

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118816.D
 Acq On : 4 Feb 2020 22:07
 Operator : CG/JU
 Sample : L1383-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Manual Integrations
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mohammad
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Quant Time: Feb 05 07:09:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	274536	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1020733	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	535836	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	896389	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	564598	20.00	ng	-0.02
87) Perylene-d12	15.40	264	683787	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1554458	107.18	ng	0.00
7) Phenol-d6	6.45	99	1892060	105.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	1229996	71.82	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	624851	97.46	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2325846	77.60	ng	-0.01
79) Terphenyl-d14	12.91	244	2183571	79.44	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	130233	3.569	ng	98
71) Phenanthrene	11.35	178	254360	5.767	ng	97
75) Fluoranthene	12.53	202	309783	6.433	ng	98
78) Pyrene	12.76	202	289626	7.478	ng	98
81) Benzo(a)anthracene	13.95	228	132533	3.945	ng	98
83) Chrysene	13.99	228	126648m	3.756	ng	
86) Indeno(1,2,3-cd)pyrene	16.83	276	81879	2.417	ng	94
88) Benzo(b)fluoranthene	14.99	252	155109m	3.656	ng	
90) Benzo(a)pyrene	15.34	252	119605	3.294	ng	# 94
92) Benzo(g,h,i)perylene	17.26	276	80086	2.583	ng	93

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

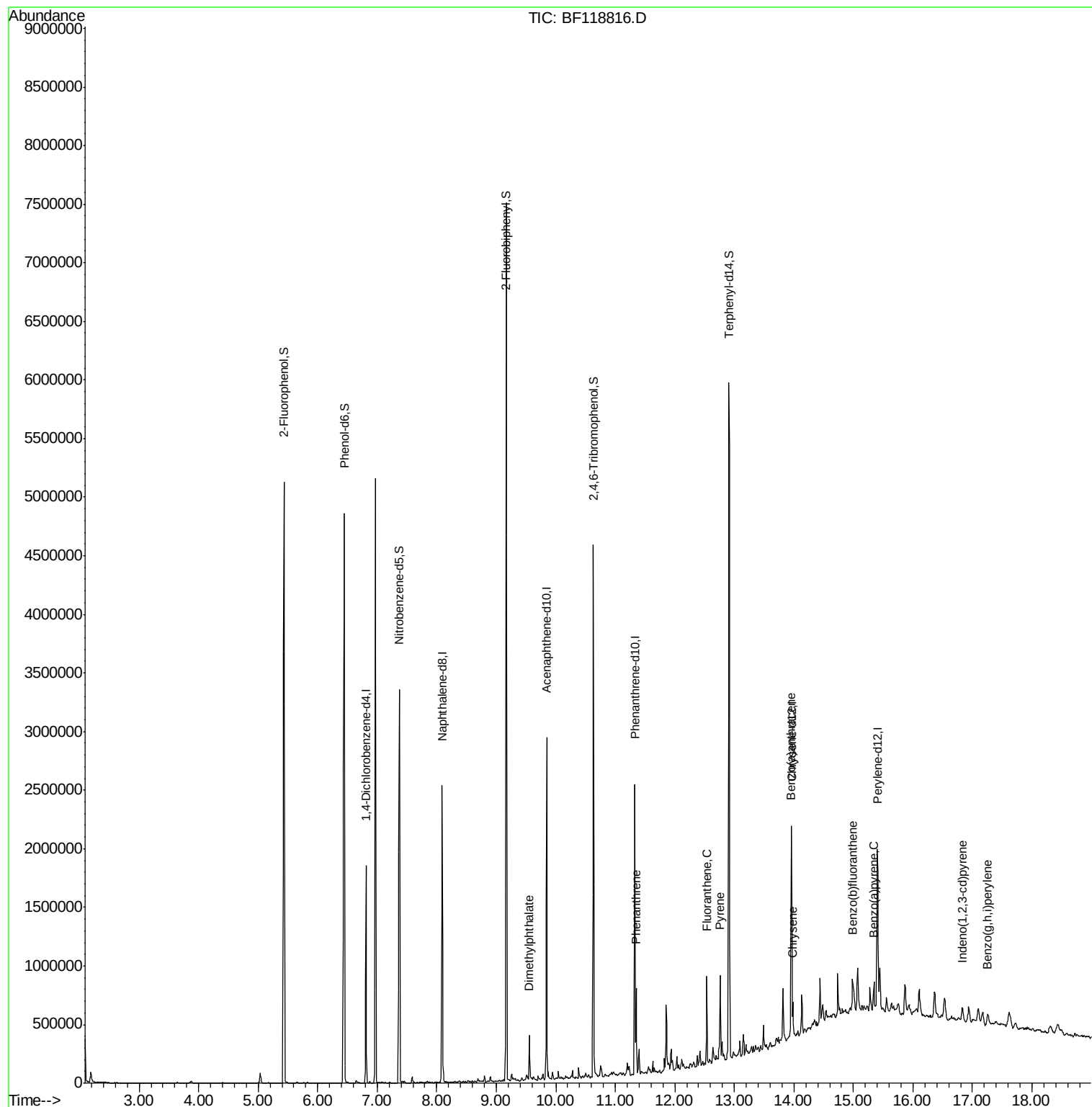
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118816.D
Acq On : 4 Feb 2020 22:07
Operator : CG/JU
Sample : L1383-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

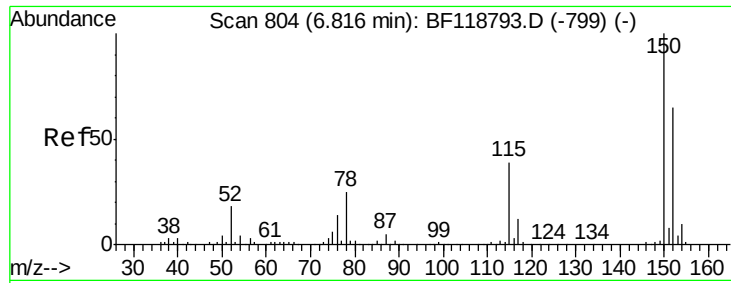
Instrument :
BNA_F
ClientSampleId :
TP-B

Manual Integrations
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Quant Time: Feb 05 07:09:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





#1

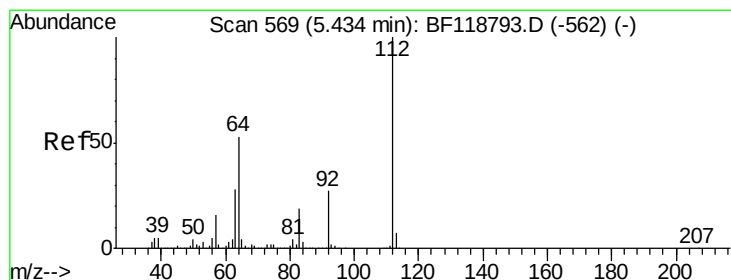
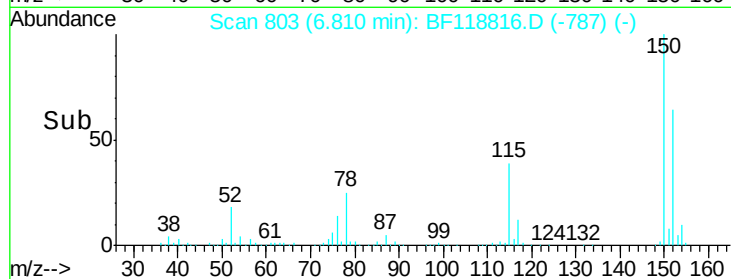
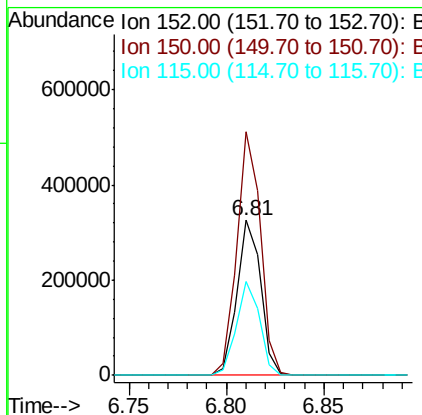
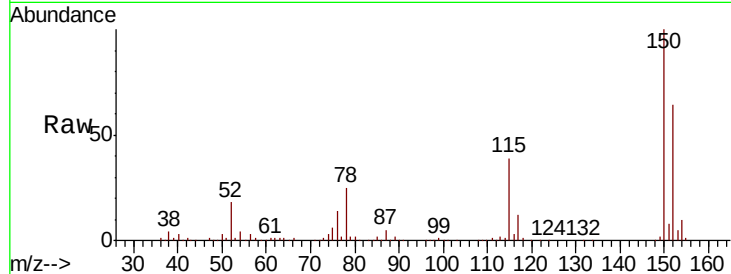
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampled :
TP-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.6	185.4
115	60.6	48.2	72.2

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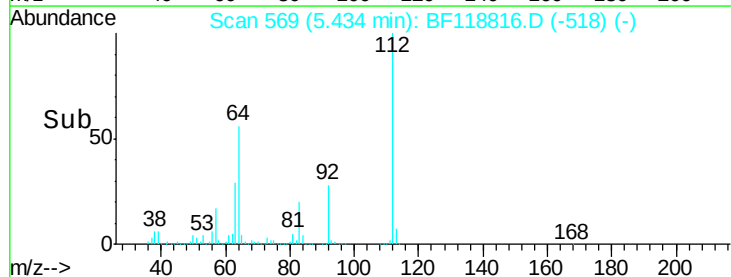
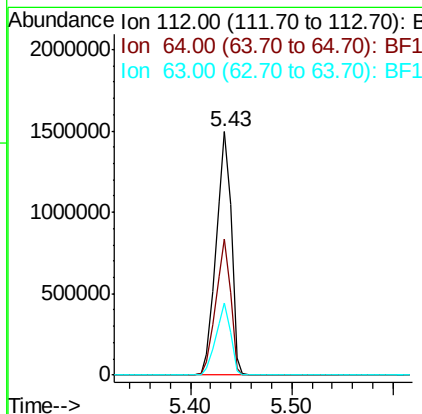
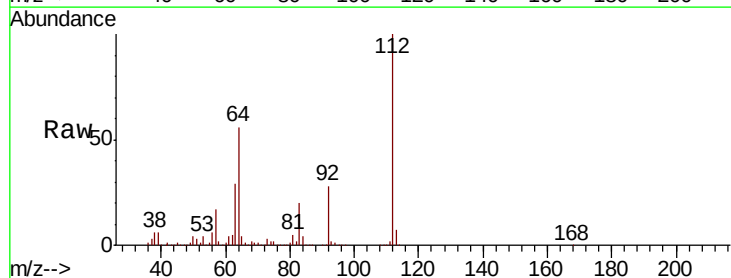
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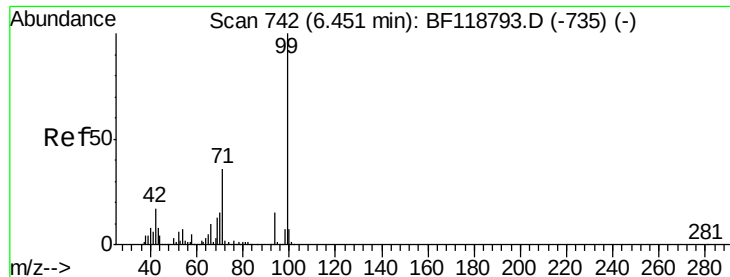


#5

2-Fluorophenol
Concen: 107.180 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.6	63.8
63	29.4	22.2	33.4





#7

Phenol-d6

Concen: 105.093 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118816.D

Acq: 4 Feb 2020 22:07

Instrument :

BNA_F

ClientSampleId :

TP-B

Tot Ion: 99 Resp: 1892060

Ion Ratio Lower Upper

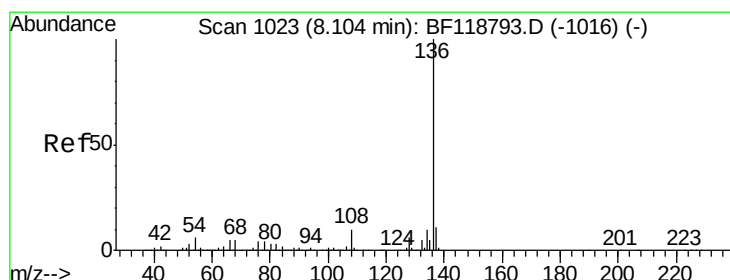
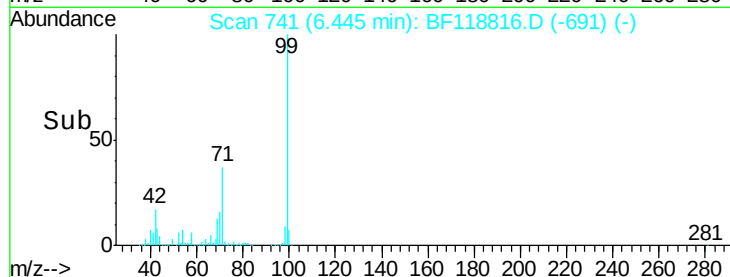
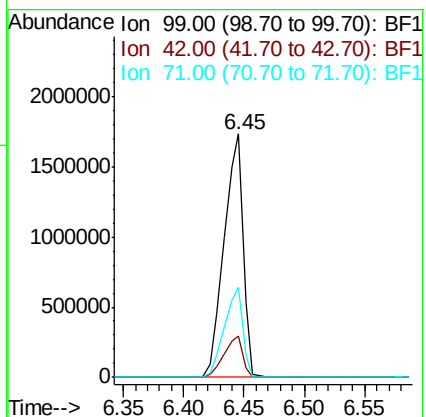
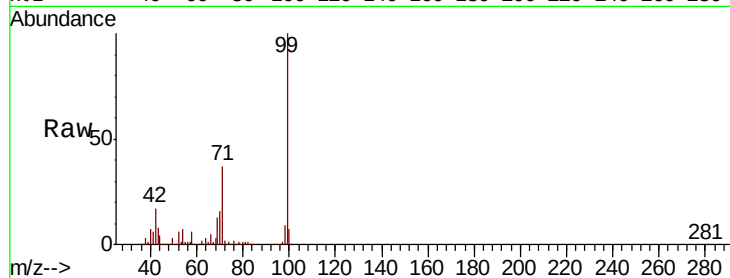
99 100

42 16.8 13.4 20.0

71 36.8 29.0 43.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118816.D

Acq: 4 Feb 2020 22:07

Tgt Ion: 136 Resp: 1020733

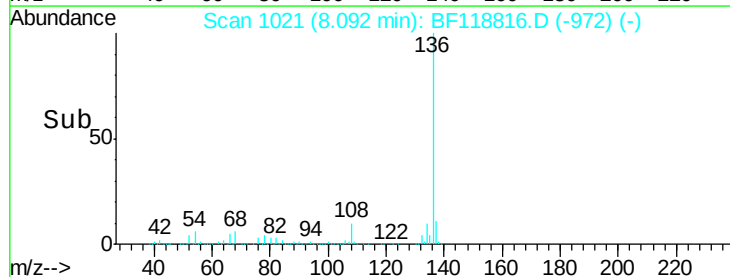
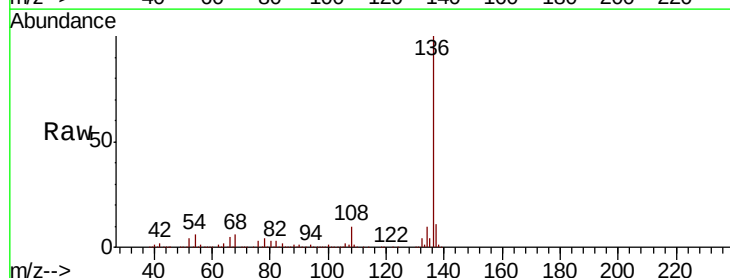
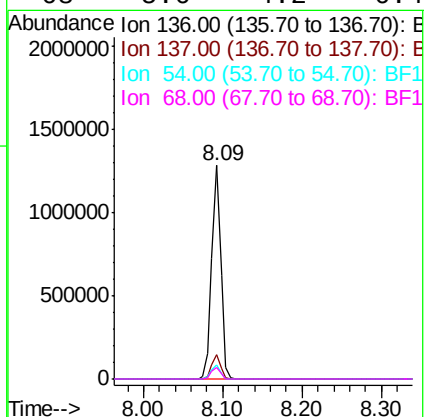
Ion Ratio Lower Upper

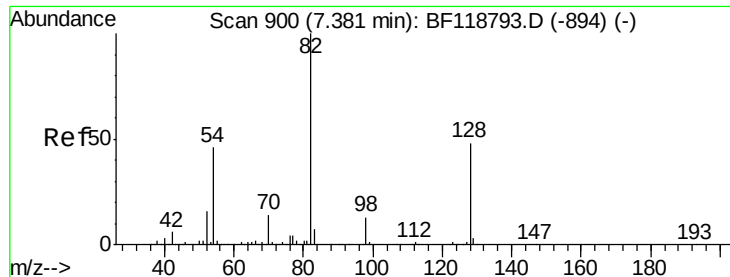
136 100

137 11.4 8.7 13.1

54 6.4 5.0 7.6

68 5.6 4.2 6.4





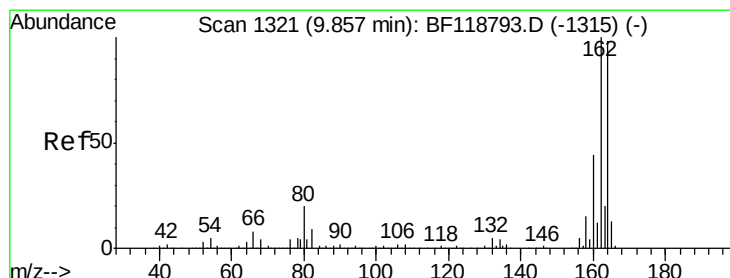
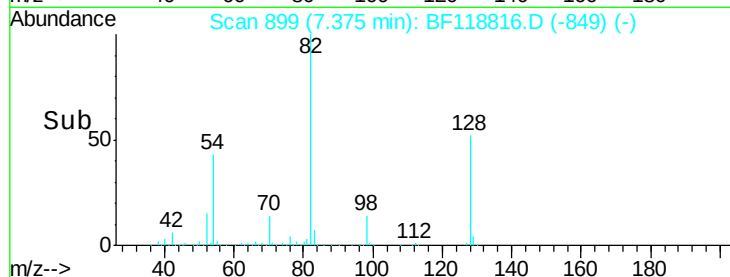
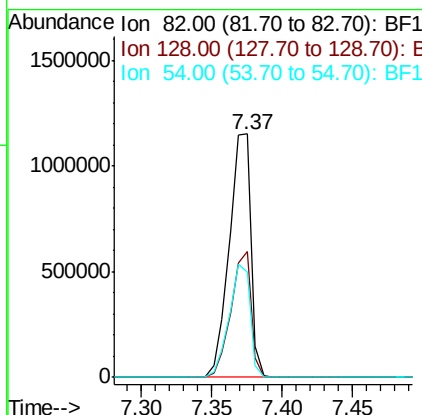
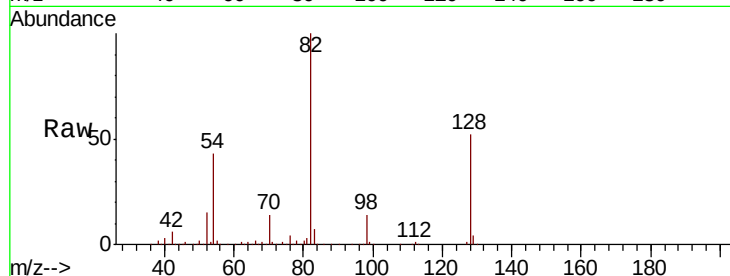
#23
 Nitrobenzene-d5
 Concen: 71.825 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118816.D
 Acq: 4 Feb 2020 22:07

Instrument :
 BNA_F
 ClientSampled :
 TP-B

Tot Ion	82	Resp	1229996
Ion Ratio	100	Lower	Upper
128	51.6	38.5	57.7
54	43.3	36.7	55.1

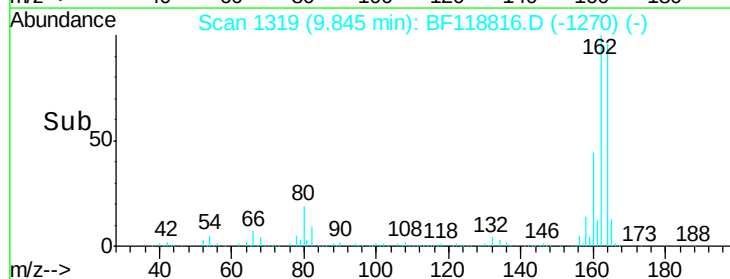
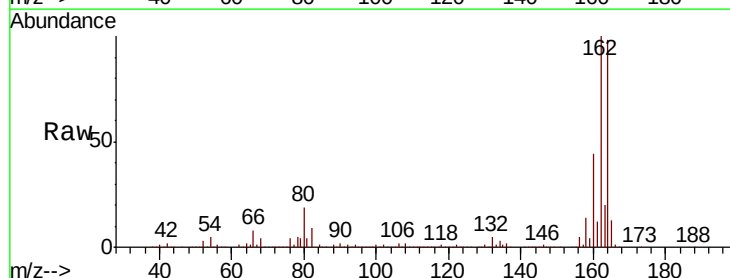
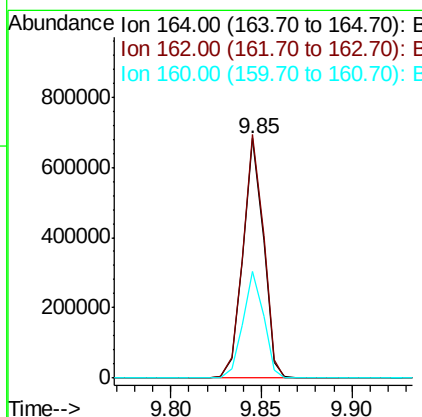
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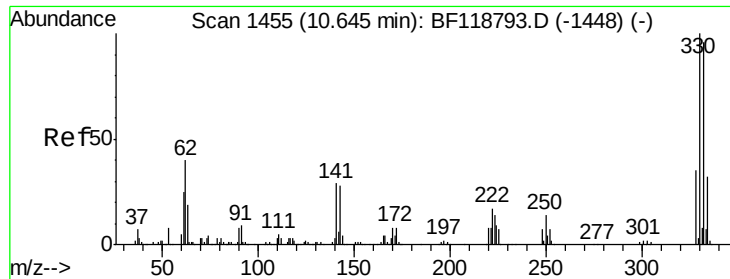
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118816.D
 Acq: 4 Feb 2020 22:07

Tgt Ion	164	Resp	535836
Ion Ratio	100	Lower	Upper
162	101.6	81.4	122.2
160	44.7	35.6	53.4





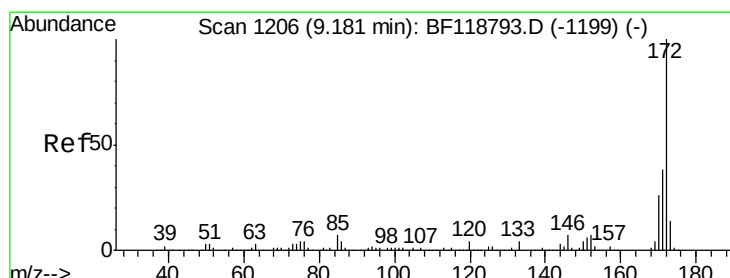
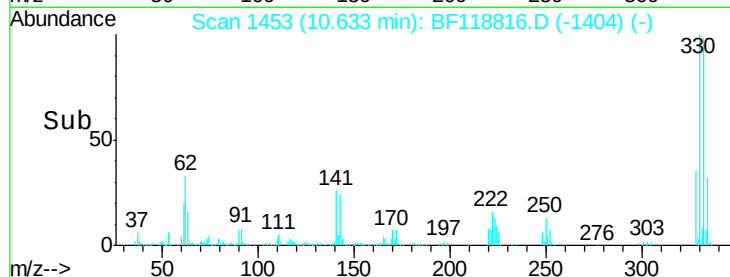
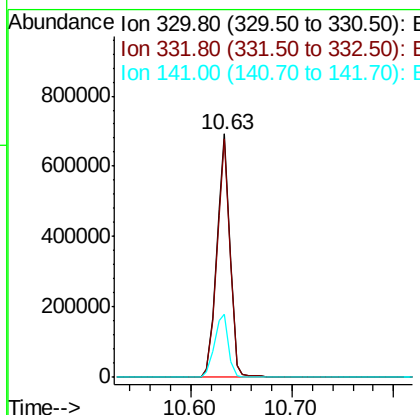
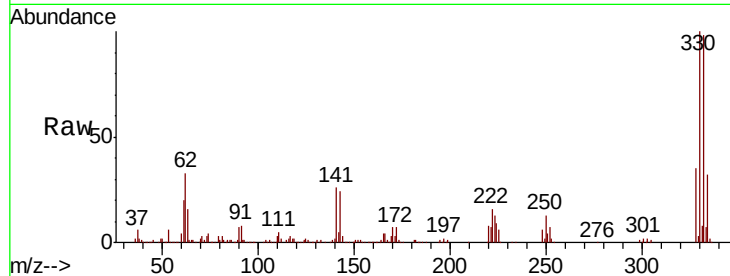
#42
 2,4,6-Tribromophenol
 Concen: 97.459 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118816.D
 Acq: 4 Feb 2020 22:07

Instrument :
 BNA_F
 ClientSampled :
 TP-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	624851		
332	97.1		77.3	115.9
141	28.2		22.4	33.6

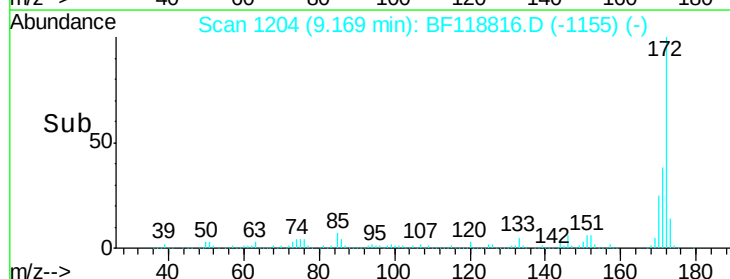
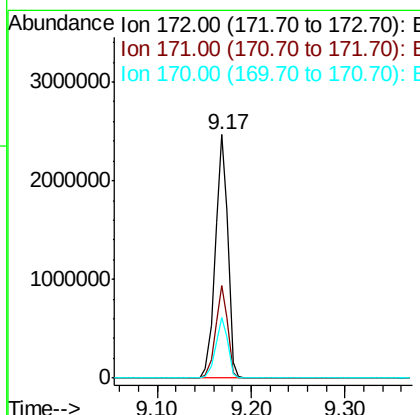
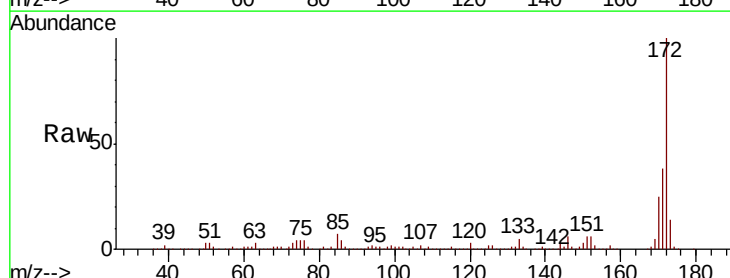
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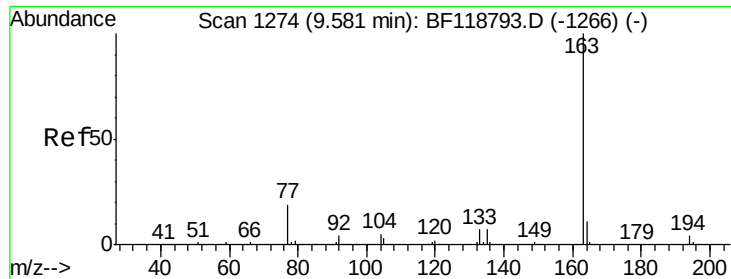
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#45
 2-Fluorobiphenyl
 Concen: 77.597 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118816.D
 Acq: 4 Feb 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2325846		
171	37.9		30.8	46.2
170	25.1		20.5	30.7





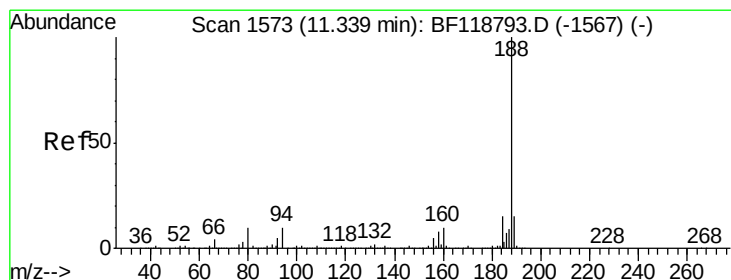
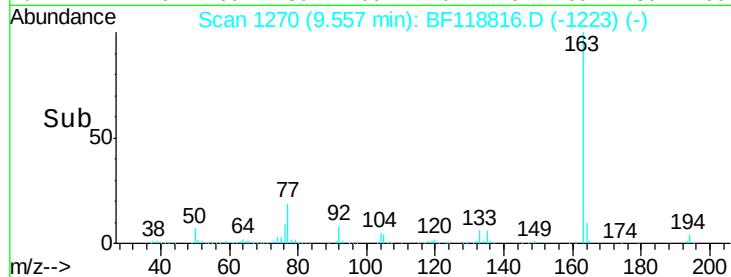
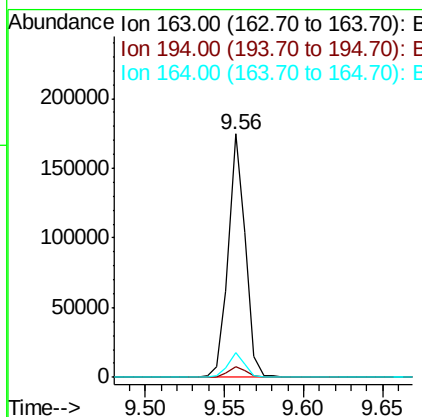
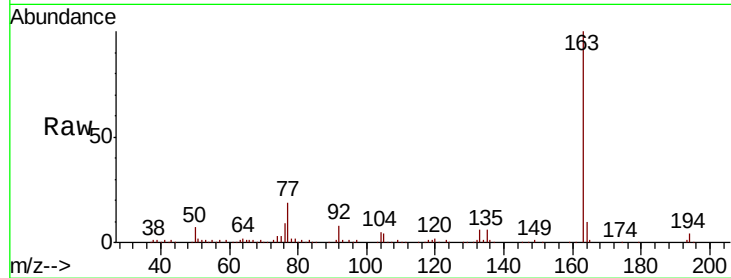
#50
Dimethylphthalate
Concen: 3.569 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		130233		
194	4.5		3.6	5.4	
164	9.9		8.7	13.1	

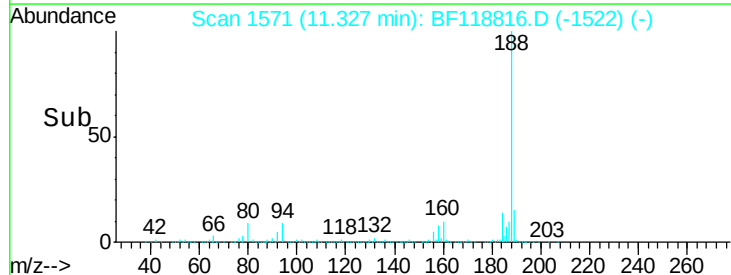
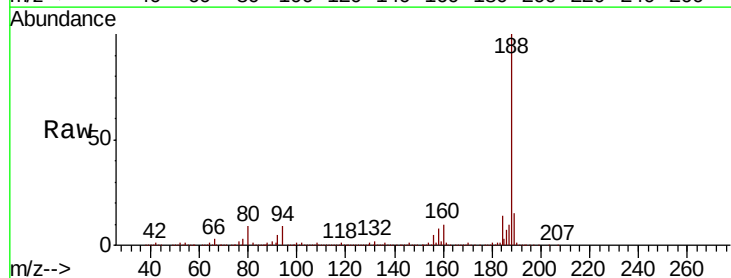
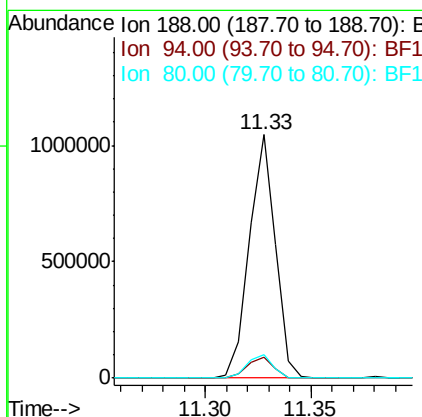
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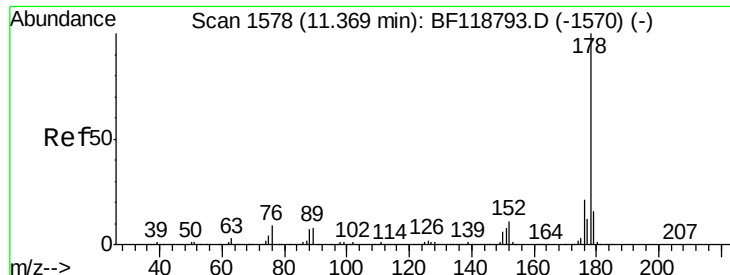
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		896389		
94	8.7		7.9	11.9	
80	9.5		8.4	12.6	





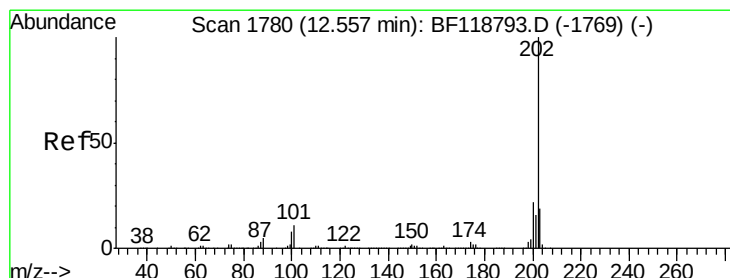
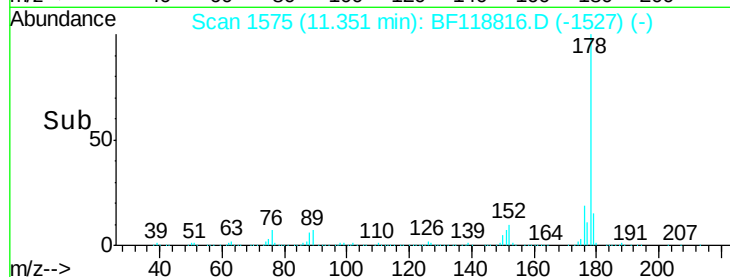
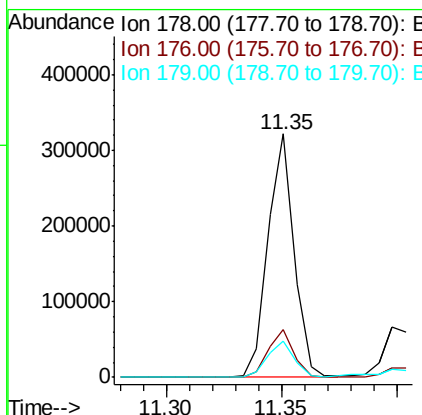
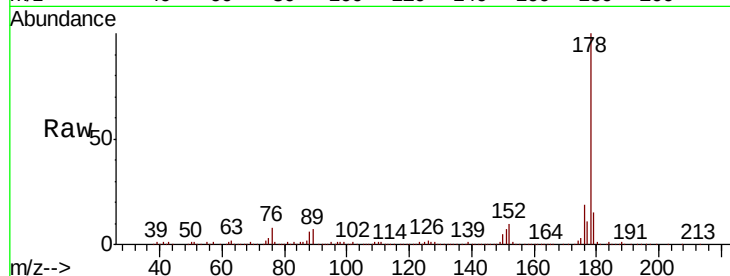
#71
Phenanthrene
Concen: 5.767 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	24.8
179	15.1	13.2	19.8

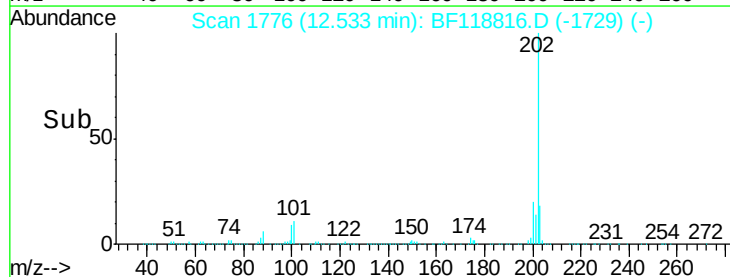
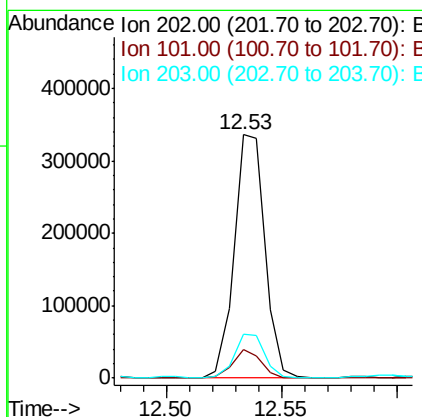
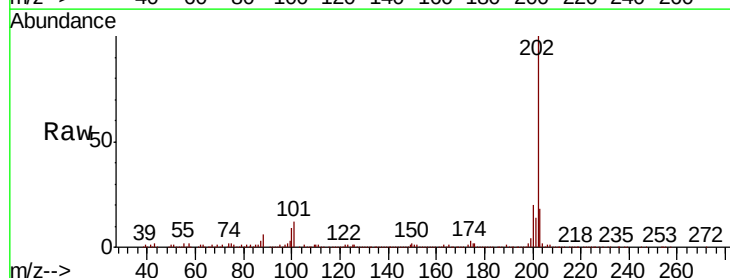
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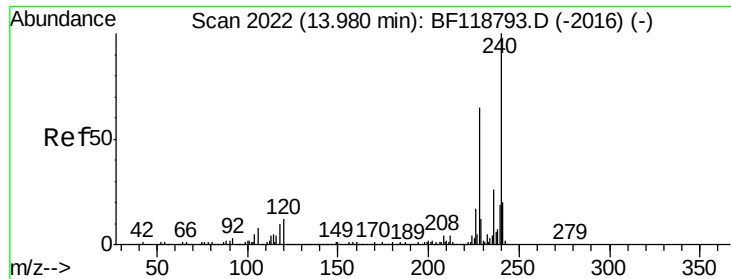
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#75
Fluoranthene
Concen: 6.433 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	17.9	0.0	38.7





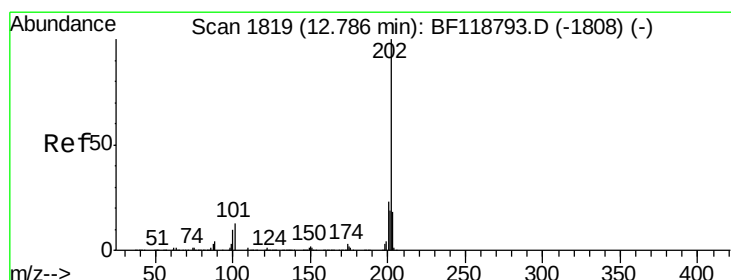
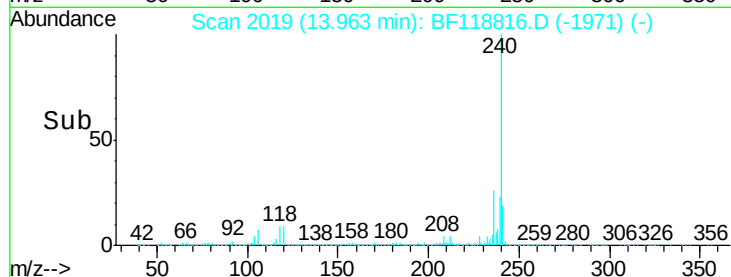
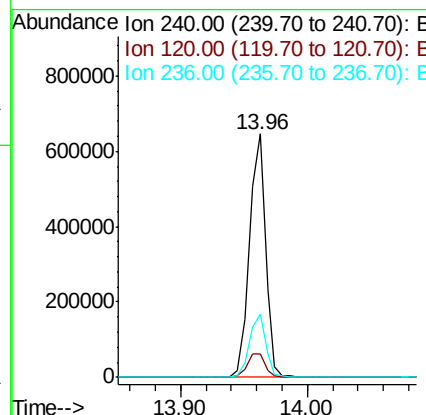
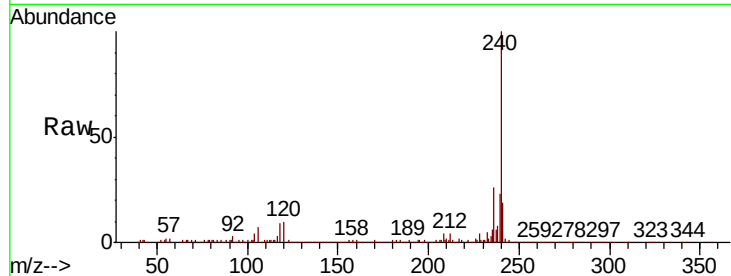
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.4	14.0
236	25.9	21.0	31.6

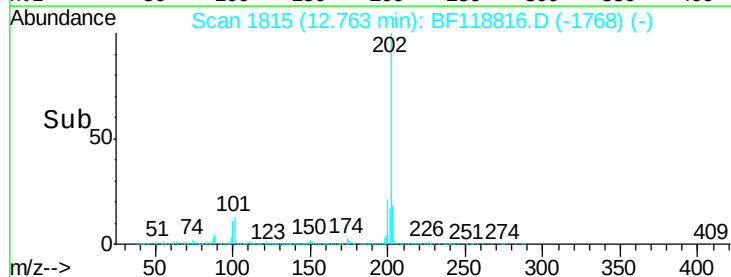
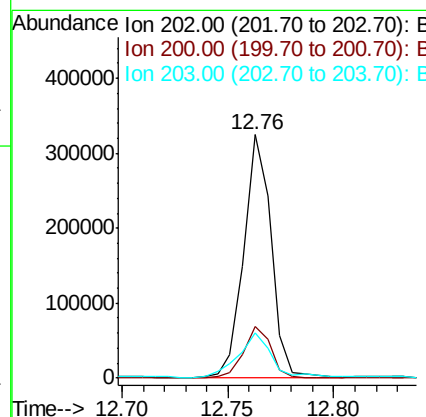
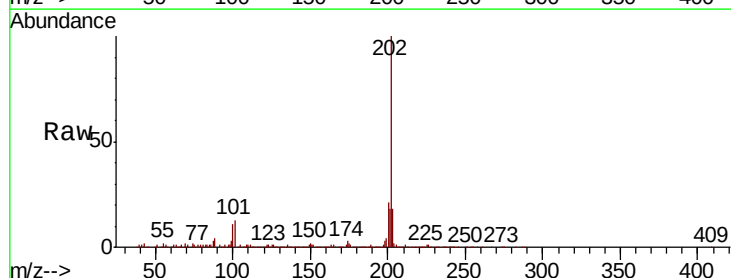
Manual Integrations
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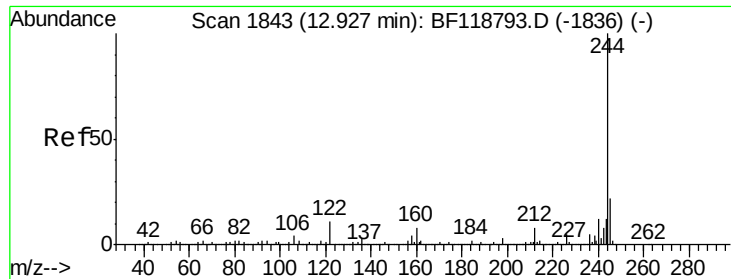
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#78
Pyrene
Concen: 7.478 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.2
203	18.3	14.8	22.2





#79

Terphenyl-d14

Concen: 79.440 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.02 min

Lab File: BF118816.D

Acq: 4 Feb 2020 22:07

Instrument :

BNA_F

ClientSampled :

TP-B

Tot Ion:244 Resp: 2183571

Ion Ratio Lower Upper

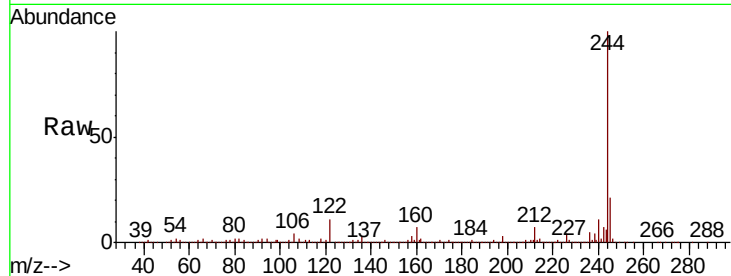
244 100

212 7.3 6.5 9.7

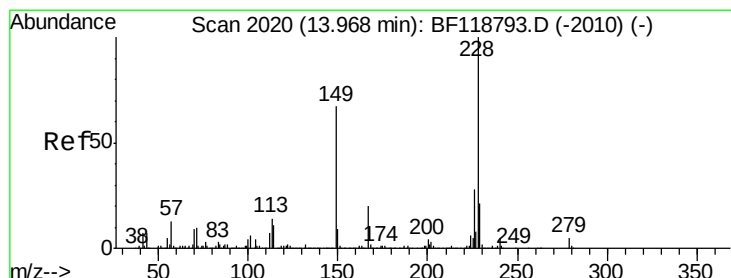
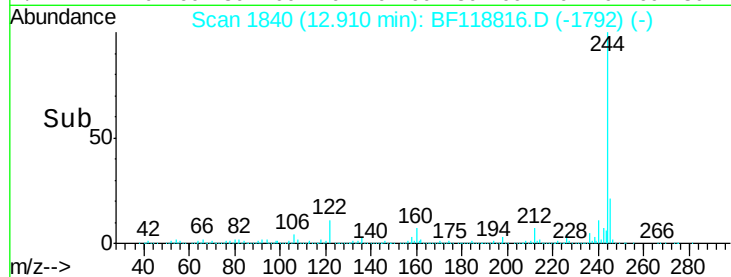
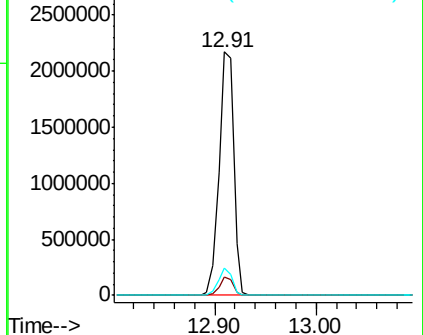
122 11.2 8.9 13.3

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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: 3.945 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF118816.D

Acq: 4 Feb 2020 22:07

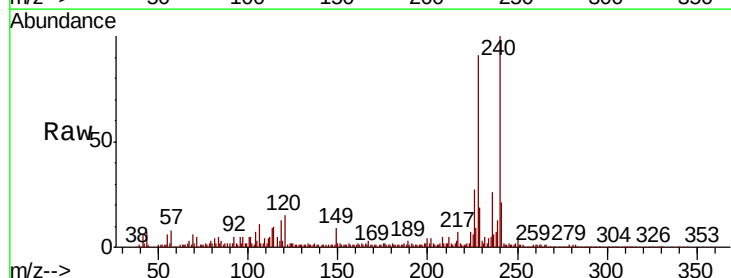
Tgt Ion:228 Resp: 132533

Ion Ratio Lower Upper

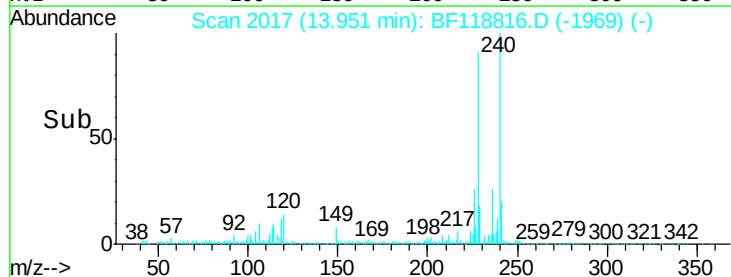
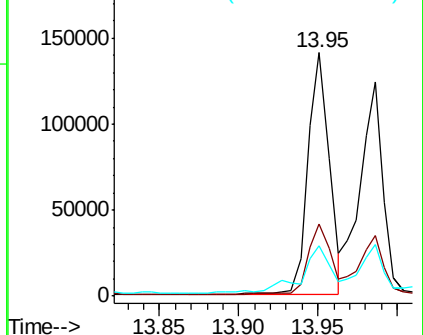
228 100

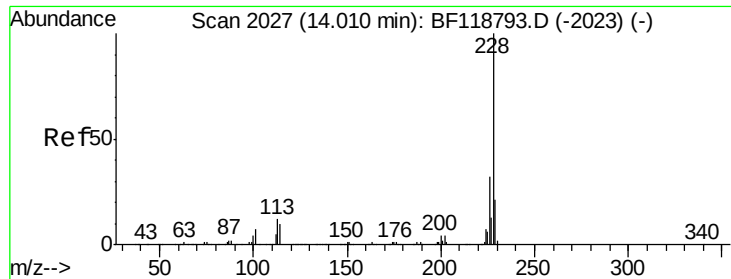
226 29.7 22.7 34.1

229 20.6 16.6 25.0



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





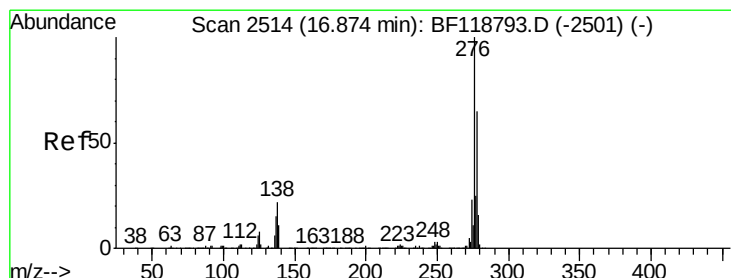
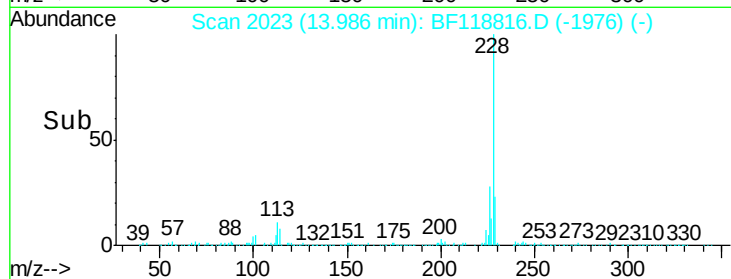
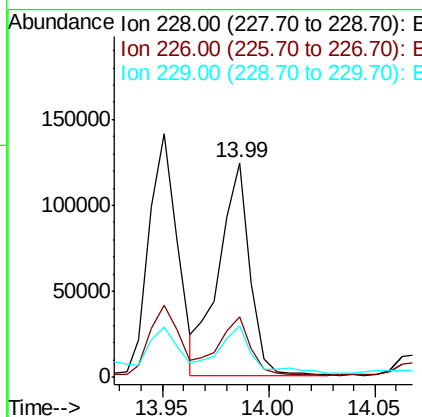
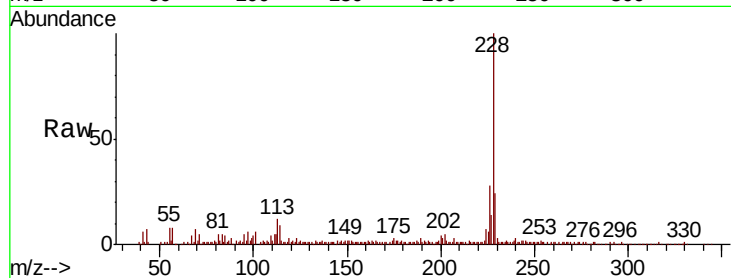
#83
Chrysene
Concen: 3.756 ng/ml
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion:	228	Resp:	126648
Ion Ratio	Lower	Upper	
228	100		
226	28.3	25.4	38.0
229	23.9	16.9	25.3

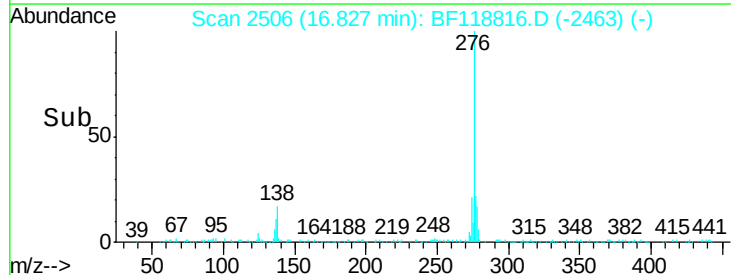
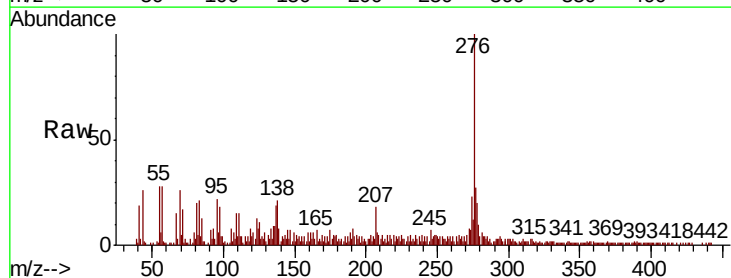
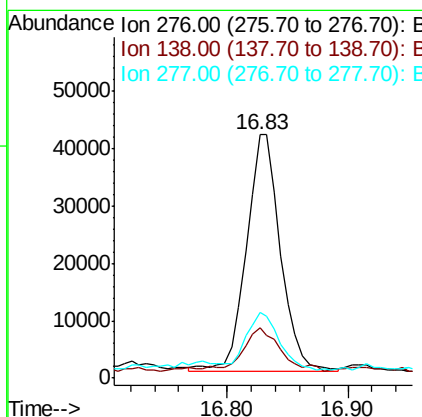
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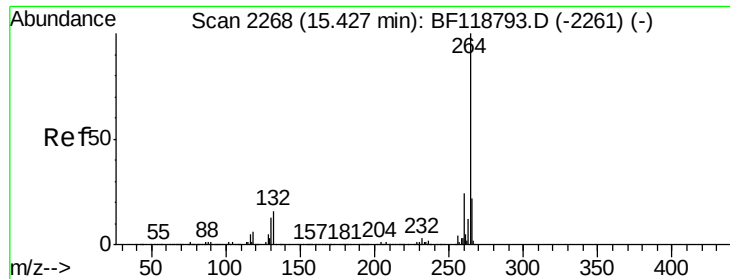
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.417 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.05 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion:	276	Resp:	81879
Ion Ratio	Lower	Upper	
276	100		
138	18.9	18.3	27.5
277	23.5	20.2	30.4





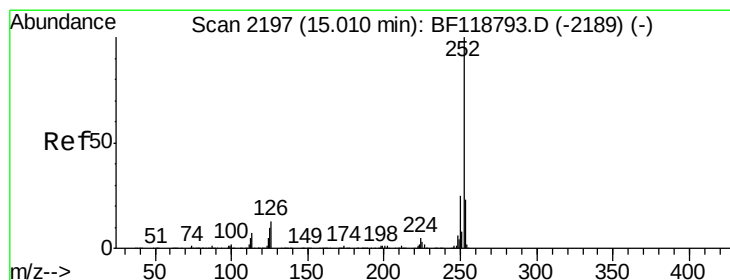
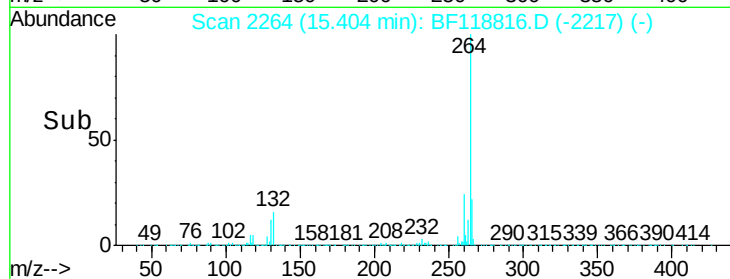
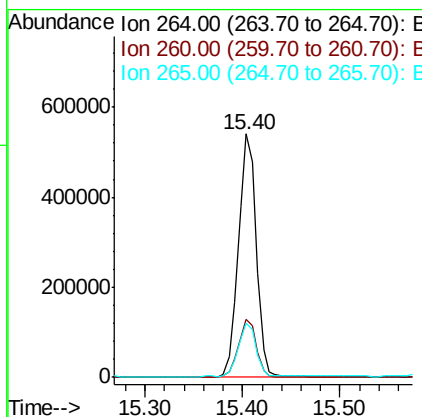
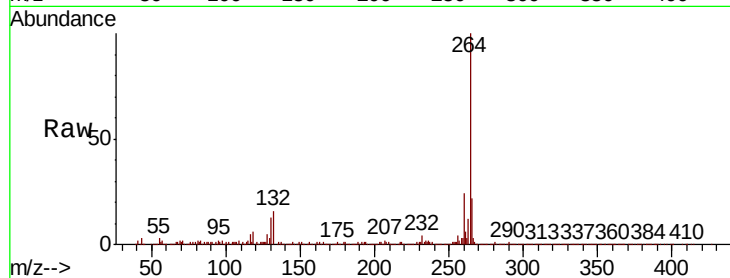
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.4	17.2	25.8

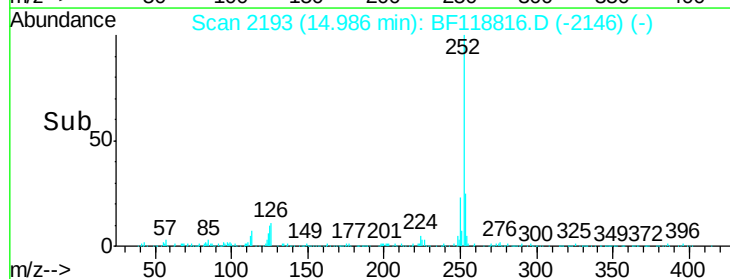
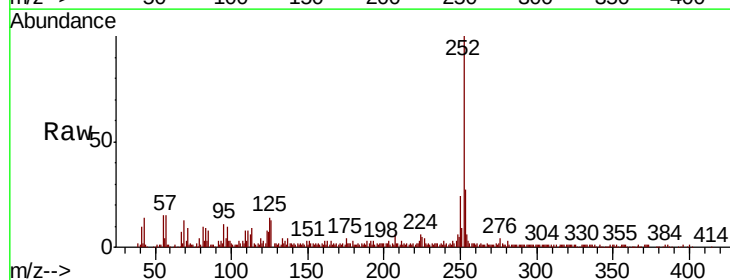
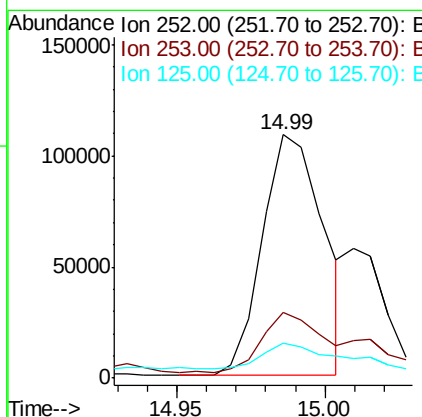
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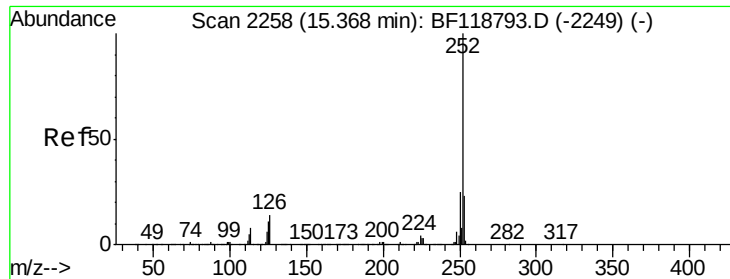
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#88
Benzo(b)fluoranthene
Concen: 3.656 ng m
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.4	27.6
125	14.2	8.1	12.1





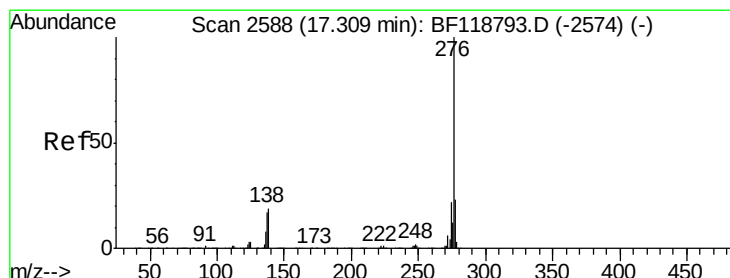
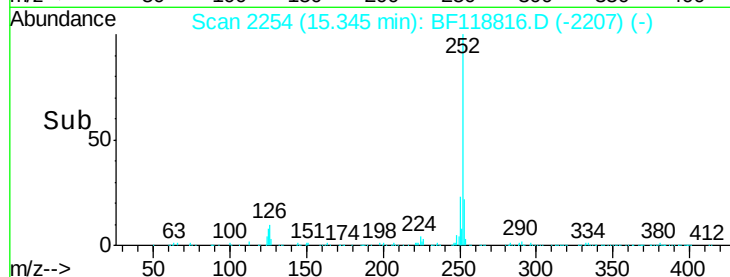
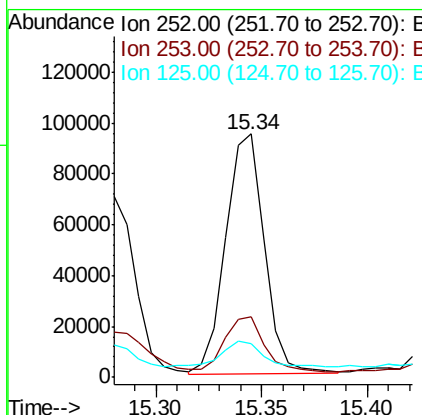
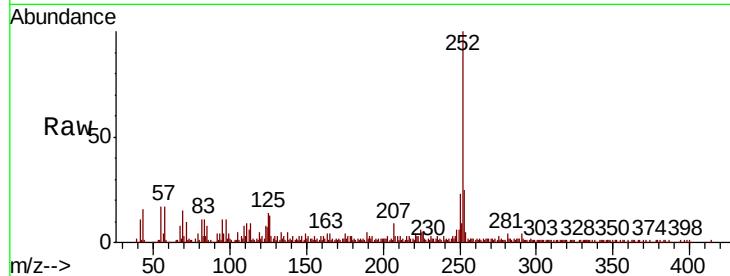
#90
Benzo(a)pyrene
Concen: 3.294 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	18.1	27.1
125	13.7	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.583 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.05 min
Lab File: BF118816.D
Acq: 4 Feb 2020 22:07

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	27.9	18.7	28.1
138	21.6	15.4	23.2

