

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118315.D
 Acq On : 26 Dec 2019 14:36
 Operator : JU
 Sample : K6421-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Dec 27 04:40:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113653	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	450681	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	244648	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	471215	20.00	ng	0.00
76) Chrysene-d12	14.04	240	320467	20.00	ng	-0.01
87) Perylene-d12	15.53	264	327470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	567359	85.21	ng	0.00
7) Phenol-d6	6.48	99	721290	87.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	426318	54.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	246985	81.75	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	903842	56.39	ng	0.00
79) Terphenyl-d14	12.98	244	1173055	60.73	ng	0.00
Target Compounds						
10) Phenol	6.49	94	26619	2.867	ng	Qvalue # 65
50) Dimethylphthalate	9.61	163	48668	2.650	ng	97
71) Phenanthrene	11.41	178	139469	5.429	ng	98
75) Fluoranthene	12.61	202	196871	7.594	ng	99
78) Pyrene	12.84	202	169701	6.485	ng	99
81) Benzo(a)anthracene	14.03	228	87221	3.888	ng	98
83) Chrysene	14.06	228	72607	3.380	ng	97
88) Benzo(b)fluoranthene	15.09	252	81885m	3.767	ng	
90) Benzo(a)pyrene	15.46	252	61577	3.216	ng	97
92) Benzo(g,h,i)perylene	17.47	276	34123	2.126	ng	96

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

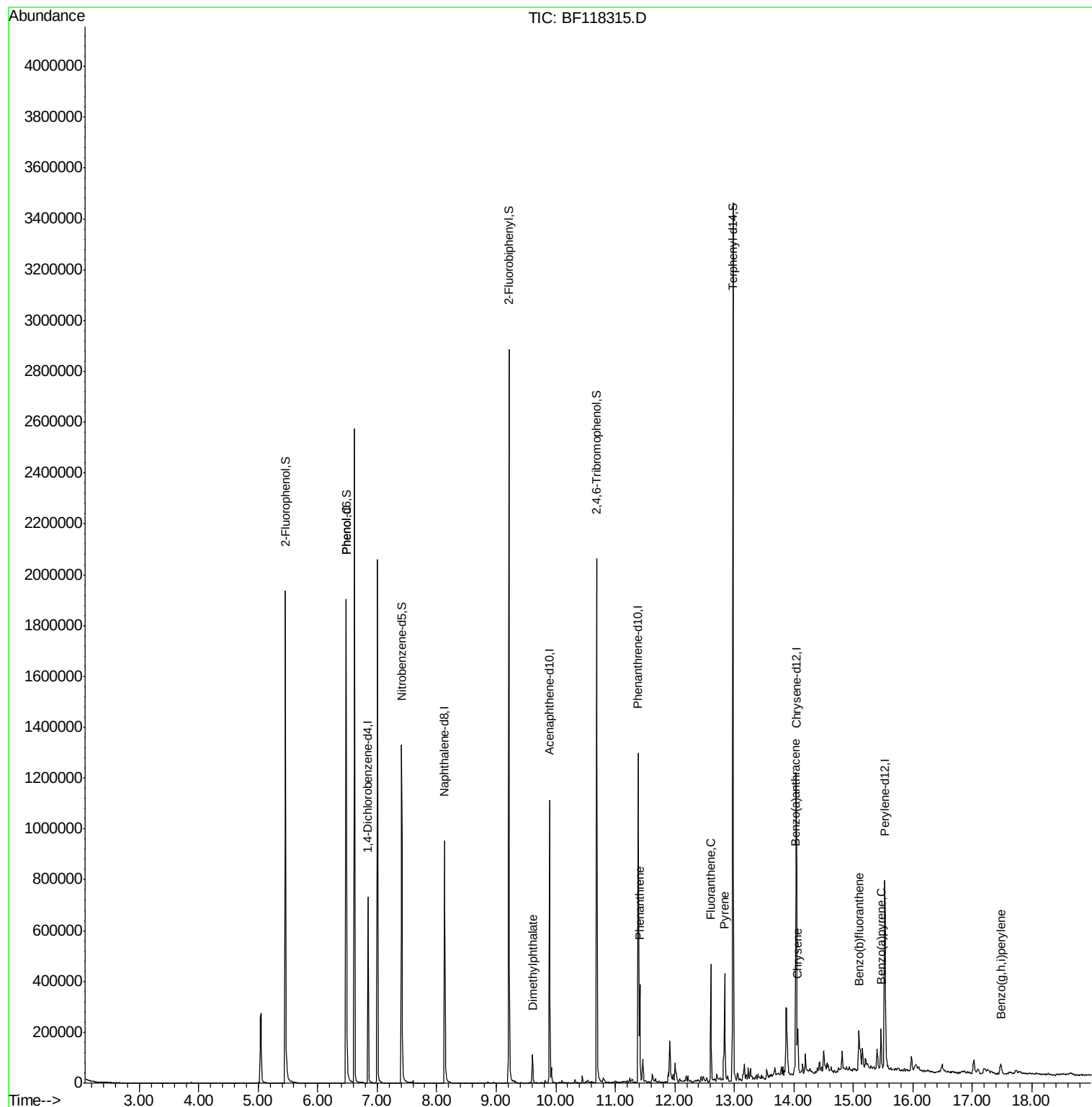
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118315.D
Acq On : 26 Dec 2019 14:36
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Sample : K6421-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

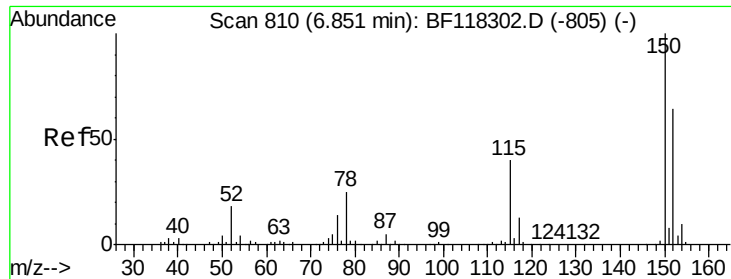
Instrument :
BNA_F
ClientSampleId :
TP-2

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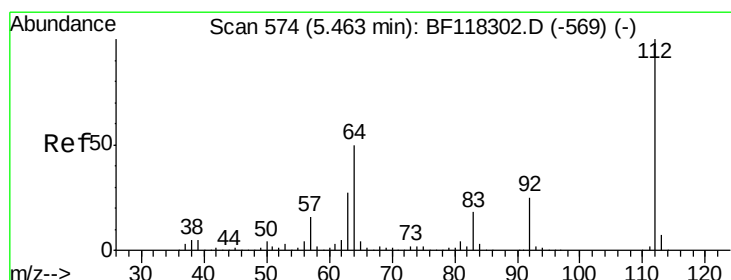
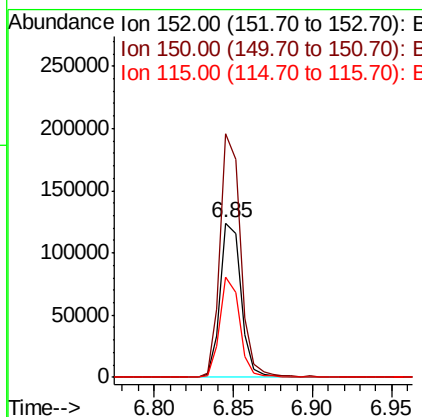
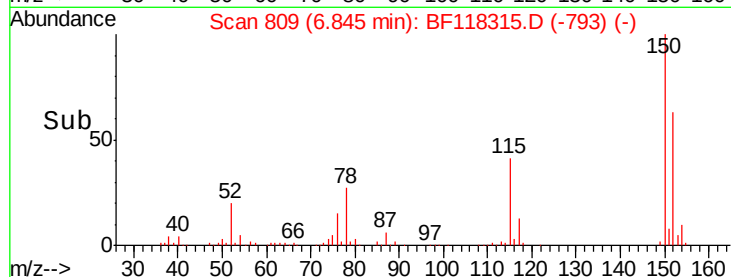
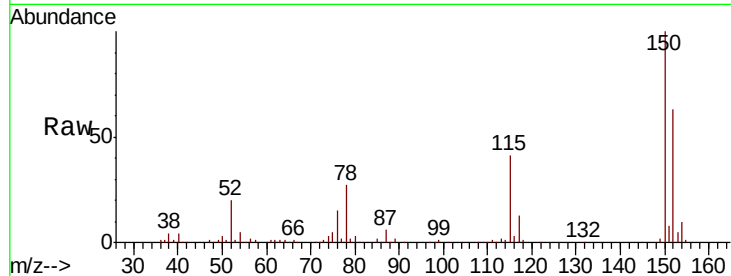
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118315.D
 Acq: 26 Dec 2019 14:36

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.4	188.2
115	65.0	50.2	75.4

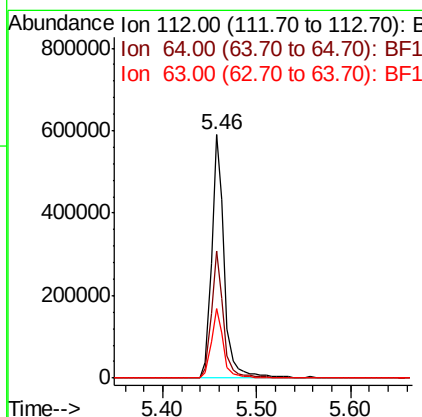
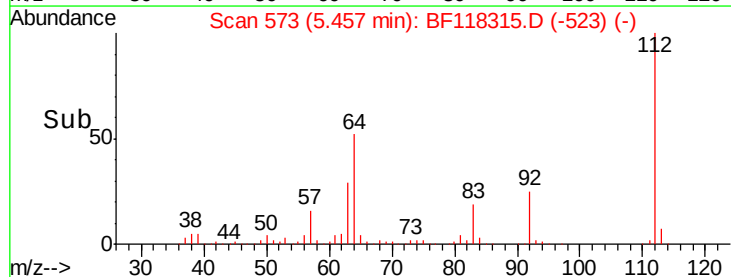
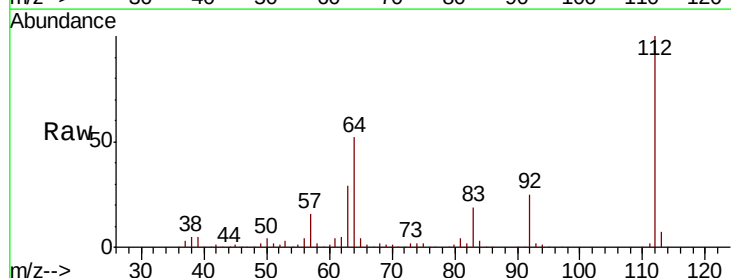
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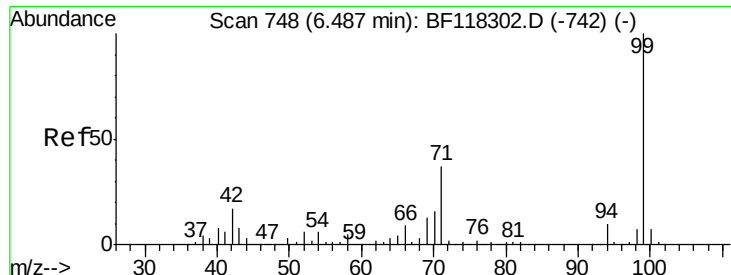
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#5
 2-Fluorophenol
 Concen: 85.213 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF118315.D
 Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.7	59.5
63	28.5	21.7	32.5





#7

Phenol-d6

Concen: 87.328 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118315.D

Acq: 26 Dec 2019 14:36

Instrument :

BNA_F

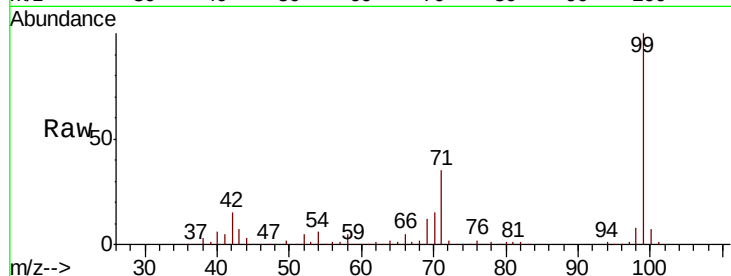
ClientSampled :

TP-2

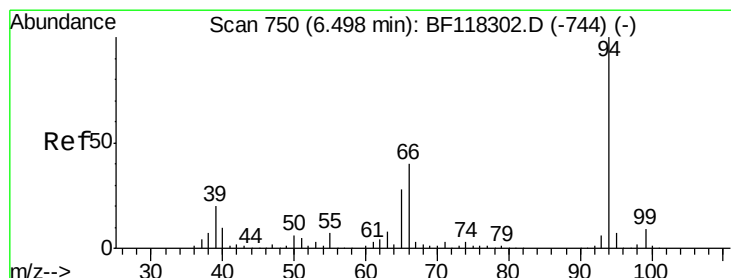
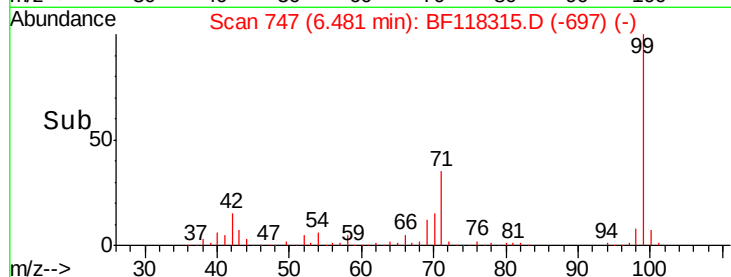
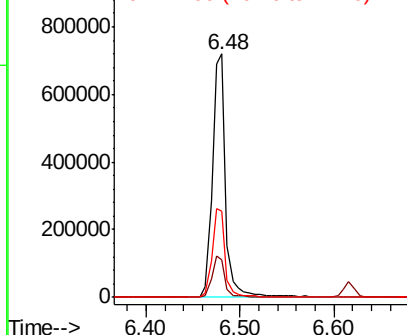
Tot Ion:	99	Resp:	721290
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	35.1	29.4	44.2

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



#10

Phenol

Concen: 2.867 ng

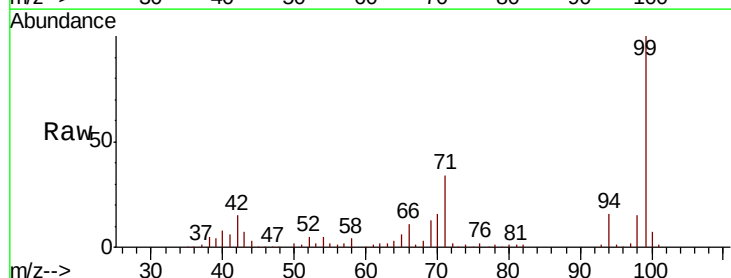
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

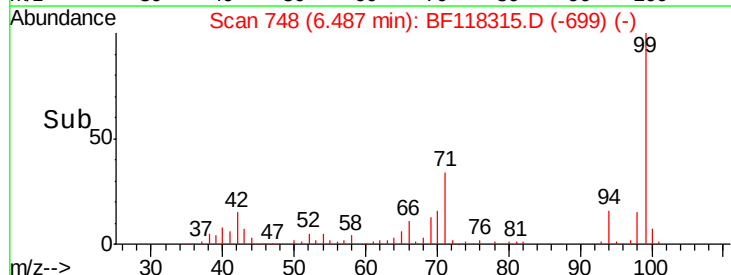
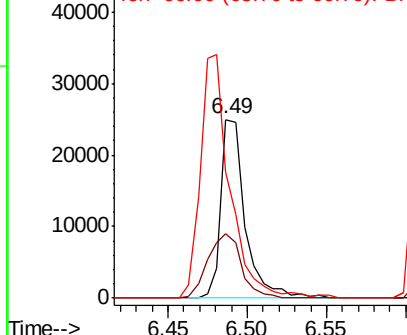
Lab File: BF118315.D

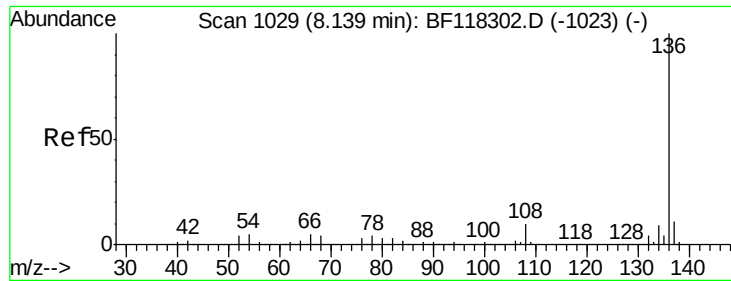
Acq: 26 Dec 2019 14:36

Tgt Ion:	94	Resp:	26619
Ion Ratio	Lower	Upper	
94	100		
65	36.4	7.8	47.8
66	70.3	20.4	60.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





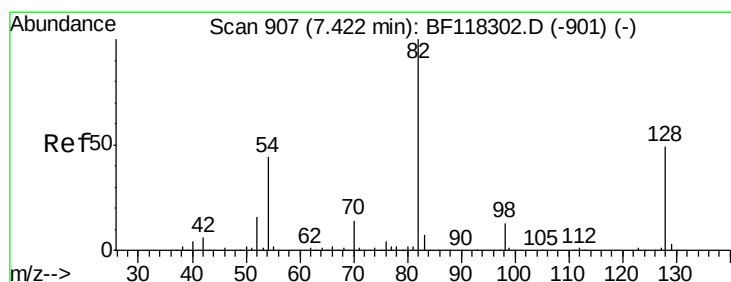
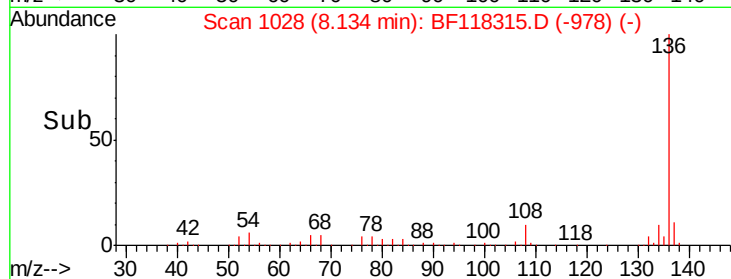
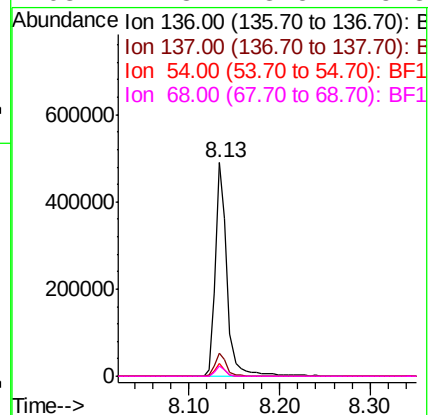
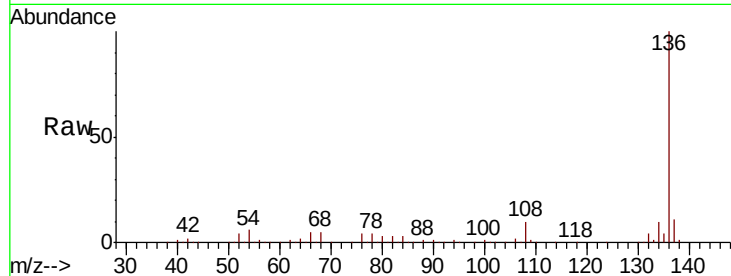
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	450681		
137	11.0	8.9	13.3	
54	5.8	4.2	6.4	
68	4.8	3.5	5.3	

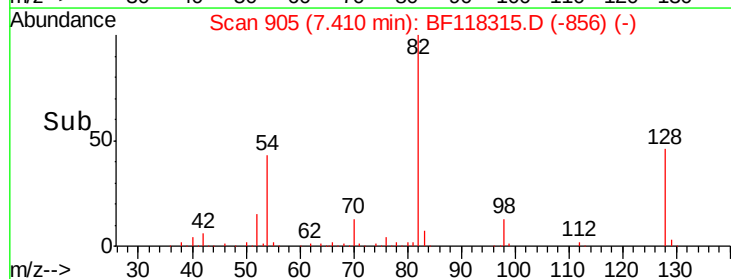
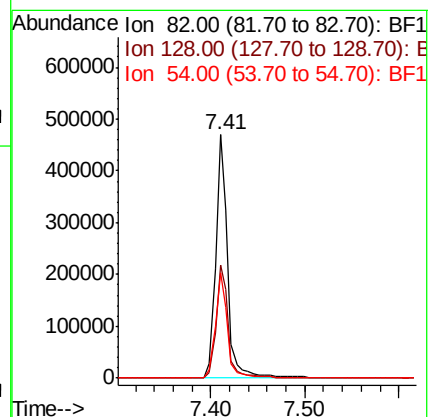
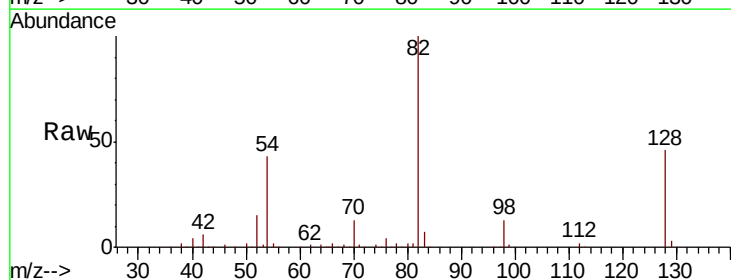
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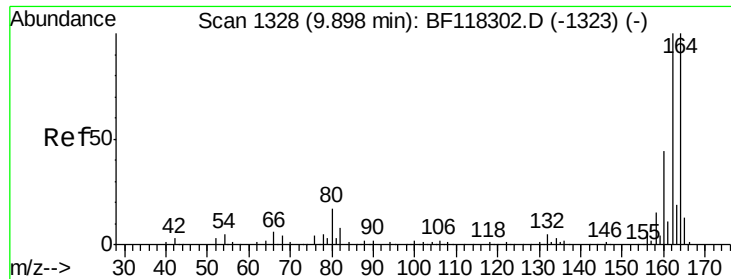
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#23
Nitrobenzene-d5
Concen: 54.103 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	426318		
128	46.4	39.6	59.4	
54	43.5	34.9	52.3	





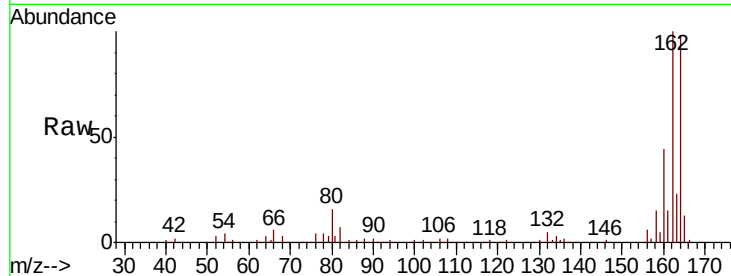
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampleId :
TP-2

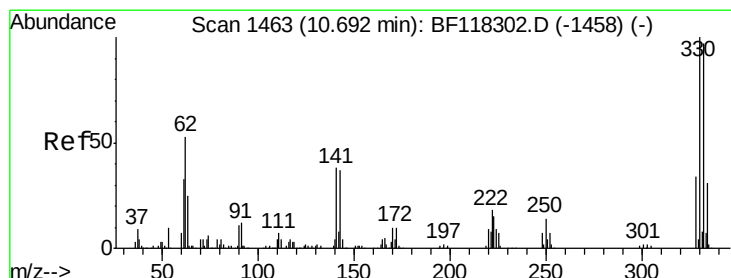
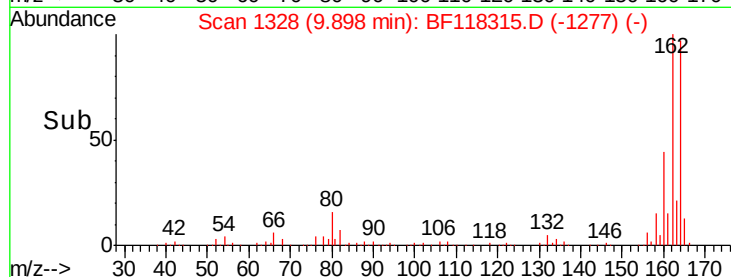
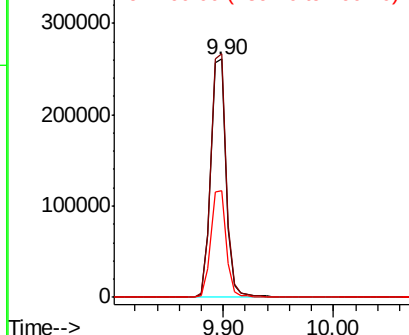
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.0	120.0
160	45.0	34.8	52.2

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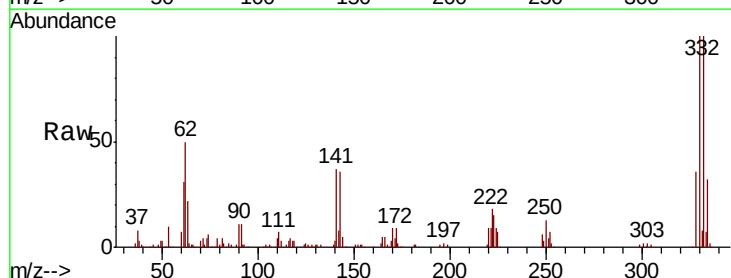


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

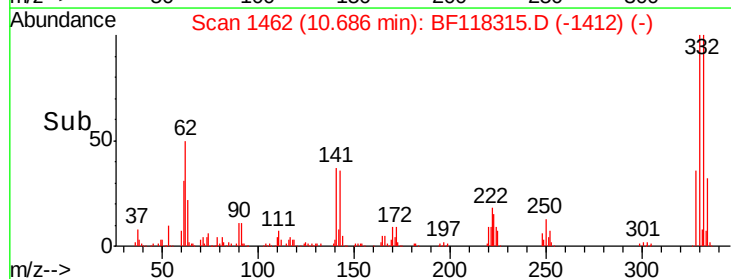
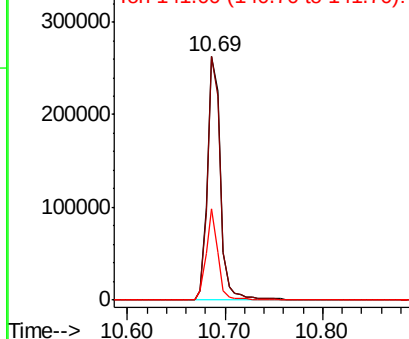


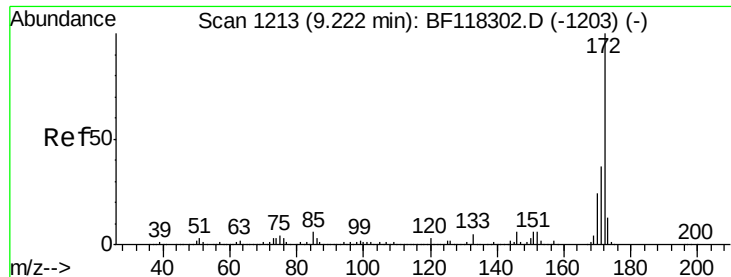
#42
2,4,6-Tribromophenol
Concen: 81.750 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	33.8	26.0	39.0



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





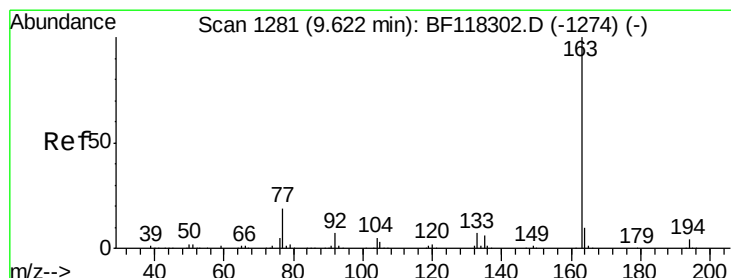
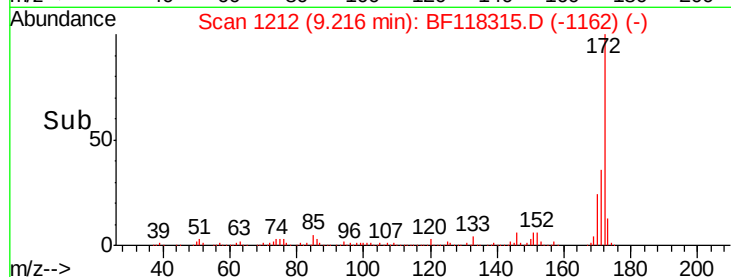
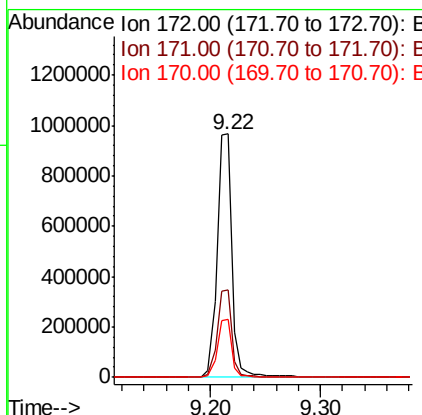
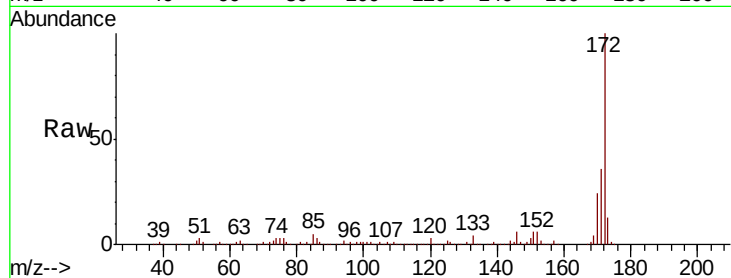
#45
2-Fluorobiphenyl
Concen: 56.395 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	24.0	19.2	28.8

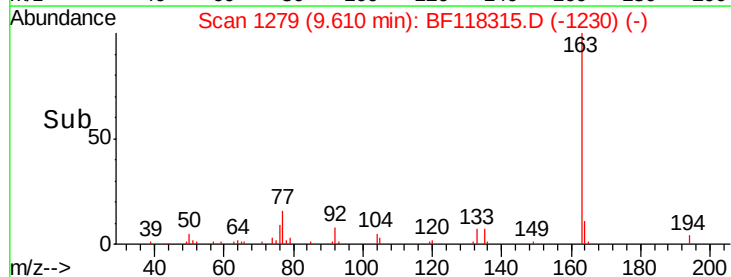
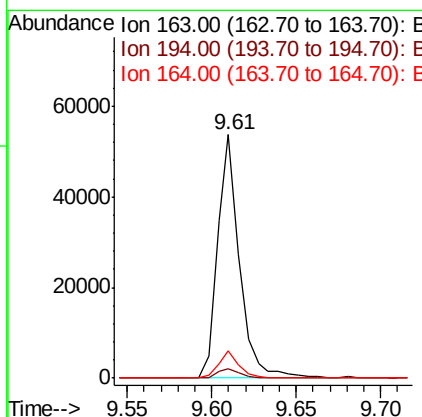
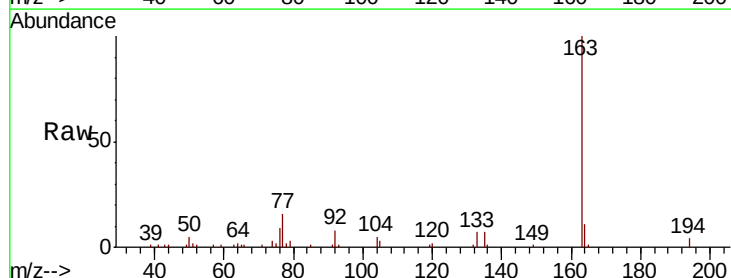
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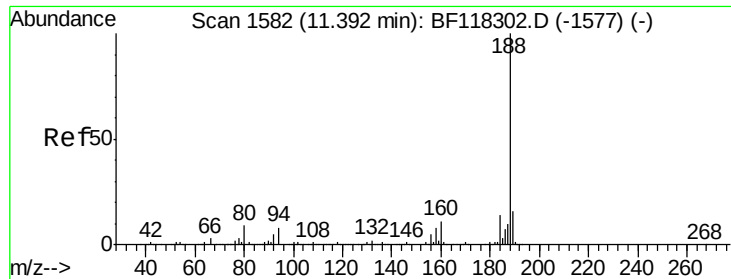
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#50
Dimethylphthalate
Concen: 2.650 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.2	7.9	11.9





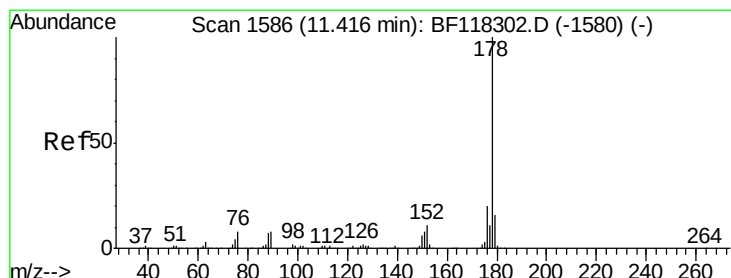
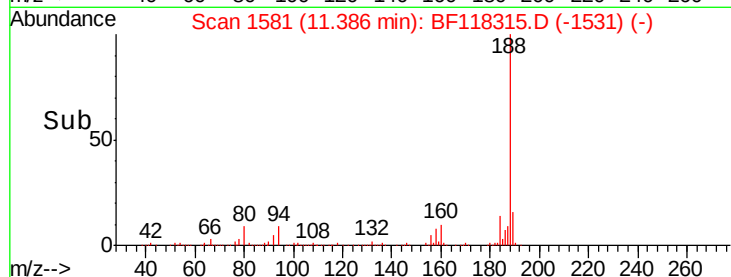
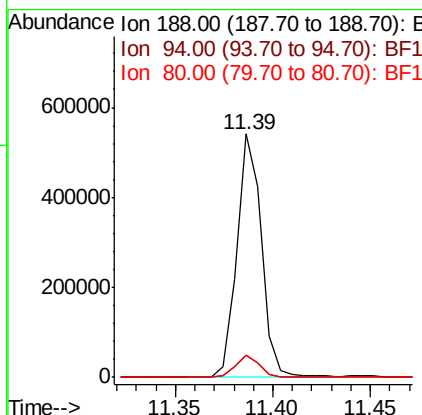
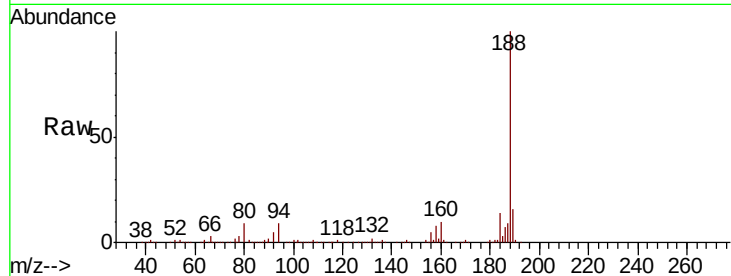
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	471215		
94	8.9		6.7	10.1
80	9.3		7.2	10.8

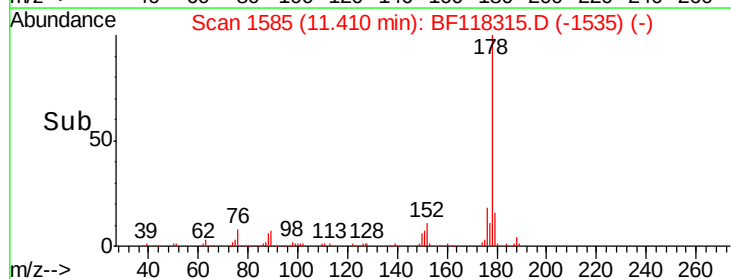
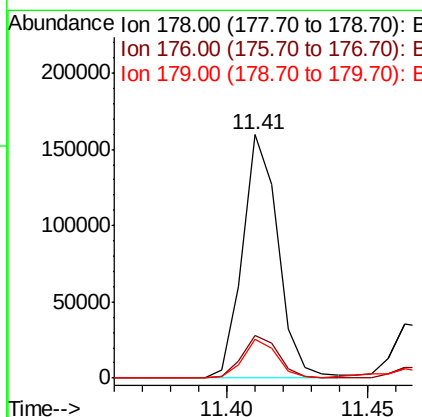
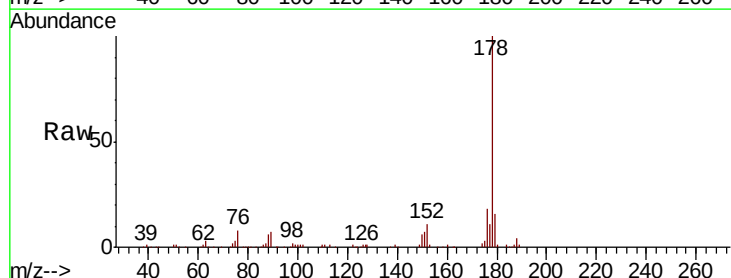
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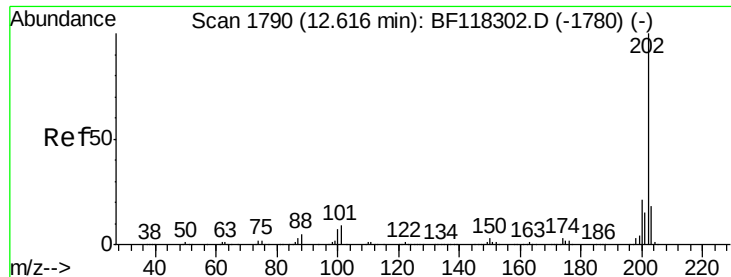
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#71
Phenanthrene
Concen: 5.429 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	139469		
176	17.6		15.6	23.4
179	16.0		12.6	19.0





#75

Fluoranthene

Concen: 7.594 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118315.D

Acq: 26 Dec 2019 14:36

Instrument :

BNA_F

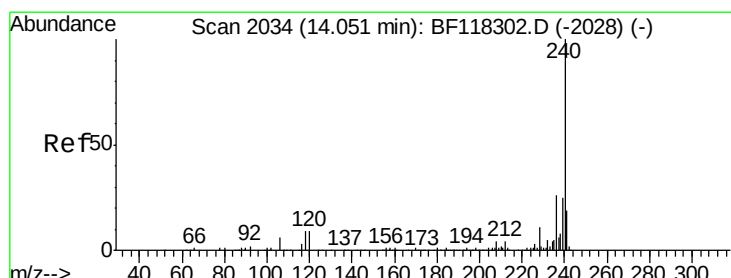
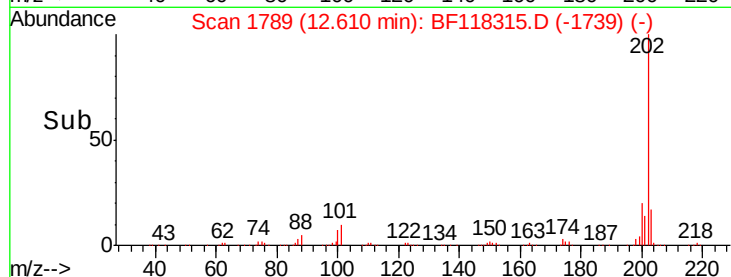
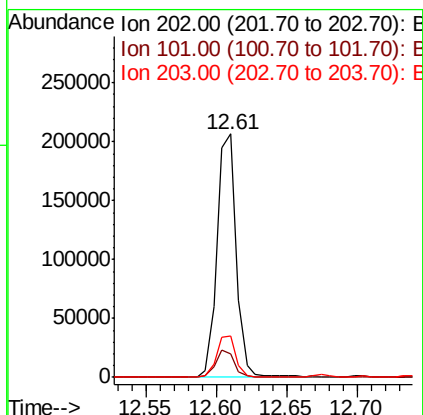
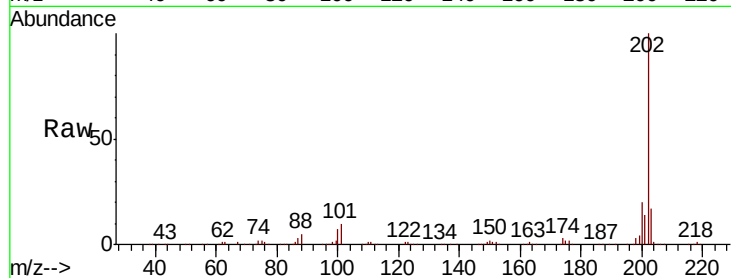
ClientSampled :

TP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		196871		
101	9.8	0.0	29.5		
203	17.1	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

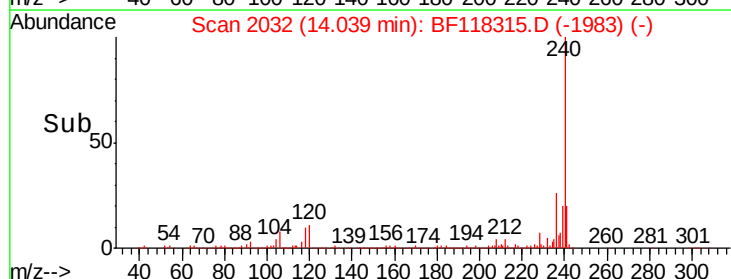
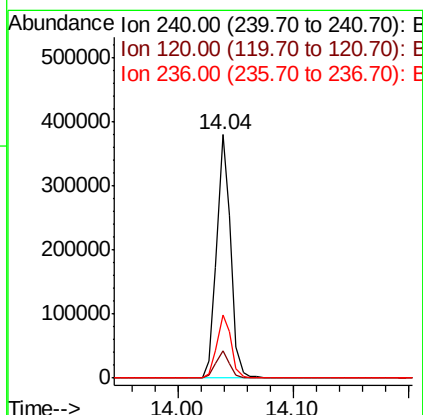
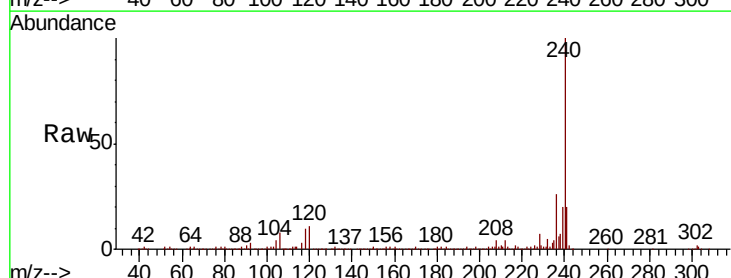
RT: 14.04 min Scan# 2032

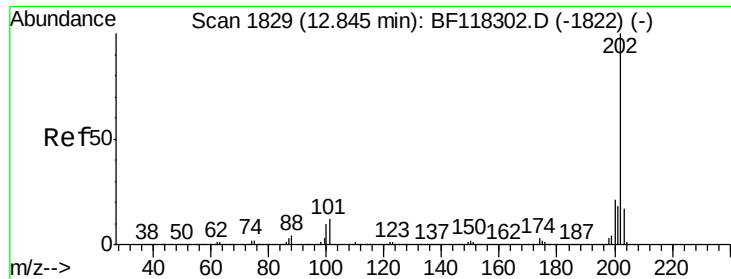
Delta R.T. -0.01 min

Lab File: BF118315.D

Acq: 26 Dec 2019 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		320467		
120	11.1	7.1	10.7#		
236	26.0	21.0	31.6		





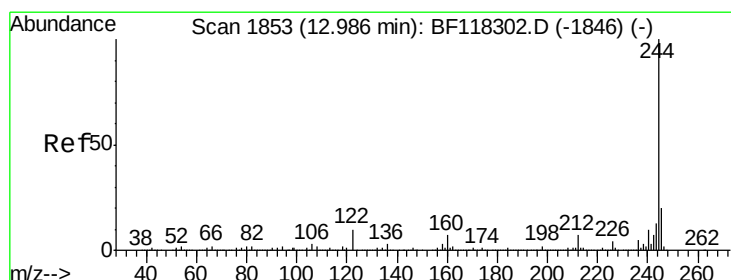
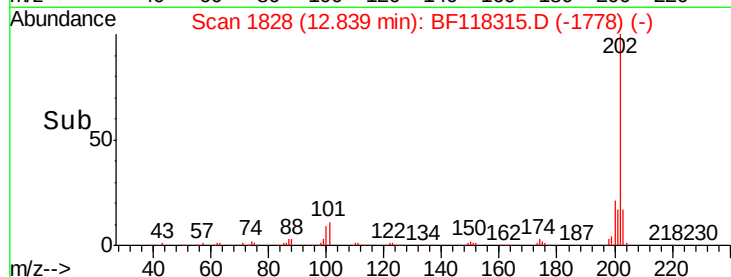
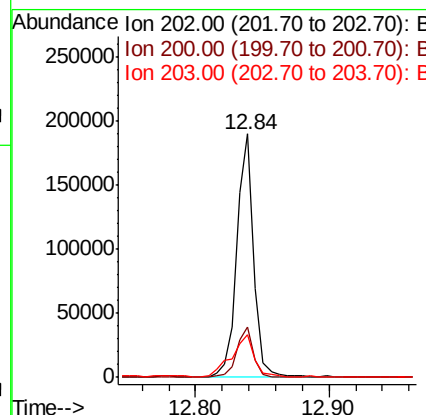
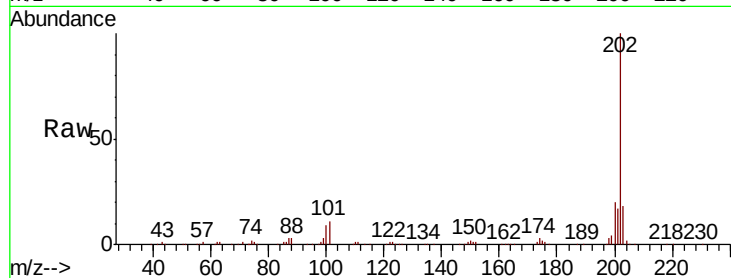
#78
Pvrene
Concen: 6.485 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.6	13.9	20.9

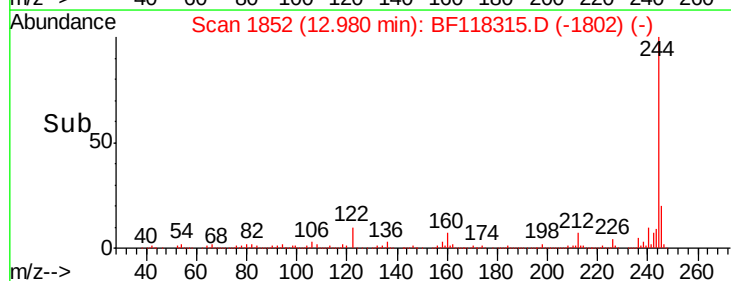
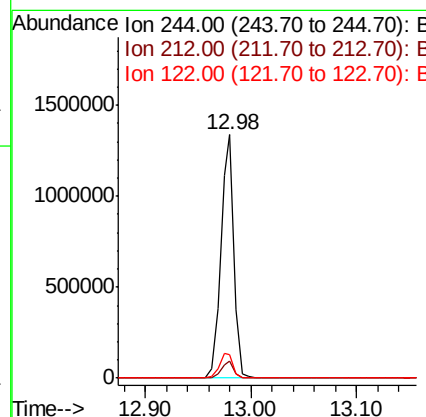
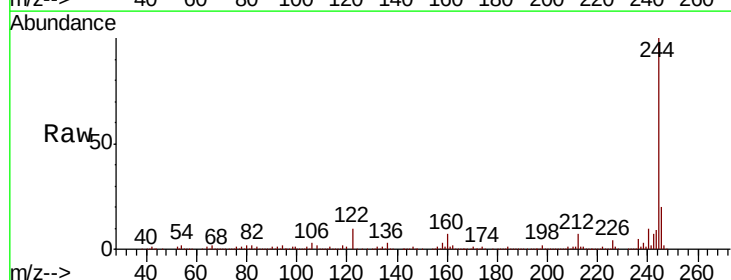
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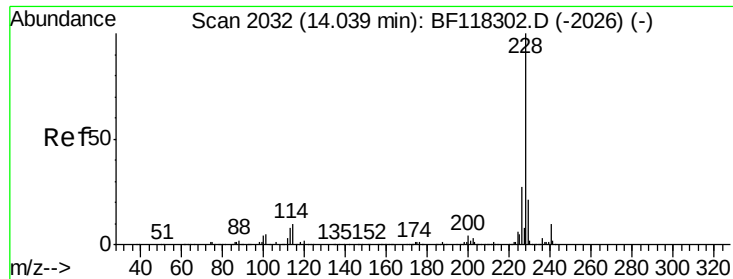
mohammad
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#79
Terphenyl-d14
Concen: 60.728 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	9.6	7.8	11.8





#81

Benzo(a)anthracene

Concen: 3.888 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118315.D

Acq: 26 Dec 2019 14:36

Instrument :

BNA_F

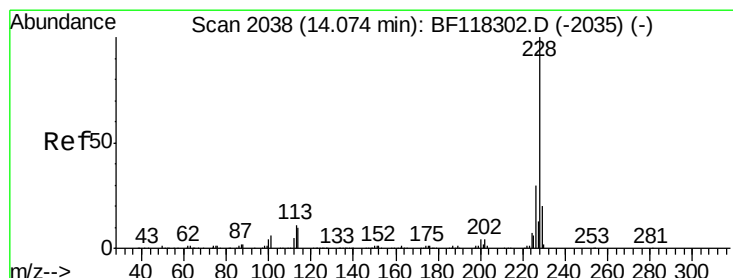
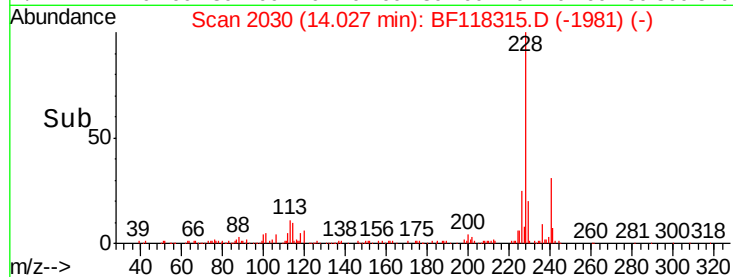
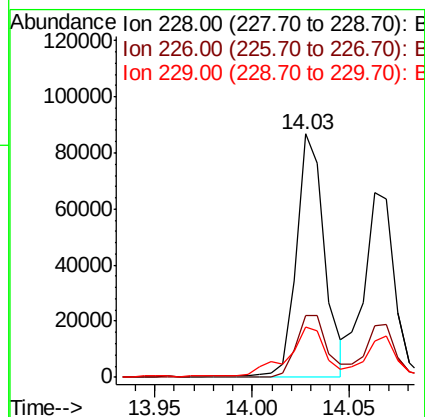
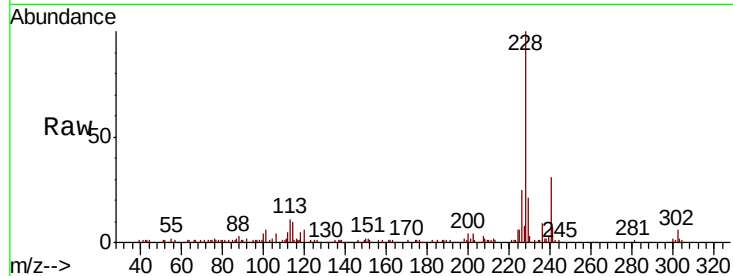
ClientSampled :

TP-2

Tot Ion:	228	Resp:	87221
Ion Ratio	Lower	Upper	
228	100		
226	25.4	22.0	33.0
229	20.6	16.6	24.8

Manual Integrations
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#83

Chrysene

Concen: 3.380 ng

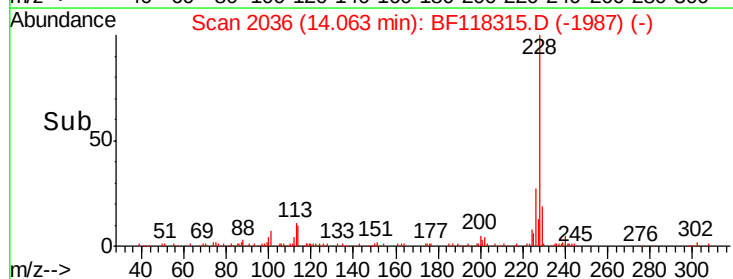
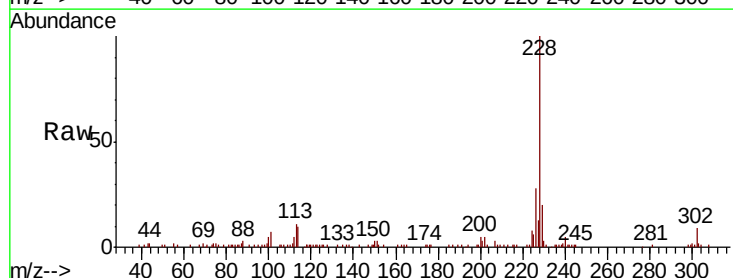
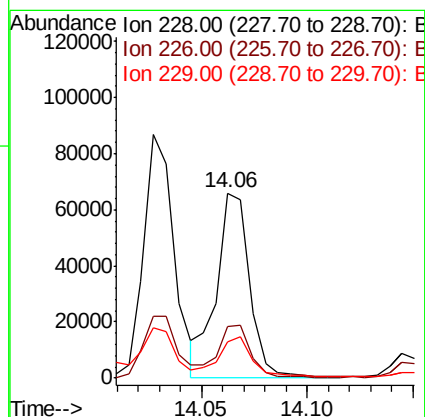
RT: 14.06 min Scan# 2036

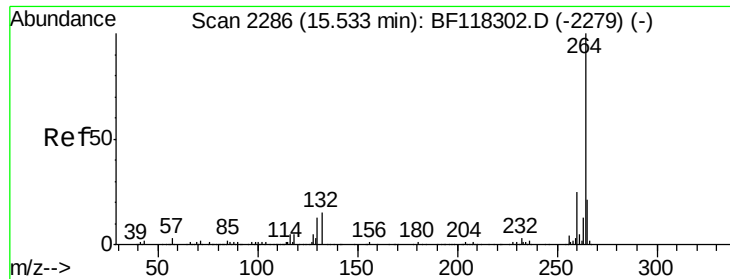
Delta R.T. -0.01 min

Lab File: BF118315.D

Acq: 26 Dec 2019 14:36

Tgt Ion:	228	Resp:	72607
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.9	35.9
229	19.8	16.1	24.1





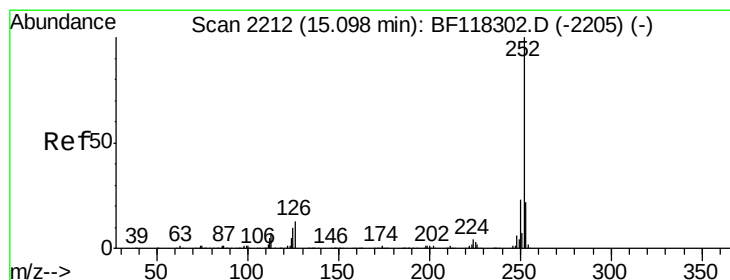
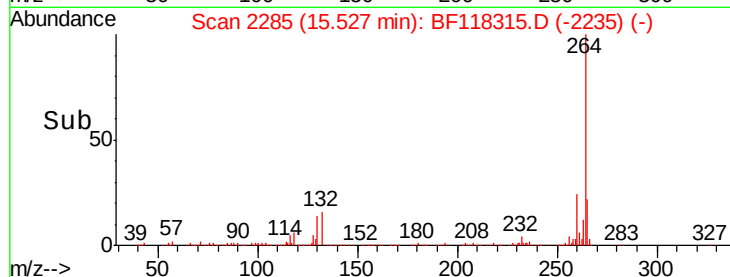
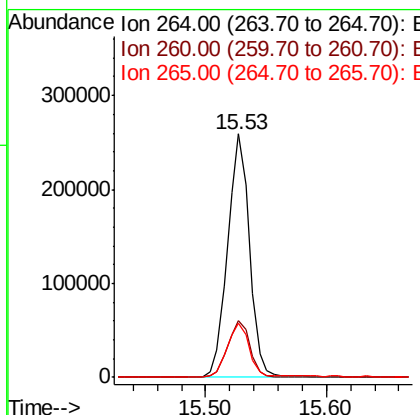
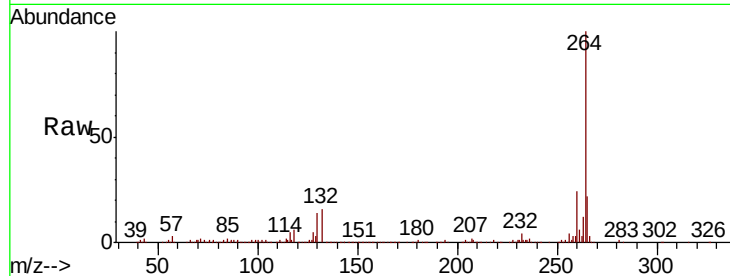
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.3	17.0	25.4

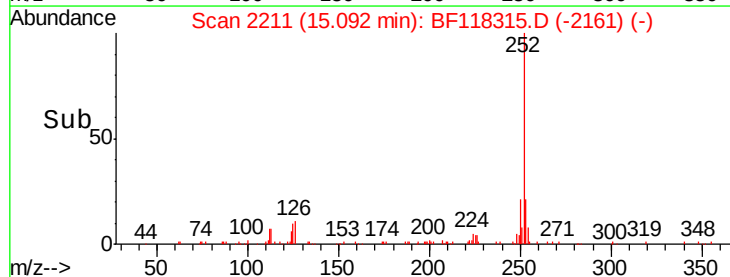
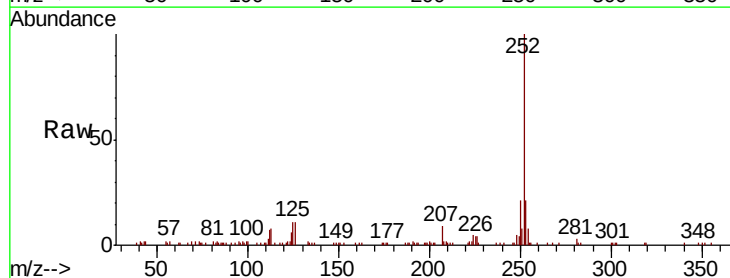
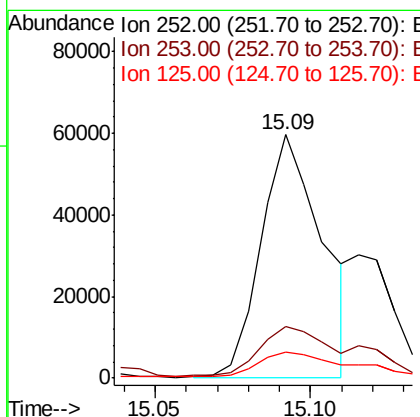
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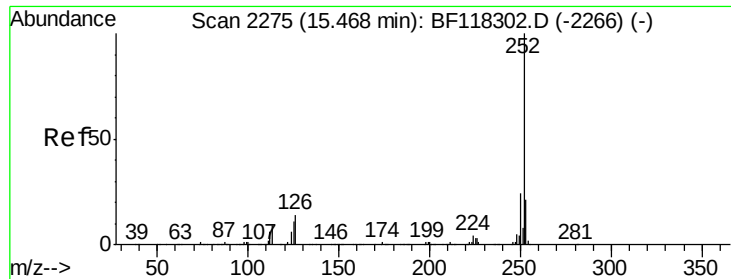
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#88
Benzo(b)fluoranthene
Concen: 3.767 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.6	7.7	11.5





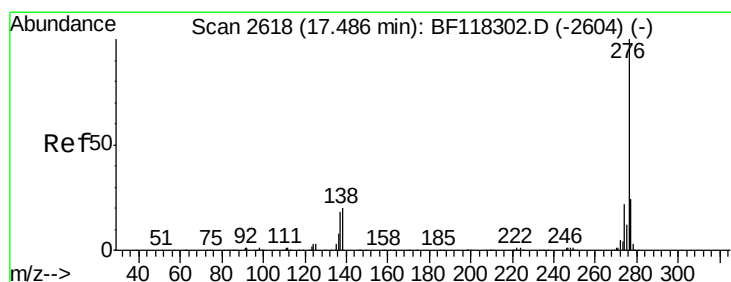
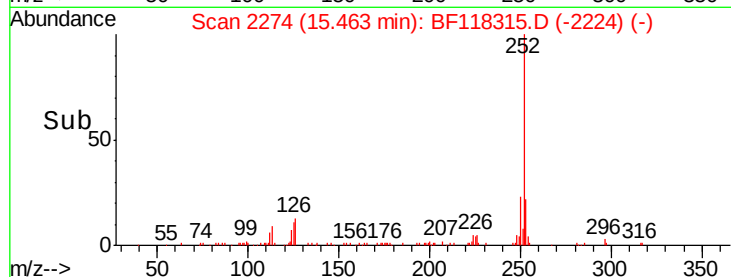
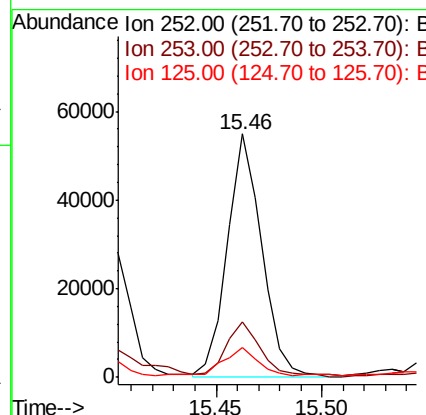
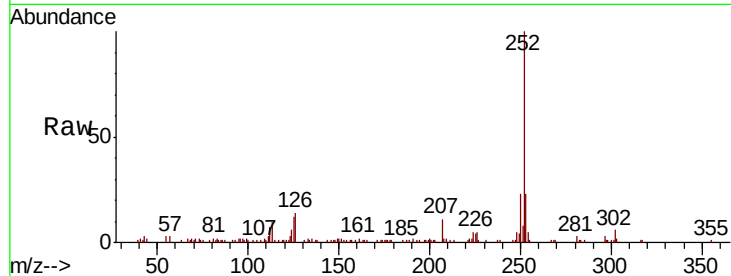
#90
Benzo(a)pyrene
Concen: 3.216 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.3	9.0	13.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.126 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF118315.D
Acq: 26 Dec 2019 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	23.7	16.1	24.1

