

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115669.D
 Acq On : 19 Jul 2019 11:40
 Operator : HP/JU
 Sample : K3835-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:01:12 AM

Quant Time: Jul 19 15:06:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210862	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	826743	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	388645	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	645747	20.00	ng	0.00
76) Chrysene-d12	14.04	240	393029	20.00	ng	0.00
87) Perylene-d12	15.52	264	411823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1006242	78.06	ng	0.00
7) Phenol-d6	6.51	99	1336833	81.73	ng	0.00
23) Nitrobenzene-d5	7.44	82	846304	59.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	322969	71.19	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1471967	66.29	ng	-0.01
79) Terphenyl-d14	12.99	244	1244081	58.41	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.63	163	532541	18.212	ng	98
71) Phenanthrene	11.43	178	211820	6.399	ng	95
75) Fluoranthene	12.62	202	434585	12.424	ng	99
78) Pyrene	12.84	202	400335	12.022	ng	96
81) Benzo(a)anthracene	14.03	228	221493	8.554	ng	98
83) Chrysene	14.07	228	239217	9.203	ng	96
86) Indeno(1,2,3-cd)pyrene	17.00	276	131999	5.977	ng	96
88) Benzo(b)fluoranthene	15.09	252	331699m	12.508	ng	
89) Benzo(k)fluoranthene	15.11	252	98149m	4.151	ng	
90) Benzo(a)pyrene	15.45	252	204699	8.981	ng	98
92) Benzo(g,h,i)perylene	17.44	276	146750	7.354	ng	97

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

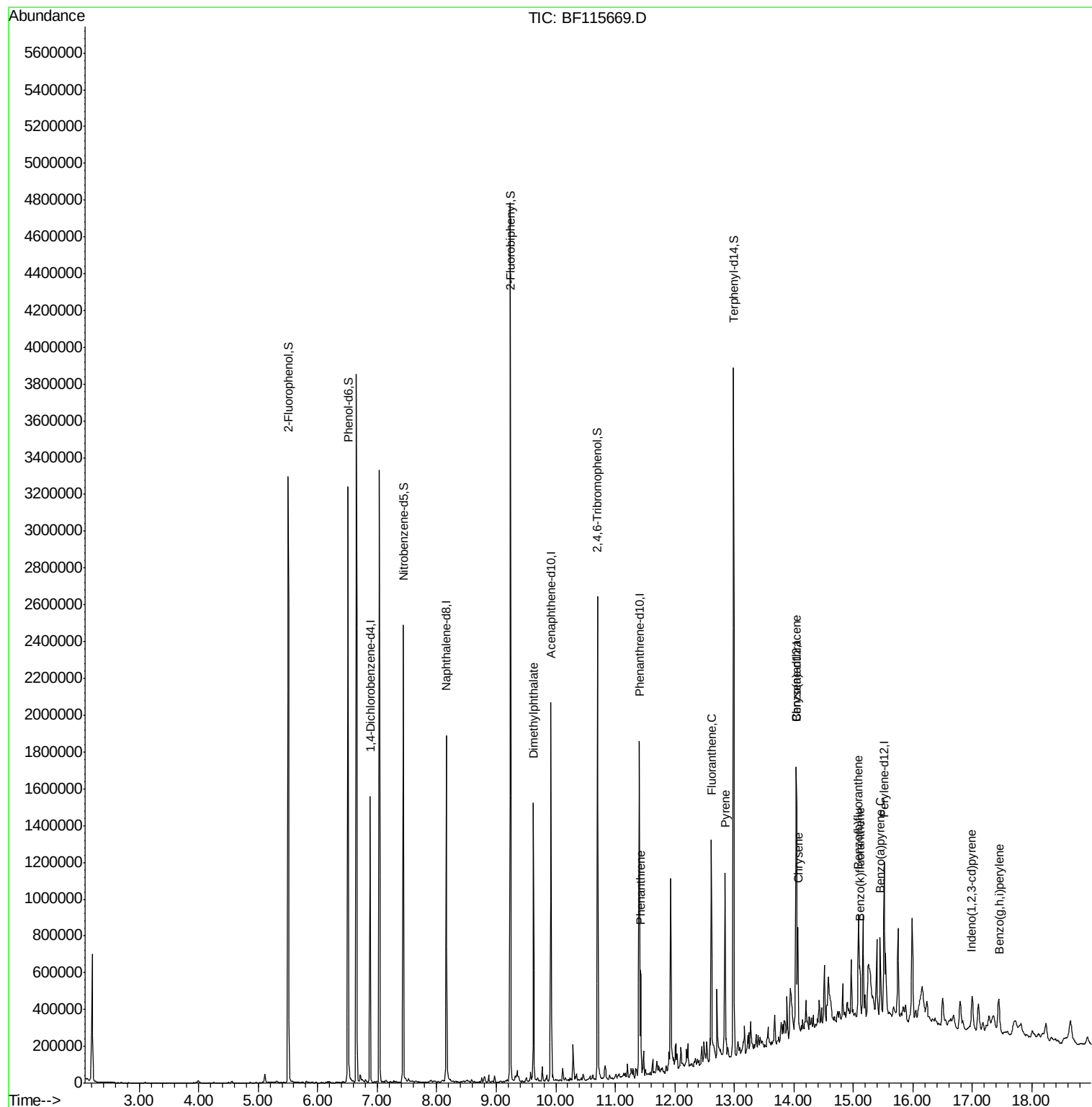
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115669.D
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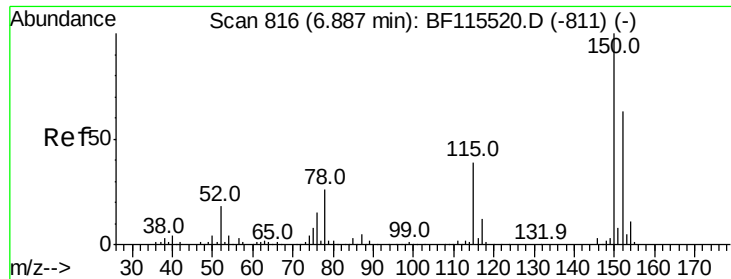
Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

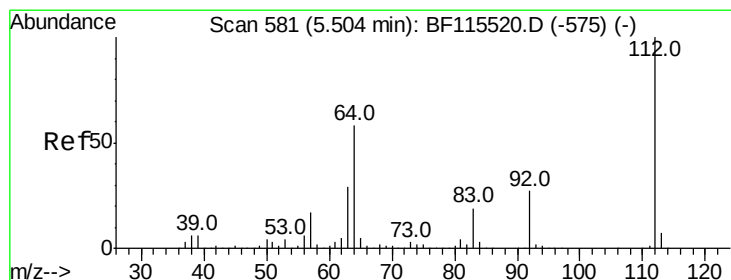
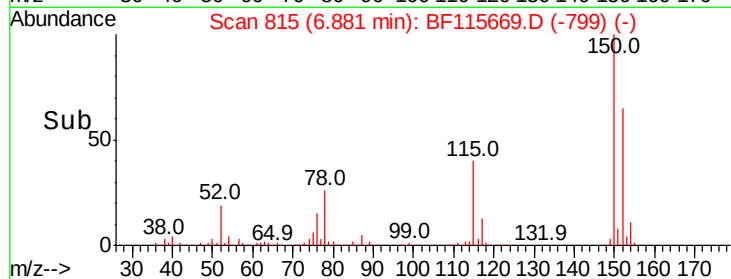
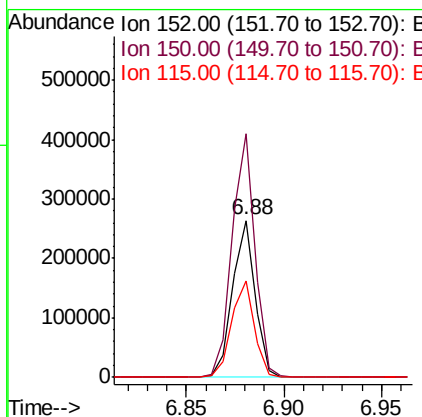
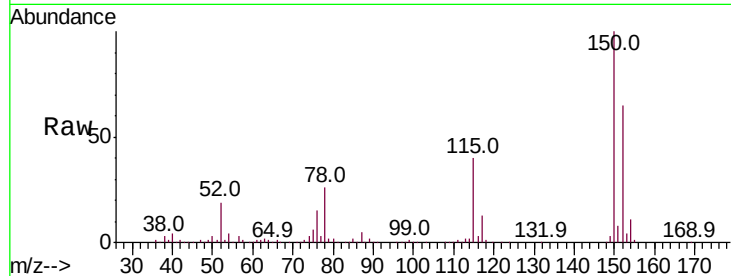
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	129.7	194.5
115	61.3	48.2	72.4

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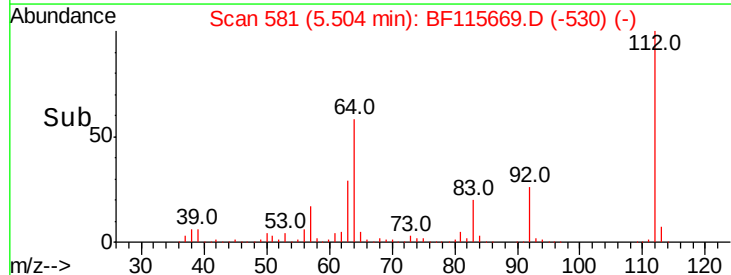
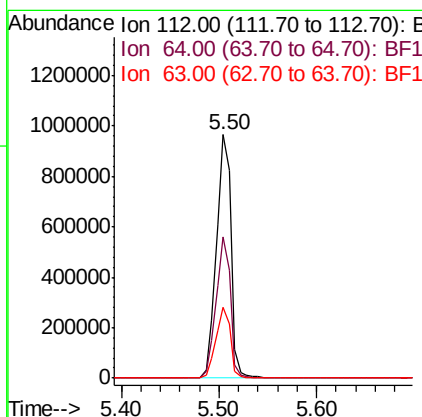
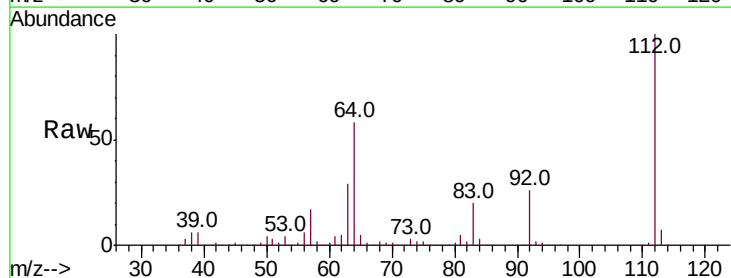
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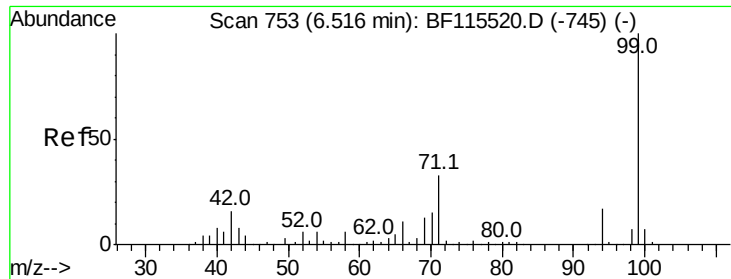


#5

2-Fluorophenol
Concen: 78.057 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.8	70.2
63	29.4	24.1	36.1





#7

Phenol-d6

Concen: 81.727 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SB-7(0-2)

Tot Ion: 99 Resp: 1336833

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

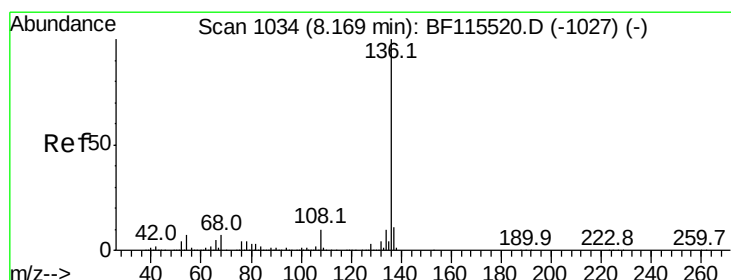
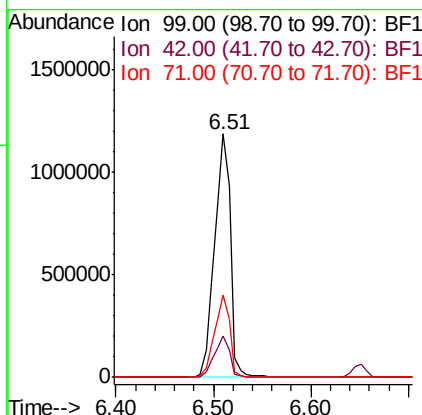
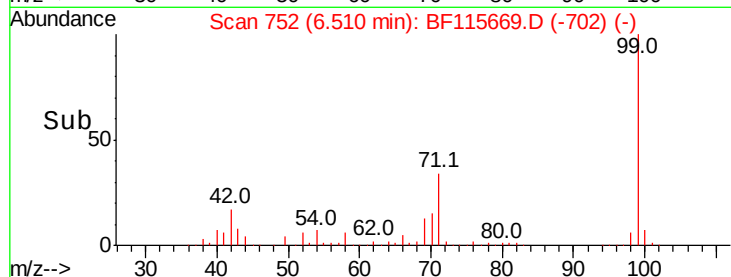
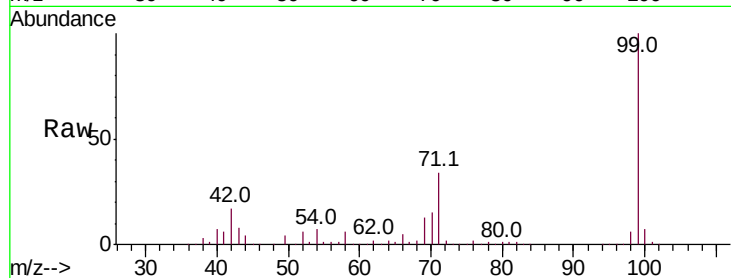
71 33.9 28.5 42.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Tgt Ion: 136 Resp: 826743

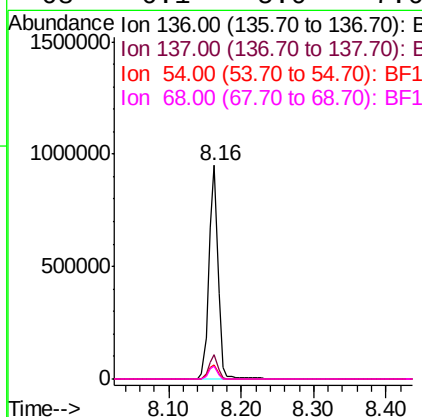
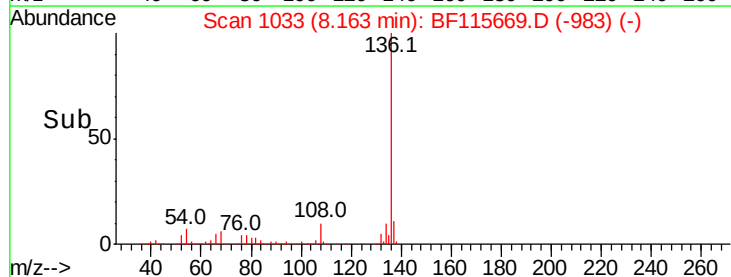
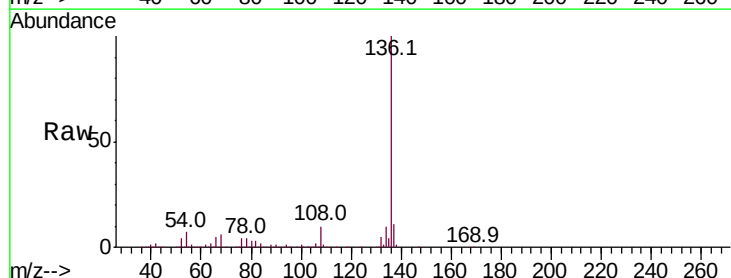
Ion Ratio Lower Upper

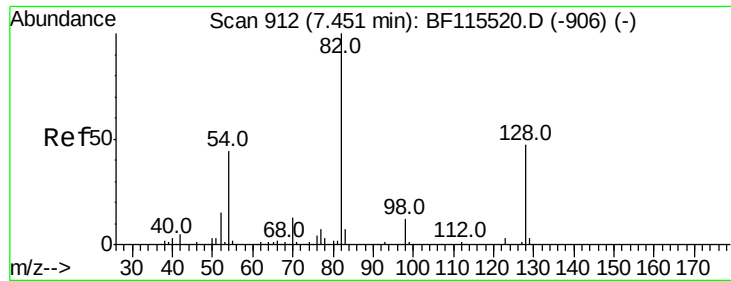
136 100

137 11.1 9.0 13.4

54 6.6 5.6 8.4

68 6.1 5.0 7.6





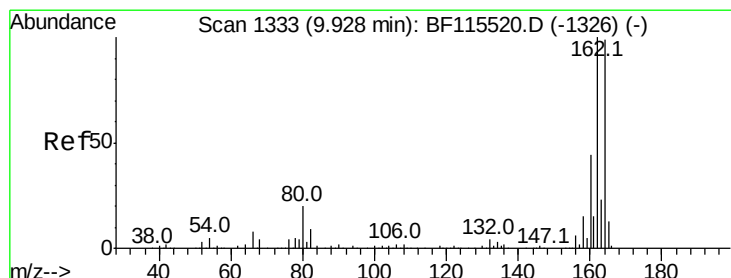
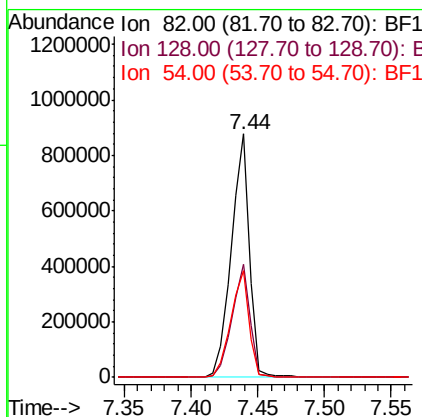
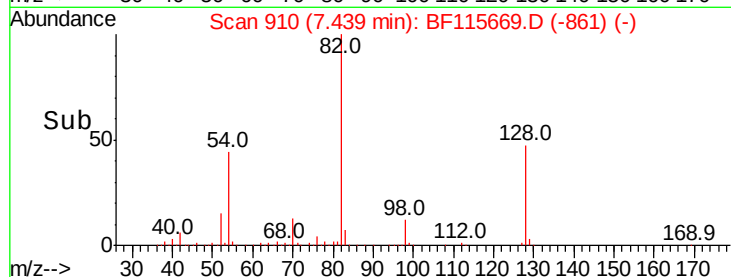
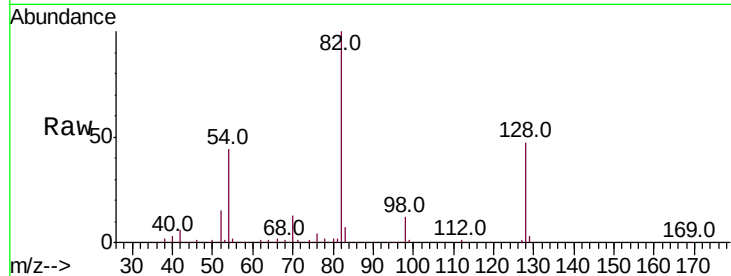
#23
Nitrobenzene-d5
Concen: 59.522 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	44.0	35.6	53.4

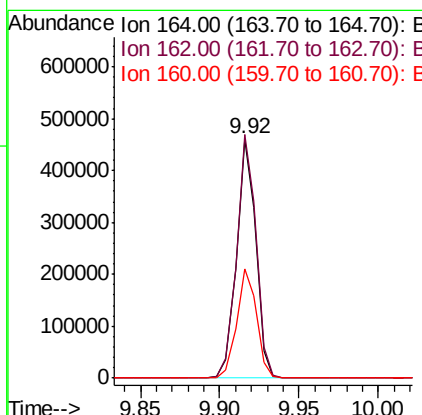
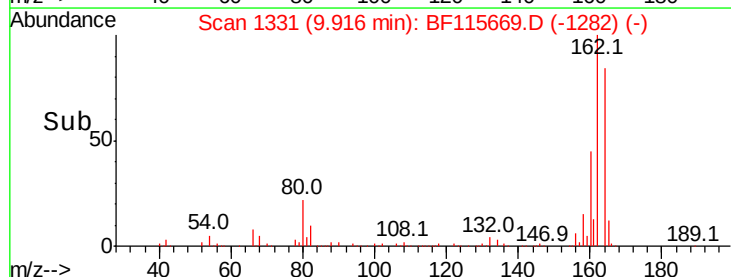
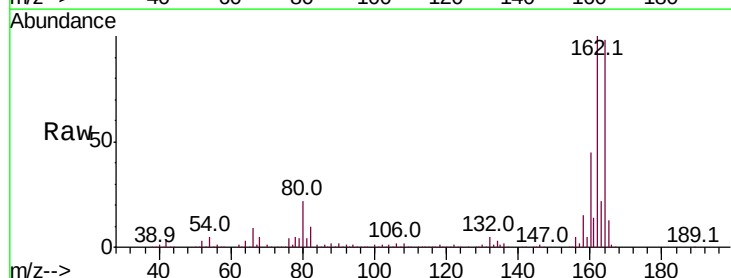
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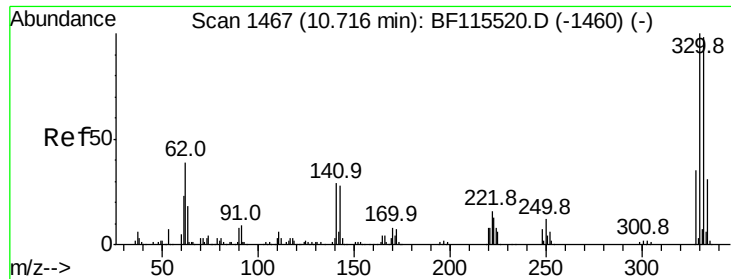
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.9	124.3
160	45.7	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 71.195 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Instrument :

BNA_F

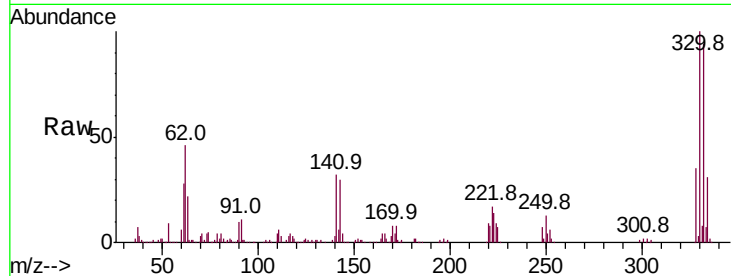
ClientSampleId :

SB-7(0-2)

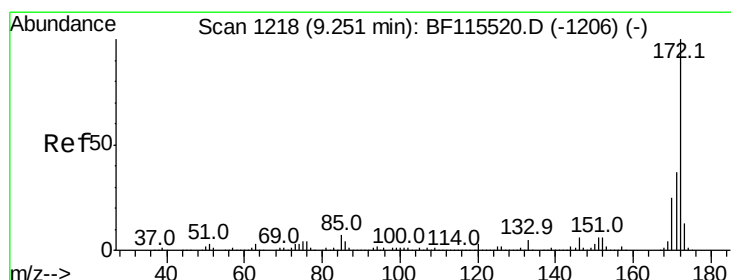
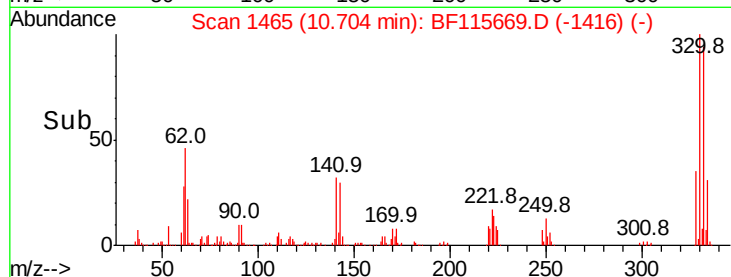
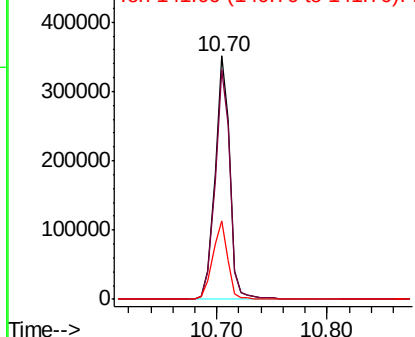
Tot Ion:	330	Resp:	322969
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.2
141	32.8	22.4	33.6

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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: 66.291 ng

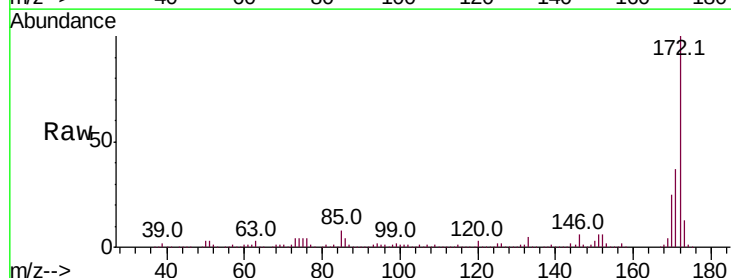
RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

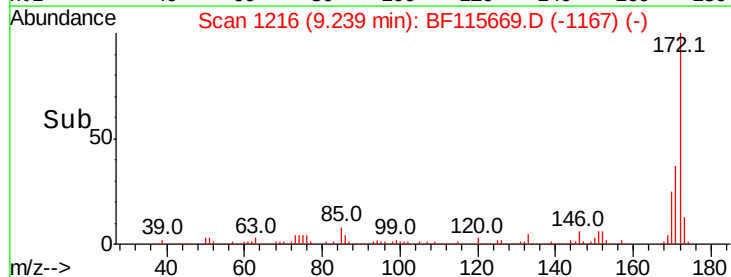
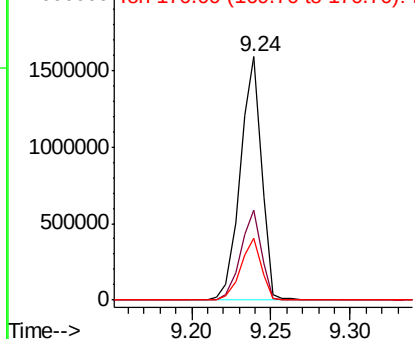
Lab File: BF115669.D

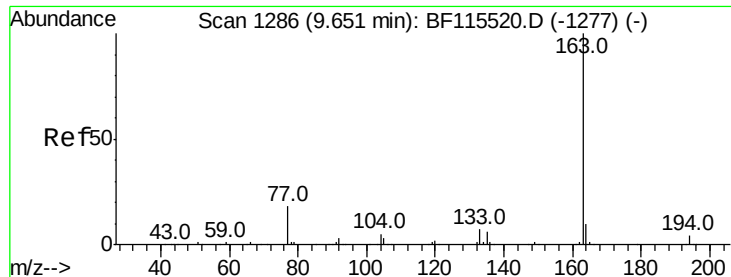
Acq: 19 Jul 2019 11:40

Tgt Ion:	172	Resp:	1471967
Ion Ratio	Lower	Upper	
172	100		
171	36.7	30.6	46.0
170	25.2	20.5	30.7



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: 18.212 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Instrument :

BNA_F

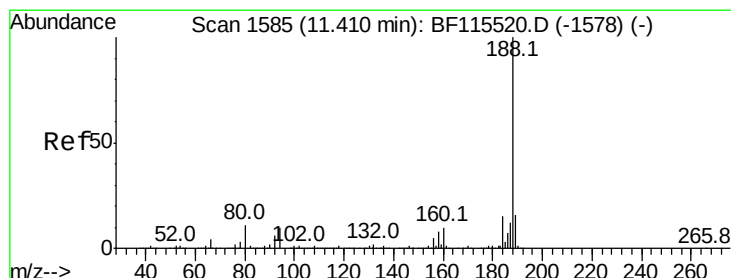
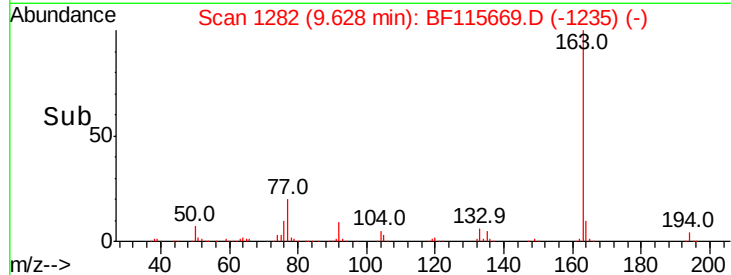
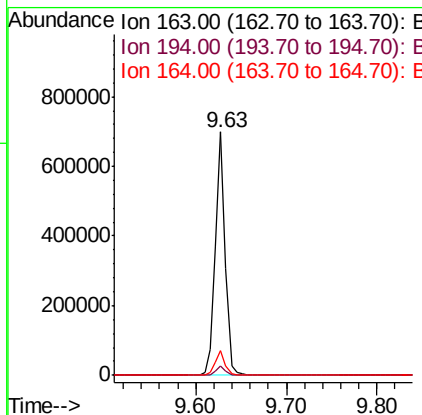
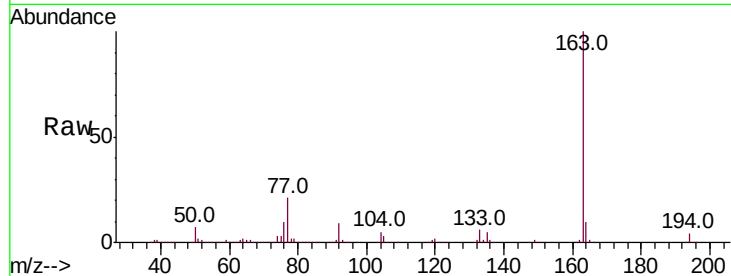
ClientSampleId :

SB-7(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	532541		
194	3.7		3.3	4.9
164	10.2		8.7	13.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

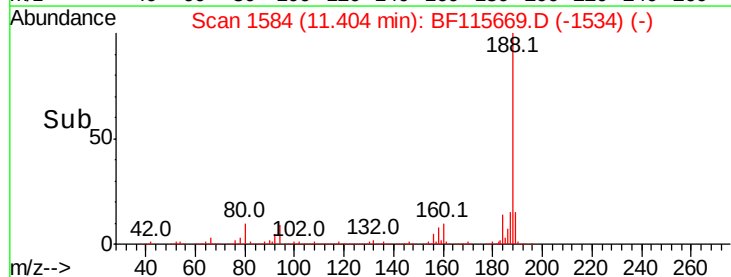
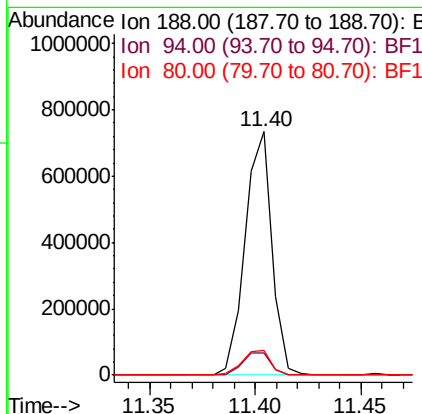
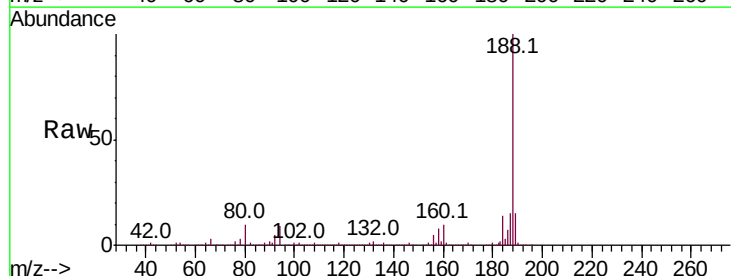
RT: 11.40 min Scan# 1584

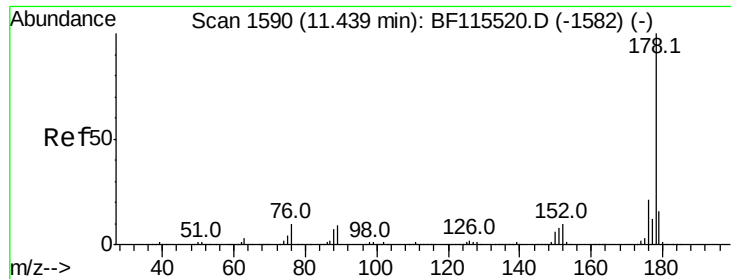
Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	645747		
94	9.3		7.8	11.6
80	10.3		8.6	13.0





#71

Phenanthrene

Concen: 6.399 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Instrument :

BNA_F

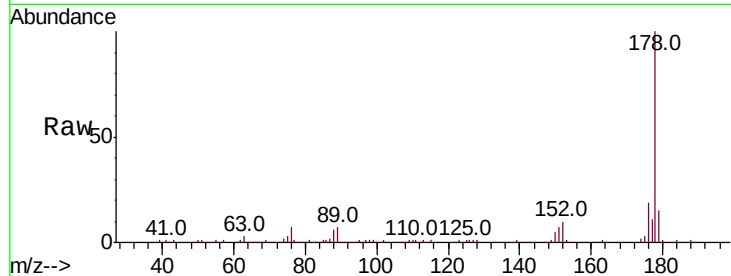
ClientSampleId :

SB-7(0-2)

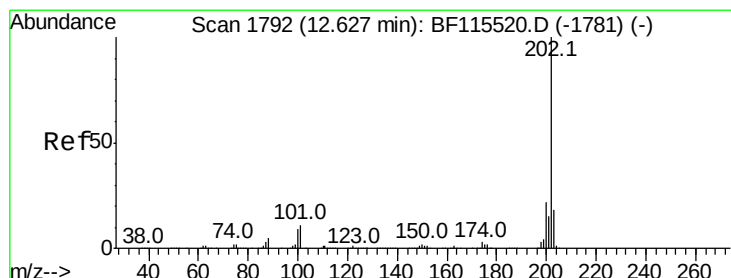
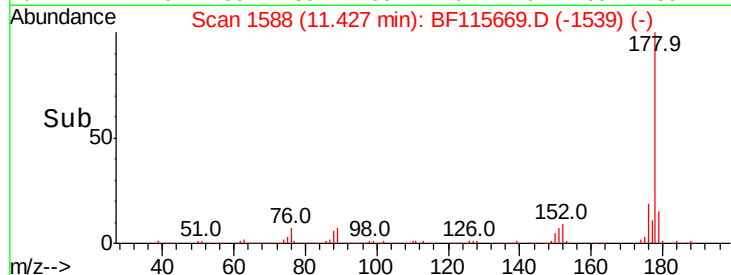
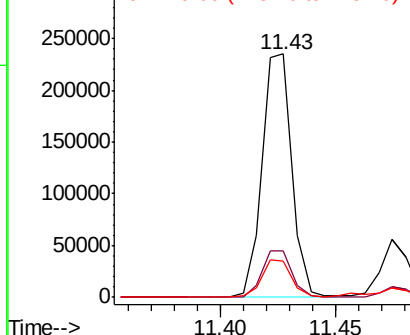
Tot Ion:	178	Resp:	211820
Ion Ratio	Lower	Upper	
178	100		
176	19.2	17.2	25.8
179	14.8	13.5	20.3

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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: 12.424 ng

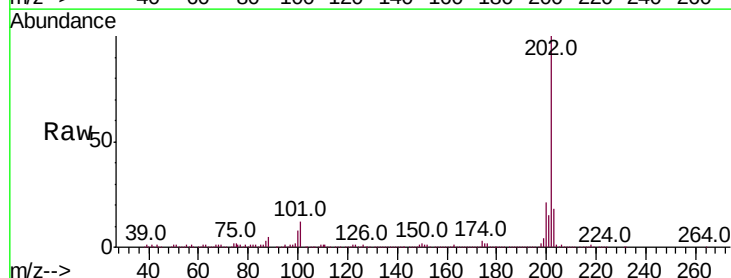
RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

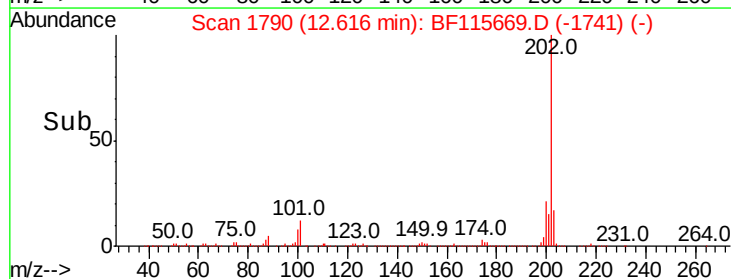
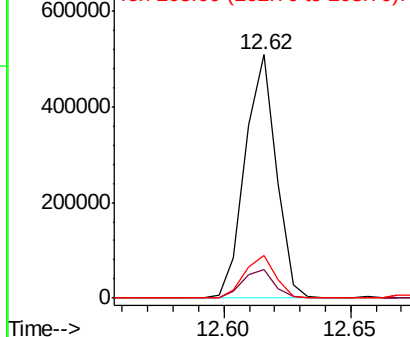
Lab File: BF115669.D

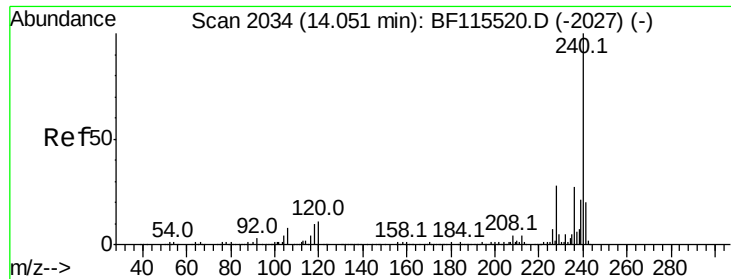
Acq: 19 Jul 2019 11:40

Tgt Ion:	202	Resp:	434585
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.4
203	17.6	0.0	38.1



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





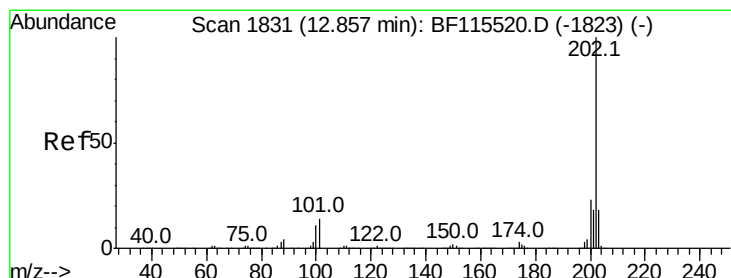
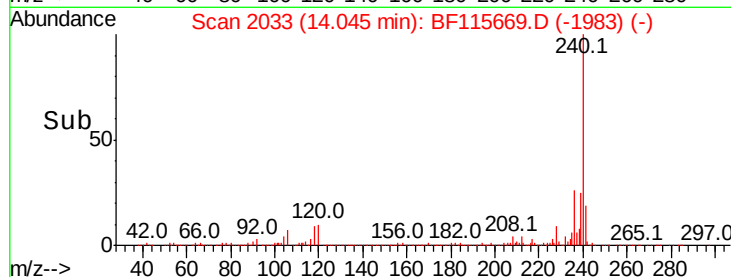
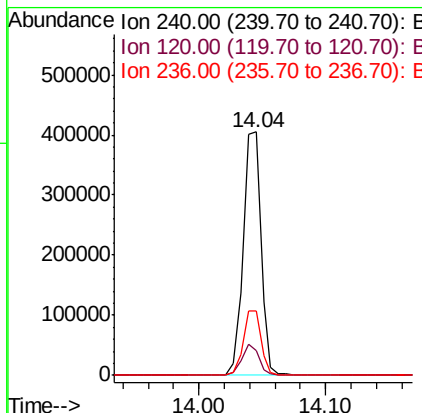
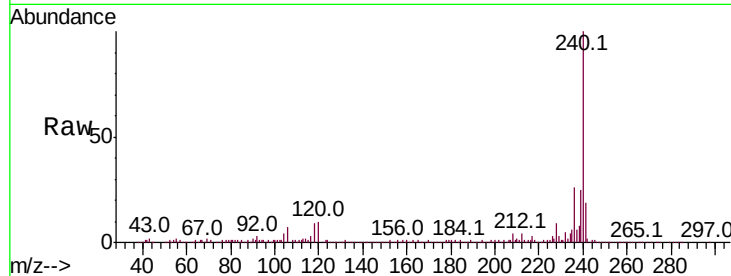
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.0	8.6	13.0	
236	26.4	21.3	31.9	

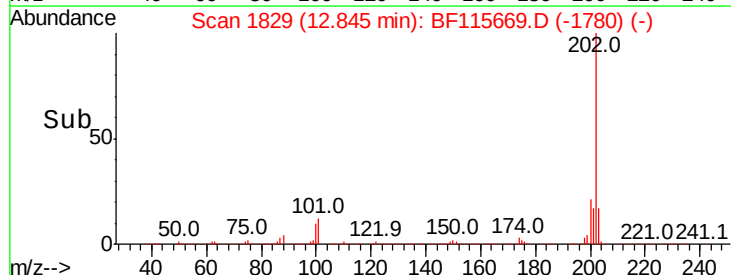
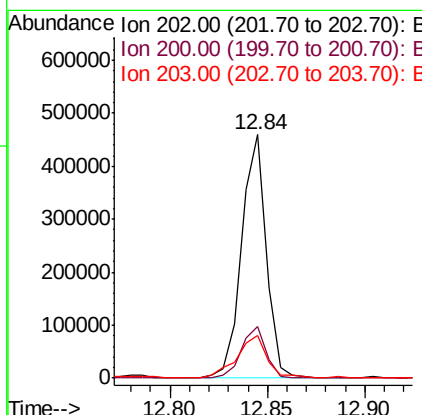
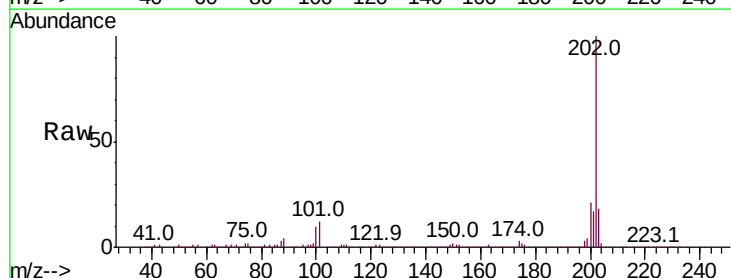
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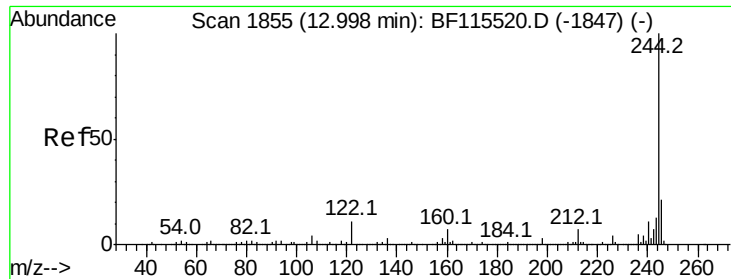
mohammad
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#78
Pyrene
Concen: 12.022 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	18.7	28.1	
203	17.5	15.2	22.8	





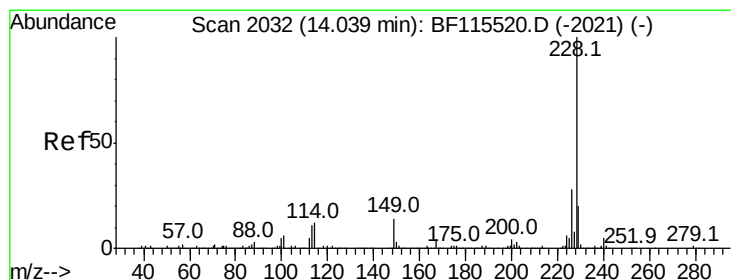
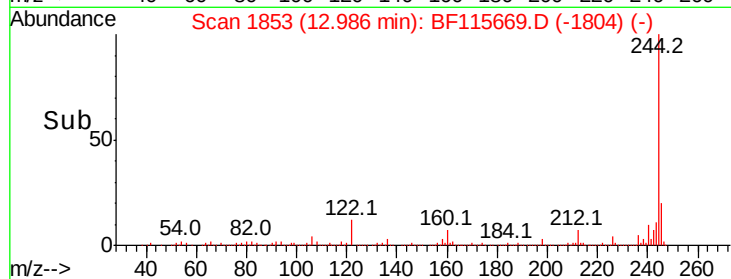
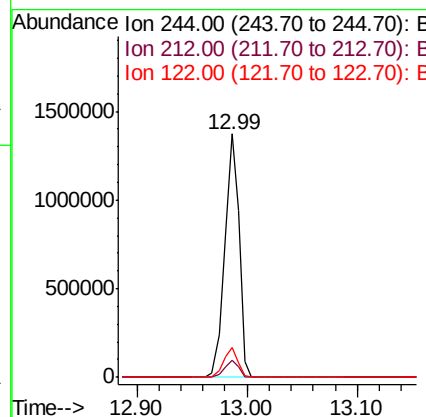
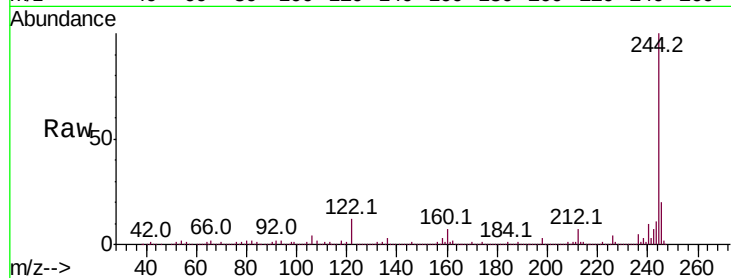
#79
 Terphenyl-d14
 Concen: 58.406 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115669.D
 Acq: 19 Jul 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.1	8.6	12.8

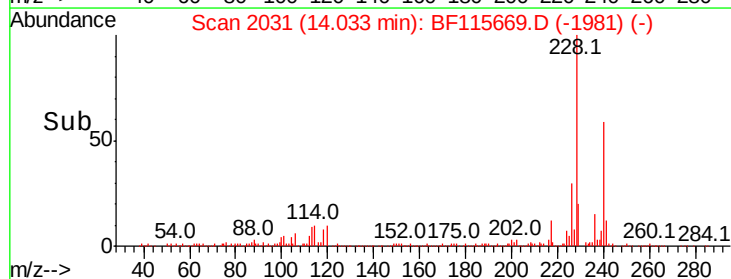
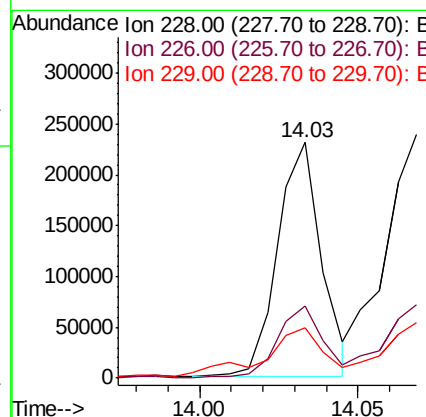
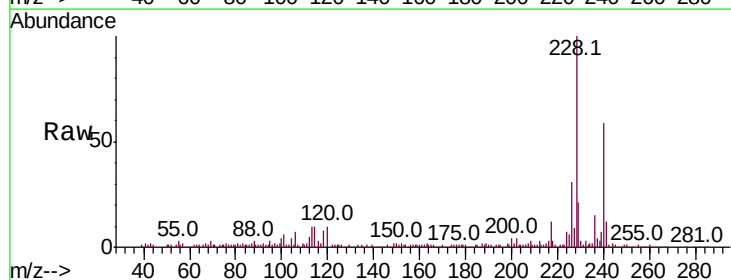
Manual Integrations
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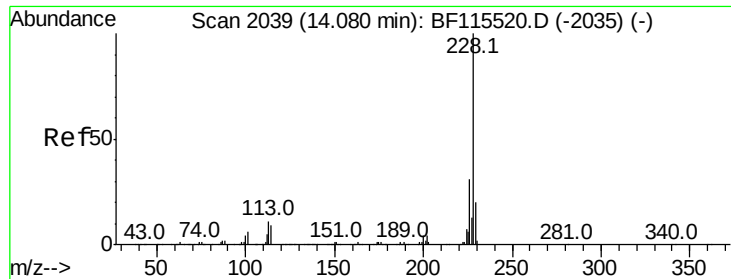
mohammad
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#81
 Benzo(a)anthracene
 Concen: 8.554 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF115669.D
 Acq: 19 Jul 2019 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.1	17.2	25.8





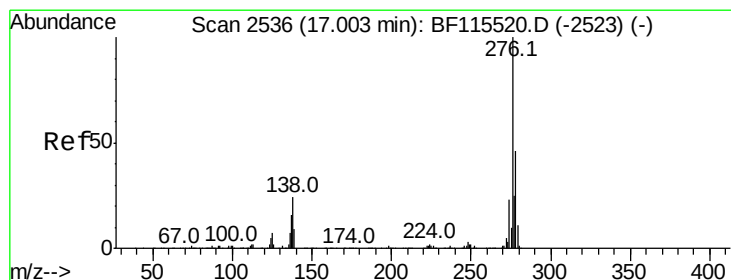
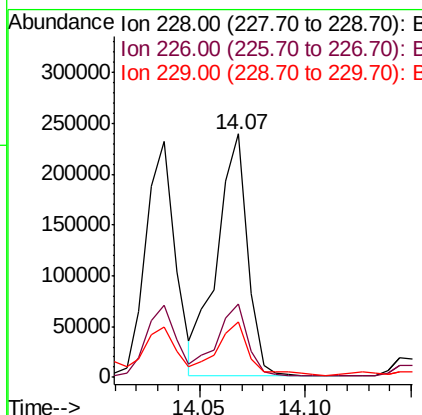
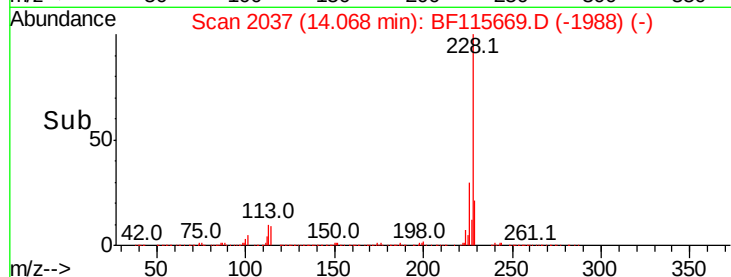
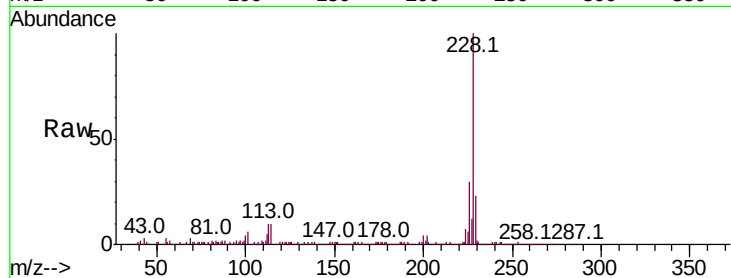
#83
Chrysene
Concen: 9.203 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion:	228	Resp:	239217
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.7	38.5
229	22.5	16.6	25.0

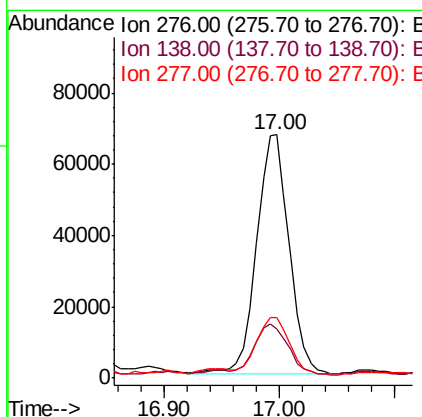
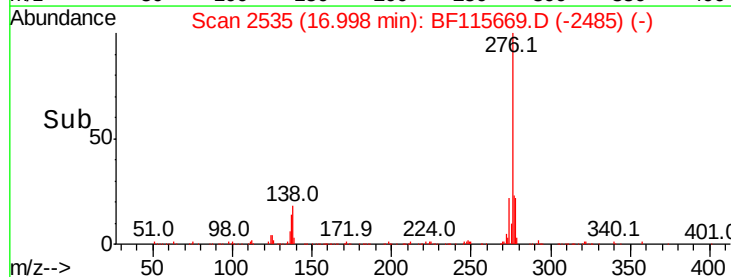
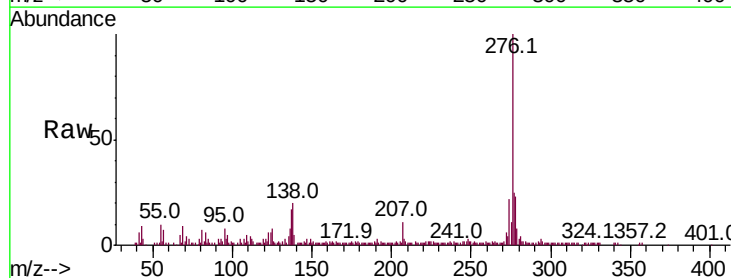
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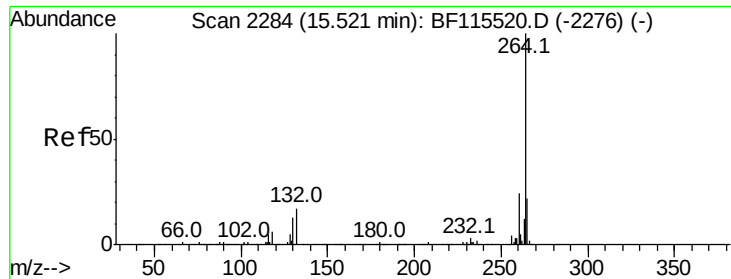
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.977 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115669.D
Acq: 19 Jul 2019 11:40

Tgt Ion:	276	Resp:	131999
Ion Ratio	Lower	Upper	
276	100		
138	22.3	20.2	30.2
277	24.6	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Instrument :

BNA_F

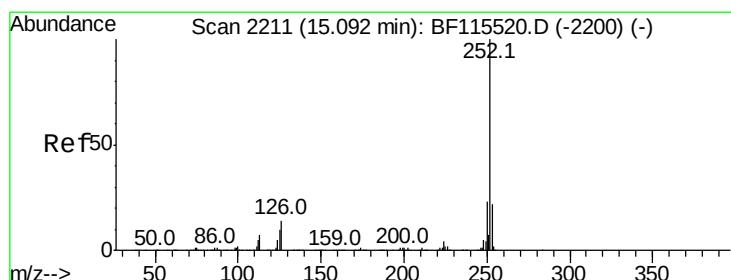
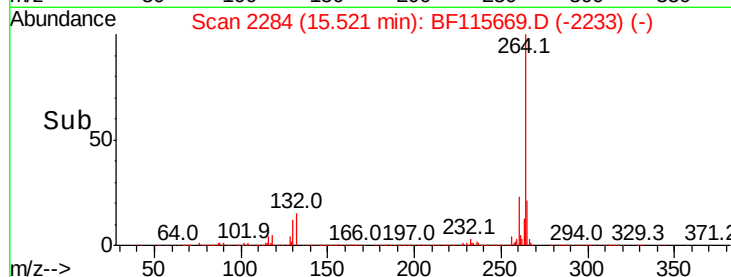
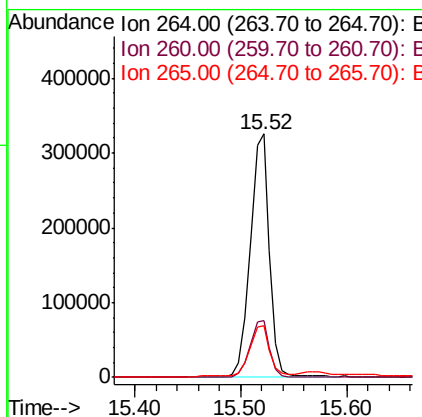
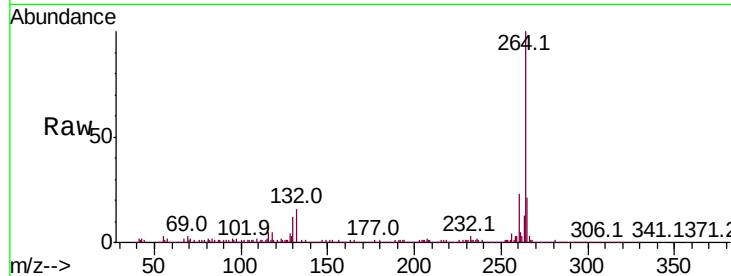
ClientSampleId :

SB-7(0-2)

Tot Ion:	264	Resp:	411823
Ion Ratio		Lower	Upper
264	100		
260	23.3	19.8	29.8
265	21.4	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 12.508 ng m

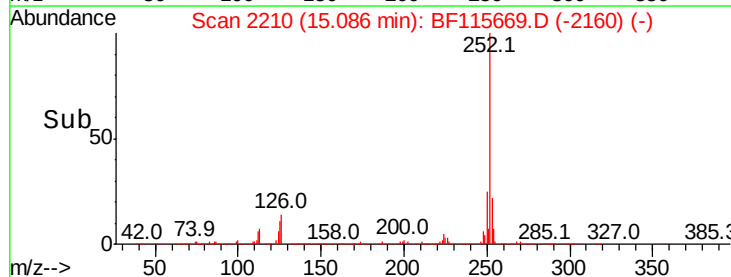
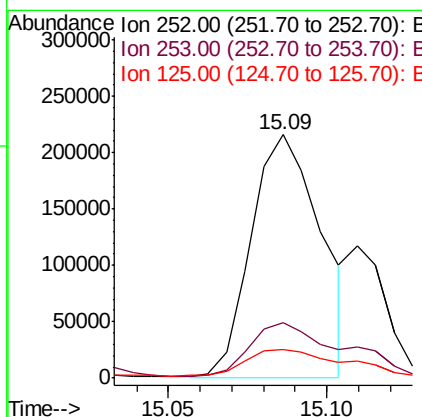
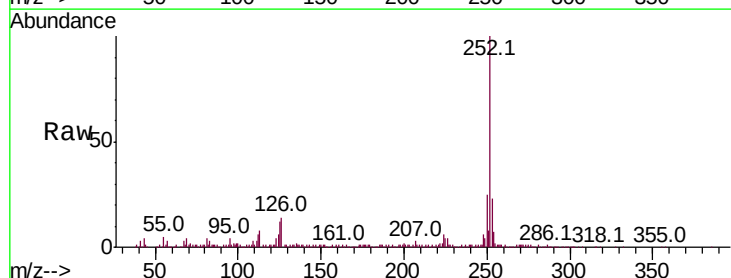
RT: 15.09 min Scan# 2210

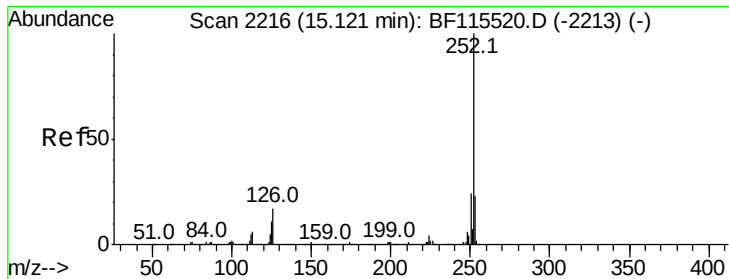
Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Tgt Ion:	252	Resp:	331699
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.6	9.0	13.4





#89

Benzo(k)fluoranthene

Concen: 4.151 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Instrument :

BNA_F

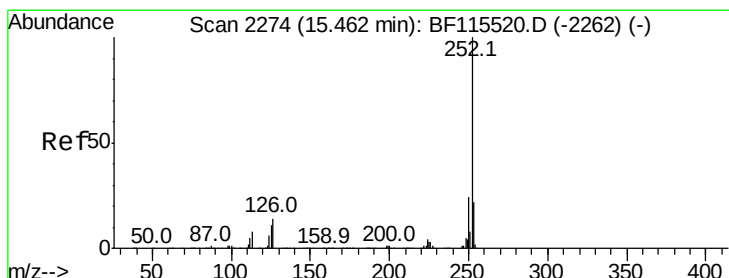
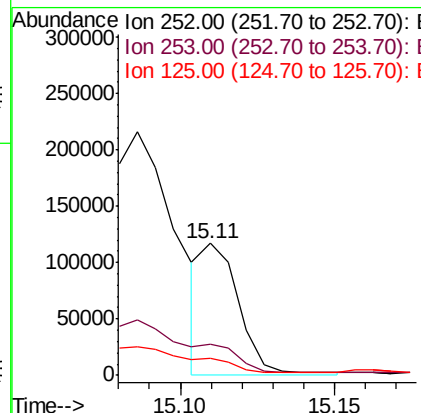
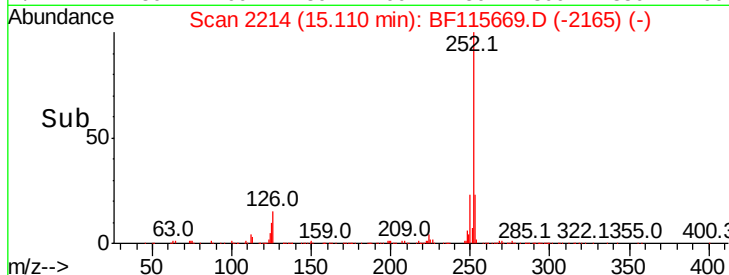
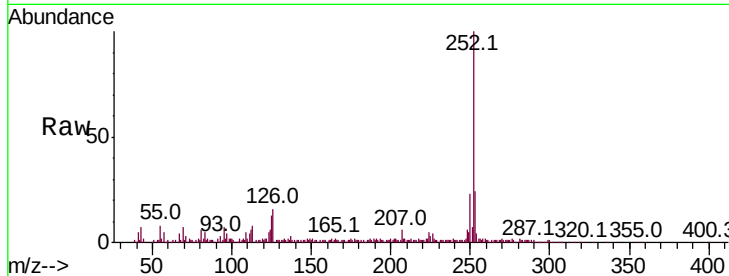
ClientSampled :

SB-7(0-2)

Tot Ion:	252	Resp:	98149
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.6	28.0
125	12.9	9.0	13.6

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 8.981 ng

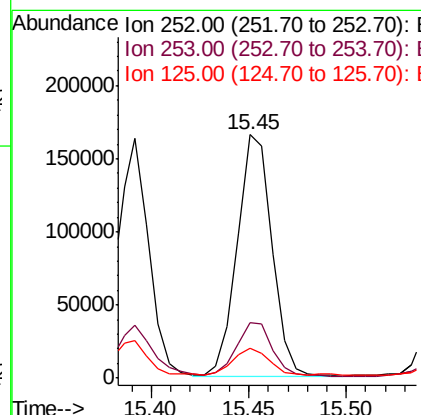
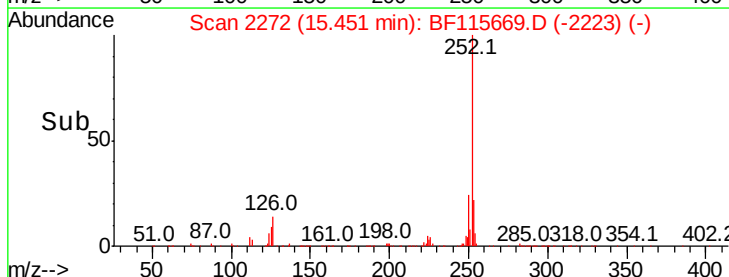
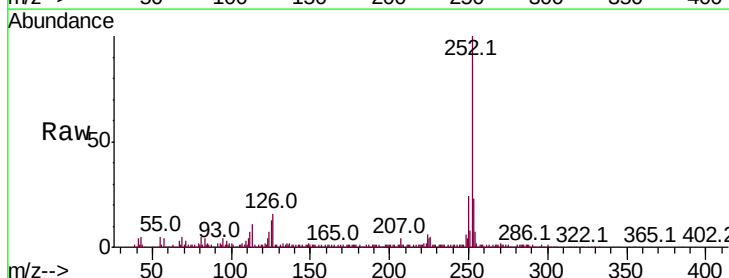
RT: 15.45 min Scan# 2272

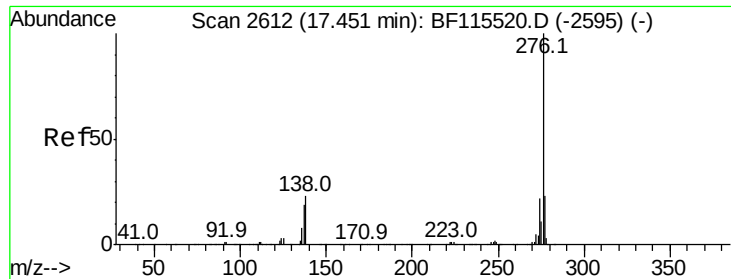
Delta R.T. -0.01 min

Lab File: BF115669.D

Acq: 19 Jul 2019 11:40

Tgt Ion:	252	Resp:	204699
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	12.5	9.1	13.7





#92
 Benzo(a,h,i)perylene
 Concen: 7.354 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF115669.D
 Acq: 19 Jul 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Tot Ion:	276	Resp:	146750
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.0	28.4
138	22.8	17.2	25.8

Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:01:12 AM

