

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115691.D
 Acq On : 20 Jul 2019 00:07
 Operator : HP/JU
 Sample : K3868-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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mohammad
 7/22/2019 10:01:49 AM

Quant Time: Jul 22 06:43:52 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	230386	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	873184	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	379446	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	579949	20.00	ng	0.00
76) Chrysene-d12	14.04	240	379161	20.00	ng	0.00
87) Perylene-d12	15.52	264	341048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1164989	82.71	ng	0.00
7) Phenol-d6	6.52	99	1539547	86.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	963553	64.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	315782	71.30	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1572681	72.54	ng	-0.01
79) Terphenyl-d14	12.99	244	1212728	59.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	317640	11.126	ng	98
71) Phenanthrene	11.43	178	250468	8.425	ng	96
75) Fluoranthene	12.62	202	473612	15.076	ng	99
78) Pyrene	12.85	202	445009	13.853	ng	97
81) Benzo(a)anthracene	14.03	228	211004	8.447	ng	99
83) Chrysene	14.07	228	209707	8.363	ng	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	91562	4.298	ng	97
88) Benzo(b)fluoranthene	15.09	252	266031m	12.114	ng	
89) Benzo(k)fluoranthene	15.12	252	59903m	3.060	ng	
90) Benzo(a)pyrene	15.46	252	158309	8.387	ng	99
92) Benzo(g,h,i)perylene	17.44	276	94479	5.717	ng	98

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

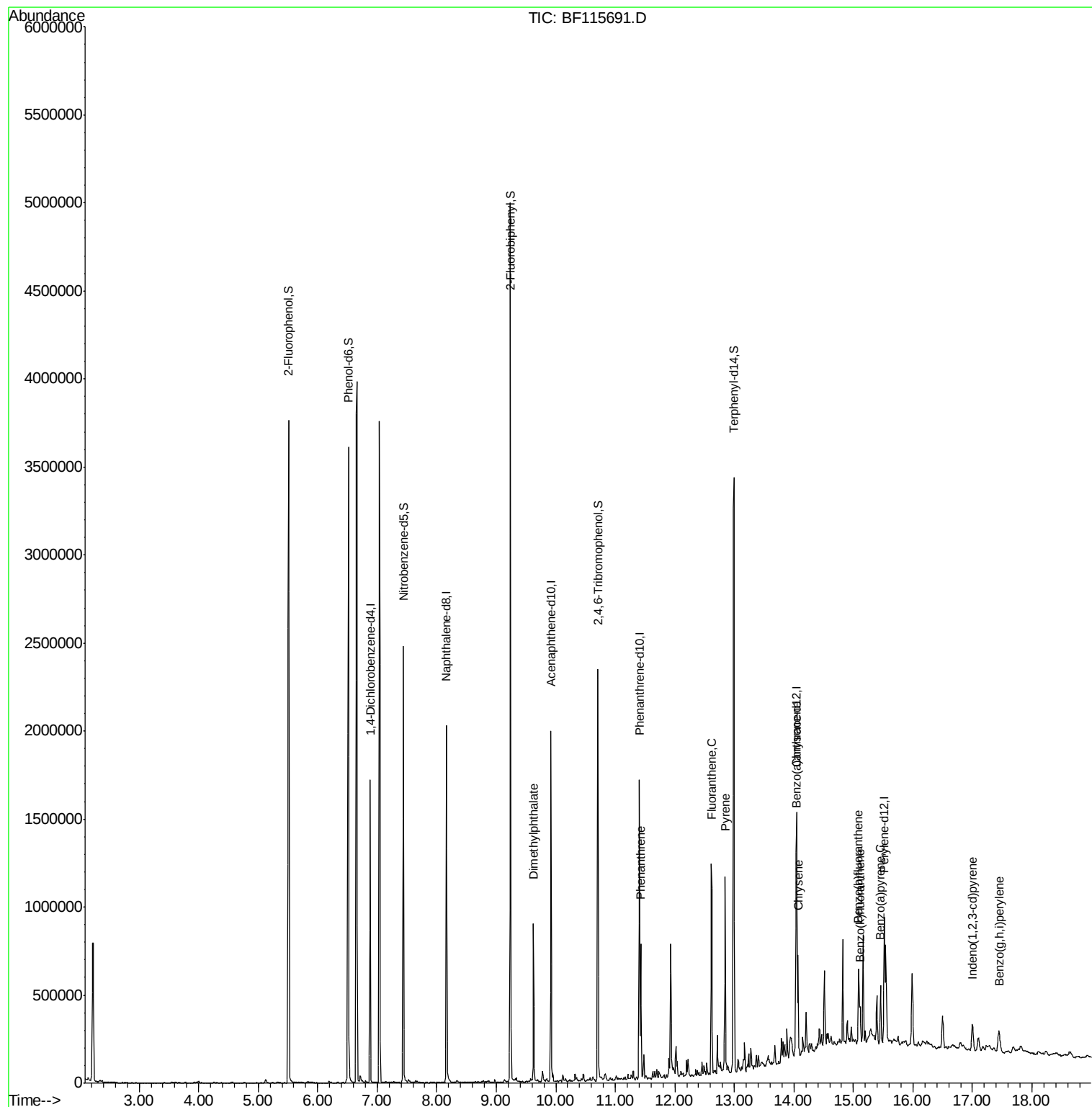
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115691.D
Acq On : 20 Jul 2019 00:07
Operator : HP/JU
Sample : K3868-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

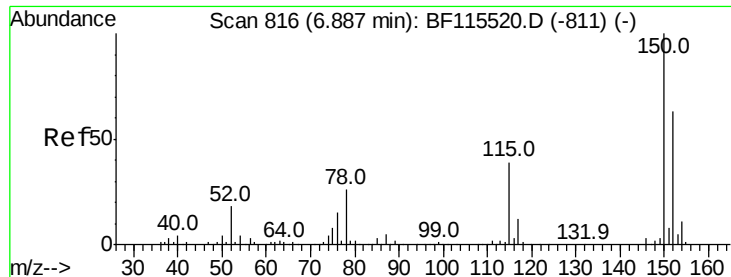
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Jul 22 06:43:52 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

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#1

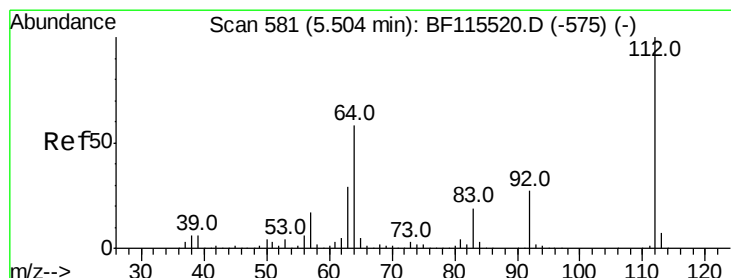
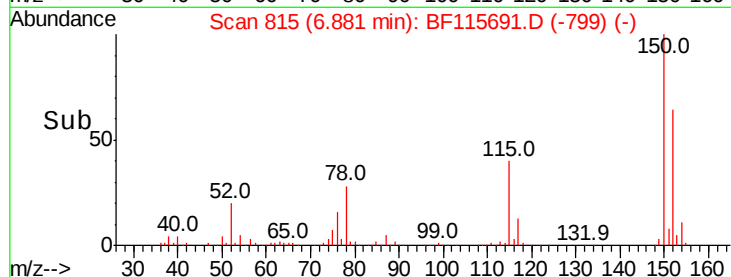
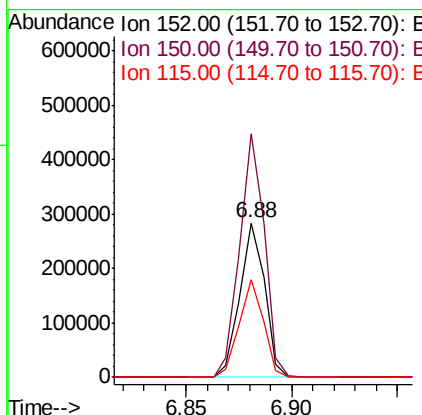
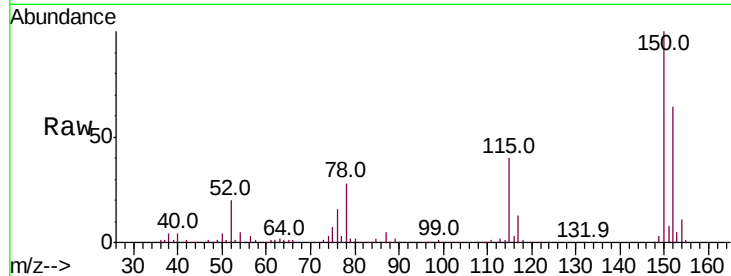
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.7	194.5
115	63.3	48.2	72.4

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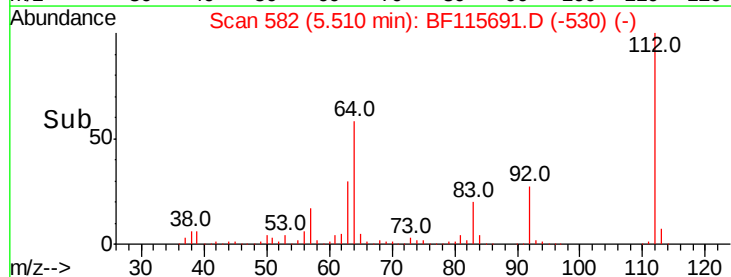
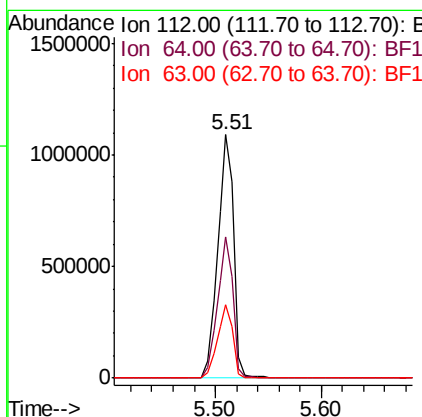
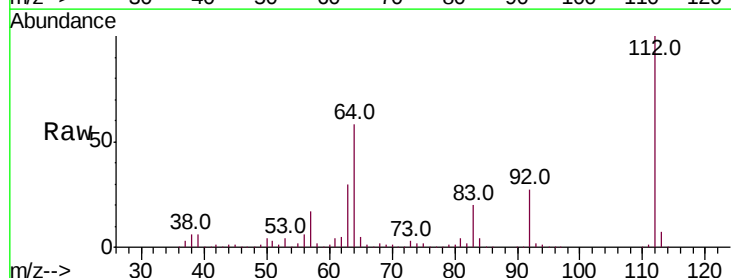
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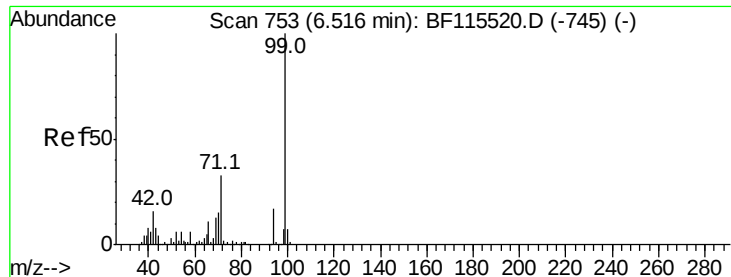


#5

2-Fluorophenol
Concen: 82.713 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.8	70.2
63	30.3	24.1	36.1





#7

Phenol-d6

Concen: 86.143 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115691.D

Acq: 20 Jul 2019 00:07

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion: 99 Resp: 1539547

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

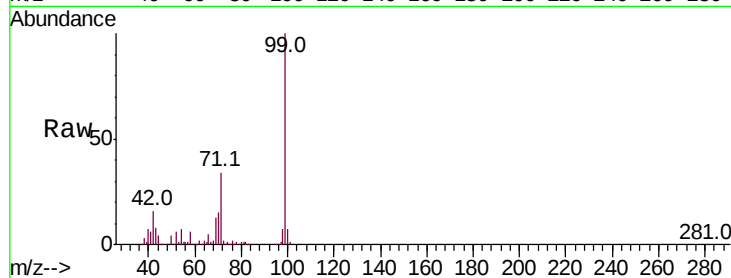
71 33.9 28.5 42.7

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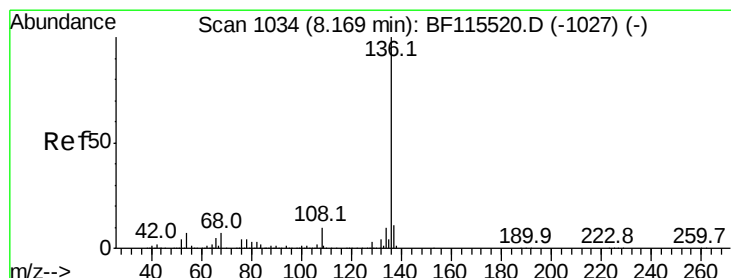
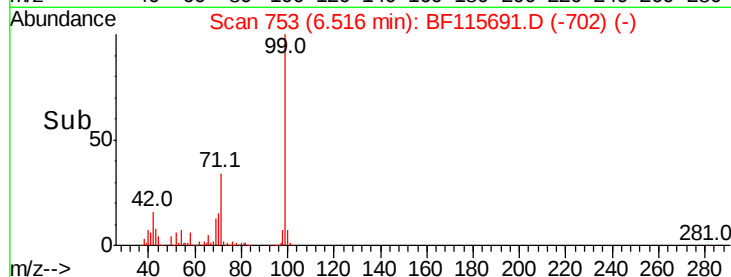
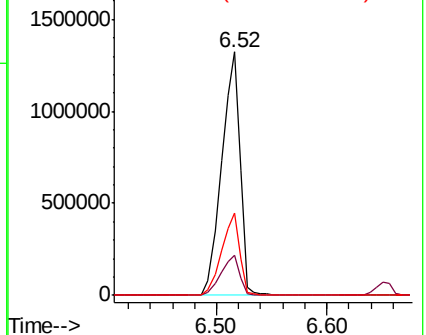
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115691.D

Acq: 20 Jul 2019 00:07

Tgt Ion: 136 Resp: 873184

Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.4 5.6 8.4

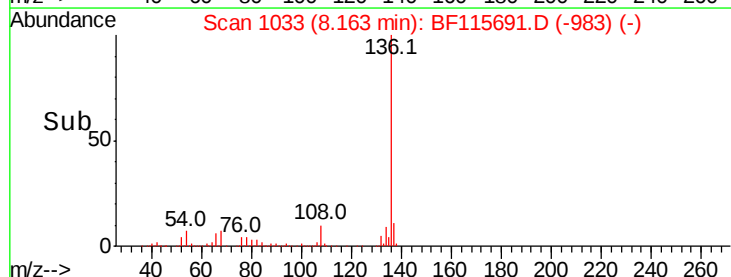
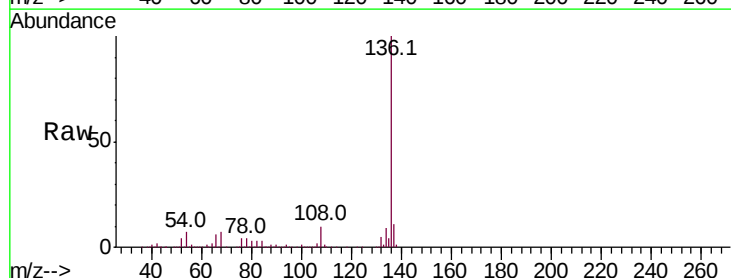
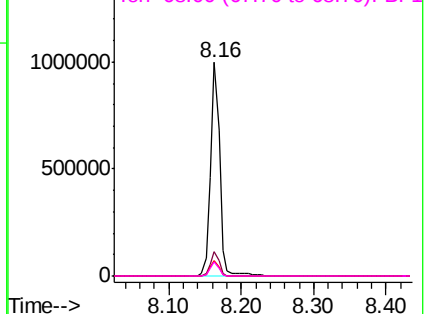
68 6.8 5.0 7.6

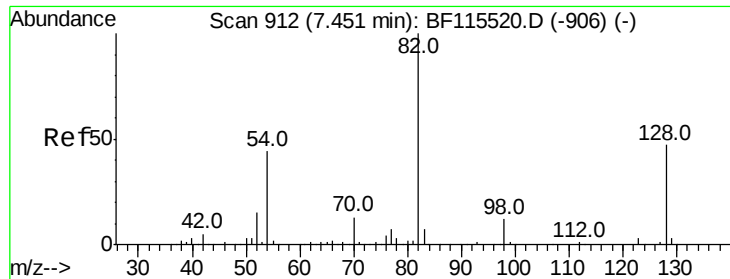
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





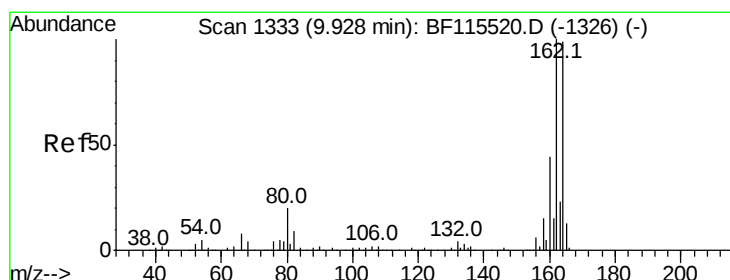
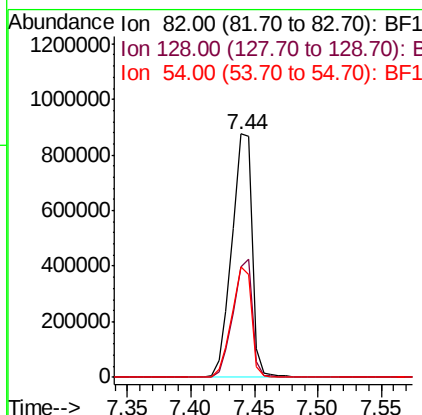
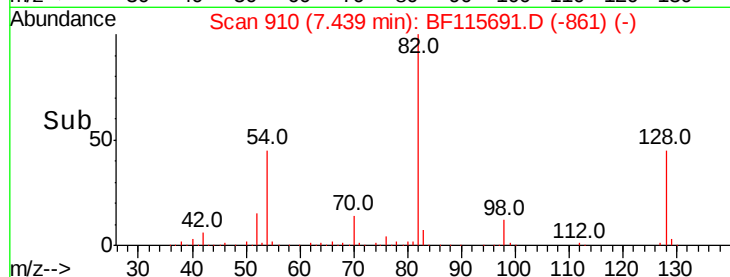
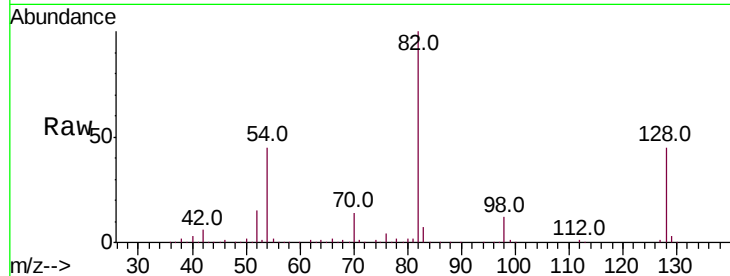
#23
Nitrobenzene-d5
Concen: 64.164 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	38.6	57.8	
54	45.4	35.6	53.4	

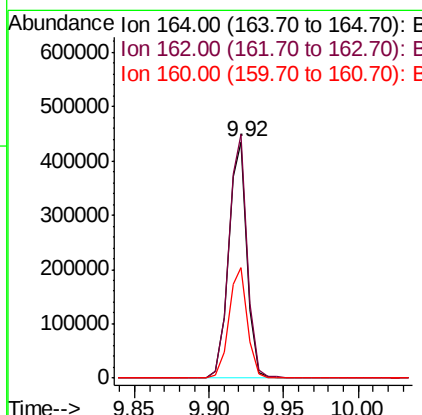
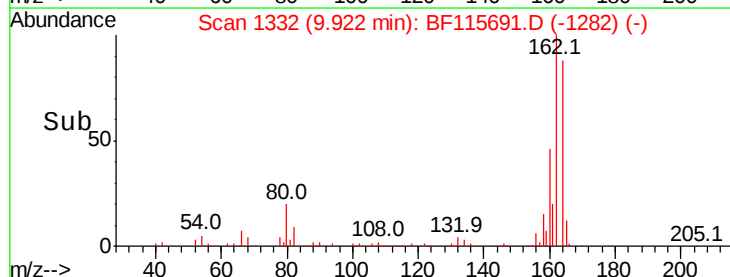
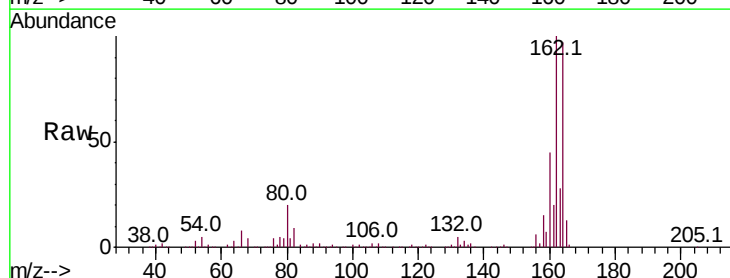
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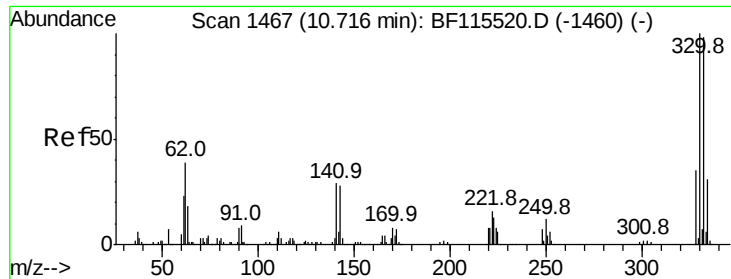
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	82.9	124.3	
160	46.8	36.8	55.2	





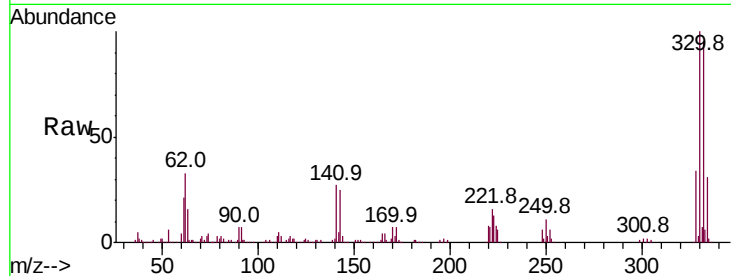
#42
 2,4,6-Tribromophenol
 Concen: 71.298 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115691.D
 Acq: 20 Jul 2019 00:07

Instrument :
 BNA_F
 ClientSampled :
 TP-3

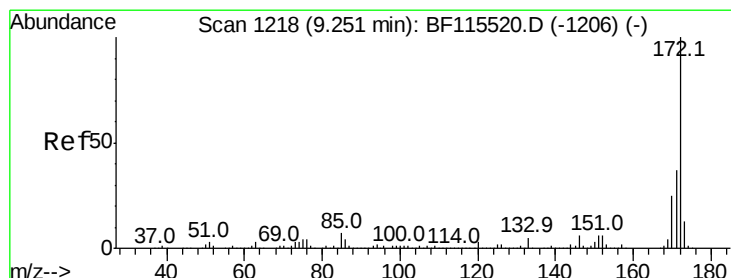
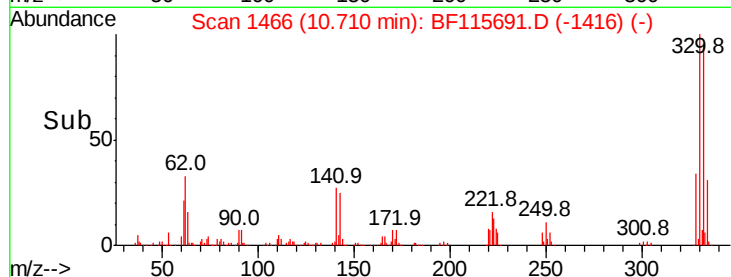
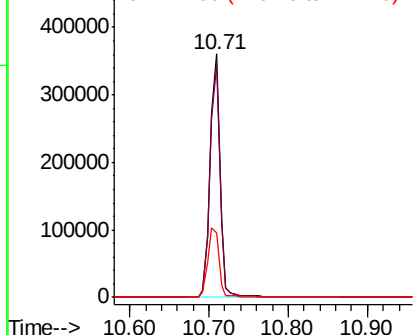
Tot Ion	Ratio	Resp	Lower	Upper
330	100	315782		
332	96.6	77.4	116.2	
141	32.8	22.4	33.6	

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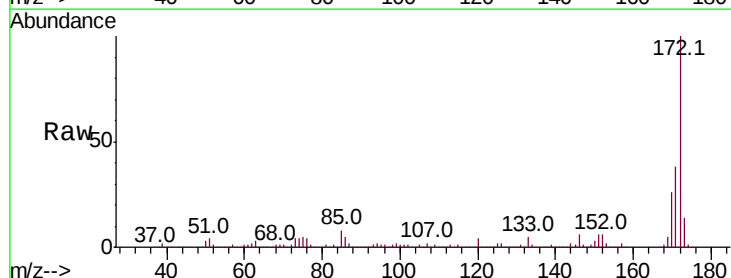


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

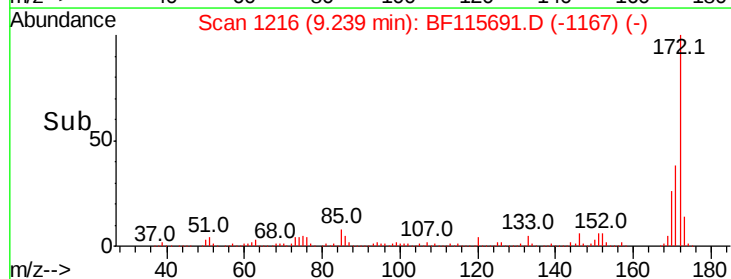
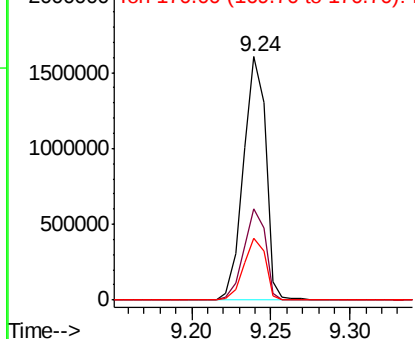


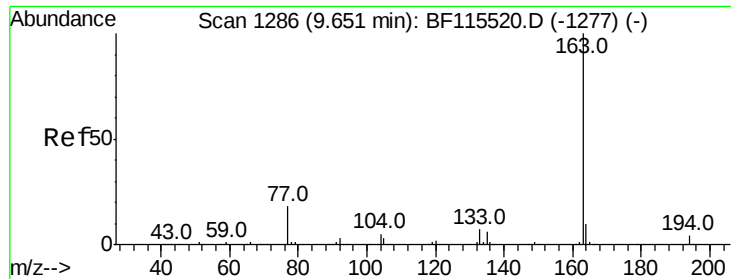
#45
 2-Fluorobiphenyl
 Concen: 72.544 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115691.D
 Acq: 20 Jul 2019 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1572681		
171	37.6	30.6	46.0	
170	25.5	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





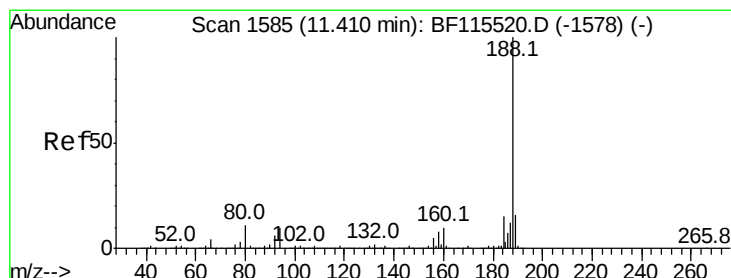
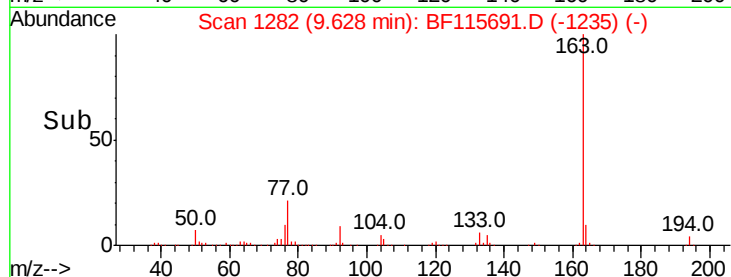
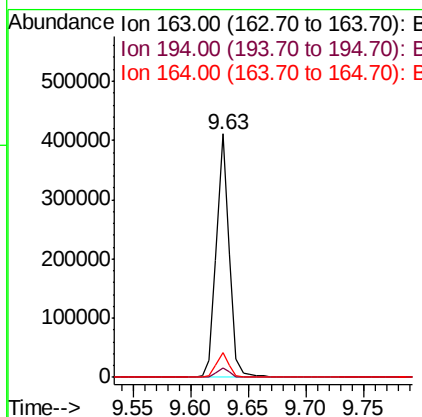
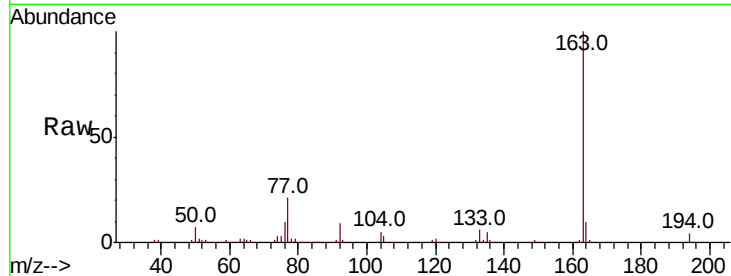
#50
Dimethylphthalate
Concen: 11.126 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	317640		
194	3.8		3.3	4.9
164	10.1		8.7	13.1

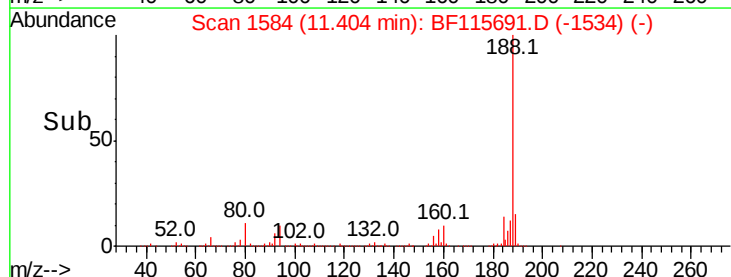
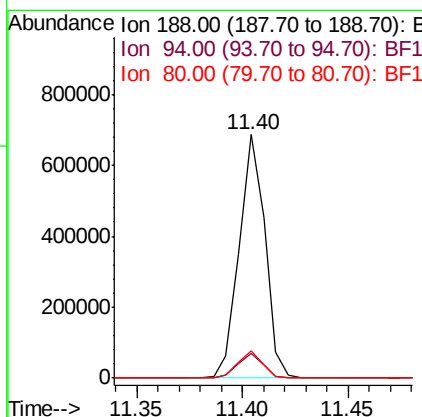
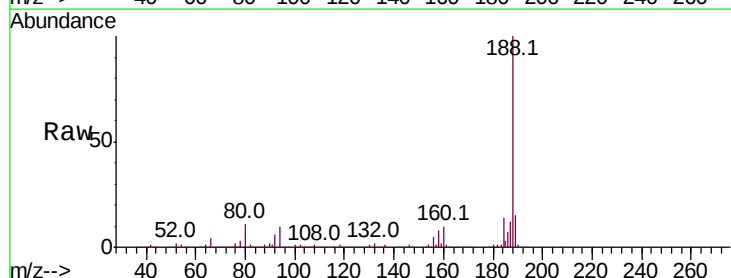
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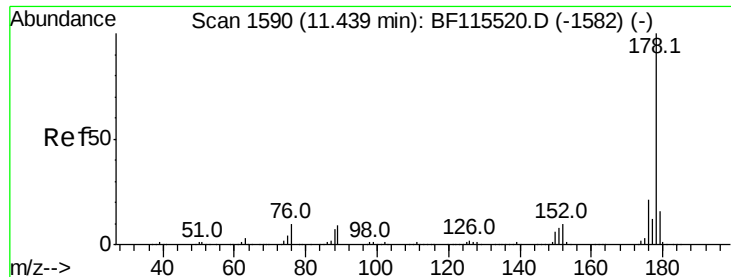
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	579949		
94	10.1		7.8	11.6
80	11.0		8.6	13.0





#71

Phenanthrene

Concen: 8.425 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF115691.D

Acq: 20 Jul 2019 00:07

Instrument :

BNA_F

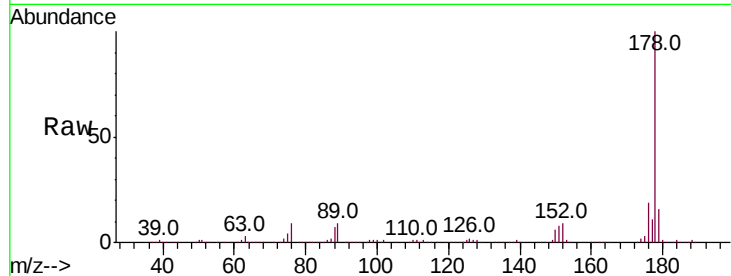
ClientSampleId :

TP-3

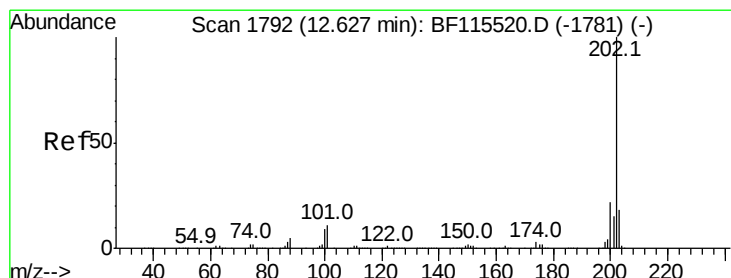
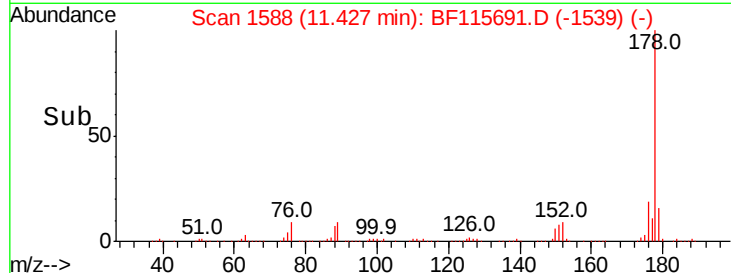
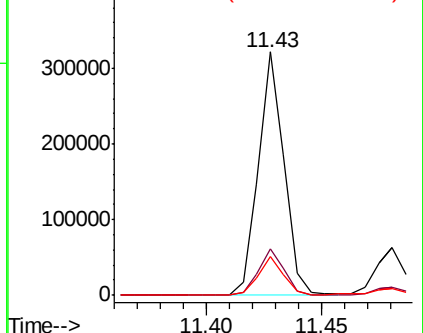
Tot Ion:	178	Resp:	250468
Ion Ratio	Lower	Upper	
178	100		
176	19.3	17.2	25.8
179	15.9	13.5	20.3

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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: 15.076 ng

RT: 12.62 min Scan# 1790

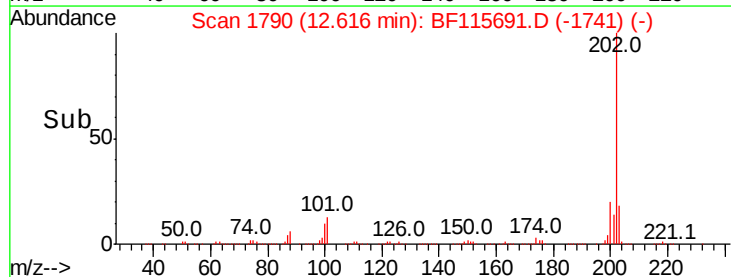
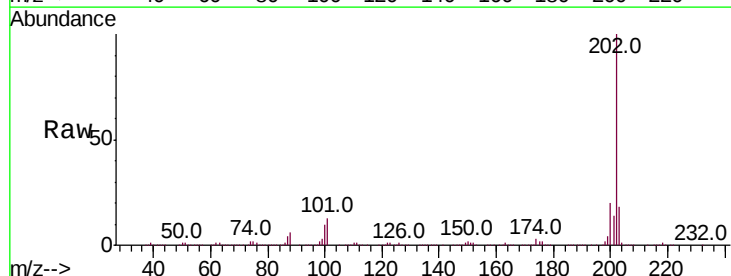
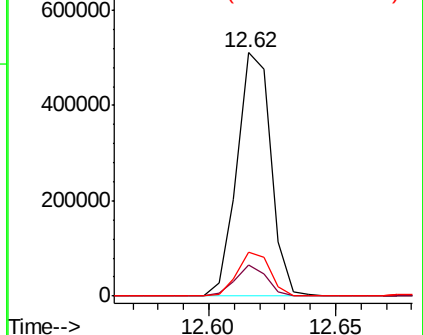
Delta R.T. -0.01 min

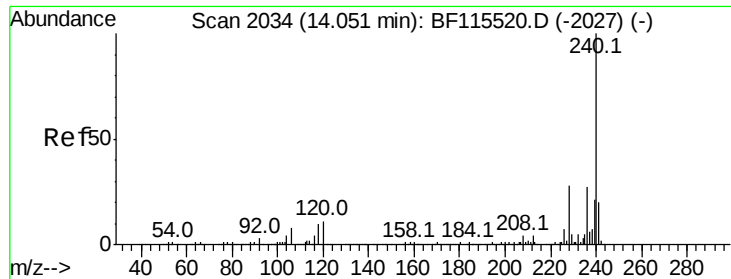
Lab File: BF115691.D

Acq: 20 Jul 2019 00:07

Tgt Ion:	202	Resp:	473612
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	31.4
203	18.1	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: BF115691.D

Acq: 20 Jul 2019 00:07

Instrument :

BNA_F

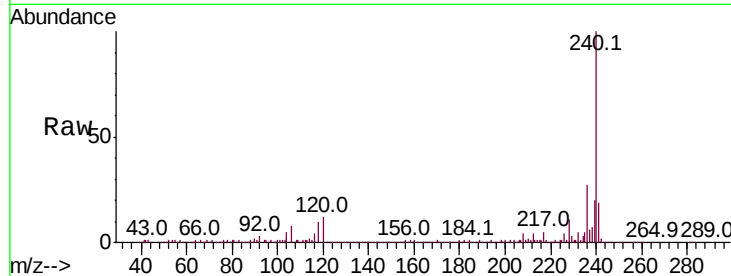
ClientSampled :

TP-3

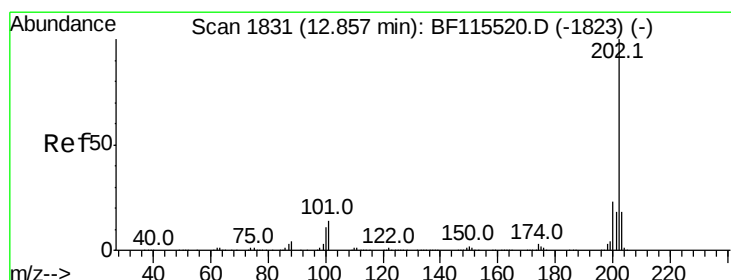
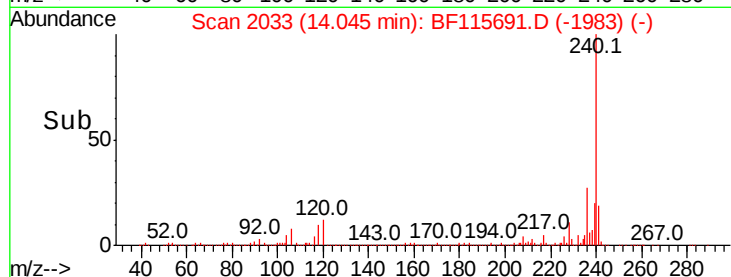
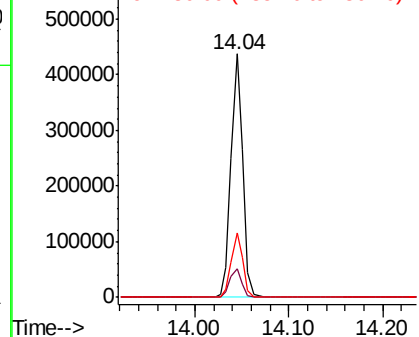
Tot Ion:	240	Resp:	379161
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.6	13.0
236	26.7	21.3	31.9

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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: 13.853 ng

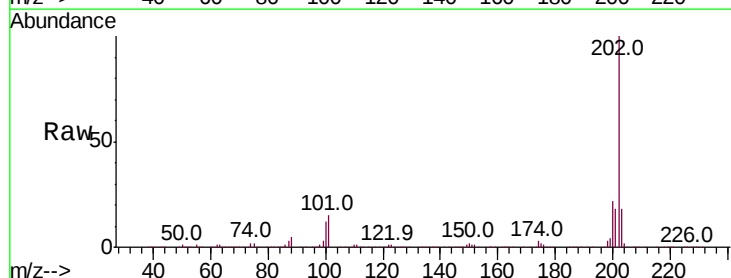
RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

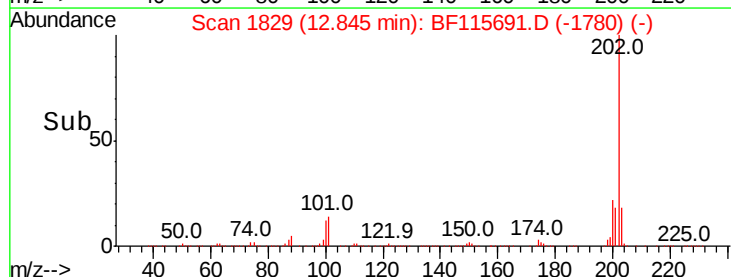
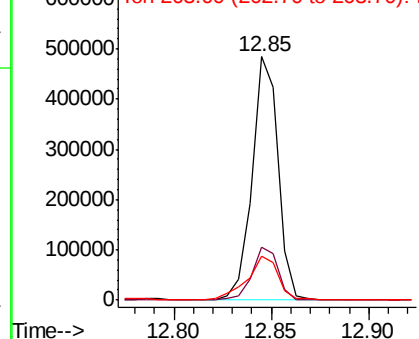
Lab File: BF115691.D

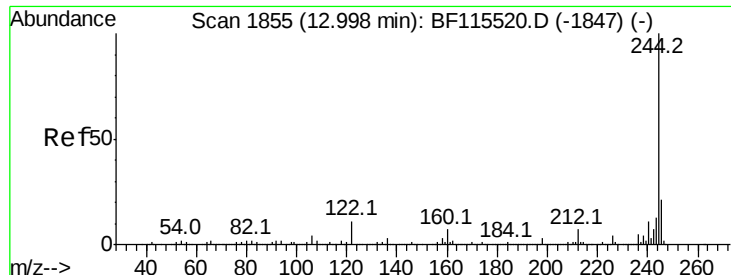
Acq: 20 Jul 2019 00:07

Tgt Ion:	202	Resp:	445009
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.7	28.1
203	18.0	15.2	22.8



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





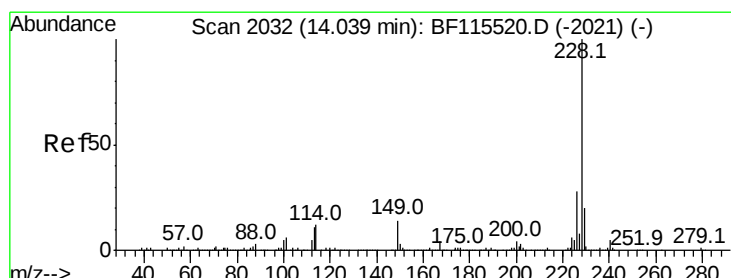
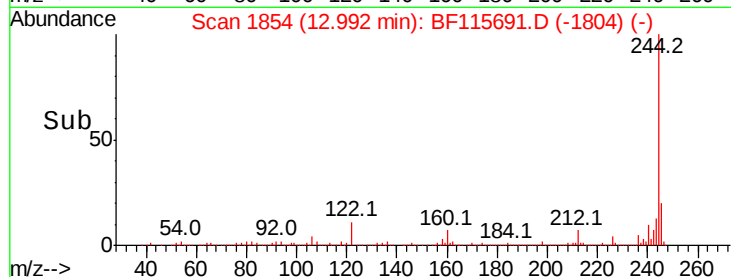
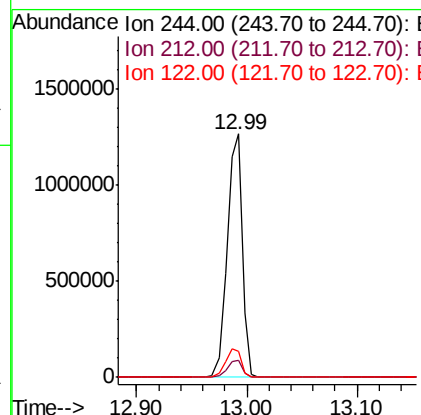
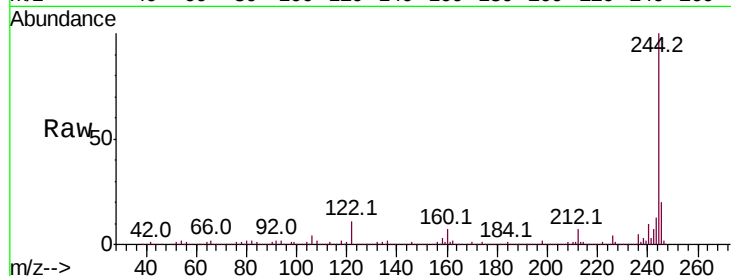
#79
 Terphenyl-d14
 Concen: 59.017 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115691.D
 Acq: 20 Jul 2019 00:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:244 Resp: 1212728
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 10.6 8.6 12.8

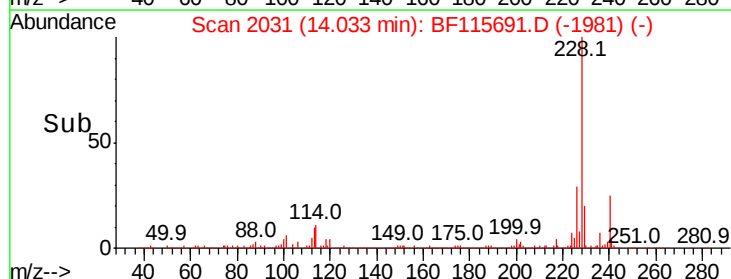
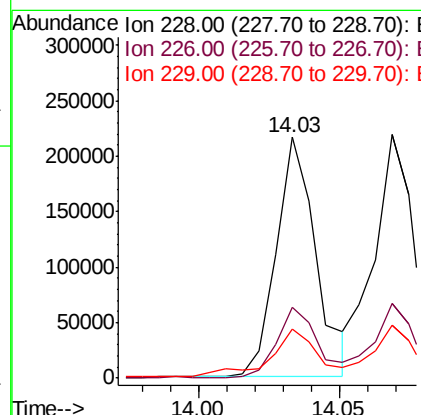
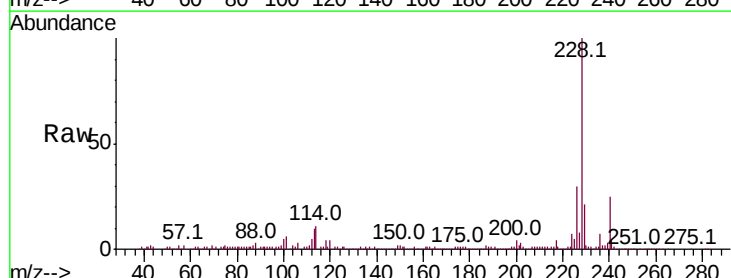
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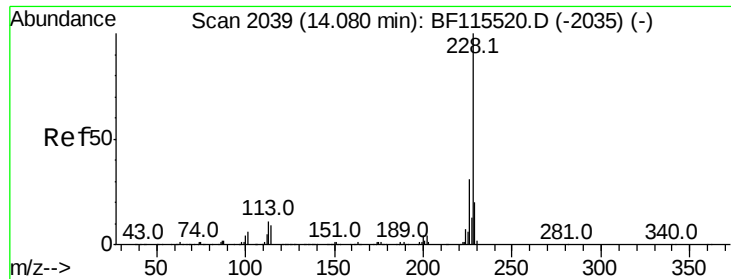
mohammad
 7/22/2019 10:01:49 AM



#81
 Benzo(a)anthracene
 Concen: 8.447 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF115691.D
 Acq: 20 Jul 2019 00:07

Tgt Ion:228 Resp: 211004
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.4 35.0
 229 20.6 17.2 25.8





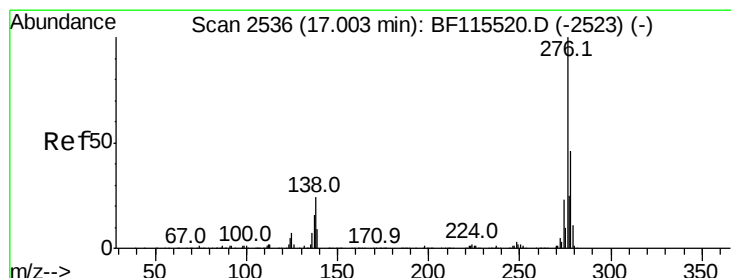
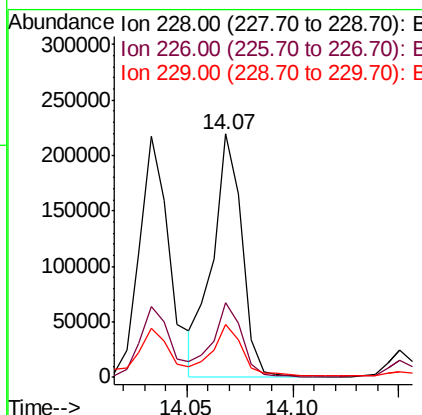
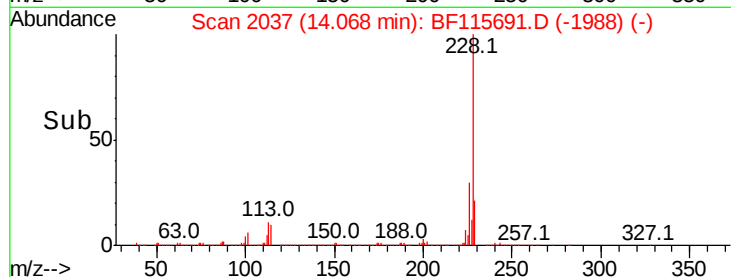
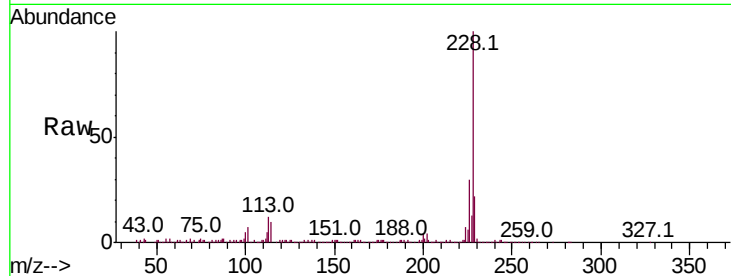
#83
Chrysene
Concen: 8.363 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	21.8	16.6	25.0

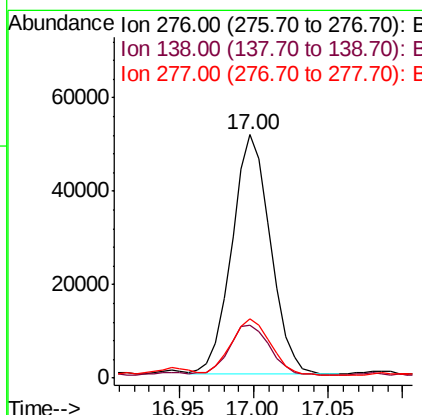
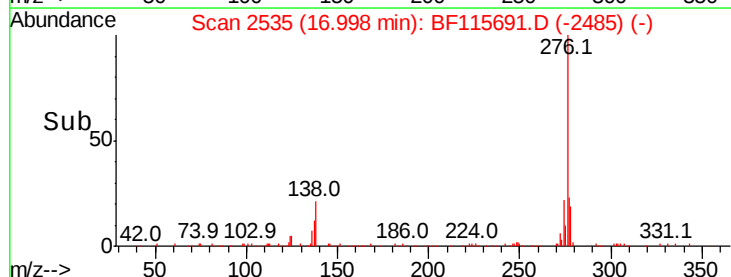
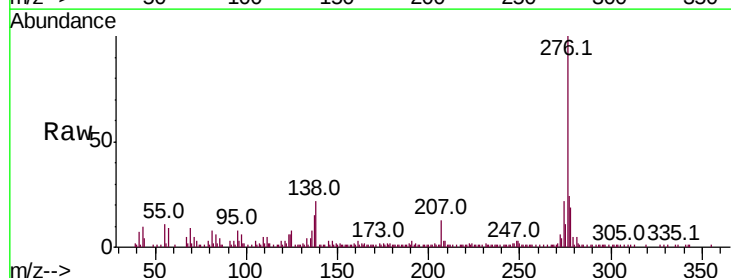
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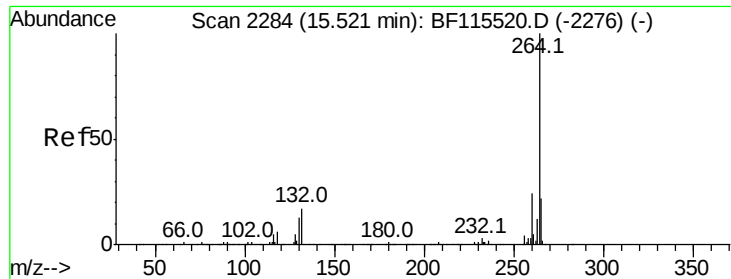
mohammad
7/22/2019 10:01:49 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.298 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.2	30.2
277	24.5	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: BF115691.D

Acq: 20 Jul 2019 00:07

Instrument :

BNA_F

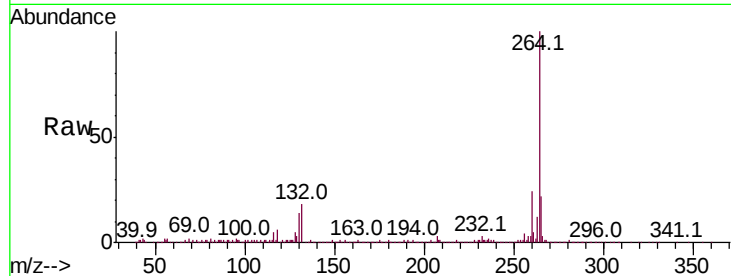
ClientSampleId :

TP-3

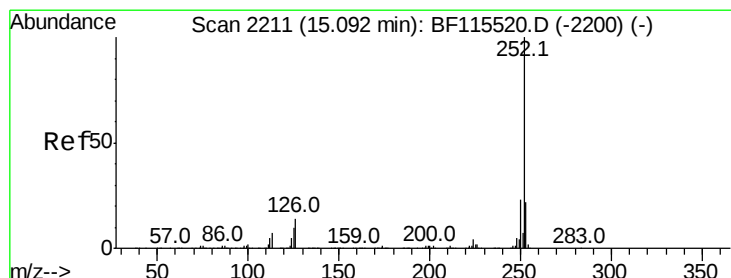
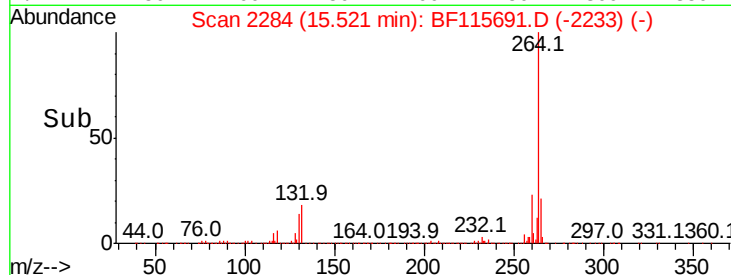
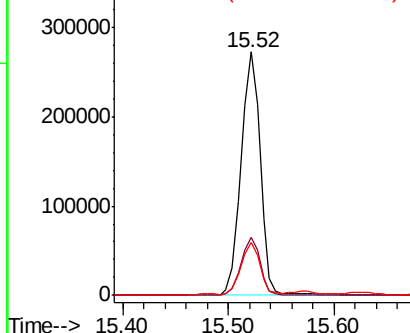
Tot Ion:	264	Resp:	341048
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.8
265	21.6	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.114 ng m

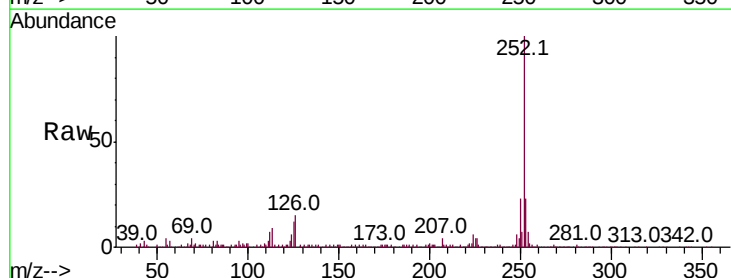
RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

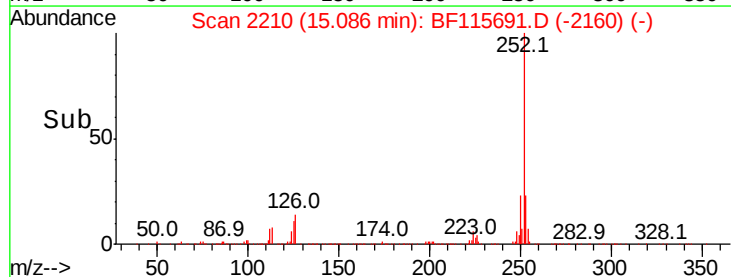
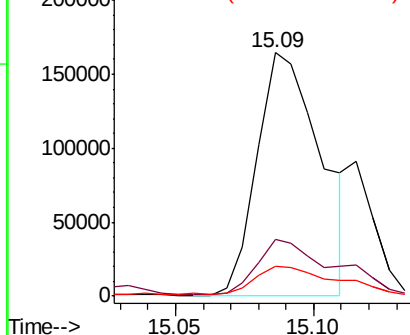
Lab File: BF115691.D

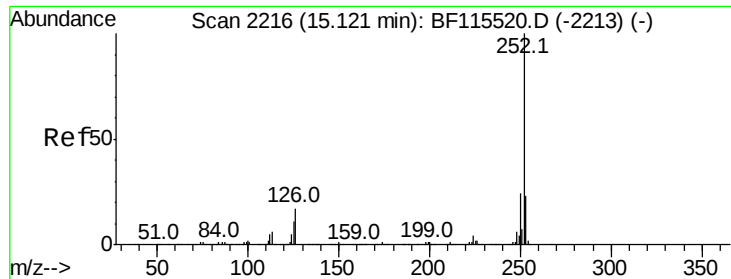
Acq: 20 Jul 2019 00:07

Tgt Ion:	252	Resp:	266031
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	12.2	9.0	13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





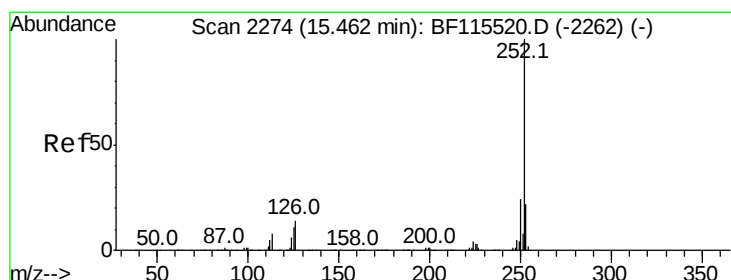
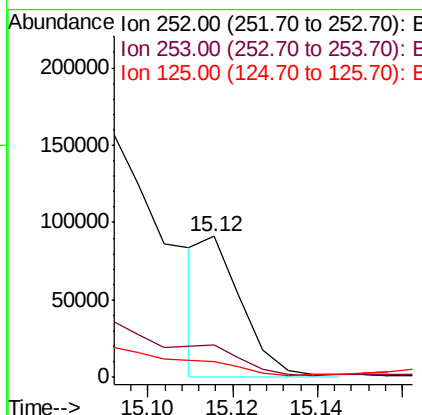
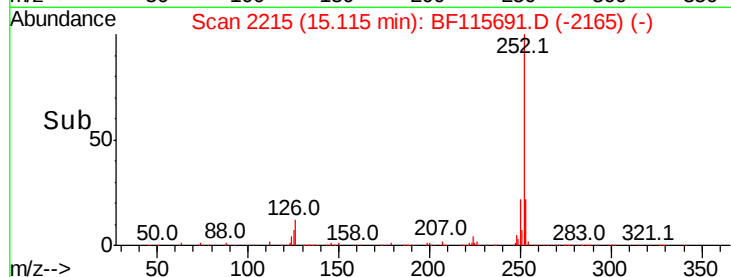
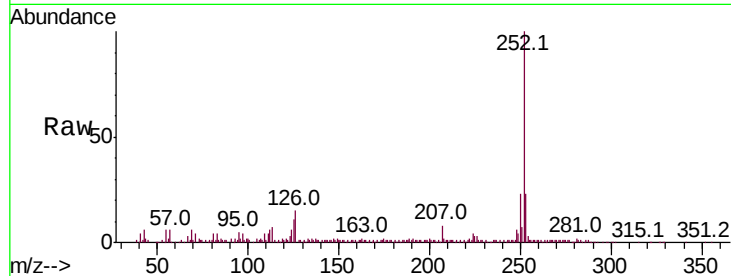
#89
Benzo(k)fluoranthene
Concen: 3.060 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	11.4	9.0	13.6

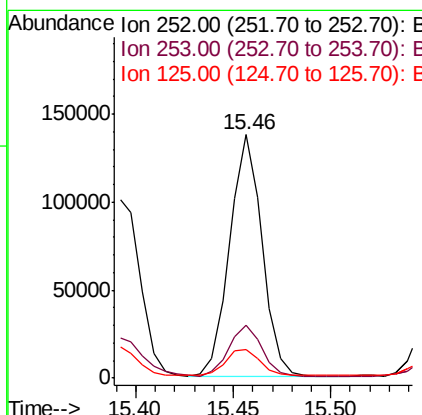
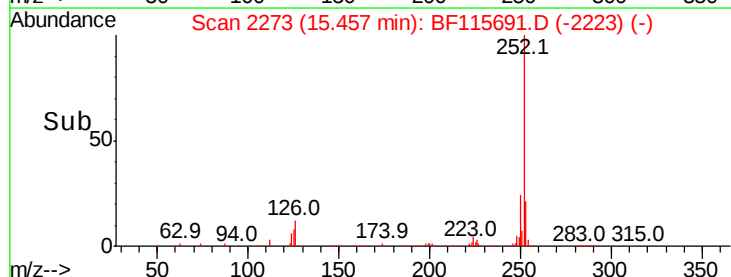
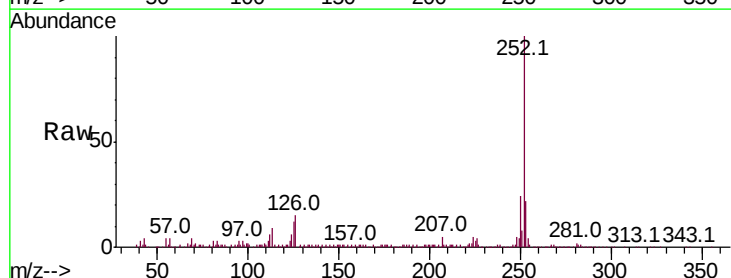
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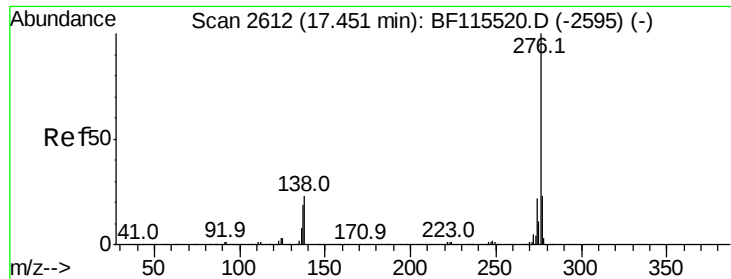
mohammad
7/22/2019 10:01:49 AM



#90
Benzo(a)pyrene
Concen: 8.387 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.5	9.1	13.7





#92
 Benzo(a,h,i)perylene
 Concen: 5.717 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF115691.D
 Acq: 20 Jul 2019 00:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	22.7	17.2	25.8

Manual Integrations
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