

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116404.D
 Acq On : 19 Aug 2019 22:50
 Operator : HP/JU
 Sample : K4290-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Manual Integrations
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mohammad
 8/22/2019 12:45:37 PM

Quant Time: Aug 20 03:25:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109715	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	425101	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	232356	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	429245	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	312991	20.00	ng	-0.02
87) Perylene-d12	15.42	264	301523	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	495270	75.57	ng	0.00
7) Phenol-d6	6.45	99	695296	84.09	ng	-0.02
23) Nitrobenzene-d5	7.37	82	523286	71.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	162706	72.23	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	933973	75.29	ng	-0.02
79) Terphenyl-d14	12.90	244	1060685	71.41	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	213165	13.474	ng	99
71) Phenanthrene	11.35	178	84033	3.829	ng	98
75) Fluoranthene	12.54	202	143082	6.228	ng	100
78) Pyrene	12.77	202	126026	5.342	ng	98
81) Benzo(a)anthracene	13.95	228	58426	2.921	ng	96
83) Chrysene	13.99	228	59647	3.071	ng	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	36298	2.225	ng	# 94
88) Benzo(b)fluoranthene	15.01	252	61219m	3.511	ng	
90) Benzo(a)pyrene	15.37	252	45753	2.936	ng	# 96
92) Benzo(g,h,i)perylene	17.34	276	36384	2.746	ng	# 91

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

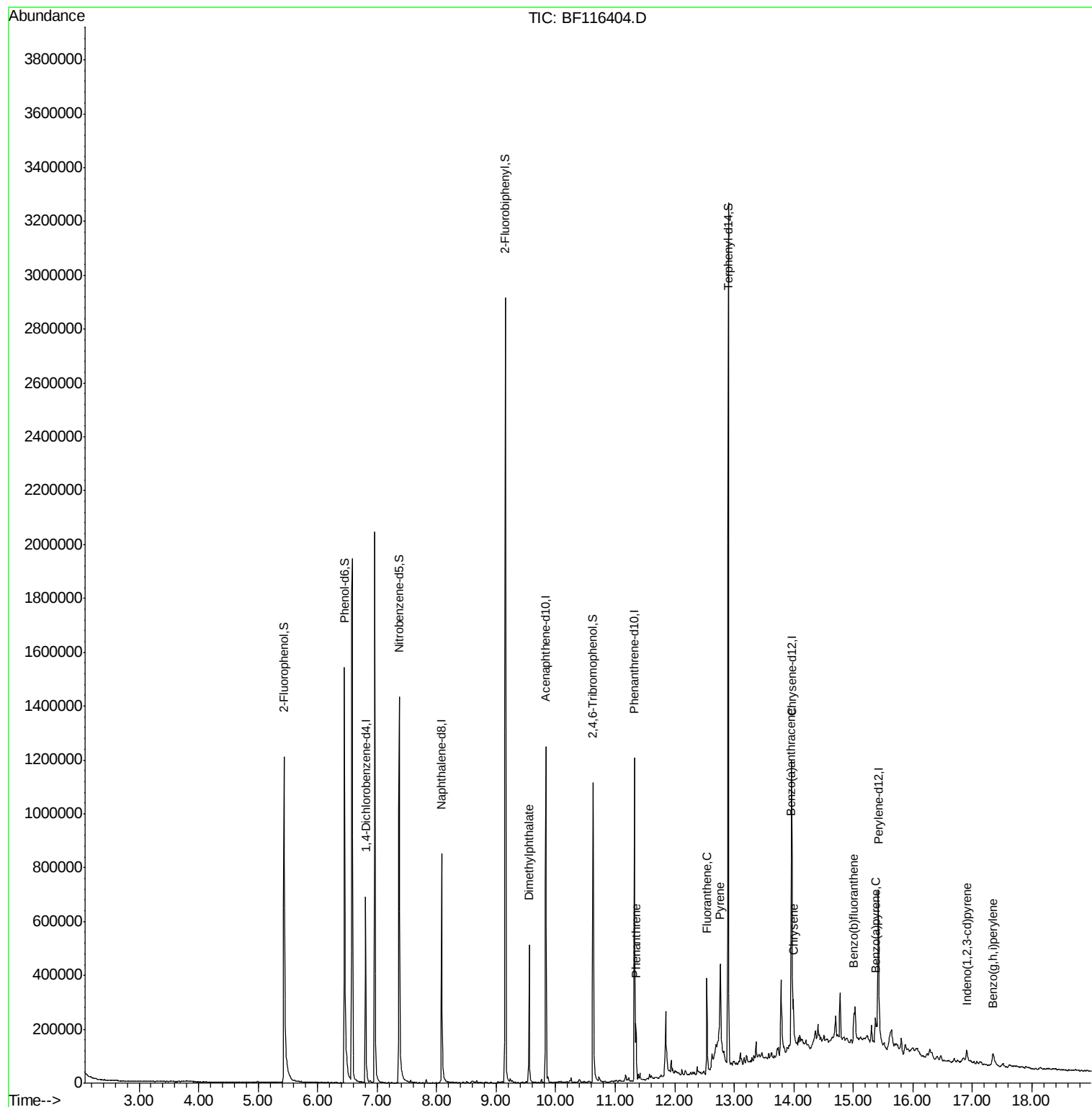
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116404.D
Acq On : 19 Aug 2019 22:50
Operator : HP/JU
Sample : K4290-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

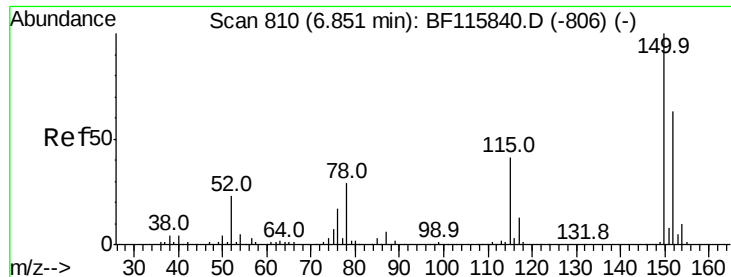
Instrument :
BNA_F
ClientSampleId :
B-4

Manual Integrations
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Quant Time: Aug 20 03:25:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

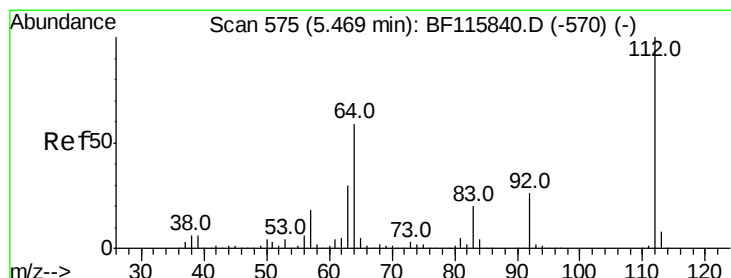
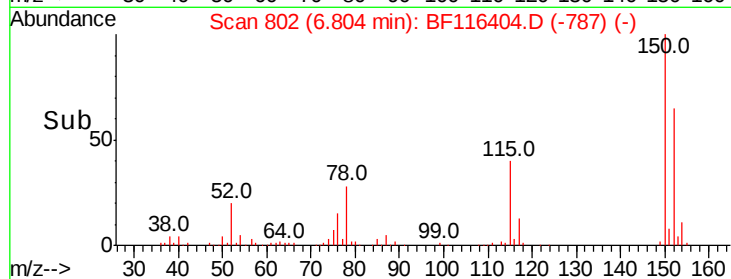
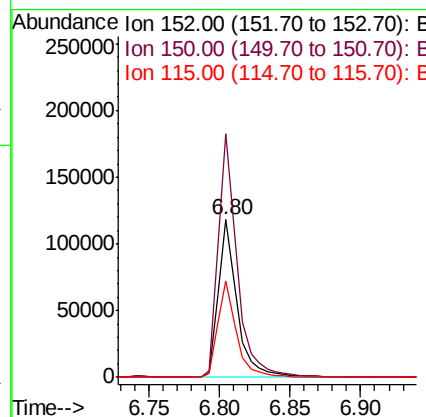
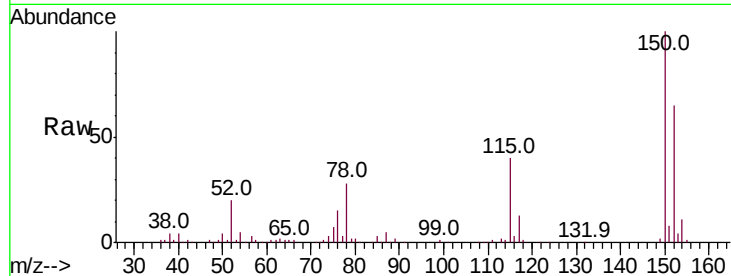
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	61.4	49.9	74.9

Manual Integrations
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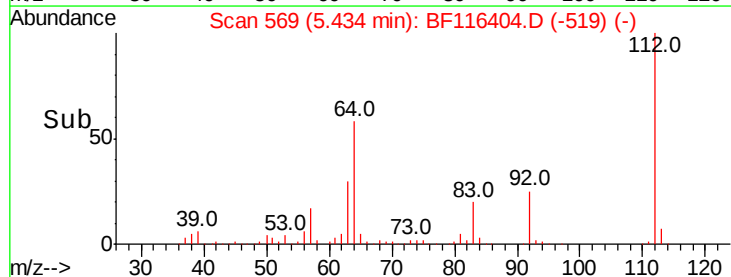
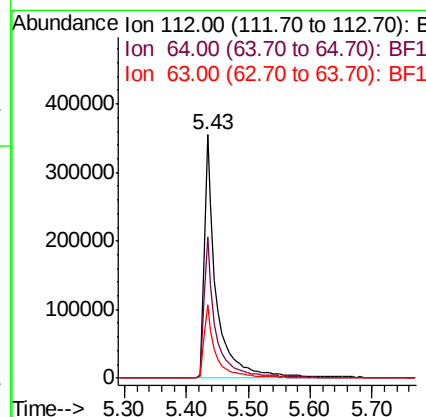
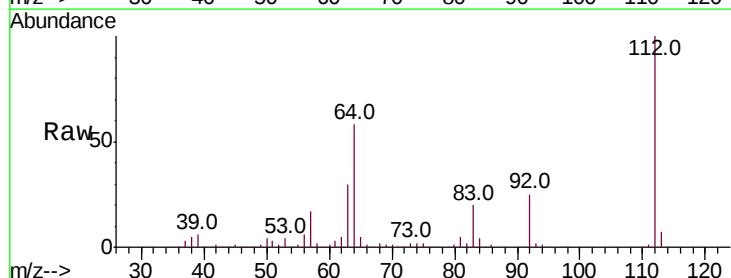
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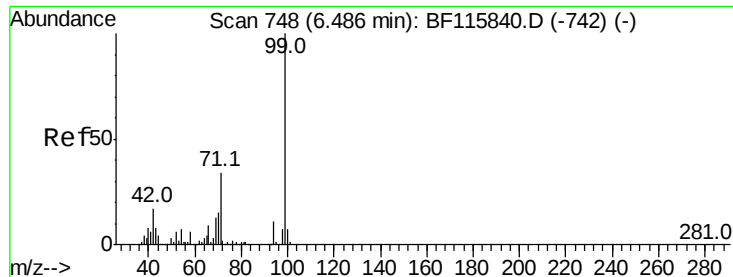


#5

2-Fluorophenol
Concen: 75.570 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 84.087 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116404.D

Acq: 19 Aug 2019 22:50

Instrument :

BNA_F

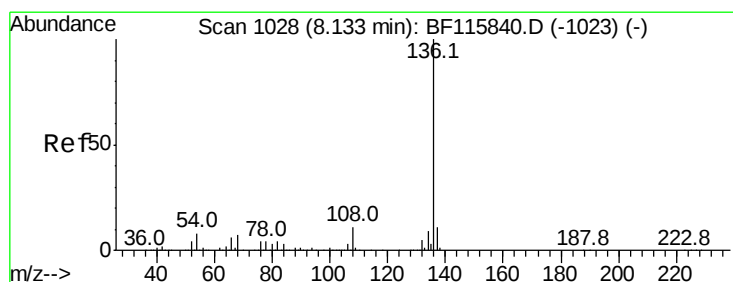
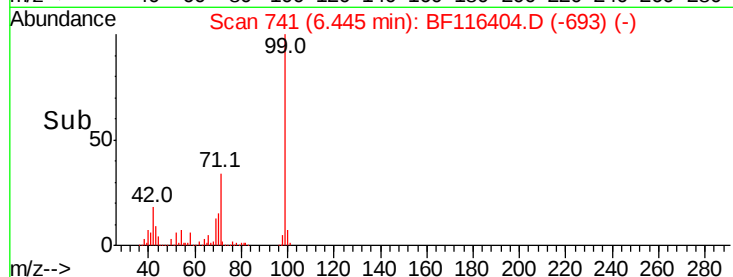
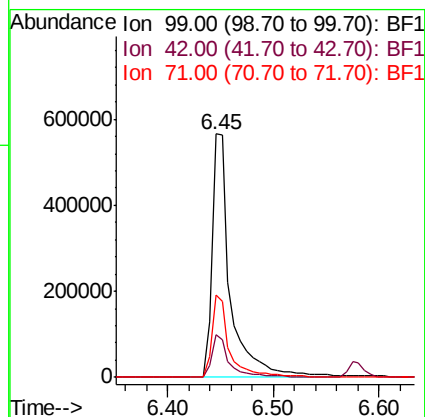
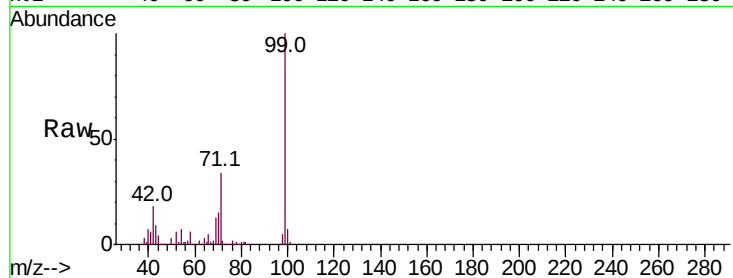
ClientSampled :

B-4

Tot Ion:	99	Resp:	695296
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.8	20.8
71	34.0	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

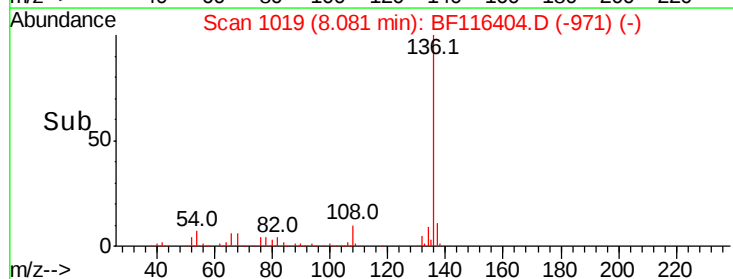
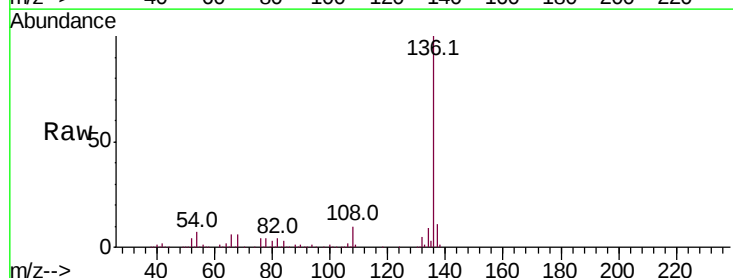
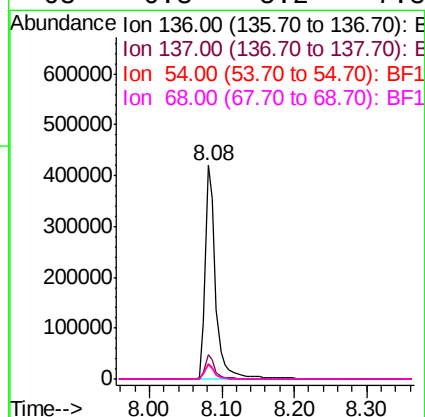
RT: 8.08 min Scan# 1019

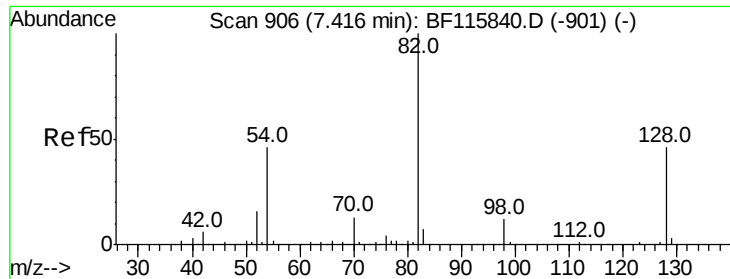
Delta R.T. -0.02 min

Lab File: BF116404.D

Acq: 19 Aug 2019 22:50

Tgt Ion:	136	Resp:	425101
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.4	5.8	8.6
68	6.3	5.2	7.8





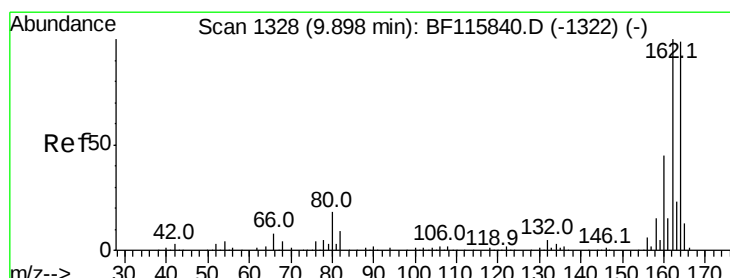
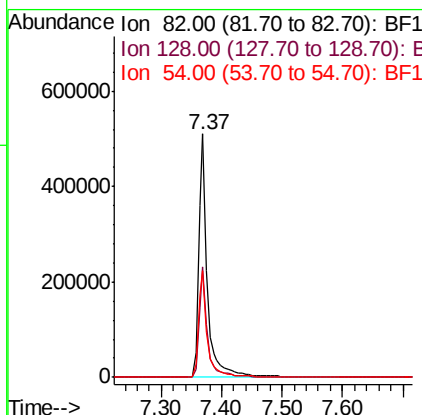
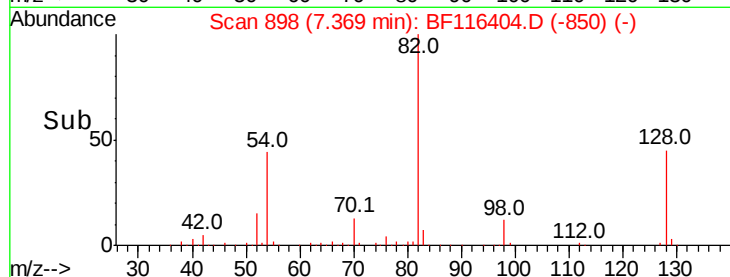
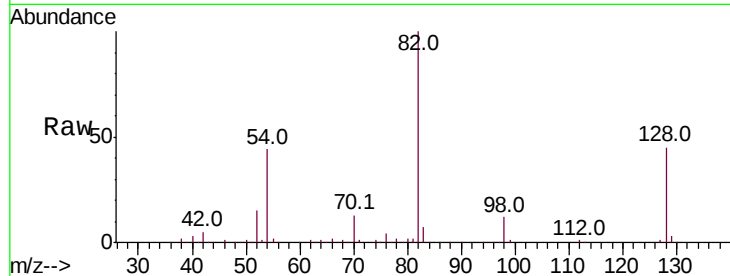
#23
 Nitrobenzene-d5
 Concen: 71.055 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116404.D
 Acq: 19 Aug 2019 22:50

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.5	54.7	
54	43.8	36.0	54.0	

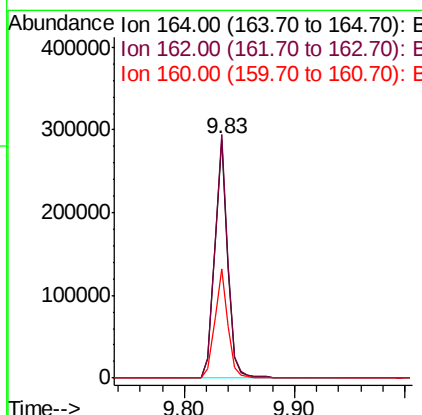
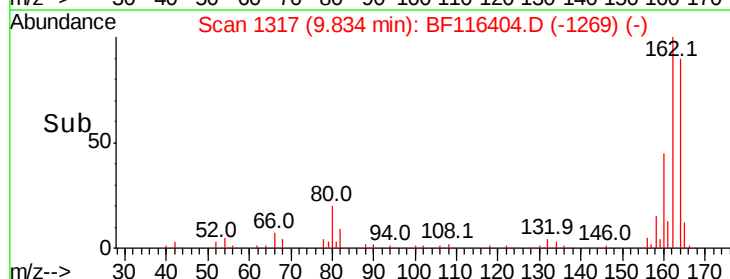
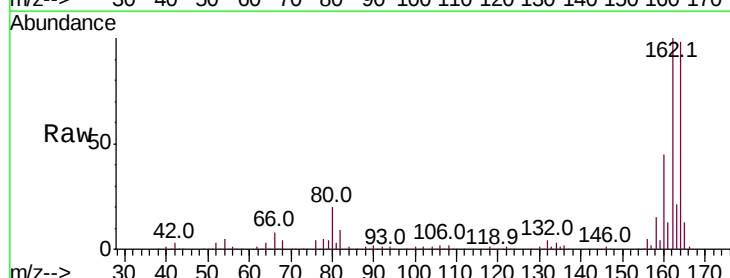
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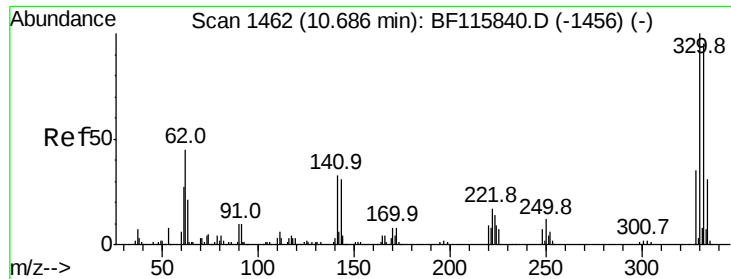
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116404.D
 Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.6	124.0	
160	45.6	37.6	56.4	





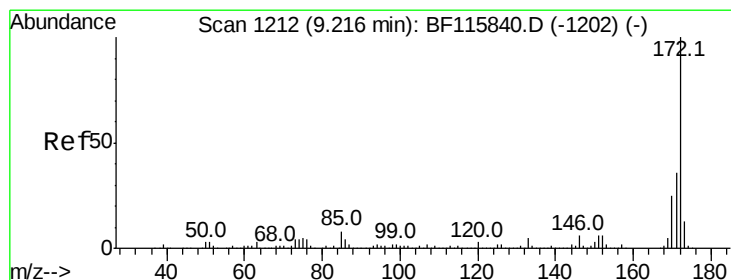
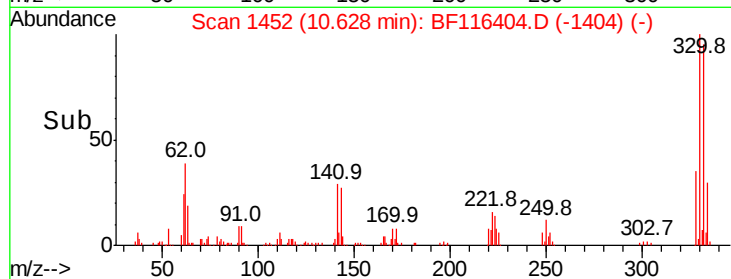
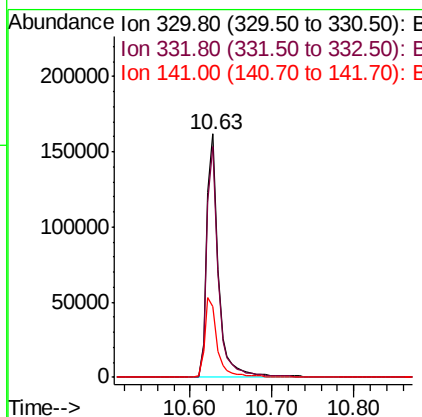
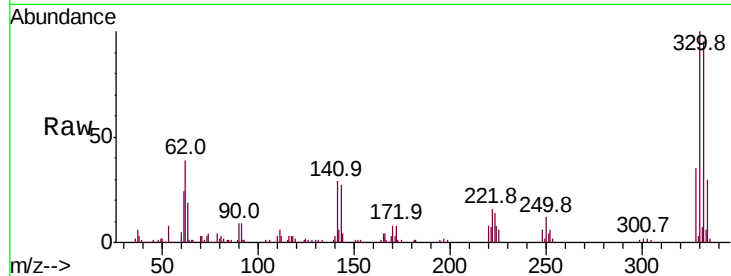
#42
 2,4,6-Tribromophenol
 Concen: 72.225 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116404.D
 Acq: 19 Aug 2019 22:50

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162706		
332	95.2	76.8	115.2	
141	35.3	26.3	39.5	

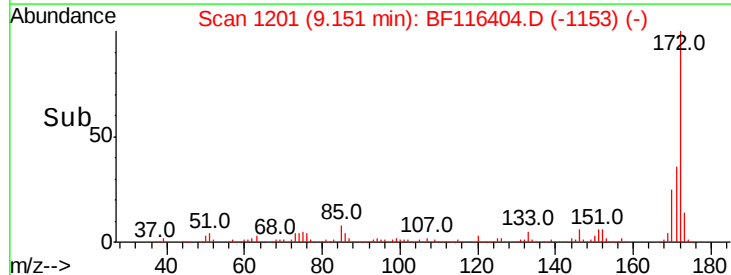
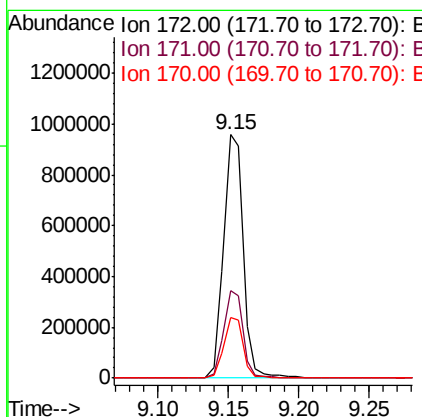
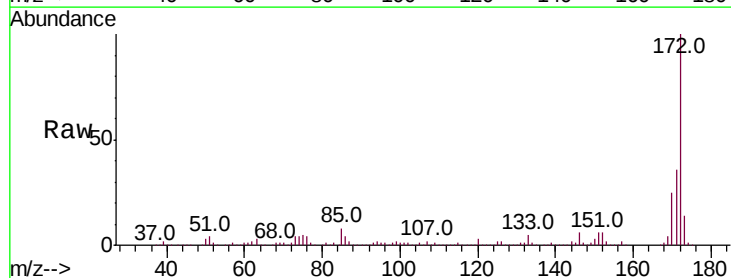
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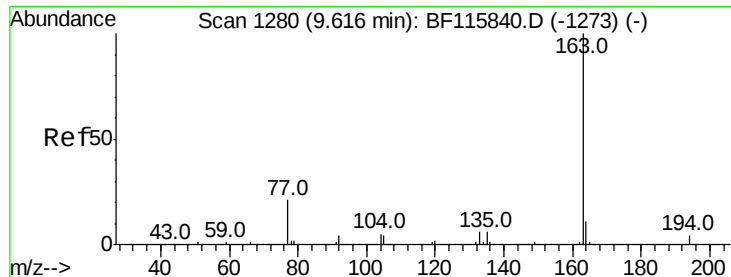
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#45
 2-Fluorobiphenyl
 Concen: 75.290 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116404.D
 Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	933973		
171	36.0	29.6	44.4	
170	24.8	20.1	30.1	





#50

Dimethylphthalate

Concen: 13.474 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116404.D

Acq: 19 Aug 2019 22:50

Instrument :

BNA_F

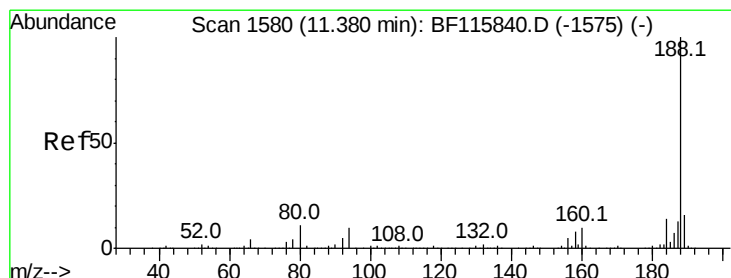
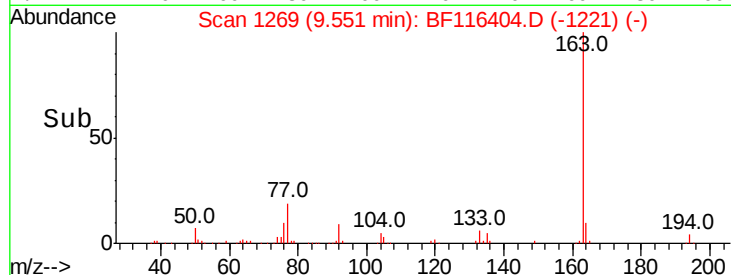
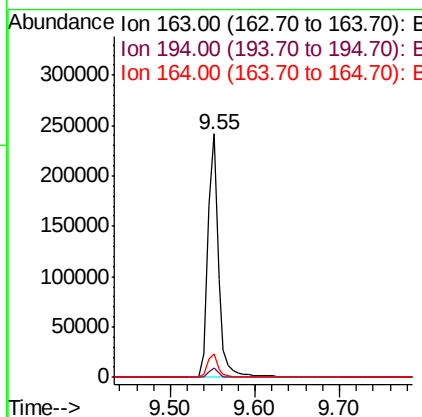
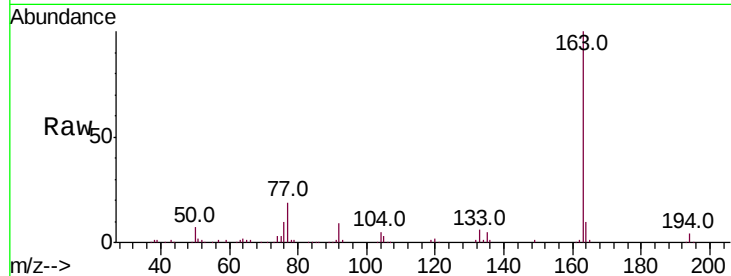
ClientSampleId :

B-4

Tot Ion:	163	Resp:	213165
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	9.8	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

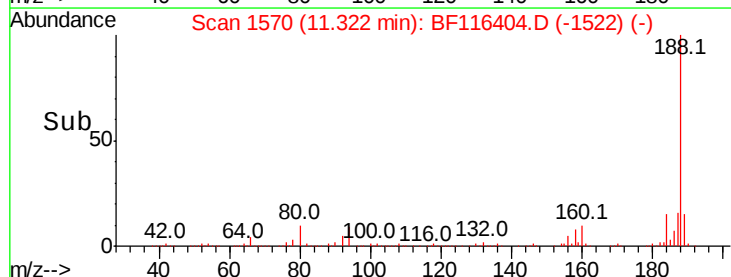
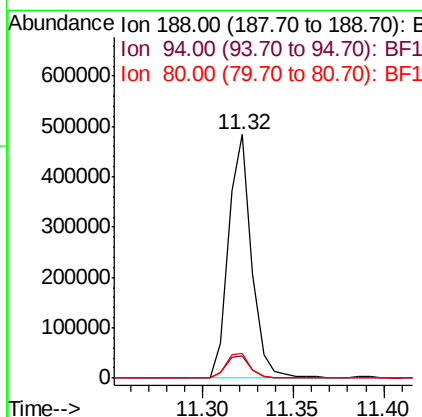
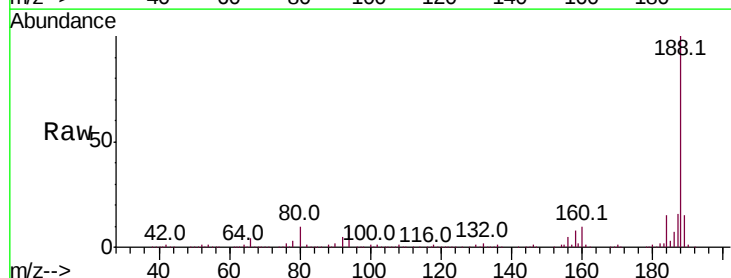
RT: 11.32 min Scan# 1570

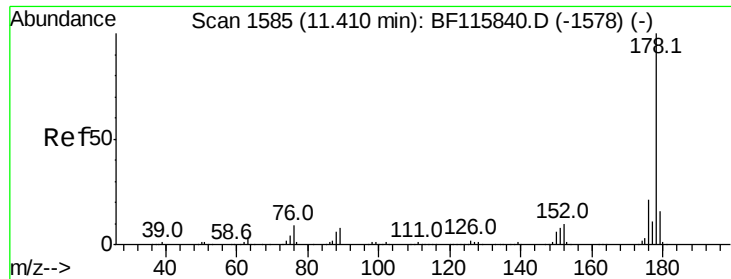
Delta R.T. -0.02 min

Lab File: BF116404.D

Acq: 19 Aug 2019 22:50

Tgt Ion:	188	Resp:	429245
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.1	12.1
80	10.1	8.7	13.1





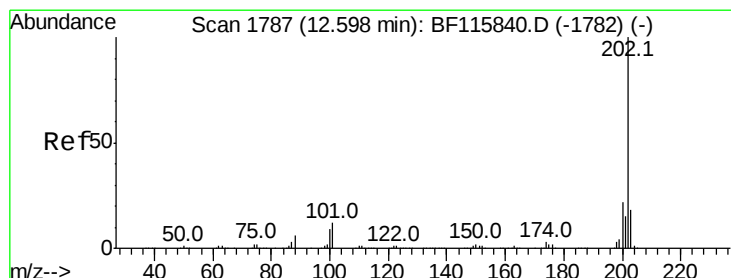
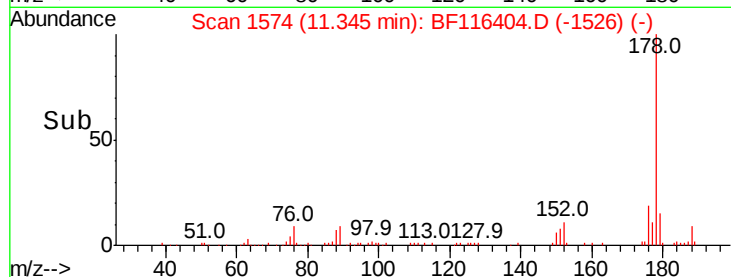
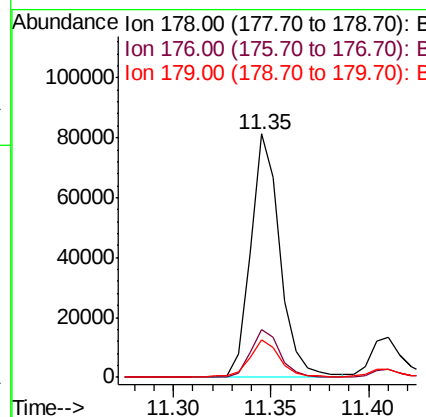
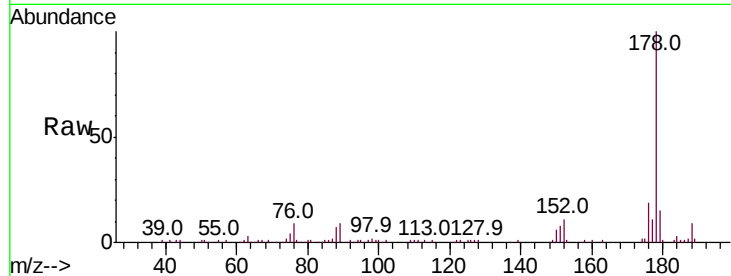
#71
Phenanthrene
Concen: 3.829 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	24.8
179	15.2	12.5	18.7

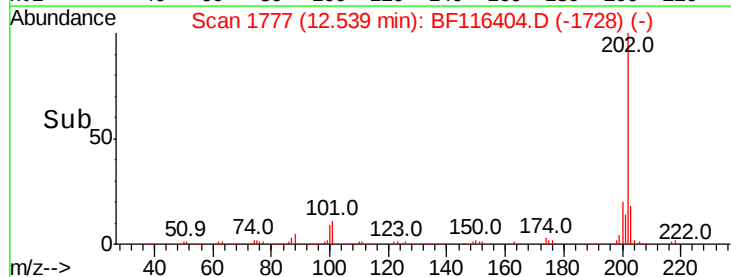
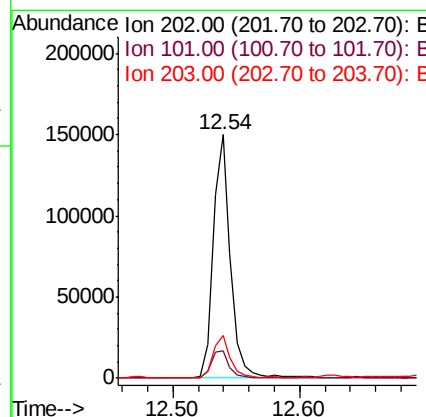
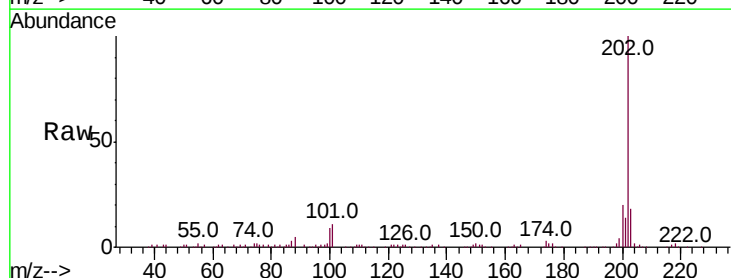
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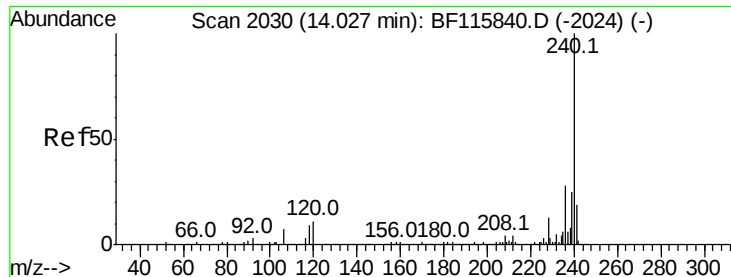
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#75
Fluoranthene
Concen: 6.228 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
203	17.6	0.0	37.8





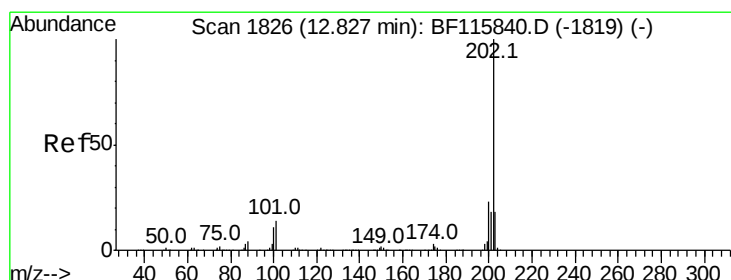
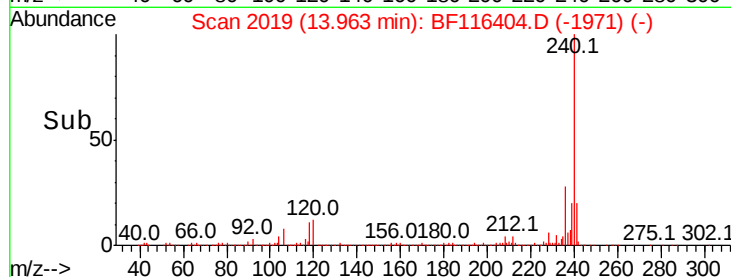
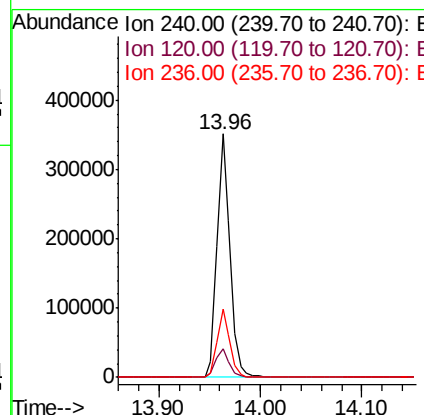
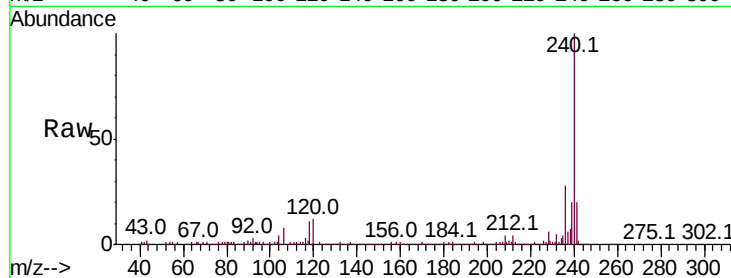
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Instrument :
BNA_F
ClientSampleId :
B-4

Tot Ion	Ratio	Resp	Lower	Upper
240	100	312991		
120	11.8	10.7	16.1	
236	28.1	22.2	33.2	

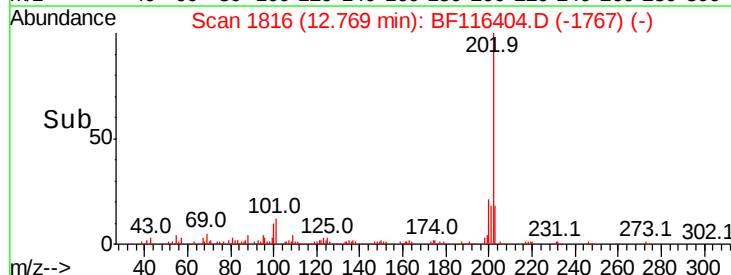
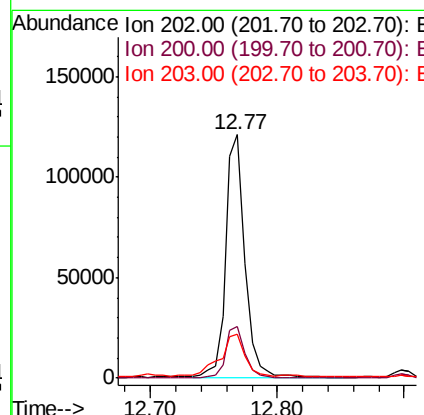
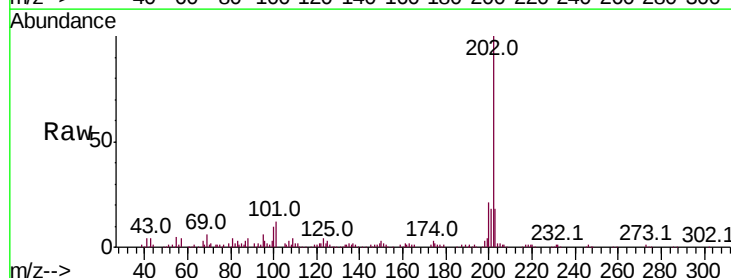
Manual Integrations
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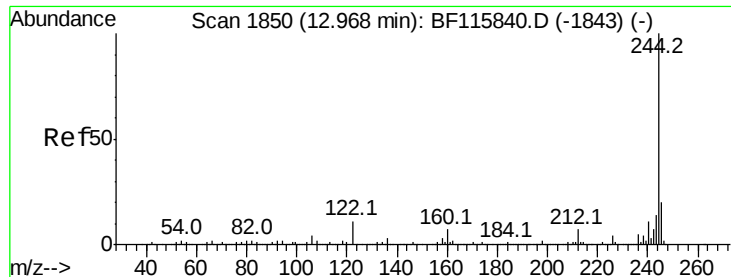
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#78
Pyrene
Concen: 5.342 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	126026		
200	21.4	18.0	27.0	
203	18.0	14.1	21.1	





#79
 Terphenyl-d14
 Concen: 71.409 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116404.D
 Acq: 19 Aug 2019 22:50

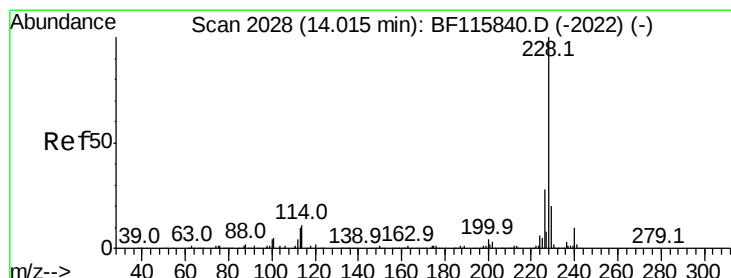
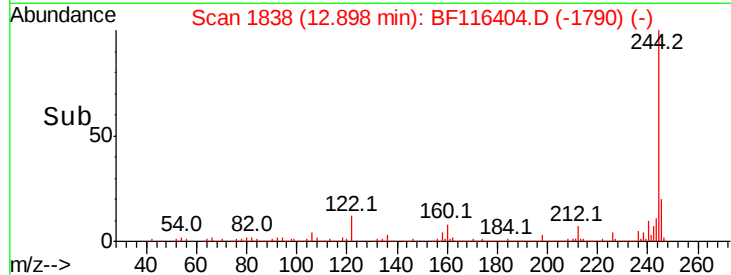
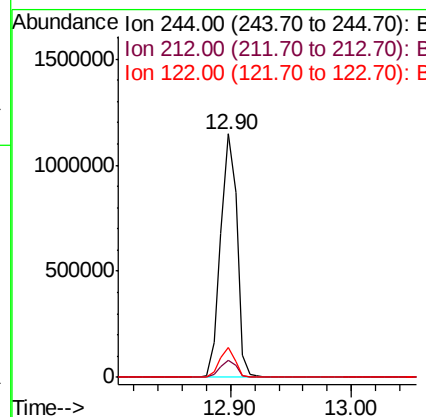
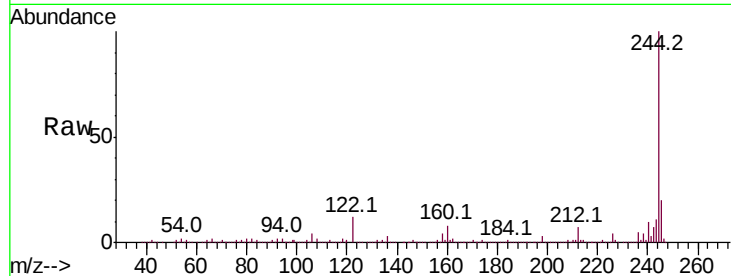
Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion:244 Resp: 1060685

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.1	9.0	13.4

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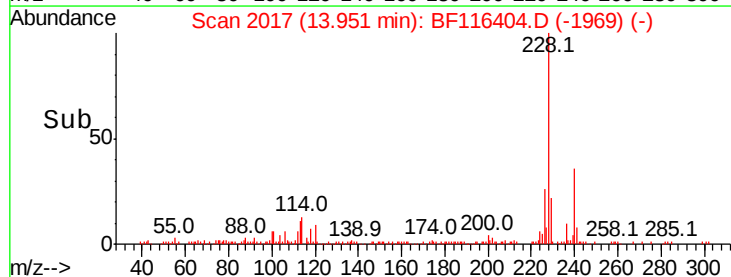
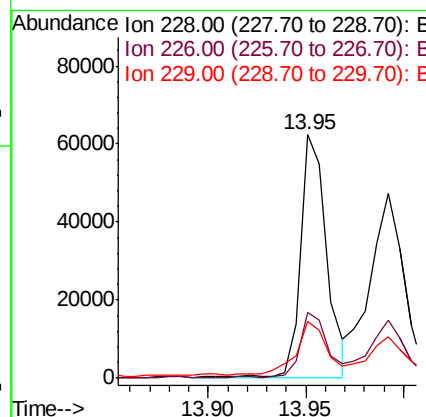
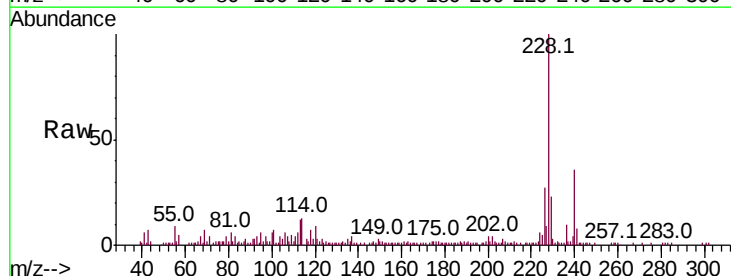
mohammad
 8/22/2019 12:45:37 PM

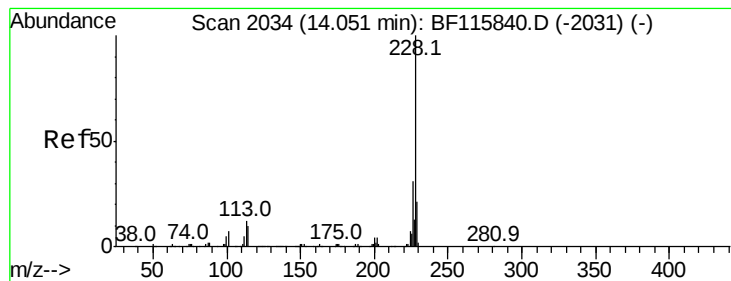


#81
 Benzo(a)anthracene
 Concen: 2.921 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF116404.D
 Acq: 19 Aug 2019 22:50

Tgt Ion:228 Resp: 58426

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	23.3	16.2	24.4





#83

Chrysene

Concen: 3.071 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116404.D

Acq: 19 Aug 2019 22:50

Instrument :

BNA_F

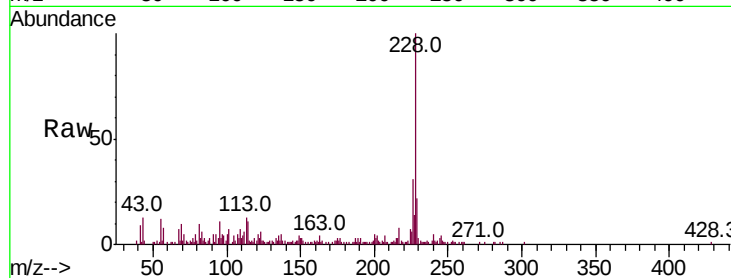
ClientSampleId :

B-4

Tot Ion:	228	Resp:	59647
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.5	38.3
229	22.1	16.6	24.8

Manual Integrations
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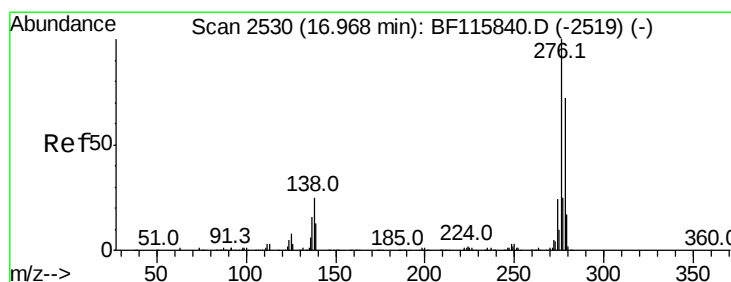
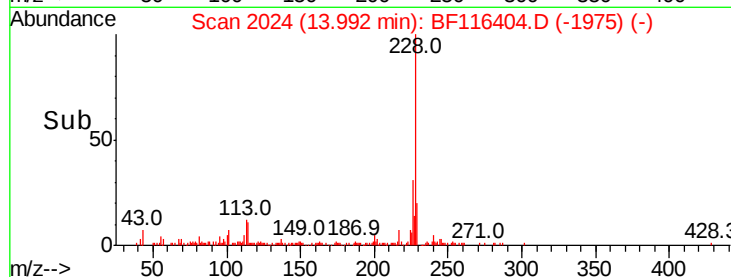
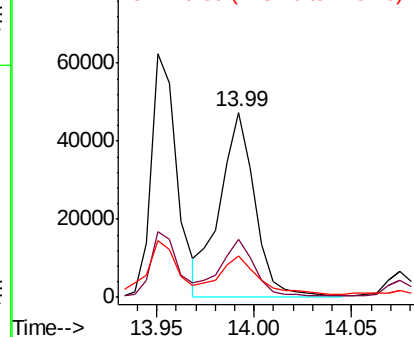


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.225 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF116404.D

Acq: 19 Aug 2019 22:50

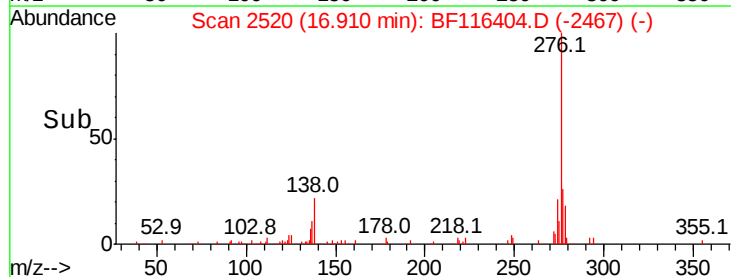
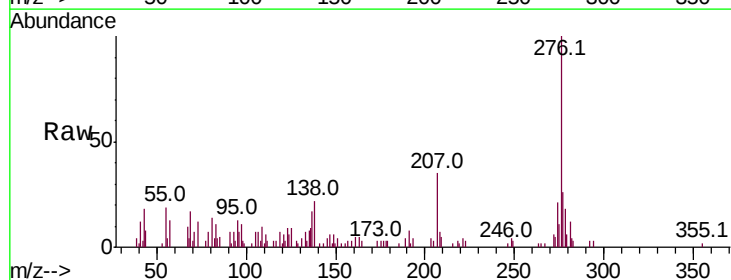
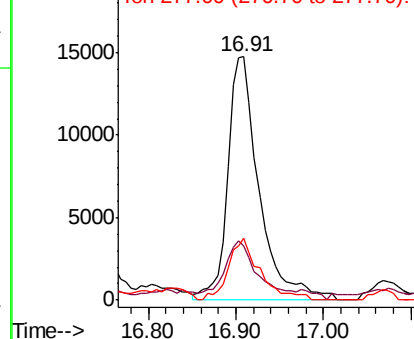
Tgt Ion:	276	Resp:	36298
Ion Ratio	Lower	Upper	
276	100		
138	20.0	20.4	30.6#
277	25.7	20.0	30.0

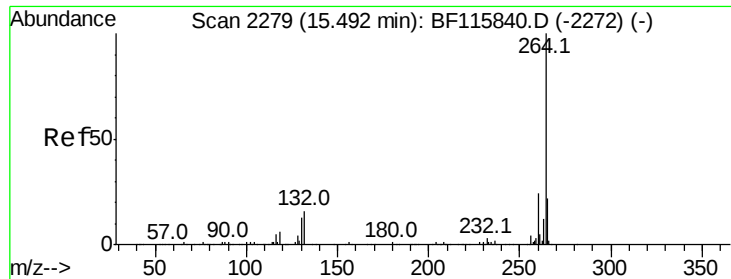
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





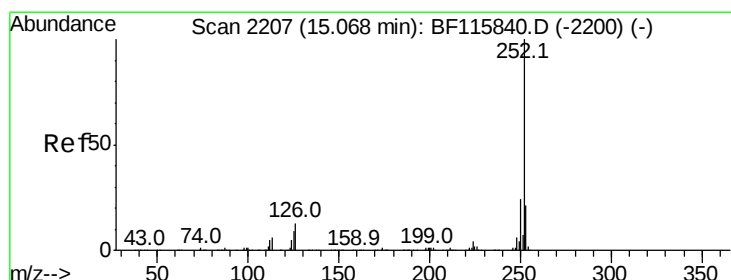
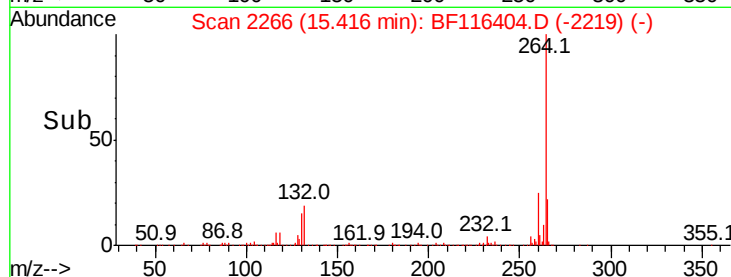
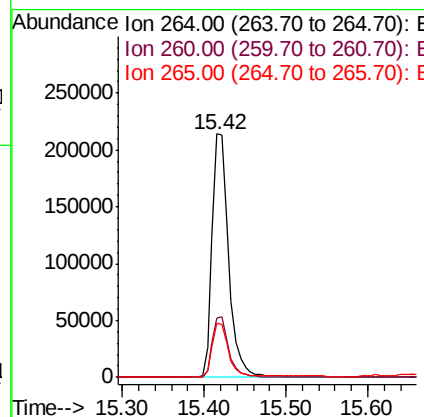
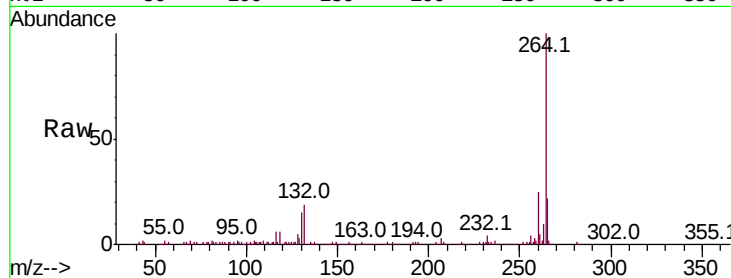
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.4	17.4	26.0

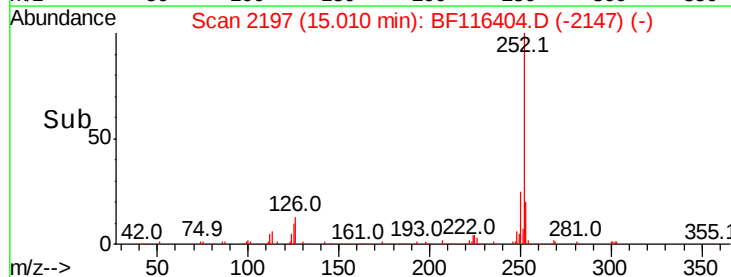
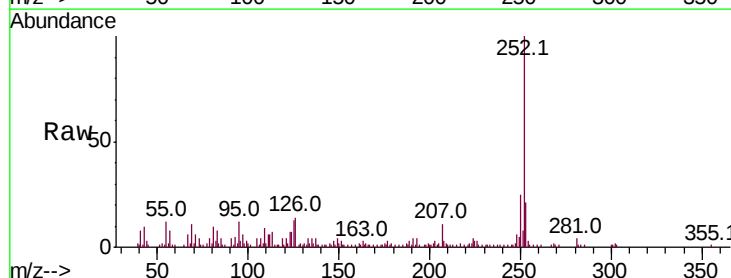
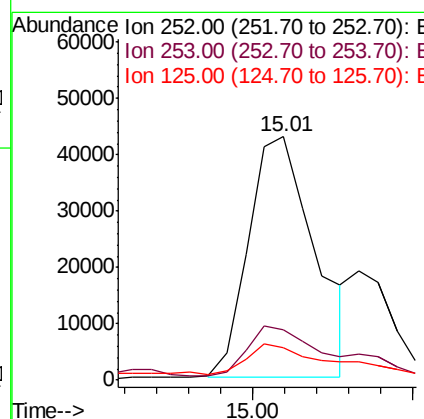
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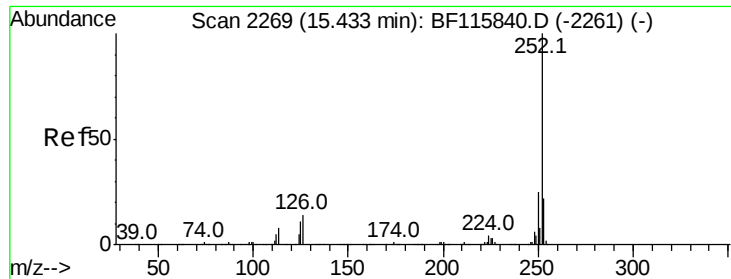
mohammad
8/22/2019 12:45:37 PM



#88
Benzo(b)fluoranthene
Concen: 3.511 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.8
125	13.3	8.4	12.6#





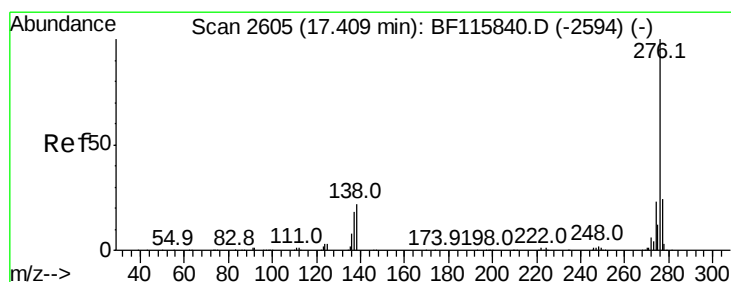
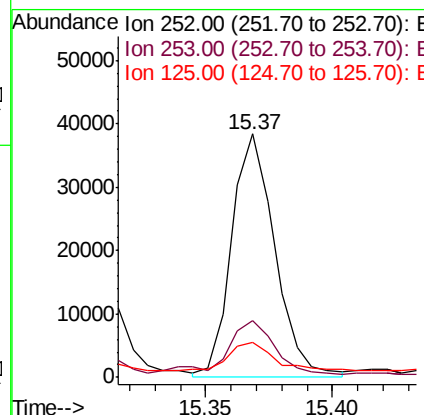
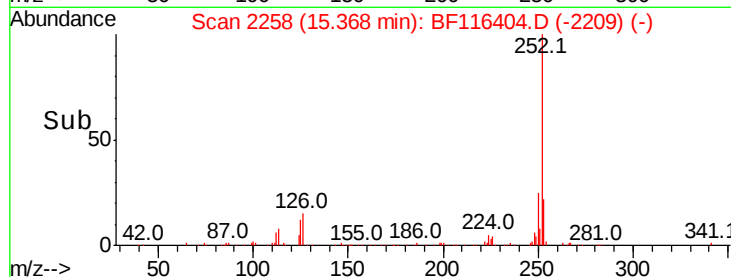
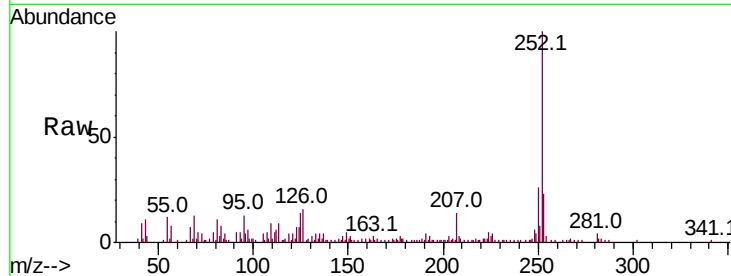
#90
Benzo(a)pyrene
Concen: 2.936 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.4	8.9	13.3

Manual Integrations
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8/22/2019 12:45:37 PM



#92
Benzo(g,h,i)perylene
Concen: 2.746 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BF116404.D
Acq: 19 Aug 2019 22:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.4	27.6
138	26.1	17.0	25.6

