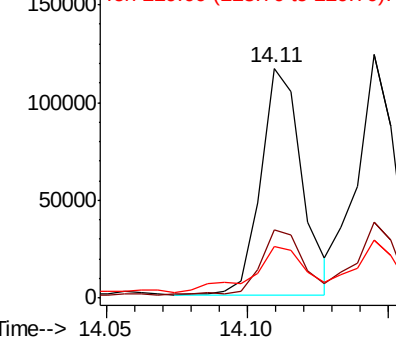
Lab File: BF117750.D

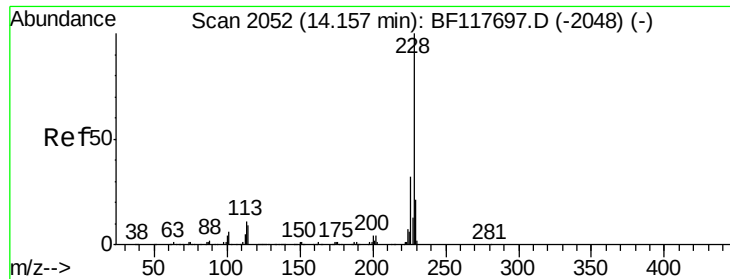
Acq: 8 Nov 2019 23:52

Tgt Ion:	228	Resp:	117455
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.8	34.2
229	22.4	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E
150000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





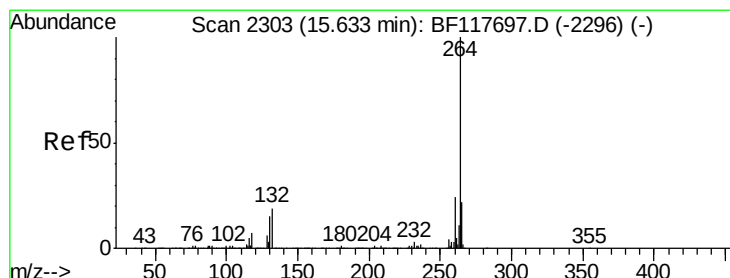
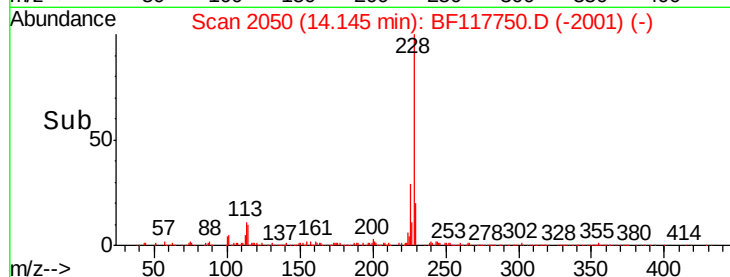
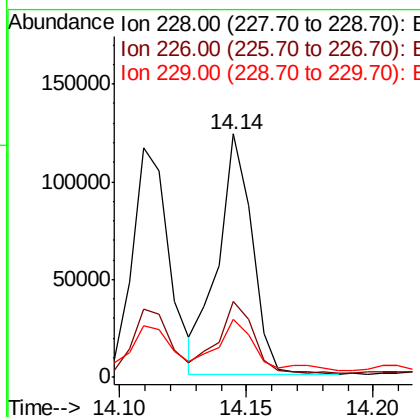
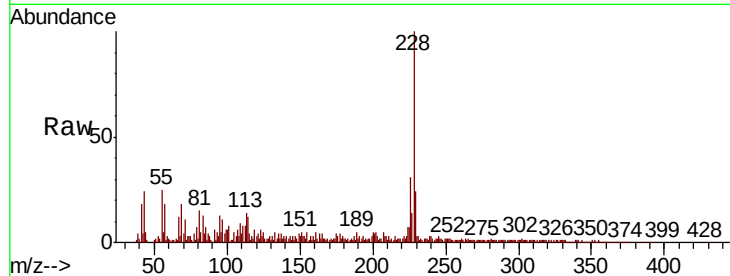
#83
Chrysene
Concen: 2.571 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Instrument :
BNA_F
ClientSampleId :
TR-04-110619

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.2
229	24.0	16.6	24.8

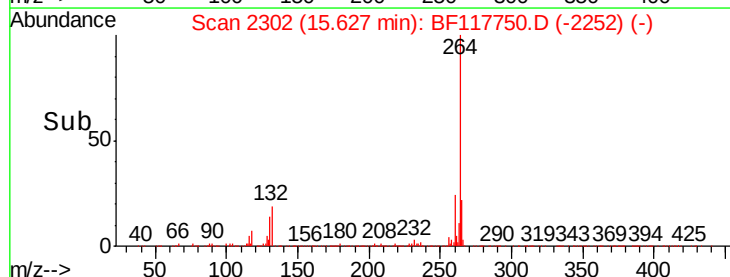
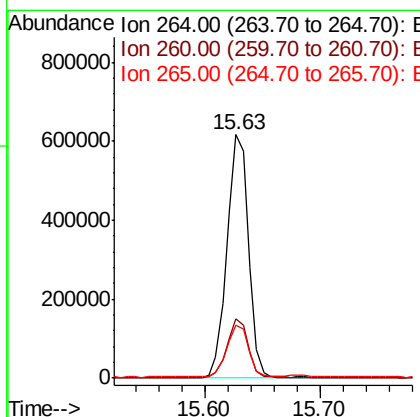
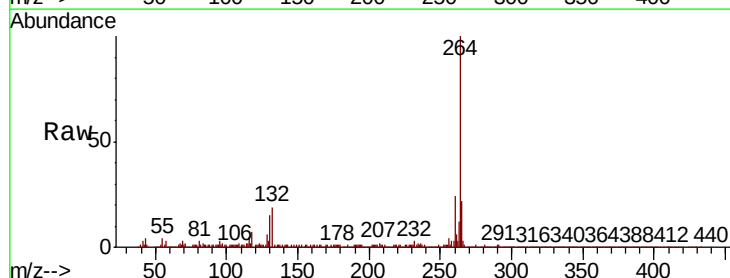
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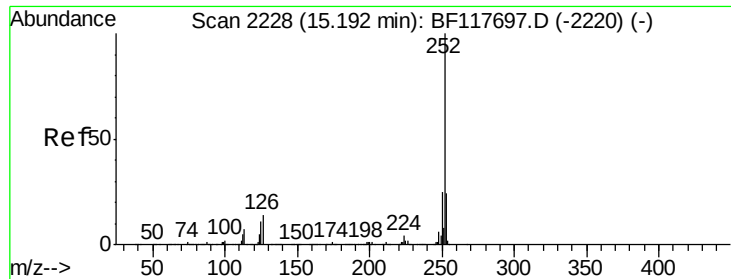
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117750.D
Acq: 8 Nov 2019 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.9	17.7	26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.441 ng/ml
 RT: 15.18 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF117750.D
 Acq: 8 Nov 2019 23:52

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110619

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.4	18.9	28.3
125	19.9	8.5	12.7

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