

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116761.D
 Acq On : 1 Sep 2019 23:42
 Operator : HP/JU
 Sample : K4439-02 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-(1-3)

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:55:10 AM

Quant Time: Sep 02 07:05:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104599	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	439202	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	237709	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	366551	20.00	ng	0.00
76) Chrysene-d12	13.99	240	258754	20.00	ng	0.00
87) Perylene-d12	15.45	264	204335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	228189	35.34	ng	0.00
7) Phenol-d6	6.47	99	316898	37.38	ng	-0.01
23) Nitrobenzene-d5	7.40	82	191270	24.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	51727	32.55	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	377304	26.78	ng	-0.01
79) Terphenyl-d14	12.94	244	319525	22.84	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	48195	2.937	ng	Qvalue # 98
71) Phenanthrene	11.39	178	80512	3.946	ng	99
75) Fluoranthene	12.57	202	123708	6.169	ng	96
78) Pyrene	12.80	202	143593	6.243	ng	99
81) Benzo(a)anthracene	13.98	228	89929	5.491	ng	# 95
83) Chrysene	14.02	228	101501	6.016	ng	# 93
86) Indeno(1,2,3-cd)pyrene	16.89	276	31187	2.301	ng	# 91
88) Benzo(b)fluoranthene	15.02	252	107260m	8.682	ng	
89) Benzo(k)fluoranthene	15.05	252	22876m	2.031	ng	
90) Benzo(a)pyrene	15.39	252	57996	5.396	ng	# 93
92) Benzo(g,h,i)perylene	17.33	276	34096	3.554	ng	# 91

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

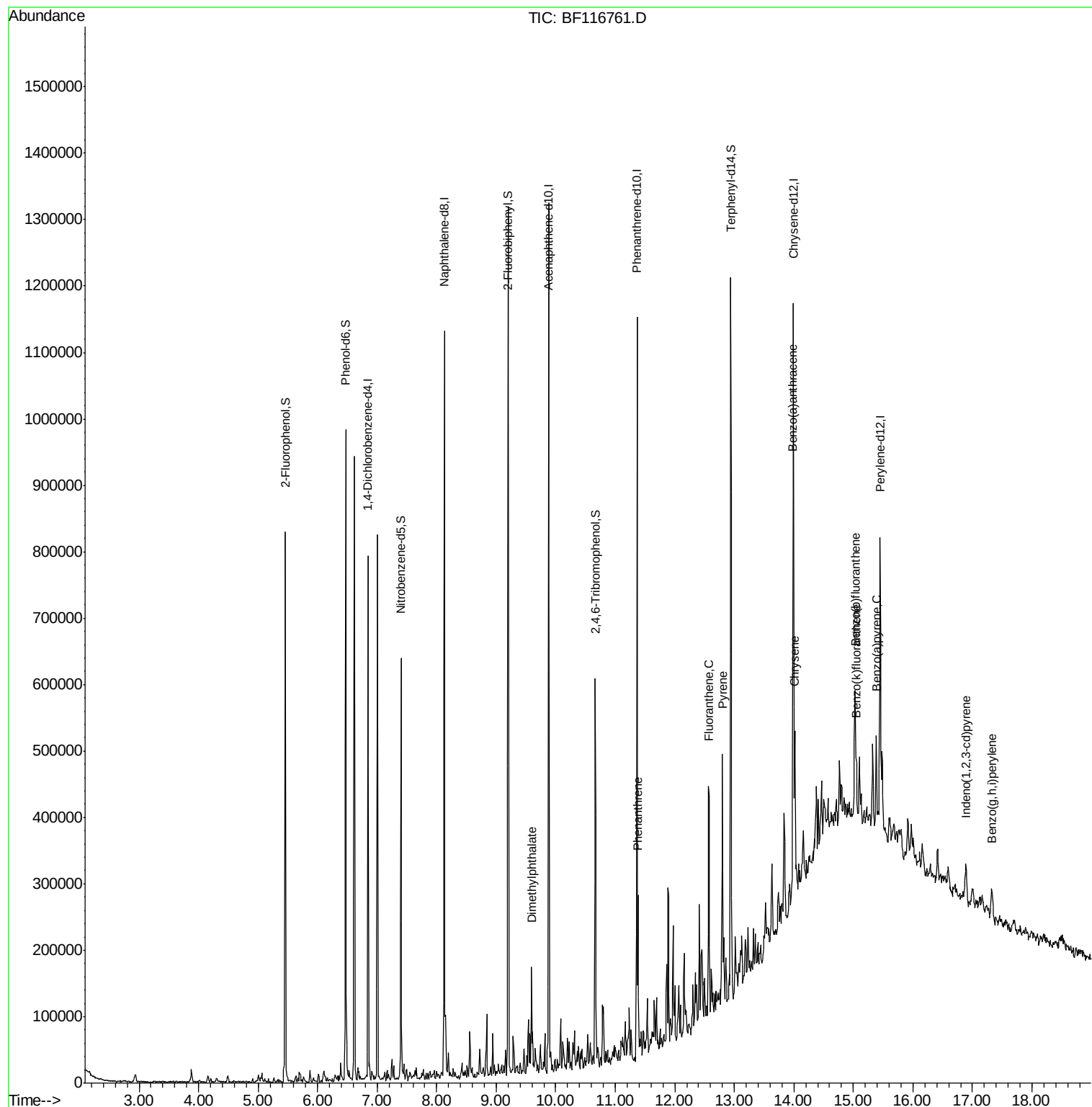
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116761.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

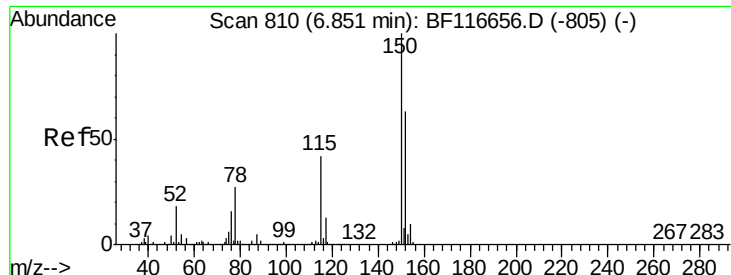
Instrument :
BNA_F
ClientSampled :
S-1-(1-3)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

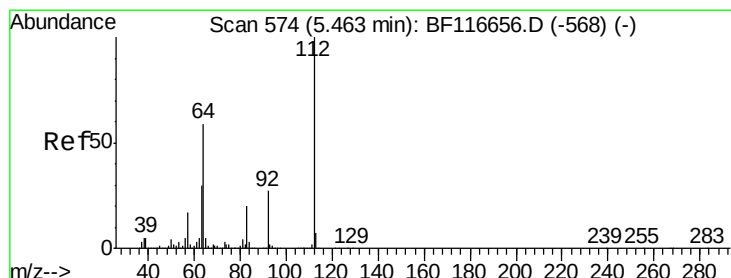
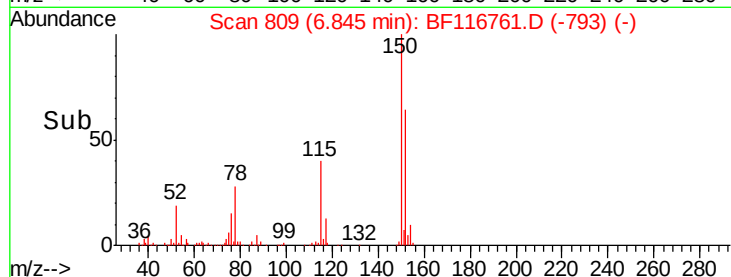
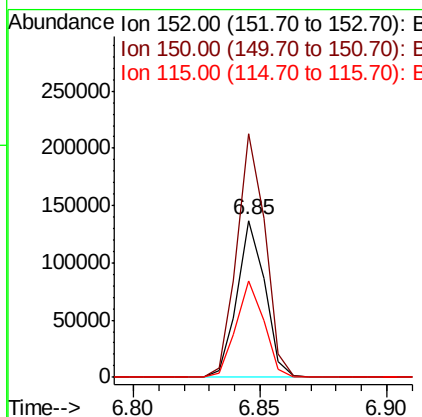
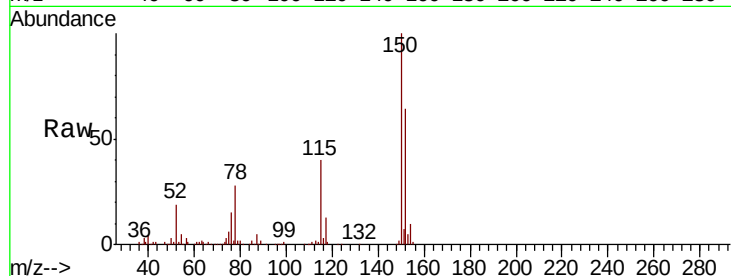
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Instrument :
BNA_F
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.4	186.6
115	61.4	49.9	74.9

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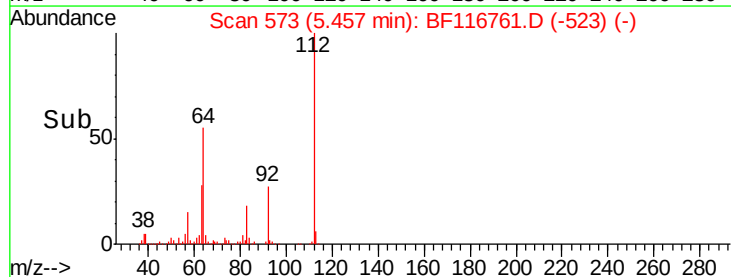
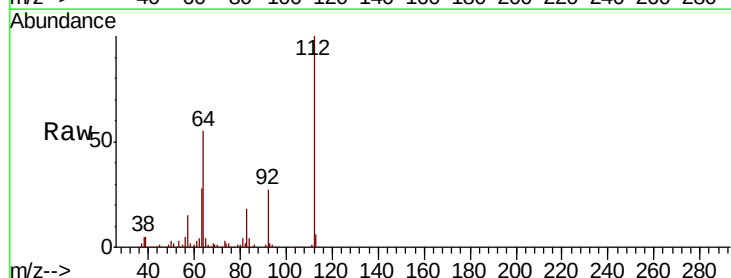
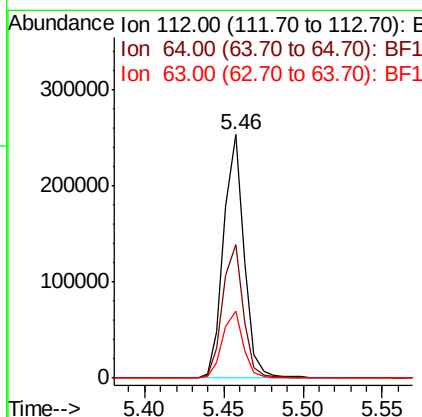
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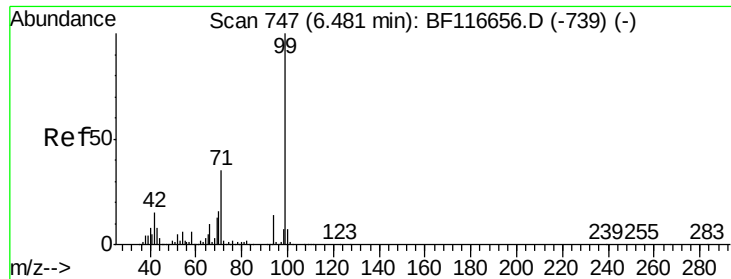


#5

2-Fluorophenol
Concen: 35.343 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.1	70.7
63	27.7	24.9	37.3





#7

Phenol-d6

Concen: 37.378 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Instrument :

BNA_F

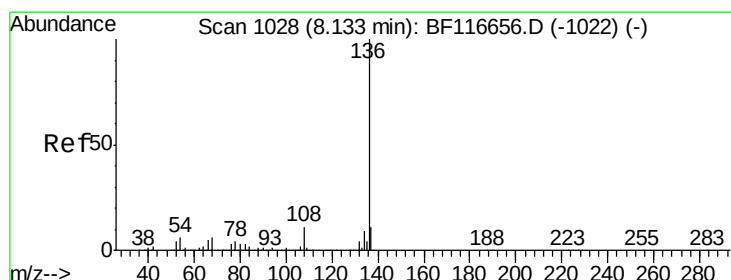
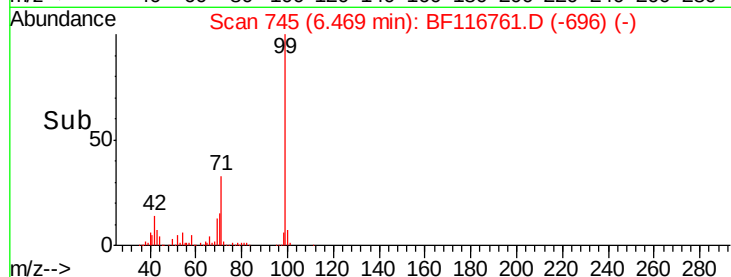
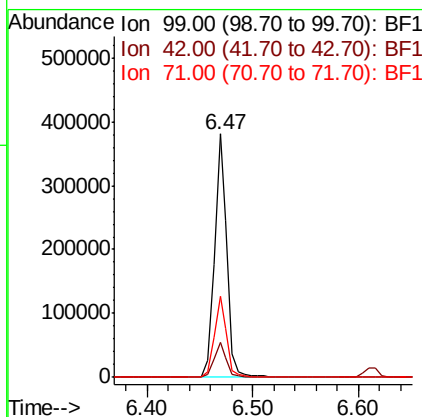
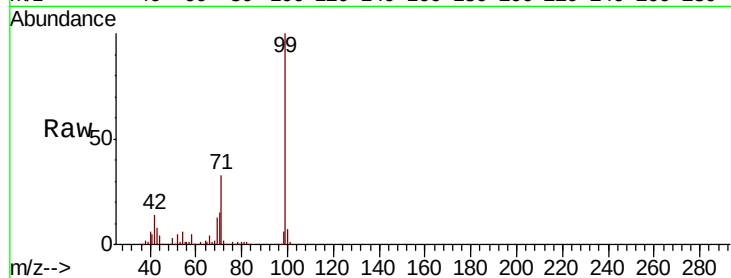
ClientSampled :

S-1-(1-3)

Tot Ion:	99	Resp:	316898
Ion Ratio	Lower	Upper	
99	100		
42	14.1	13.7	20.5
71	33.3	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

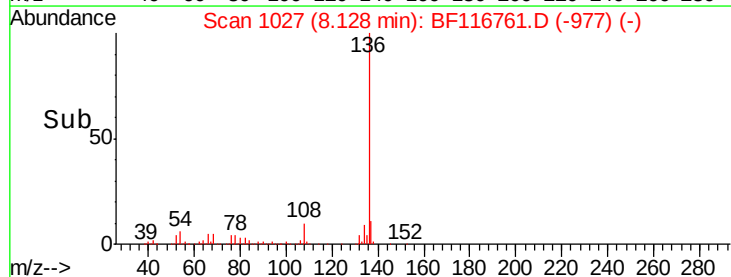
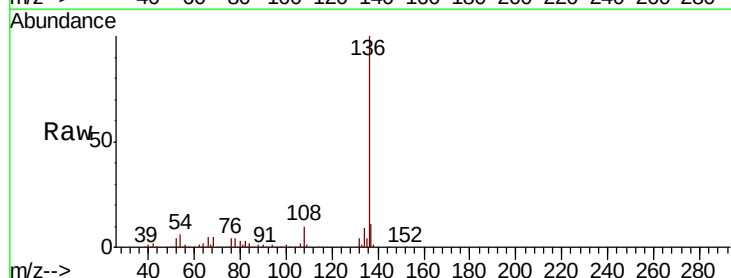
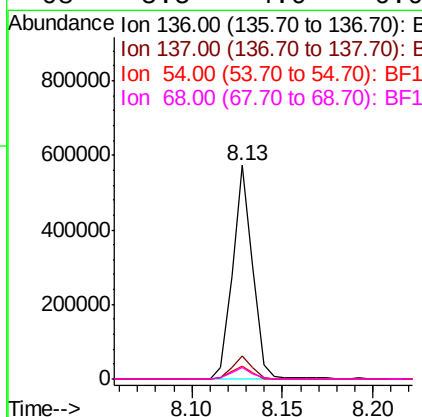
RT: 8.13 min Scan# 1027

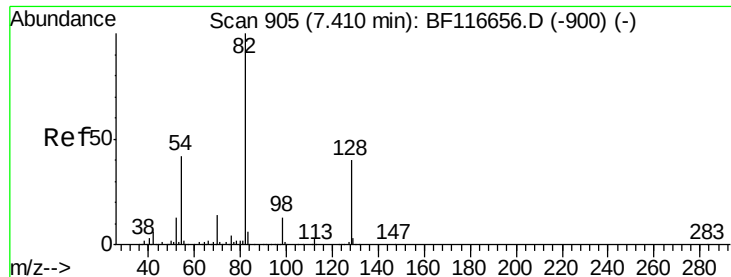
Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Tgt Ion:	136	Resp:	439202
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.3	4.8	7.2
68	5.5	4.0	6.0





#23

Nitrobenzene-d5

Concen: 24.861 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Instrument :

BNA_F

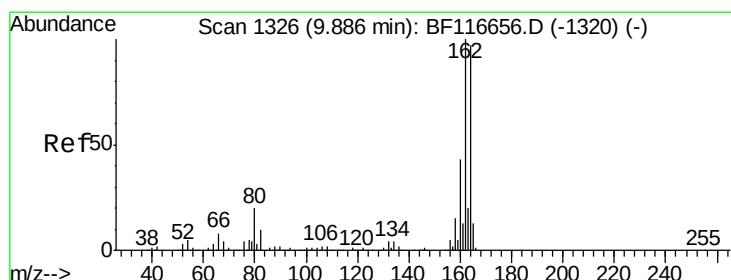
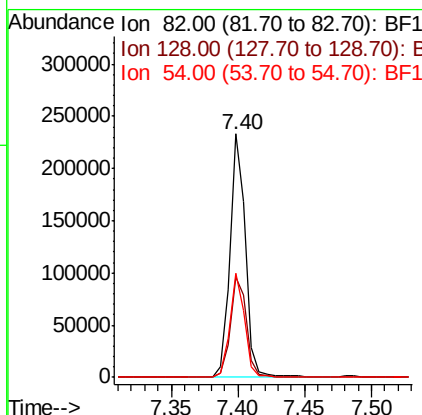
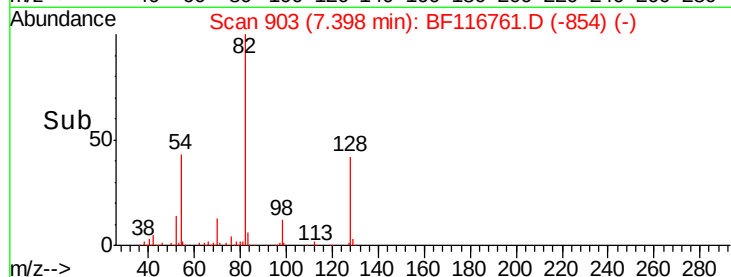
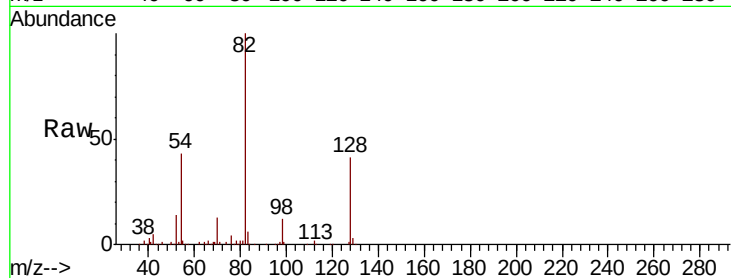
ClientSampleId :

S-1-(1-3)

Tot Ion:	82	Resp:	191270
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.8	49.2
54	42.7	36.9	55.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

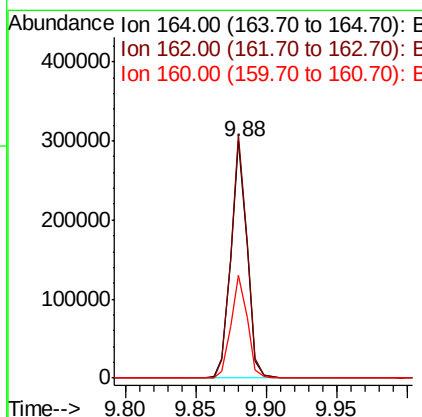
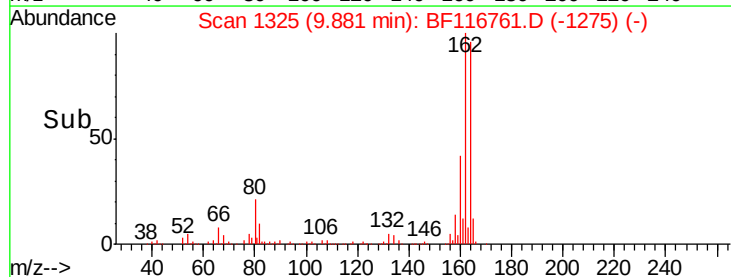
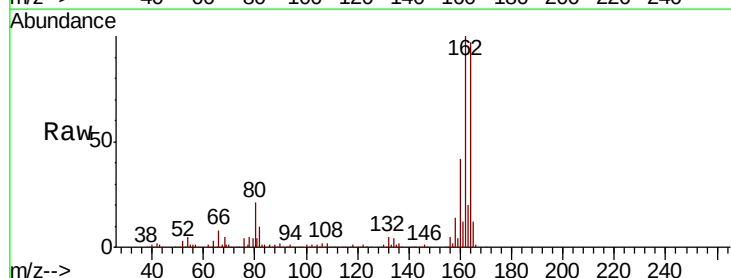
RT: 9.88 min Scan# 1325

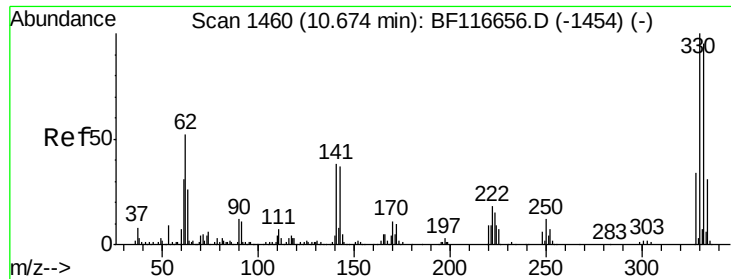
Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Tgt Ion:	164	Resp:	237709
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.4	122.0
160	43.4	35.4	53.2





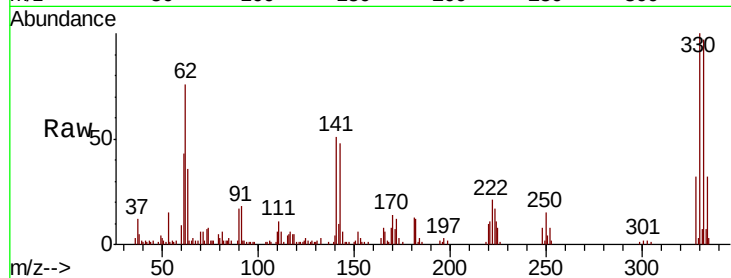
#42
 2,4,6-Tribromophenol
 Concen: 32.550 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116761.D
 Acq: 1 Sep 2019 23:42

Instrument :
 BNA_F
 ClientSampleId :
 S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	46.7	31.4	47.2

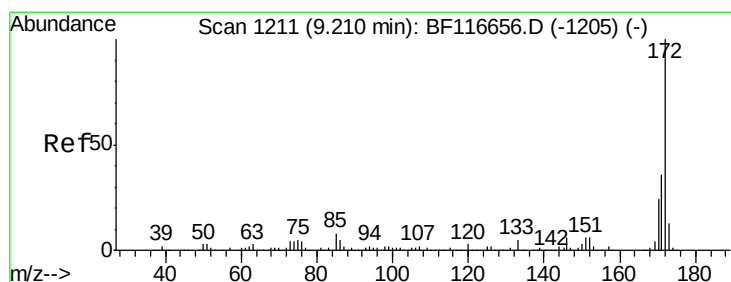
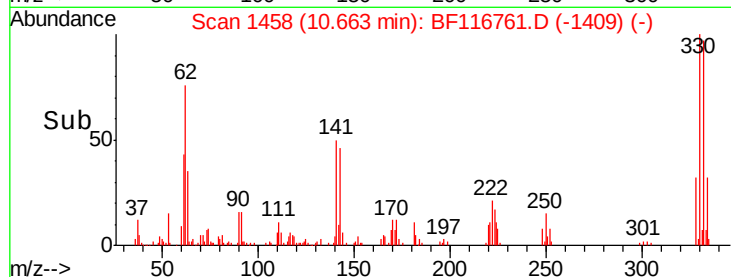
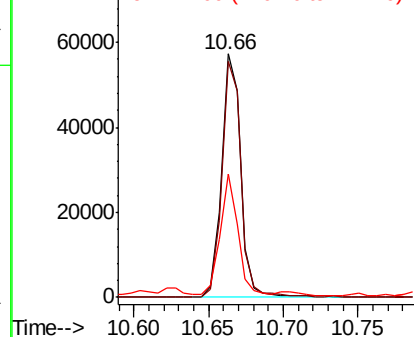
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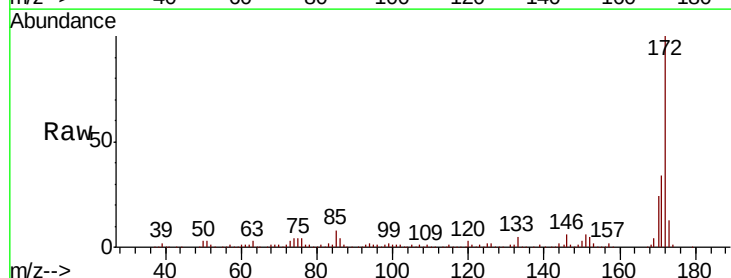
Abundance

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



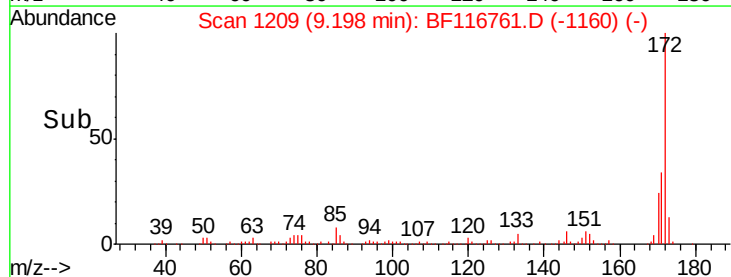
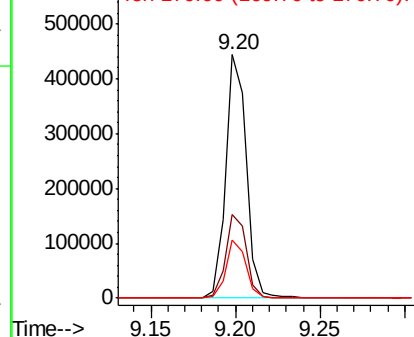
#45
 2-Fluorobiphenyl
 Concen: 26.775 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116761.D
 Acq: 1 Sep 2019 23:42

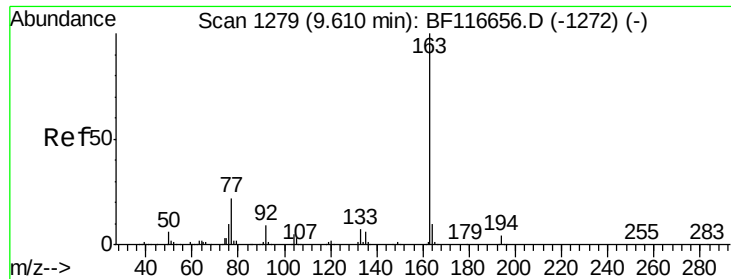
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.8	18.9	28.3



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





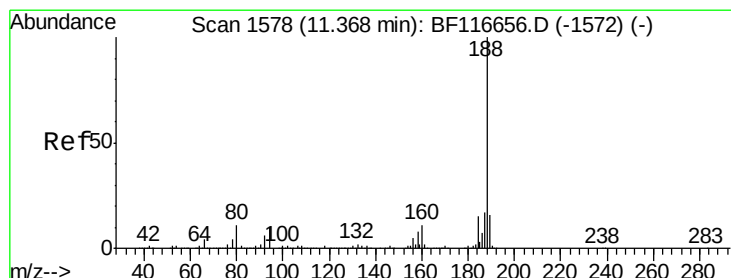
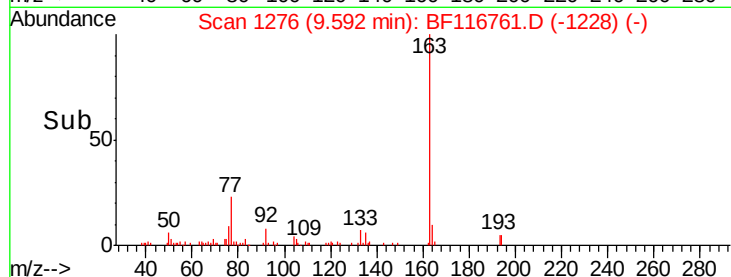
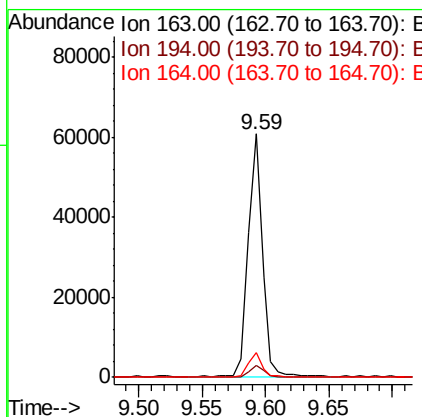
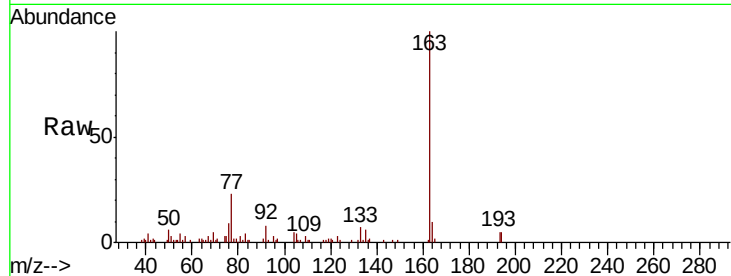
#50
Dimethylphthalate
Concen: 2.937 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Instrument :
BNA_F
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	48195		
194	4.9		2.8	4.2#
164	10.3		8.6	12.8

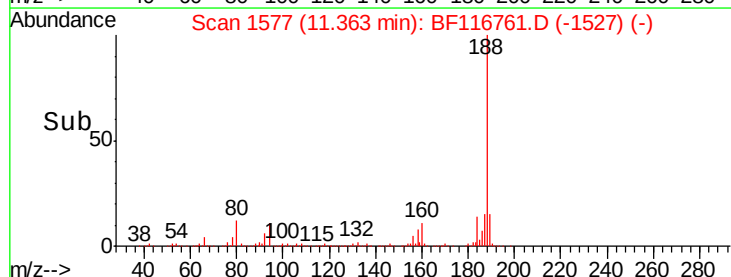
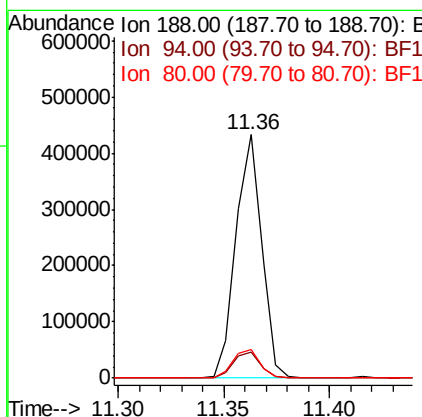
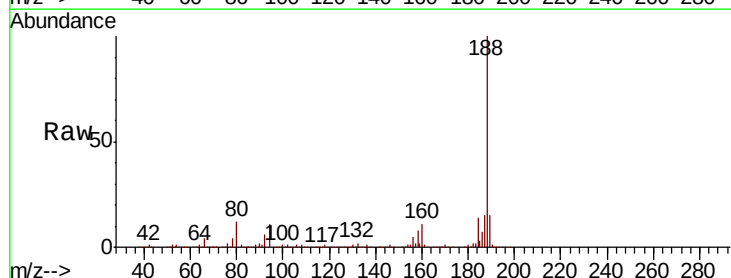
Manual Integrations
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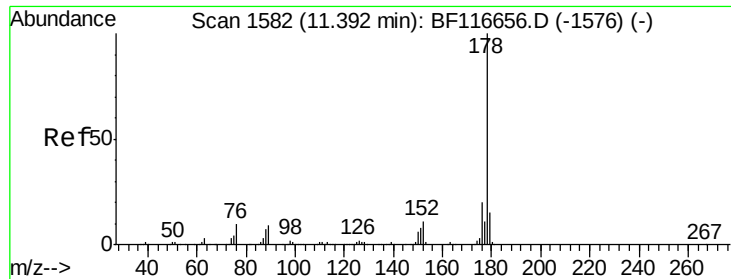
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	366551		
94	10.7		7.3	10.9
80	11.7		8.4	12.6





#71

Phenanthrene

Concen: 3.946 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Instrument :

BNA_F

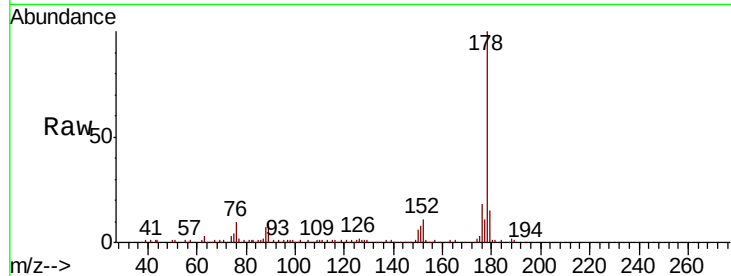
ClientSampleId :

S-1-(1-3)

Tot Ion:	178	Resp:	80512
Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.2	12.2	18.2

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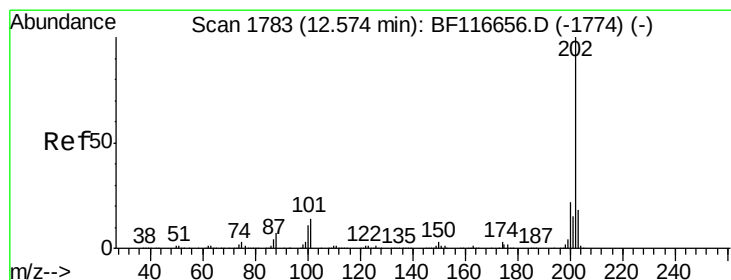
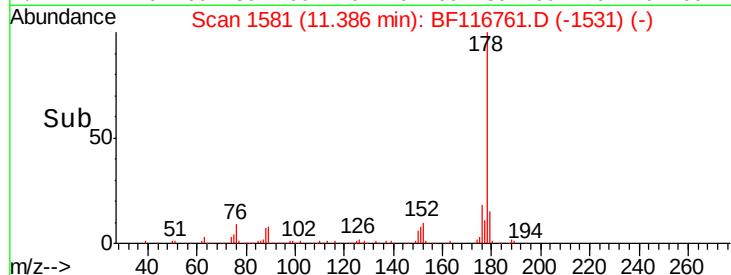
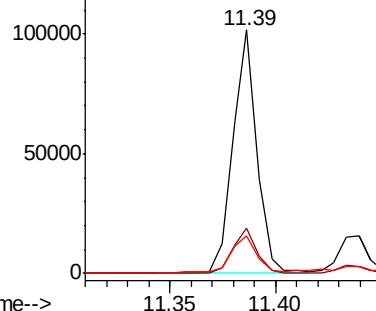


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.169 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

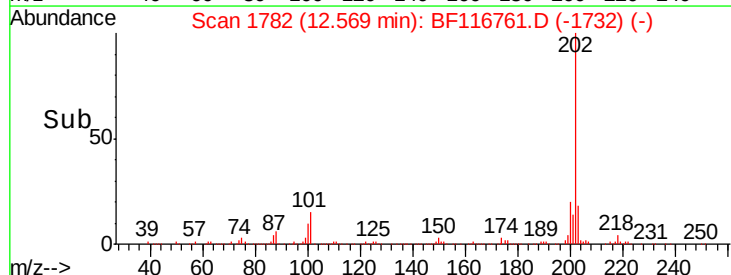
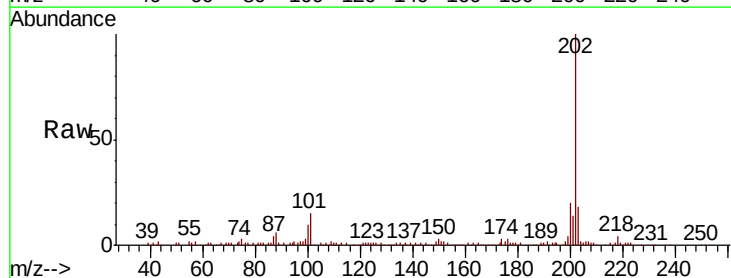
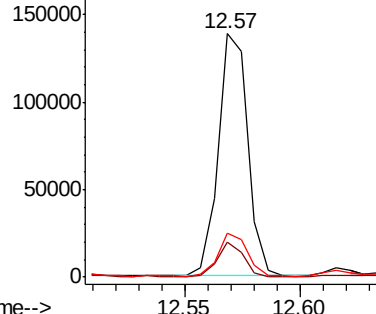
Tgt Ion:	202	Resp:	123708
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.3
203	18.3	0.0	37.6

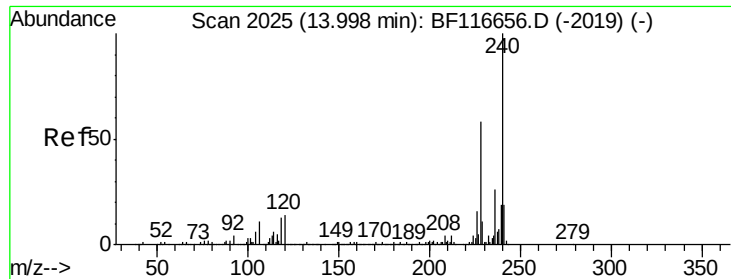
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Instrument :

BNA_F

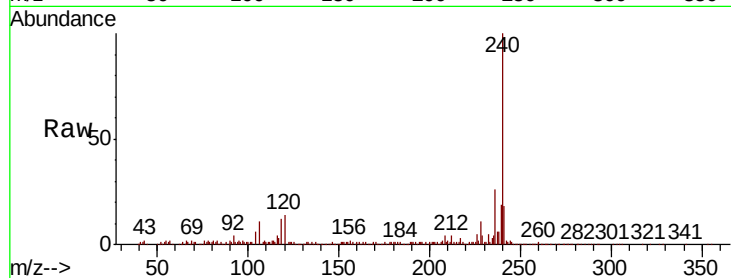
ClientSampleId :

S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.1	13.7#
236	26.1	21.1	31.7

Manual Integrations
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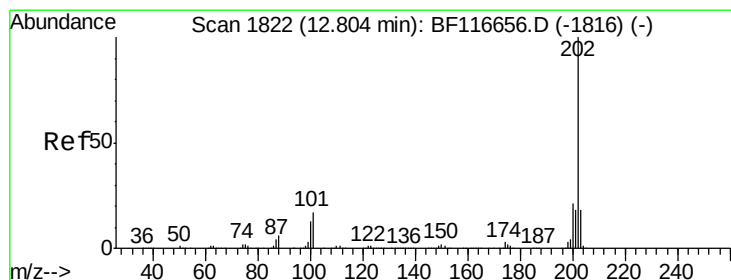
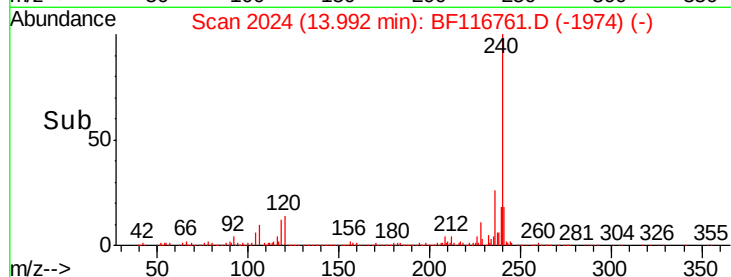
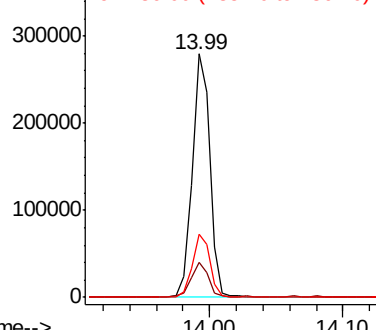


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 6.243 ng

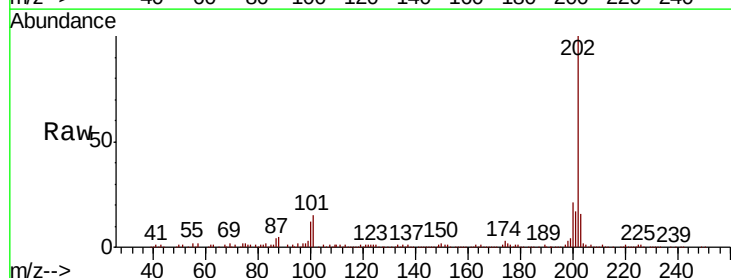
RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF116761.D

Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	16.3	13.7	20.5

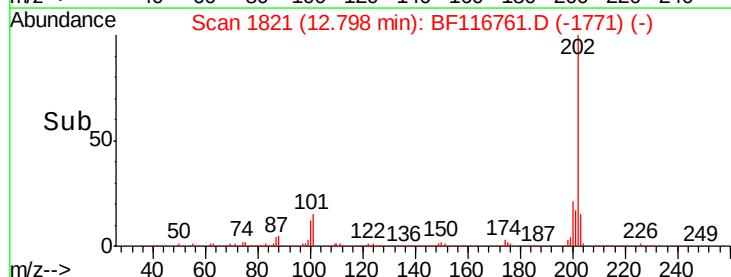
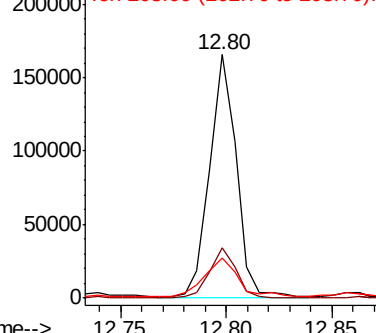


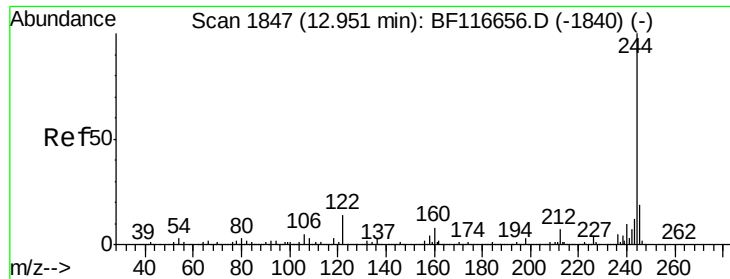
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





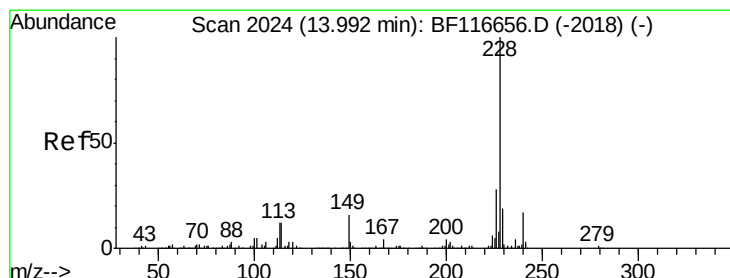
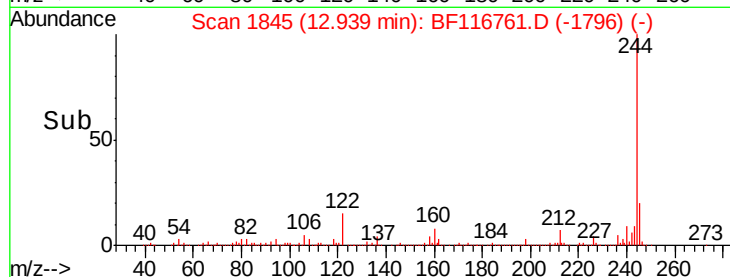
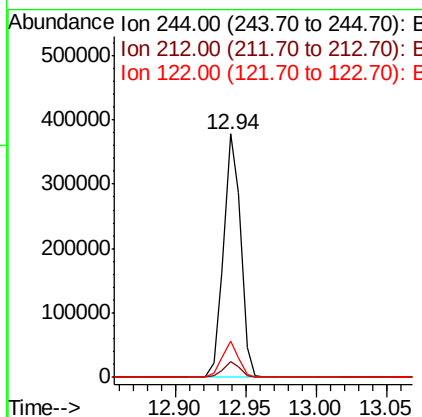
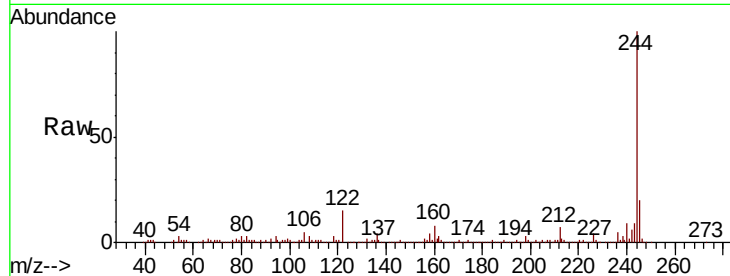
#79
 Terphenyl-d14
 Concen: 22.844 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116761.D
 Acq: 1 Sep 2019 23:42

Instrument :
 BNA_F
 ClientSampled :
 S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	15.1	10.2	15.4

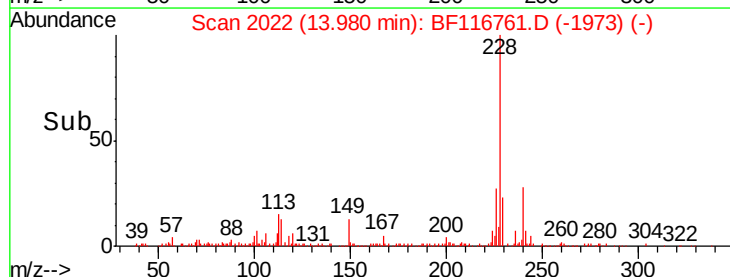
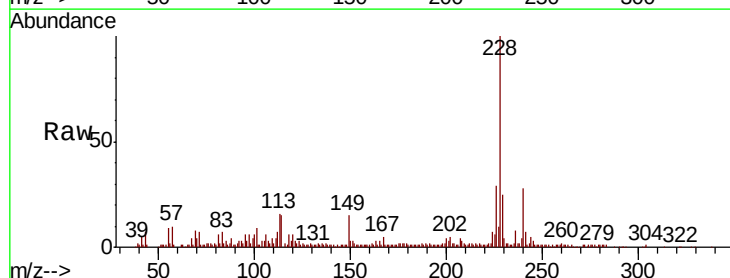
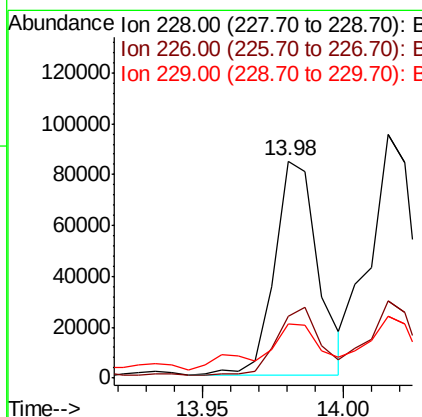
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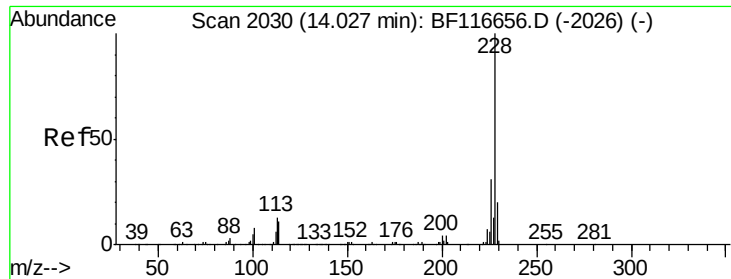
mohammad
 9/5/2019 9:55:10 AM



#81
 Benzo(a)anthracene
 Concen: 5.491 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116761.D
 Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.0	33.0
229	24.9	16.4	24.6





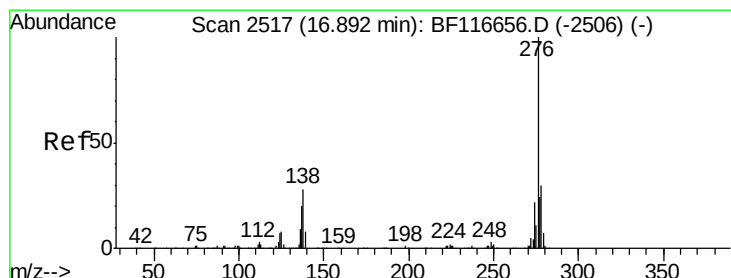
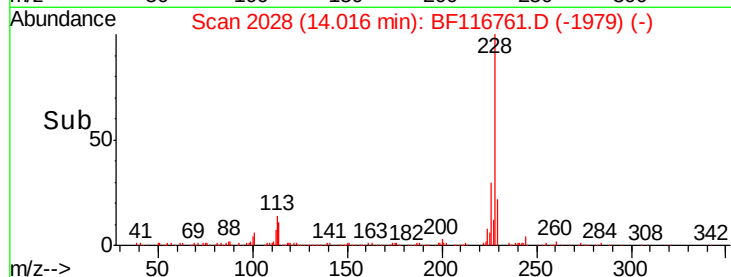
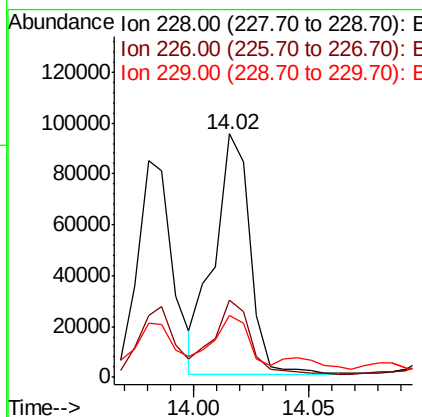
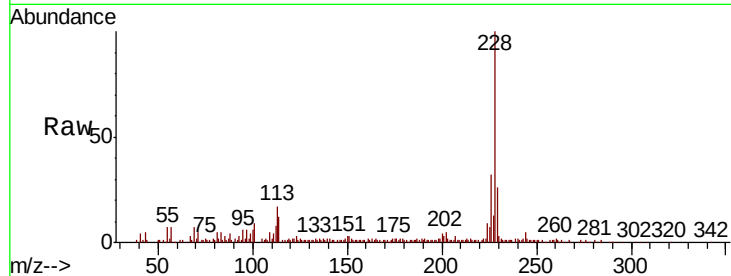
#83
Chrysene
Concen: 6.016 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Instrument :
BNA_F
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
228	100	101501		
226	31.6	24.0	36.0	
229	25.5	15.4	23.0	

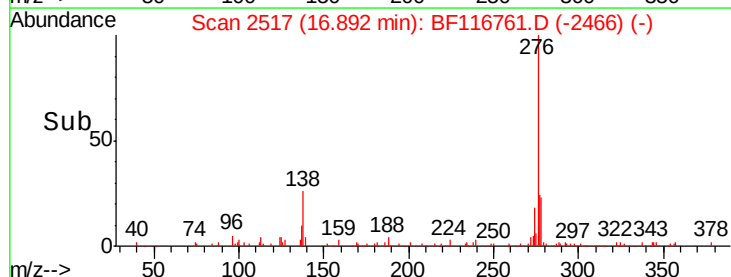
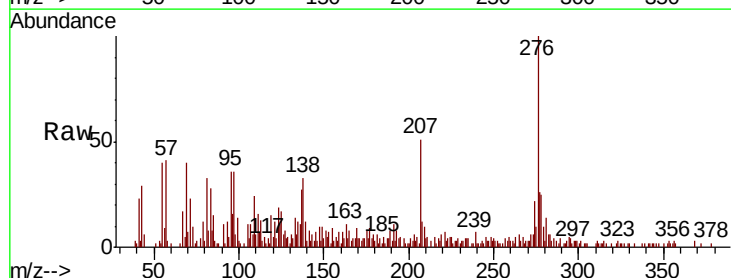
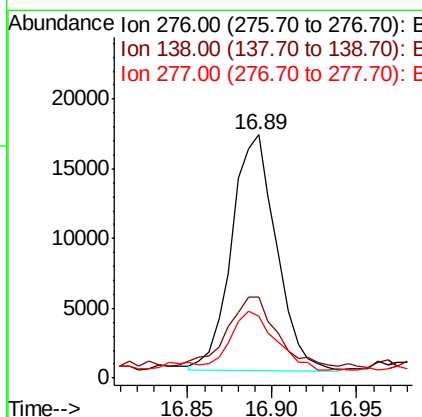
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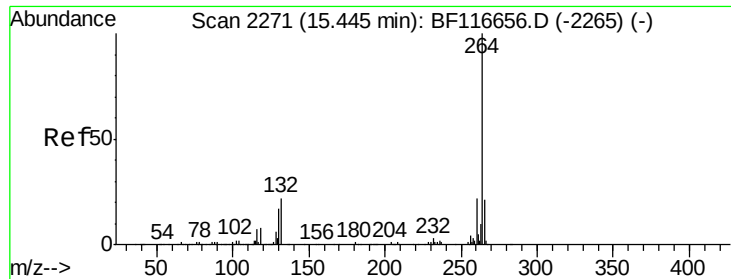
mohammad
9/5/2019 9:55:10 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.301 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	31187		
138	32.0	19.4	29.2	
277	24.7	20.5	30.7	





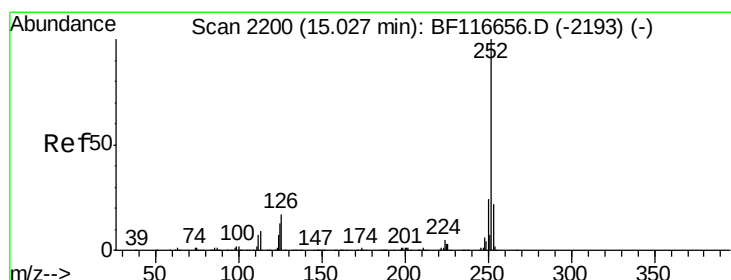
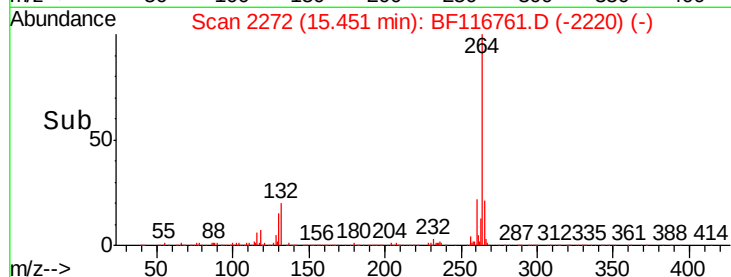
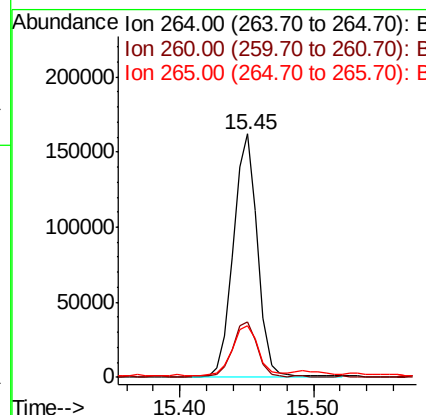
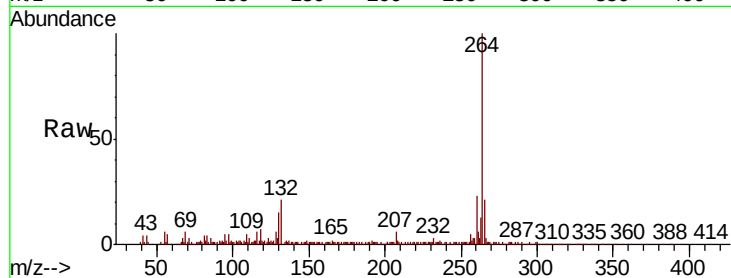
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Instrument :
BNA_F
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.3	16.5	24.7

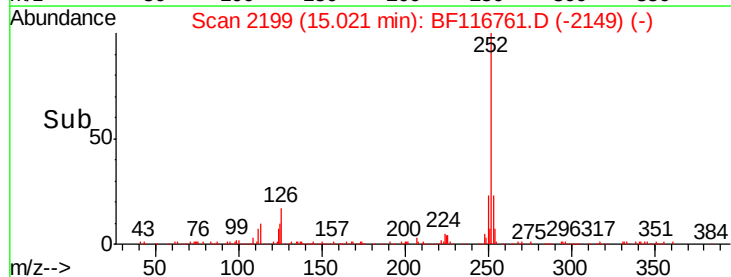
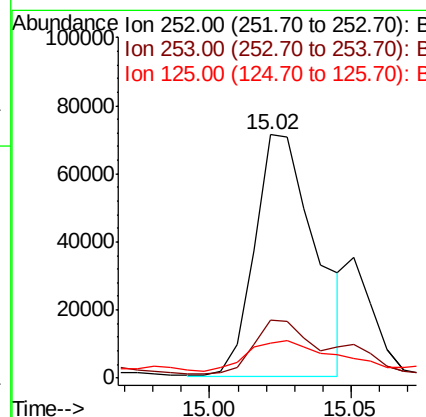
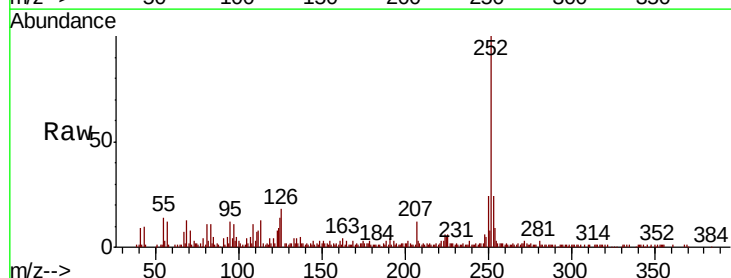
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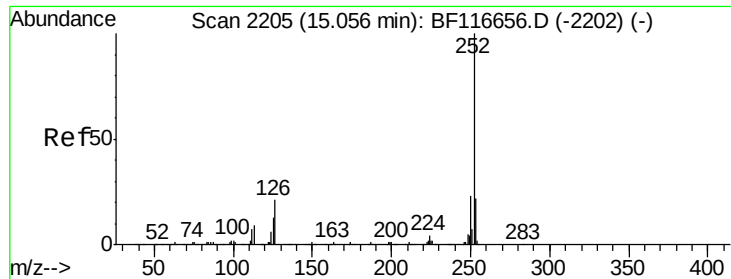
mohammad
9/5/2019 9:55:10 AM



#88
Benzo(b)fluoranthene
Concen: 8.682 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	14.4	8.2	12.2#





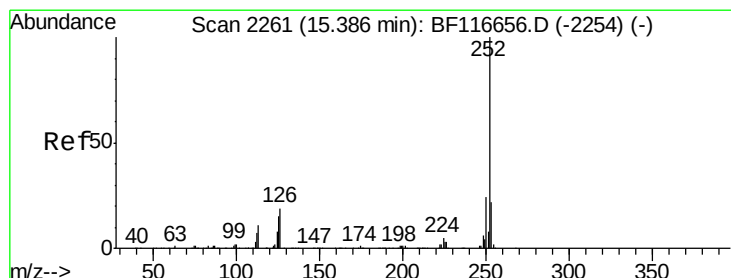
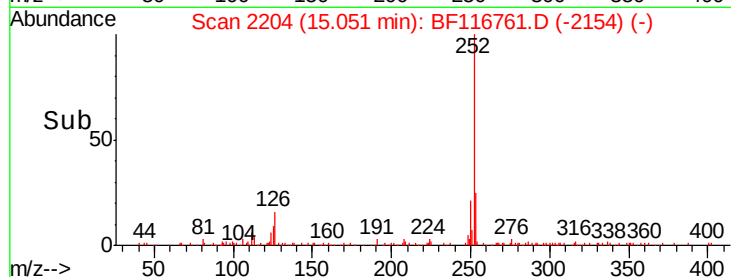
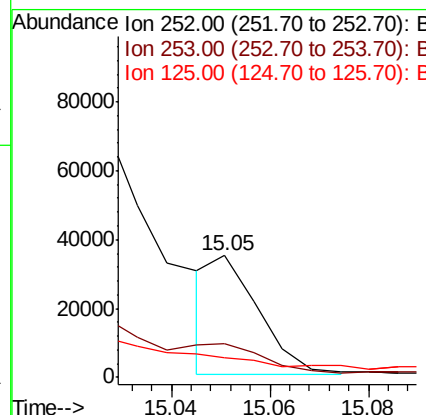
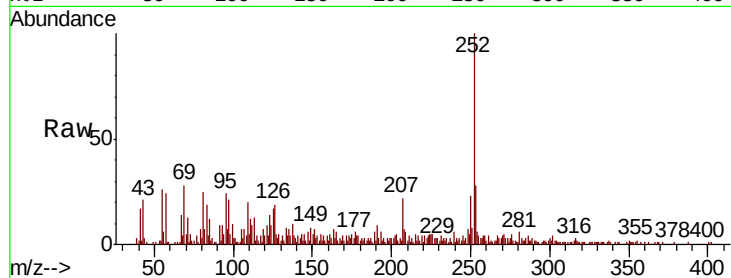
#89
Benzo(k)fluoranthene
Concen: 2.031 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Instrument :
BNA_F
ClientSampleId :
S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.7	26.5#
125	16.6	8.6	13.0#

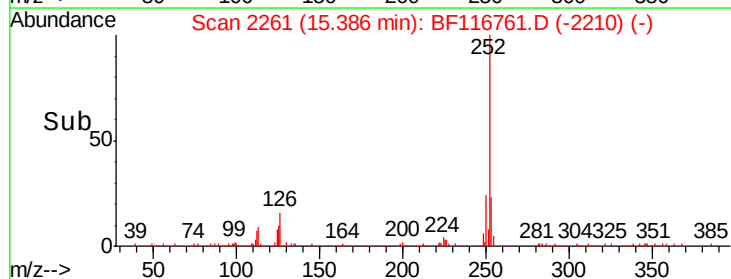
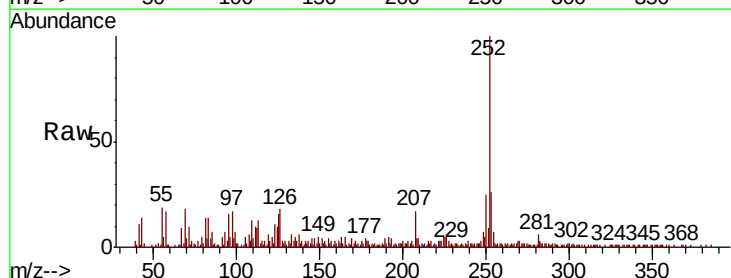
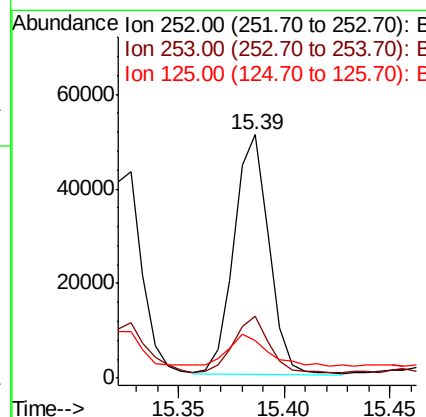
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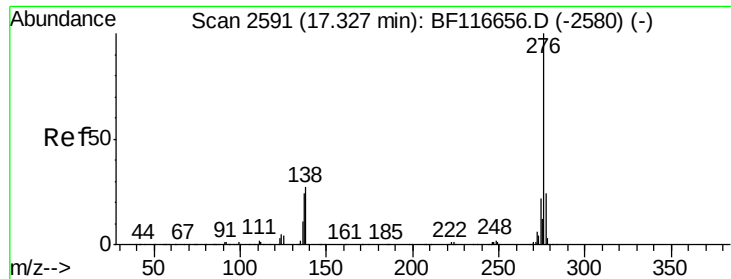
mohammad
9/5/2019 9:55:10 AM



#90
Benzo(a)pyrene
Concen: 5.396 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116761.D
Acq: 1 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	15.7	9.8	14.8#





#92
 Benzo(a,h,i)perylene
 Concen: 3.554 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BF116761.D
 Acq: 1 Sep 2019 23:42

Instrument :
 BNA_F
 ClientSampleId :
 S-1-(1-3)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	28.3	16.2	24.2#

Manual Integrations
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mohammad
 9/5/2019 9:55:10 AM

