

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118549.D
 Acq On : 13 Jan 2020 23:54
 Operator : JU
 Sample : L1107-02 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-209-3.0

Manual Integrations
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Quant Time: Jan 14 14:18:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	118693	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	457164	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	213020	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	343332	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	301986	20.00	ng	-0.03
87) Perylene-d12	15.49	264	270318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	314189	43.70	ng	-0.01
7) Phenol-d6	6.46	99	395063	45.96	ng	-0.02
23) Nitrobenzene-d5	7.38	82	206299	23.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	104546	41.59	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	428613	28.86	ng	-0.02
79) Terphenyl-d14	12.94	244	461304	24.21	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.57	163	32706	2.000	ng	99
71) Phenanthrene	11.38	178	42537	2.212	ng	97
75) Fluoranthene	12.57	202	206672	10.572	ng	99
78) Pyrene	12.80	202	227790	9.168	ng	98
81) Benzo(a)anthracene	14.00	228	169640	8.026	ng	98
83) Chrysene	14.03	228	144743	7.047	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	68821	4.162	ng	96
88) Benzo(b)fluoranthene	15.06	252	194116m	9.932	ng	
89) Benzo(k)fluoranthene	15.08	252	57349m	3.074	ng	
90) Benzo(a)pyrene	15.43	252	116261	7.259	ng	98
92) Benzo(g,h,i)perylene	17.43	276	58962	4.144	ng	93

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

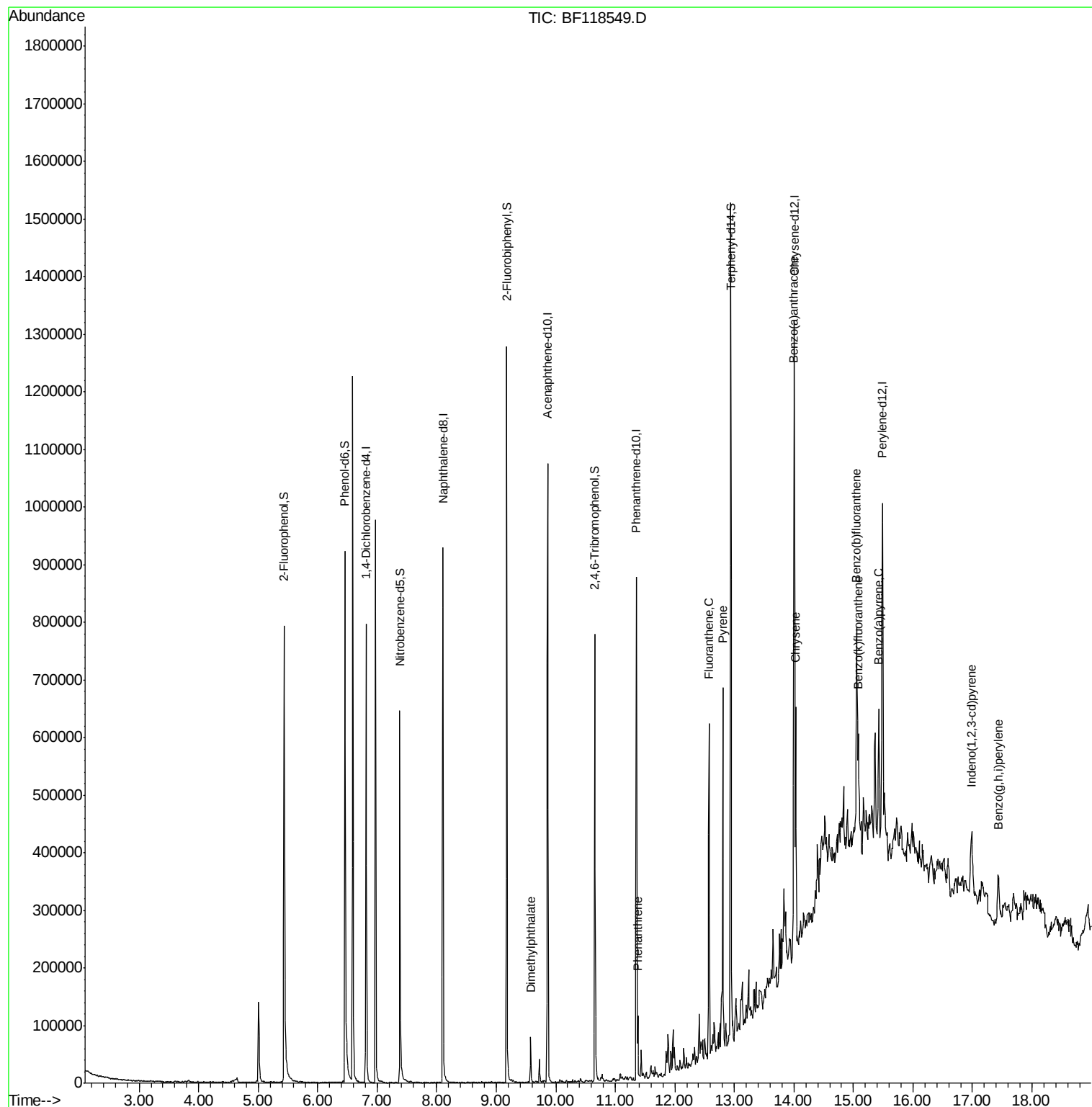
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

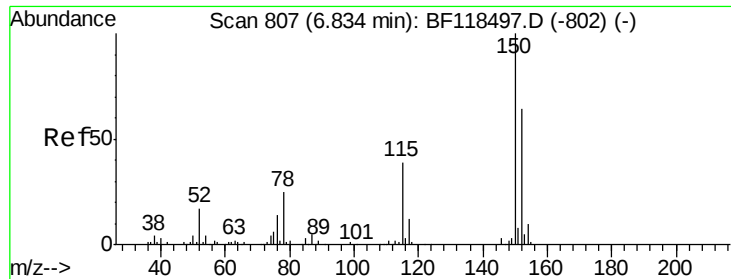
Instrument :
BNA_F
ClientSampled :
BW-209-3.0

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Quant Time: Jan 14 14:18:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration





#1

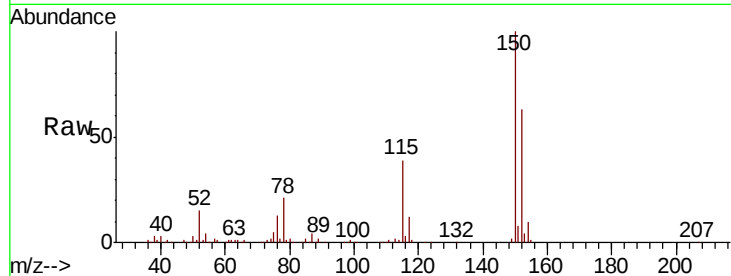
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Instrument :
BNA_F
ClientSampleId :
BW-209-3.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	61.3	49.0	73.6

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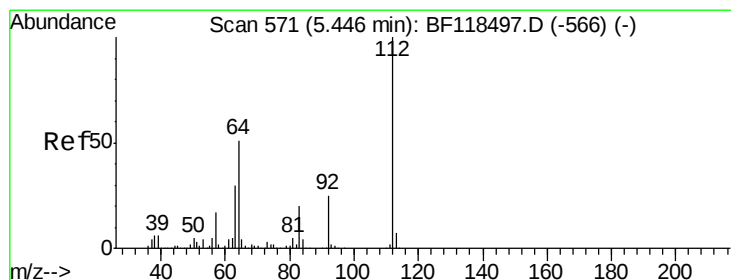
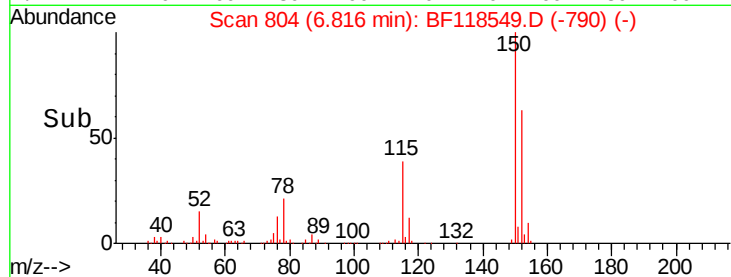
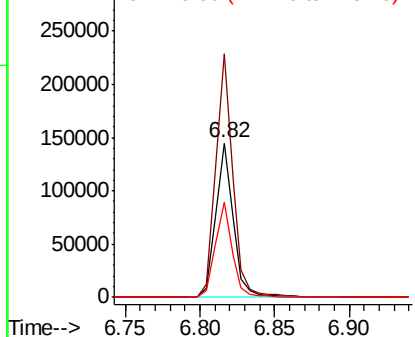


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

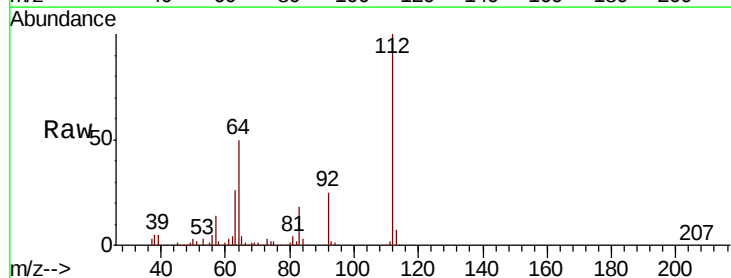
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.697 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	41.1	61.7
63	26.4	24.1	36.1

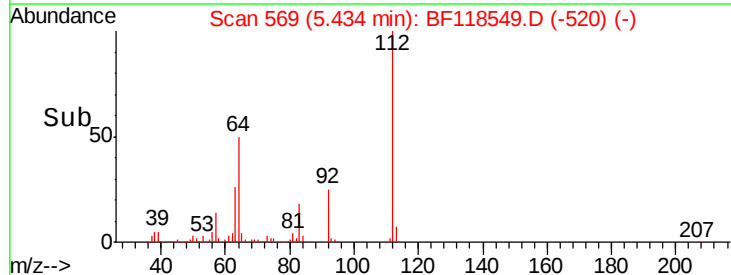
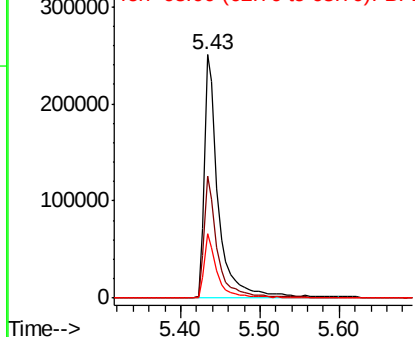


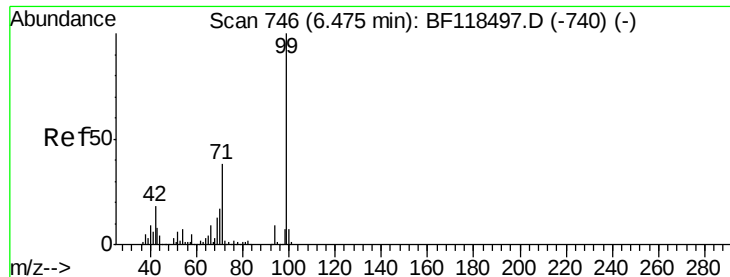
Abundance

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: 45.957 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118549.D

Acq: 13 Jan 2020 23:54

Instrument :

BNA_F

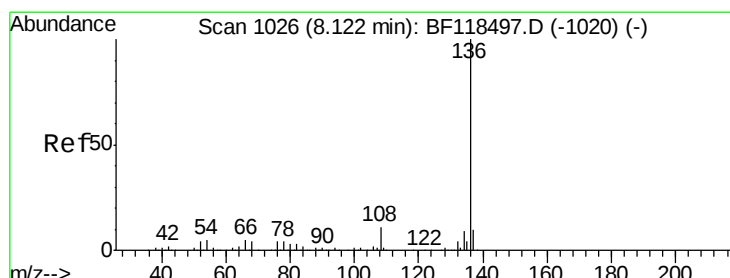
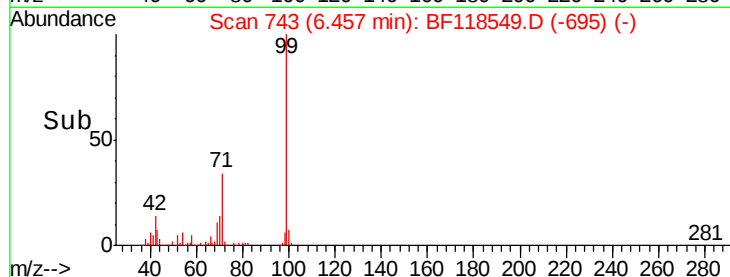
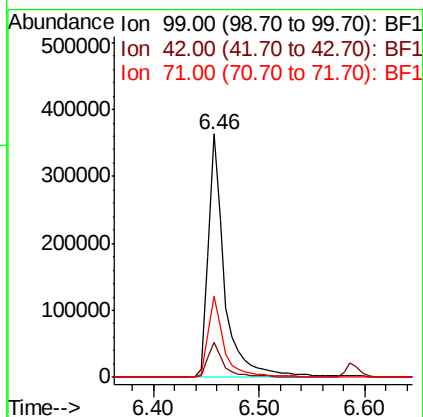
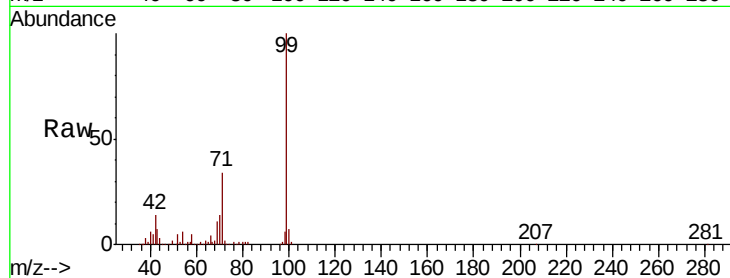
ClientSampleId :

BW-209-3.0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		395063		
42	14.5	14.5	21.7#		
71	33.5	30.6	45.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

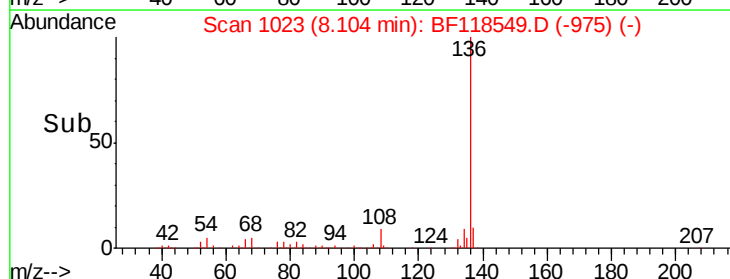
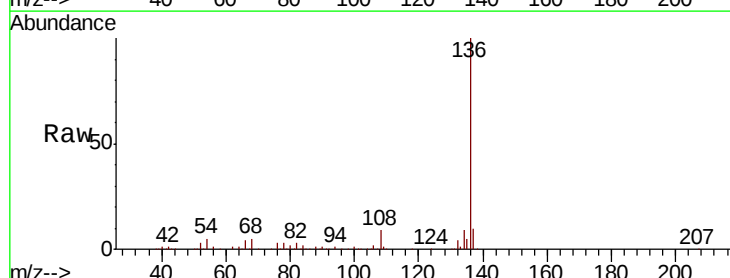
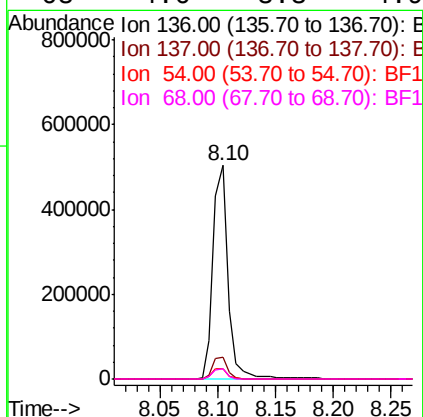
RT: 8.10 min Scan# 1023

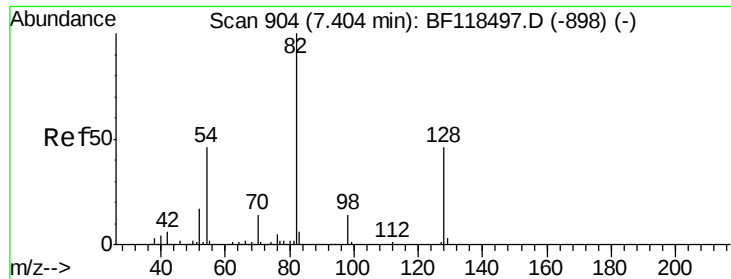
Delta R.T. -0.02 min

Lab File: BF118549.D

Acq: 13 Jan 2020 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		457164		
137	10.5	8.3	12.5		
54	4.8	4.2	6.2		
68	4.6	3.3	4.9		





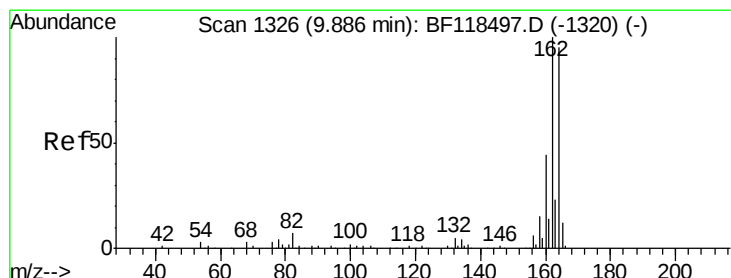
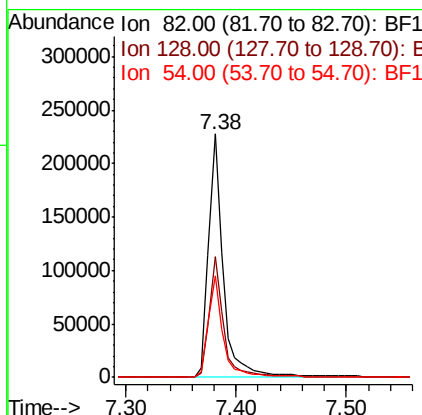
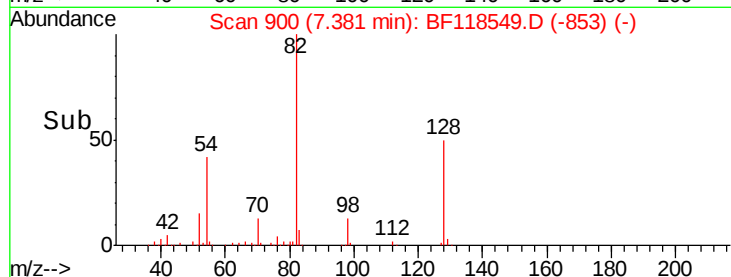
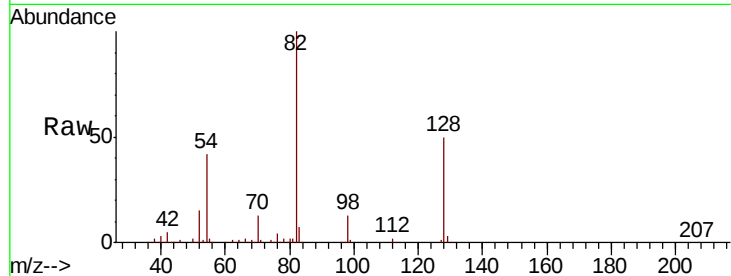
#23
 Nitrobenzene-d5
 Concen: 23.705 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-209-3.0

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.6	54.8
54	41.6	37.0	55.6

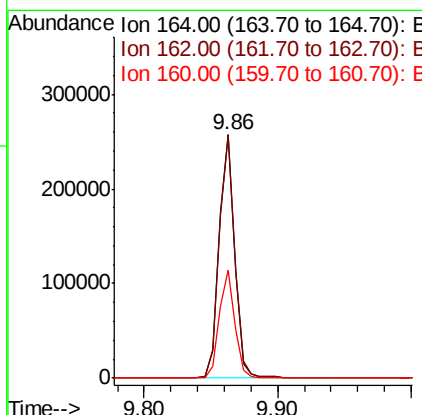
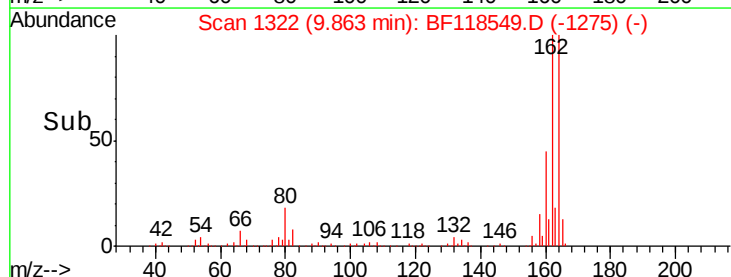
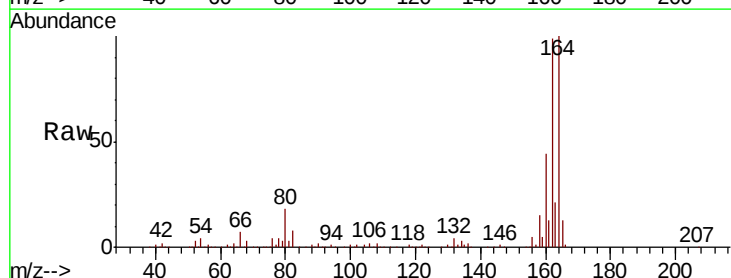
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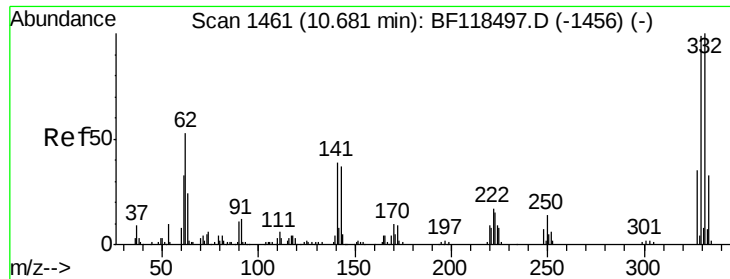
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	84.2	126.4
160	44.5	36.8	55.2





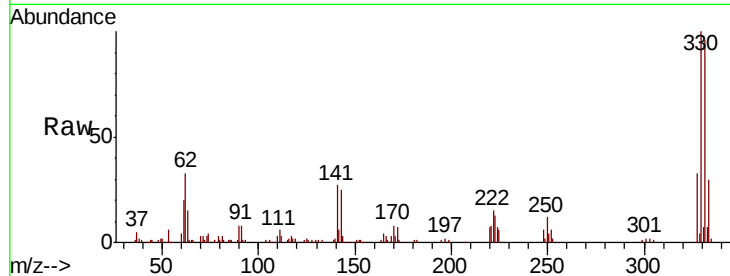
#42
 2,4,6-Tribromophenol
 Concen: 41.592 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-209-3.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	29.1	28.6	43.0

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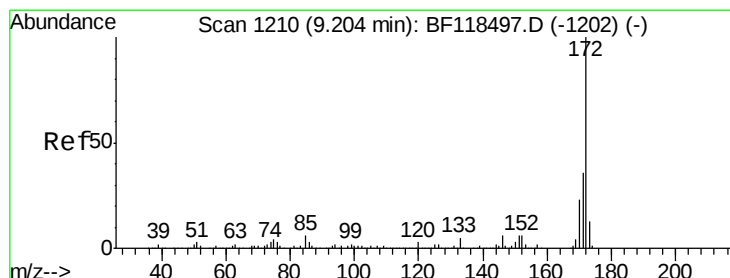
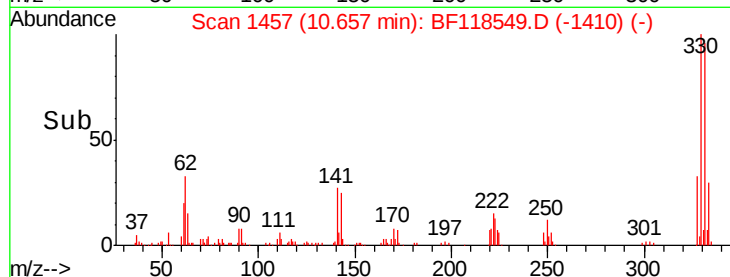
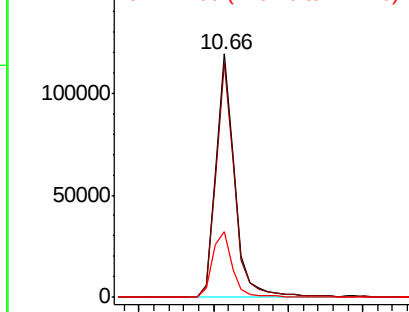


Abundance

Ion 329.80 (329.50 to 330.50): E

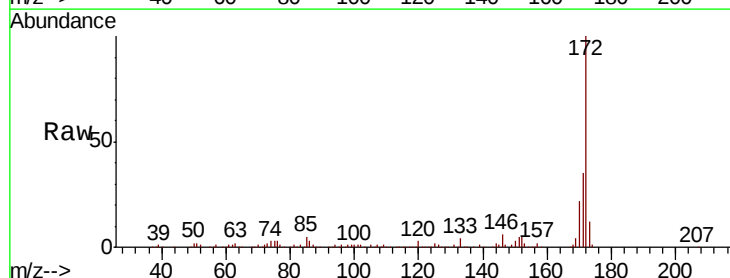
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 28.857 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	22.4	18.6	27.8

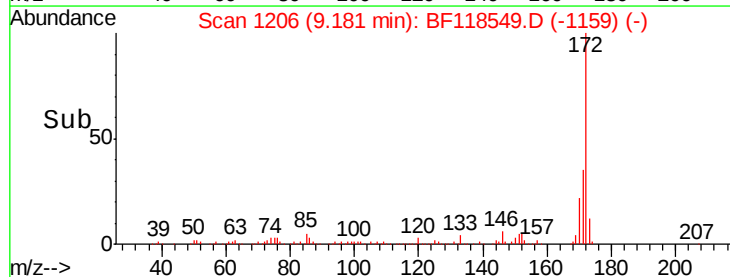
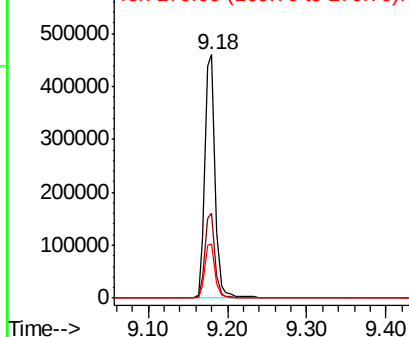


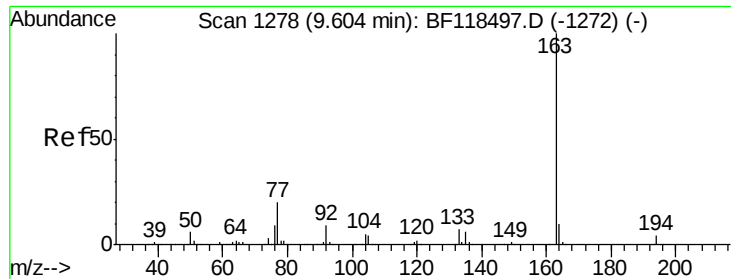
Abundance

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





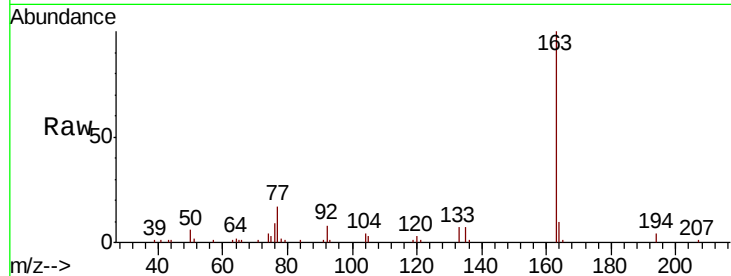
#50
Dimethylphthalate
Concen: 2.000 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Instrument :
BNA_F
ClientSampleId :
BW-209-3.0

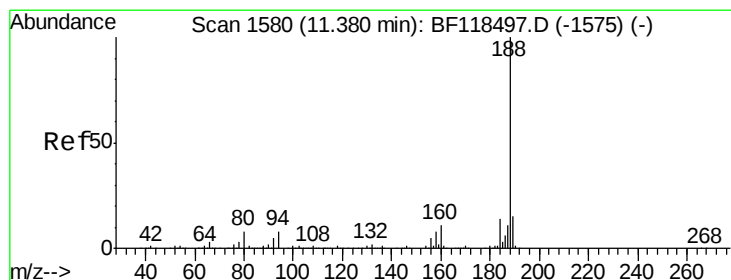
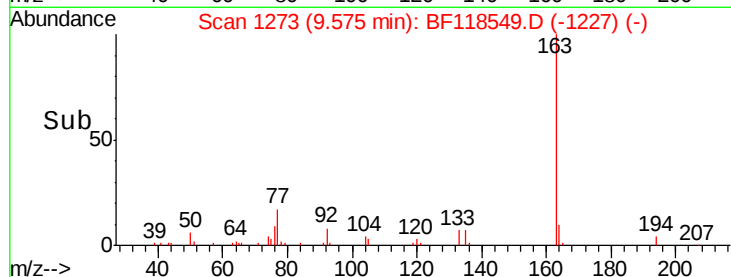
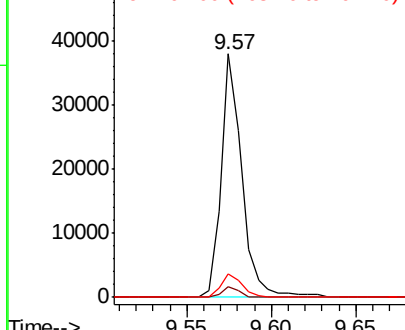
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	9.7	8.1	12.1

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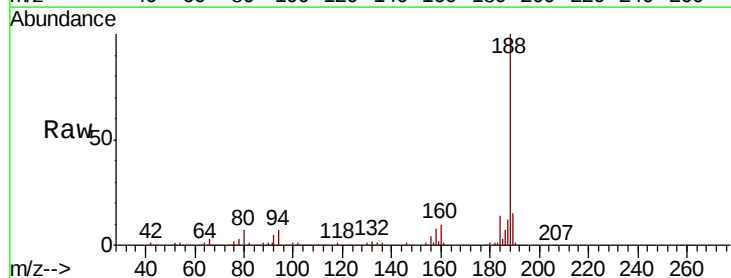


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

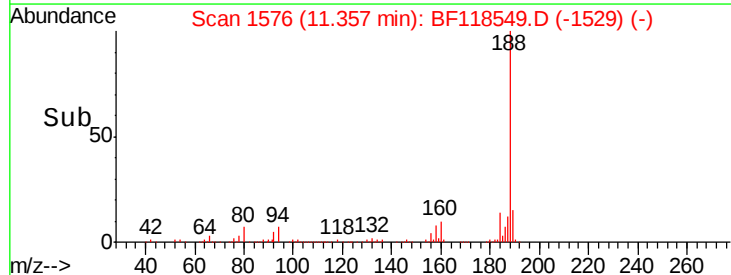
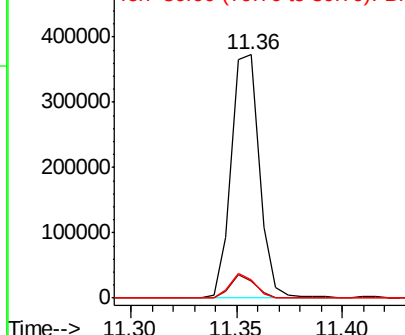


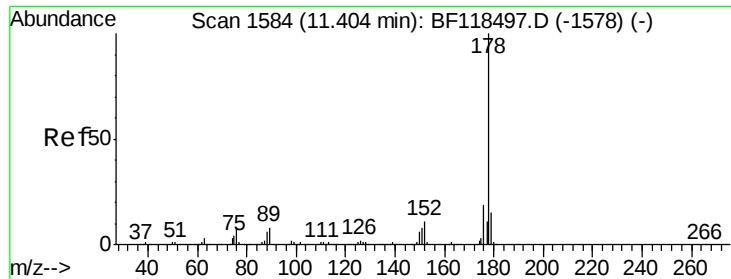
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	7.5	6.6	10.0



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





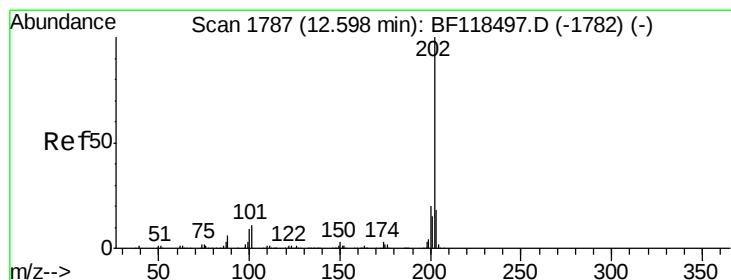
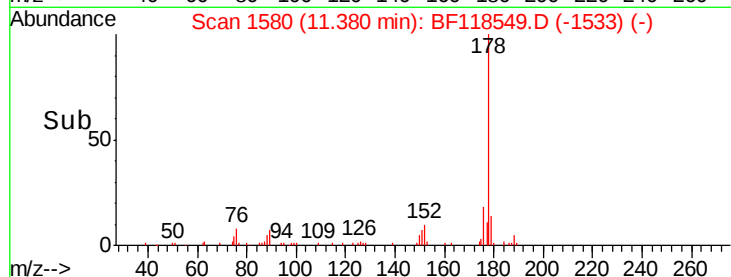
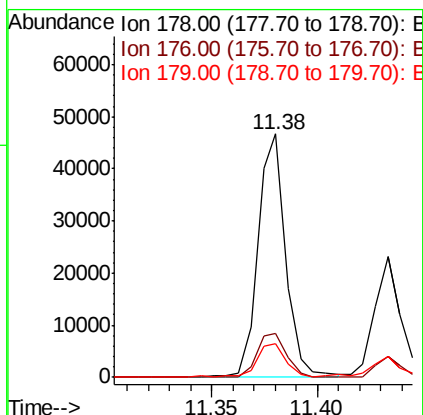
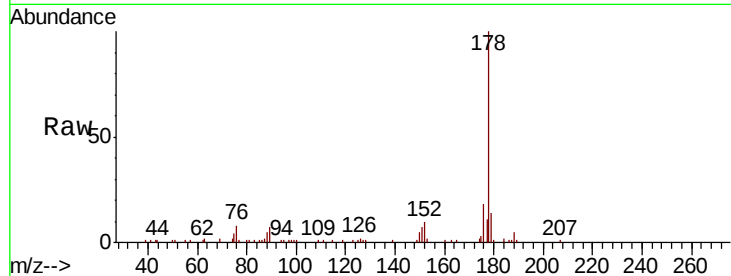
#71
Phenanthrene
Concen: 2.212 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Instrument :
BNA_F
ClientSampleId :
BW-209-3.0

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.2	22.8
179	13.9	12.3	18.5

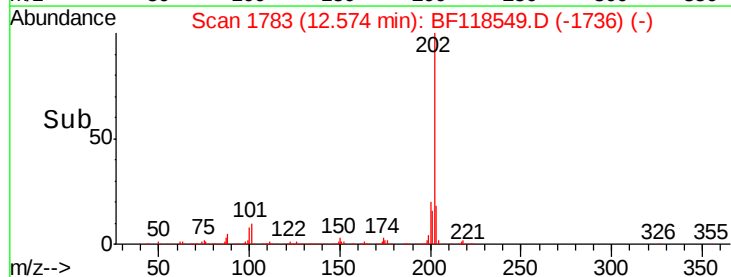
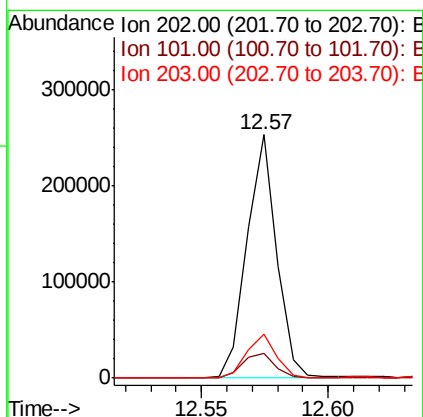
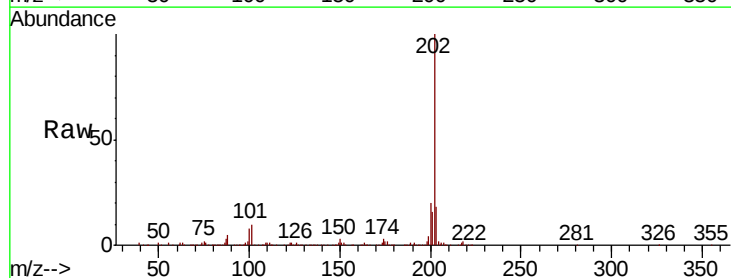
Manual Integrations
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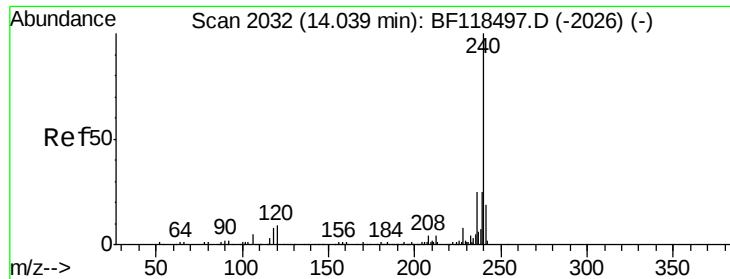
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#75
Fluoranthene
Concen: 10.572 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.2	0.0	38.1





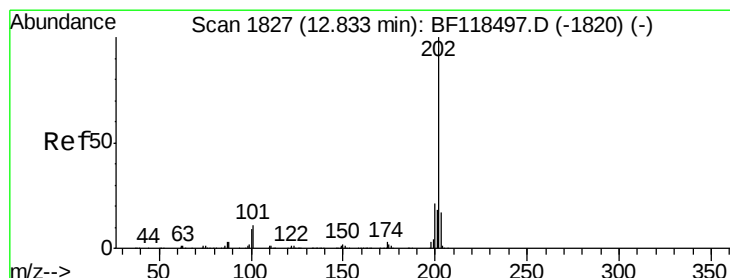
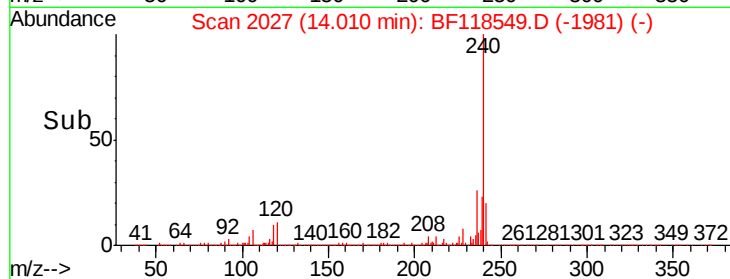
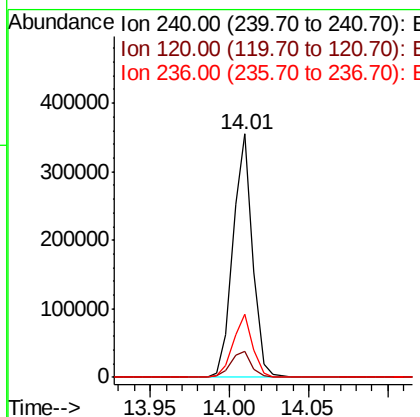
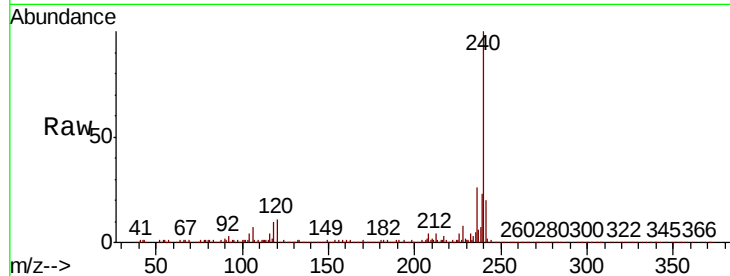
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Instrument :
BNA_F
ClientSampleId :
BW-209-3.0

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.0	10.6#
236	26.2	20.1	30.1

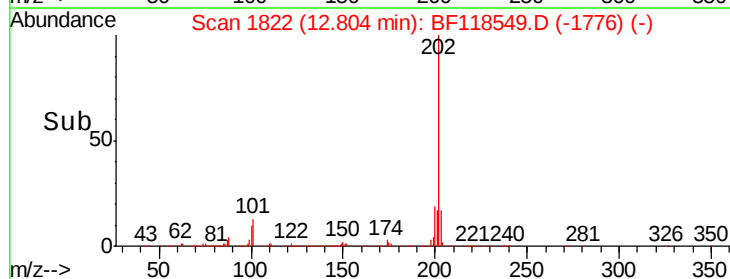
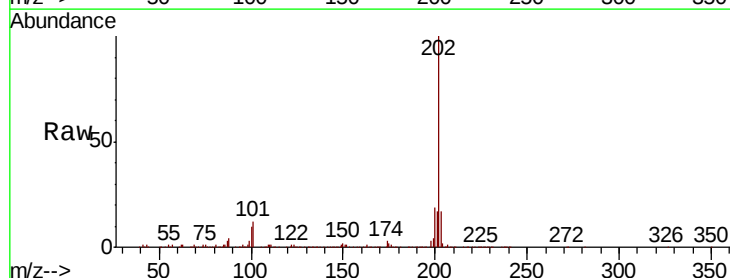
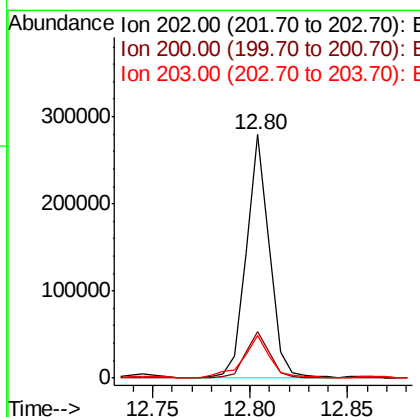
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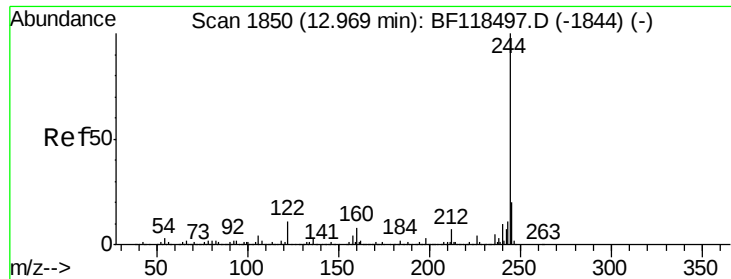
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#78
Pyrene
Concen: 9.168 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.9	25.3
203	17.4	13.9	20.9





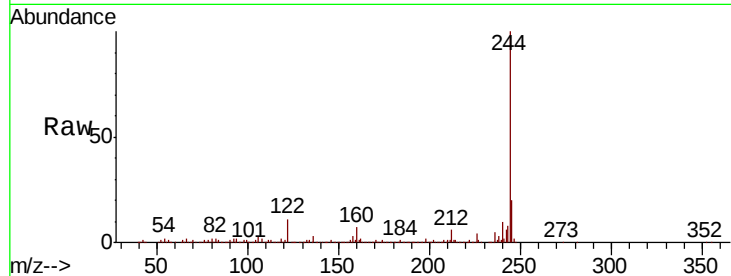
#79
 Terphenyl-d14
 Concen: 24.207 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.03 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-209-3.0

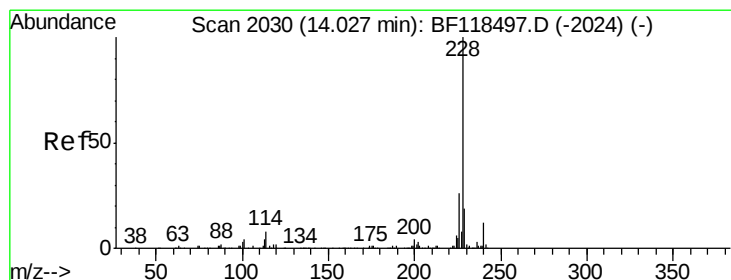
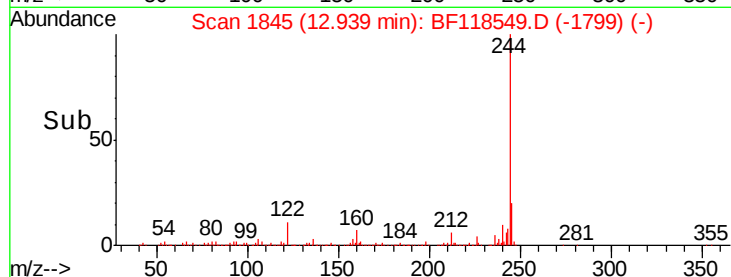
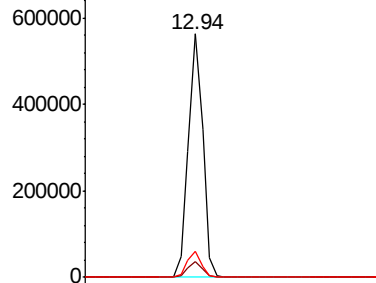
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	10.7	9.0	13.6

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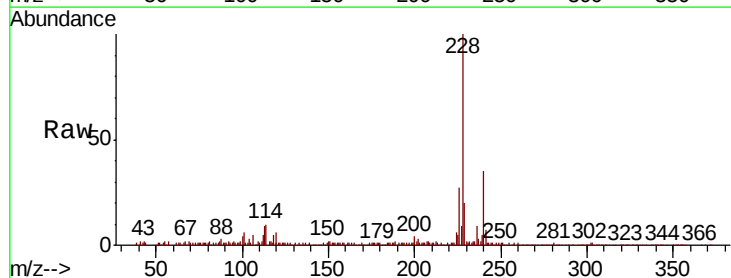


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

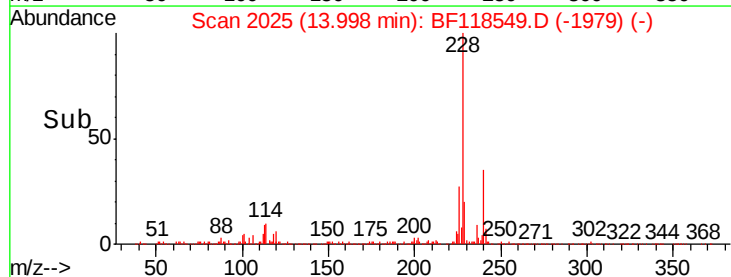
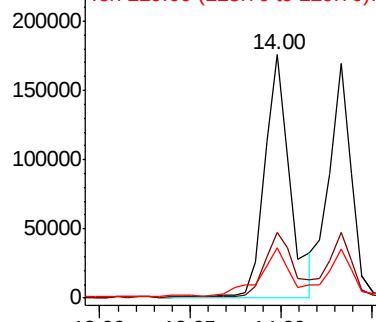


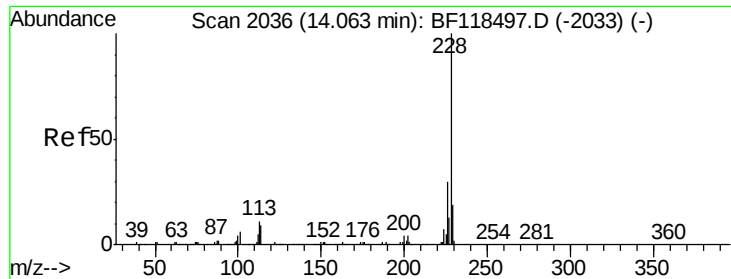
#81
 Benzo(a)anthracene
 Concen: 8.026 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.7	31.1
229	20.4	15.4	23.2



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





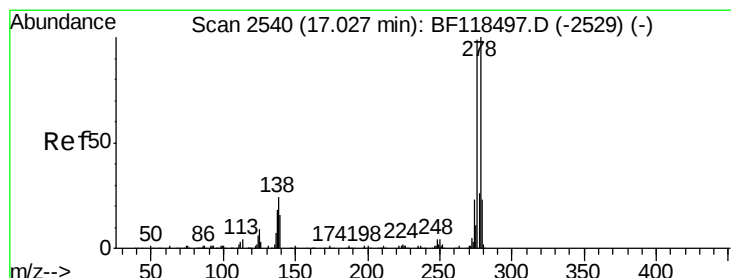
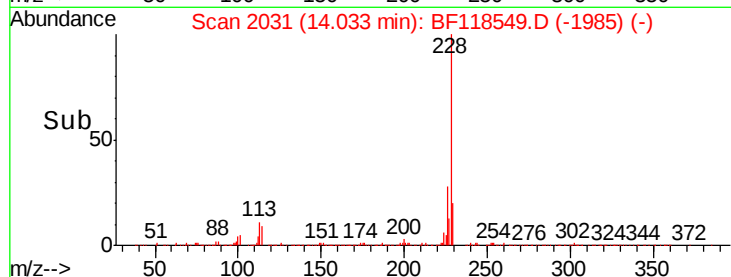
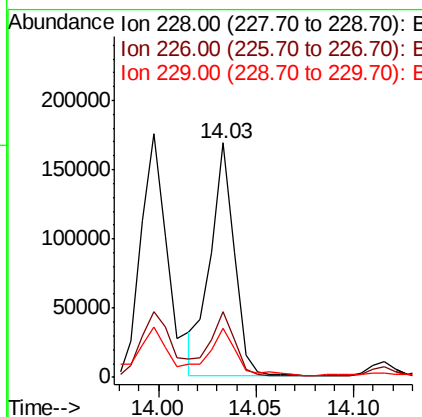
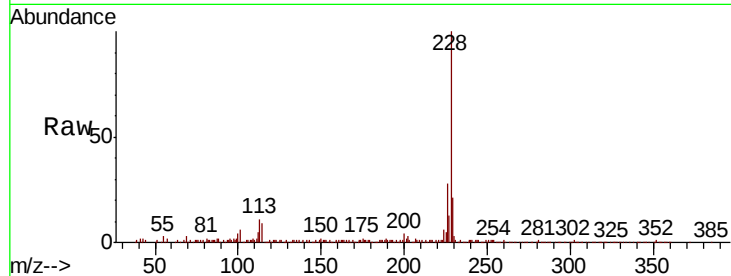
#83
Chrysene
Concen: 7.047 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.03 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Instrument :
BNA_F
ClientSampleId :
BW-209-3.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.6	35.4
229	20.9	15.6	23.4

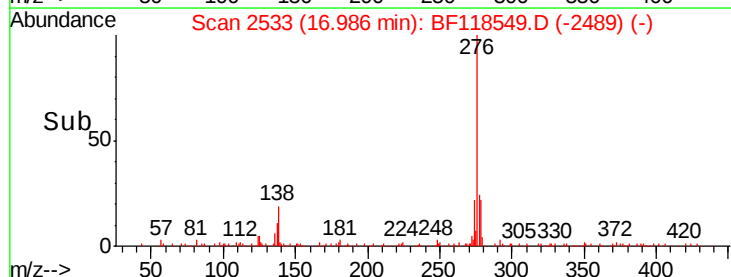
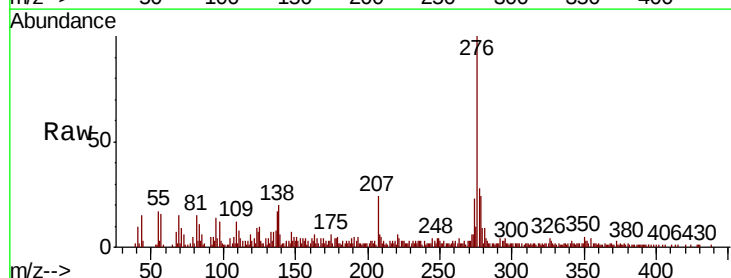
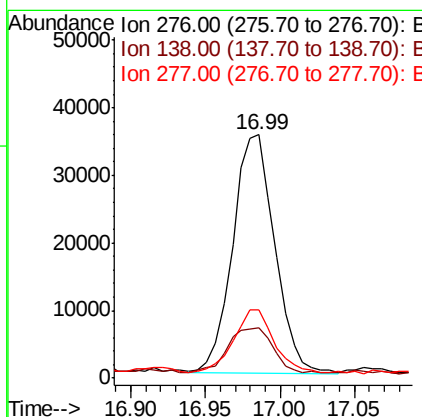
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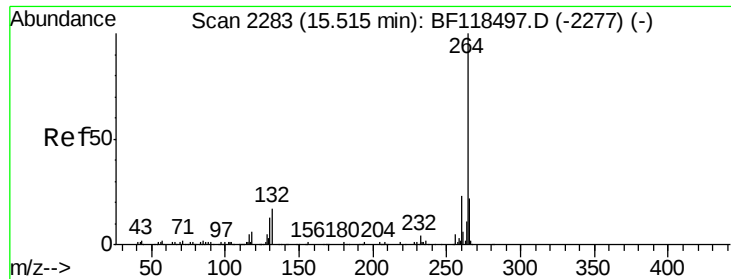
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.162 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.0	28.4
277	25.0	20.5	30.7





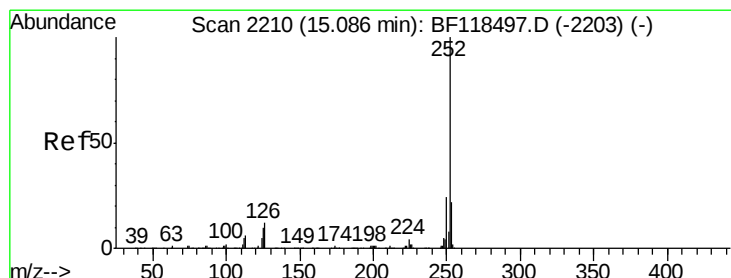
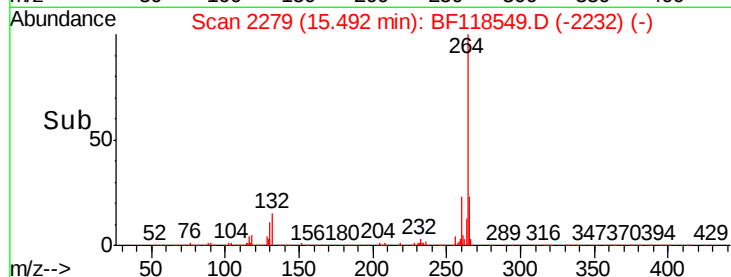
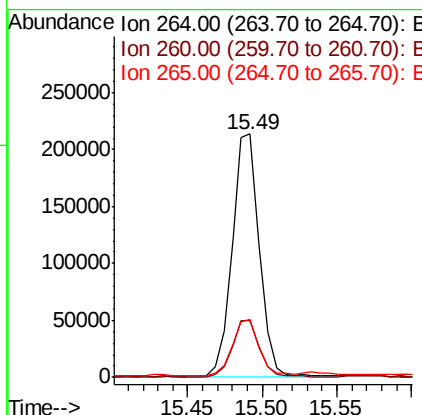
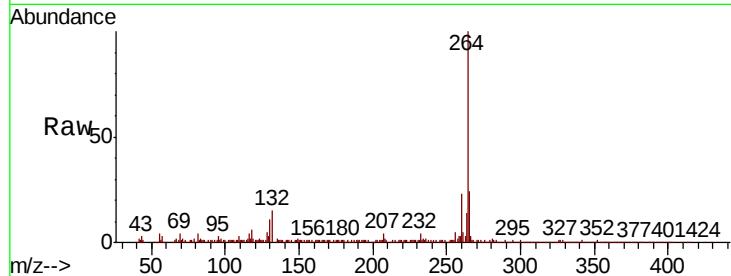
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Instrument :
BNA_F
ClientSampled :
BW-209-3.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	23.6	17.5	26.3

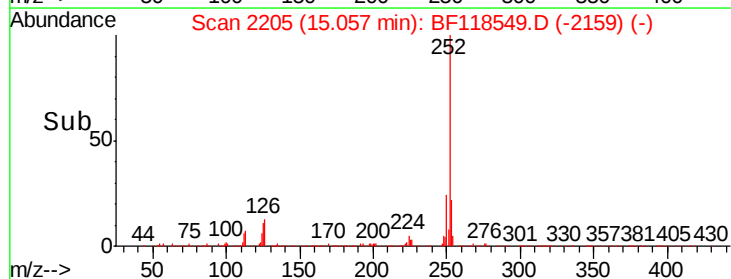
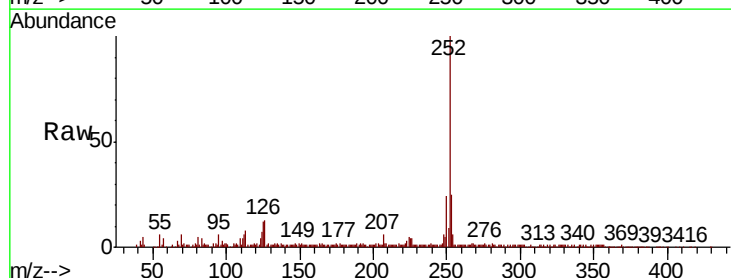
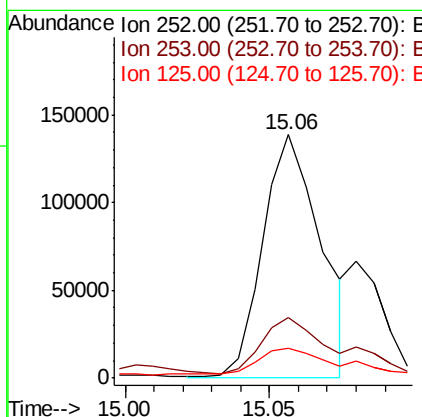
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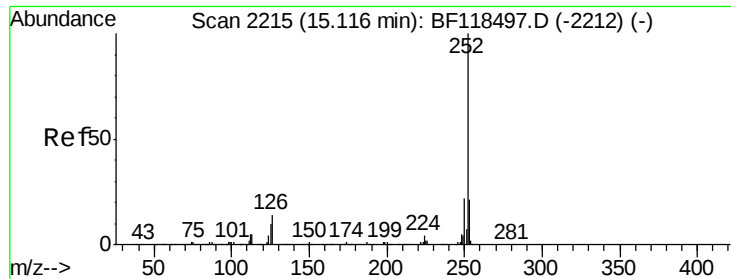
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#88
Benzo(b)fluoranthene
Concen: 9.932 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118549.D
Acq: 13 Jan 2020 23:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	12.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 3.074 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.04 min

Lab File: BF118549.D

Acq: 13 Jan 2020 23:54

Instrument :

BNA_F

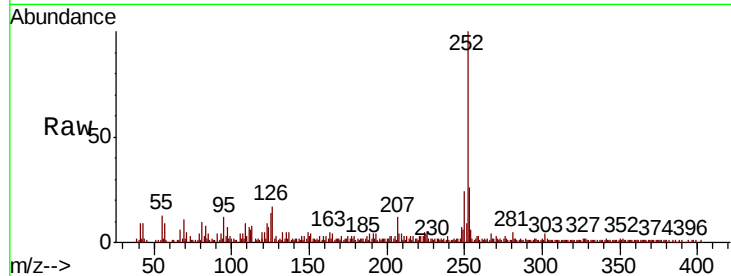
ClientSampleId :

BW-209-3.0

Tot Ion:	252	Resp:	57349
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.0	25.4#
125	14.4	7.8	11.6#

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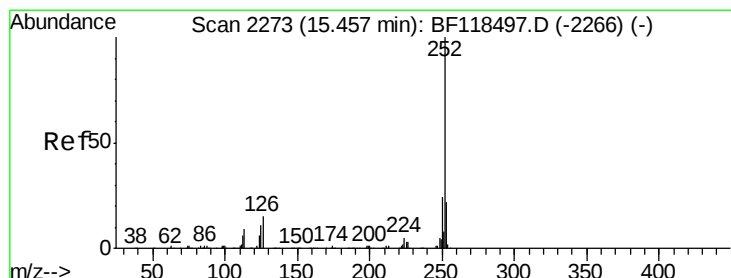
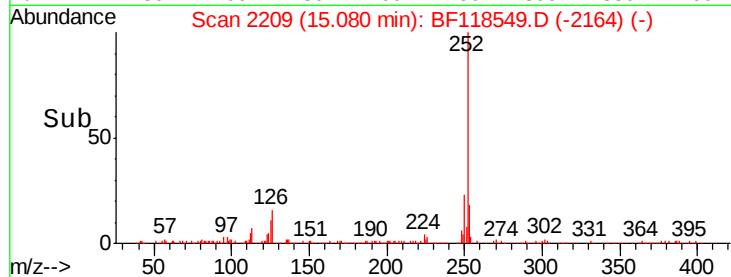
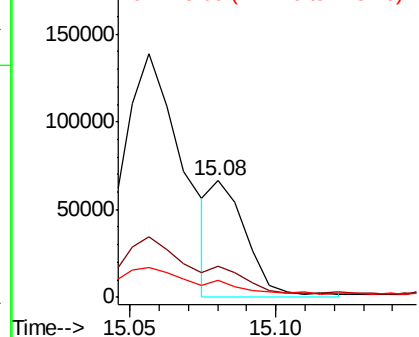


Abundance

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



#90

Benzo(a)pyrene

Concen: 7.259 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF118549.D

Acq: 13 Jan 2020 23:54

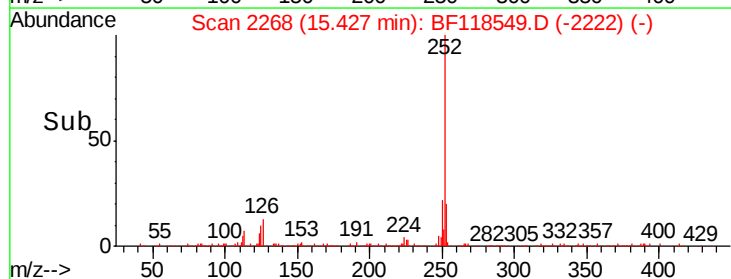
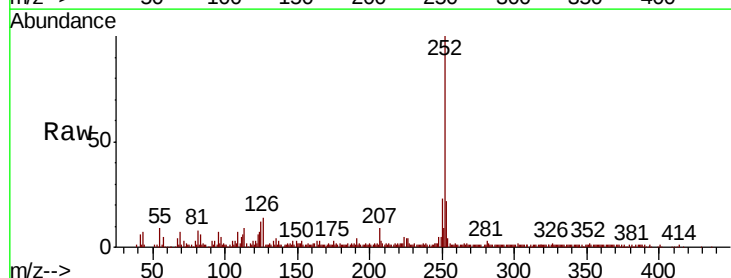
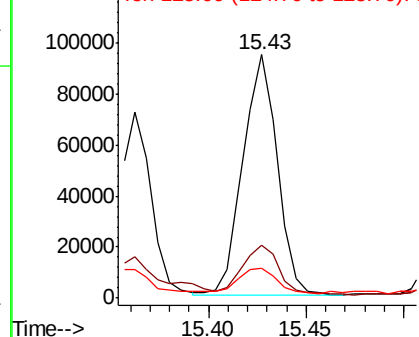
Tgt Ion:	252	Resp:	116261
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	12.1	9.0	13.6

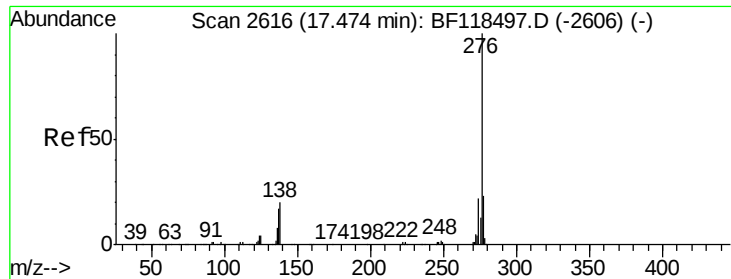
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 4.144 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.04 min
 Lab File: BF118549.D
 Acq: 13 Jan 2020 23:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-209-3.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.2	27.4
138	24.0	16.3	24.5

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