

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115957.D
 Acq On : 2 Aug 2019 20:04
 Operator : HP/JU
 Sample : K4130-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-L-(0-30)-COMP

Manual Integrations
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 8/8/2019 4:44:32 PM

Quant Time: Aug 03 01:18:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126124	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	493526	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	268318	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	493054	20.00	ng	0.00
76) Chrysene-d12	14.02	240	400543	20.00	ng	0.00
87) Perylene-d12	15.49	264	379548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	739079	98.10	ng	0.00
7) Phenol-d6	6.48	99	971807	102.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	605133	70.78	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	264356	101.62	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1033223	72.13	ng	0.00
79) Terphenyl-d14	12.96	244	1222796	64.33	ng	0.00
Target Compounds						
10) Phenol	6.49	94	53451	4.775	ng	91
50) Dimethylphthalate	9.60	163	87471	4.788	ng	99
71) Phenanthrene	11.40	178	90585	3.594	ng	97
75) Fluoranthene	12.59	202	243240	9.218	ng	98
78) Pyrene	12.82	202	211783	7.014	ng	98
81) Benzo(a)anthracene	14.01	228	116106	4.535	ng	99
83) Chrysene	14.05	228	88977	3.580	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	41843	2.004	ng	97
88) Benzo(b)fluoranthene	15.06	252	102083m	4.652	ng	
90) Benzo(a)pyrene	15.43	252	72102	3.675	ng	98
92) Benzo(g,h,i)perylene	17.41	276	40558	2.432	ng	97

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

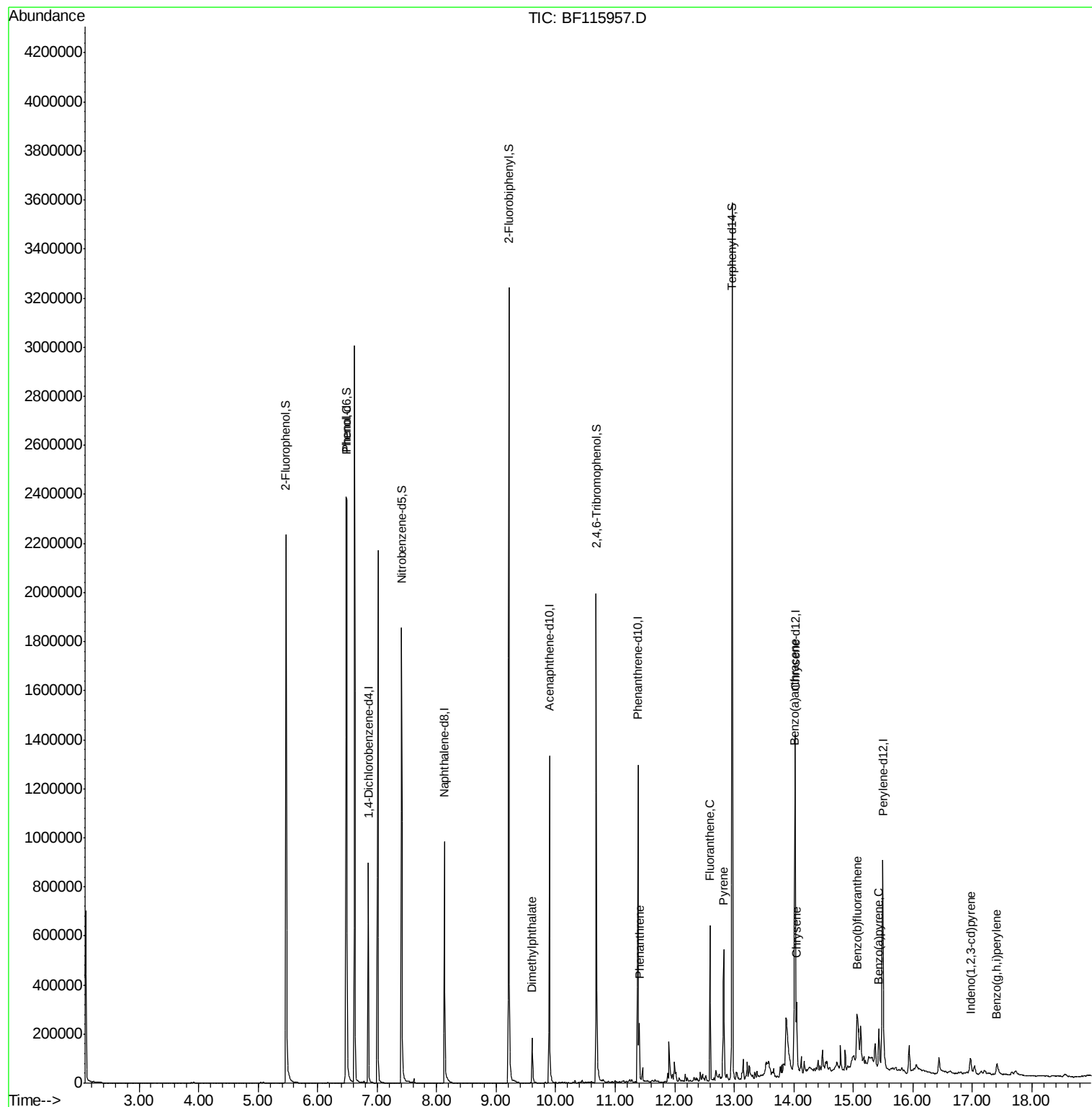
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115957.D
Acq On : 2 Aug 2019 20:04
Operator : HP/JU
Sample : K4130-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

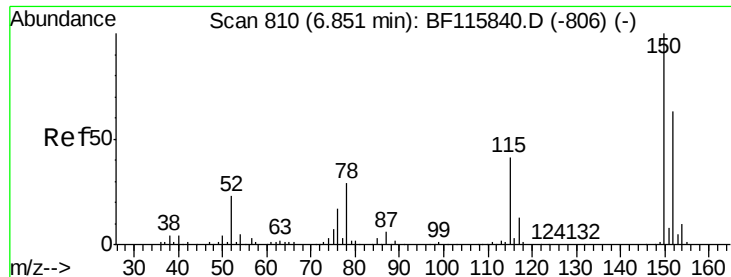
Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

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Quant Time: Aug 03 01:18:21 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

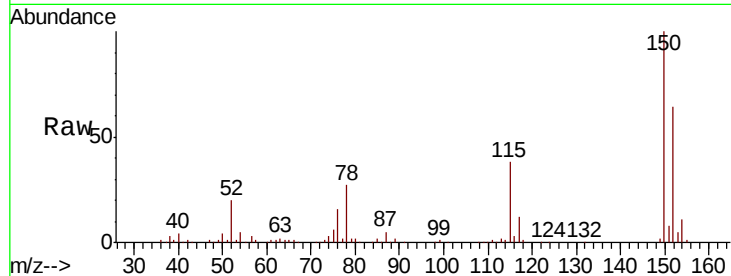
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.0
115	60.3	51.8	77.8

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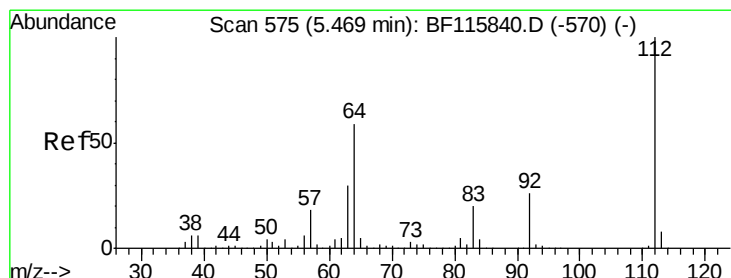
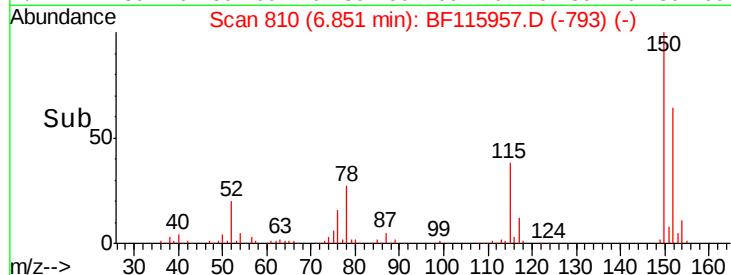
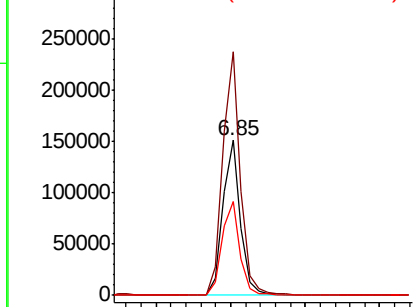


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

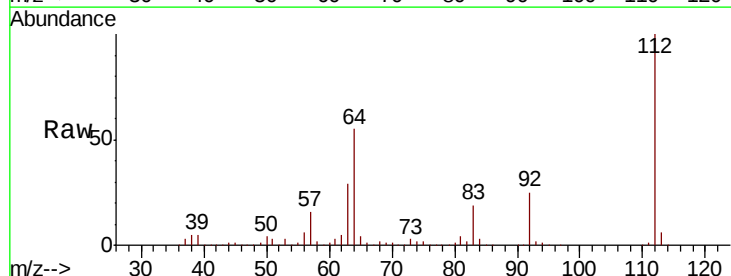
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.099 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.8	70.2
63	28.7	24.2	36.2

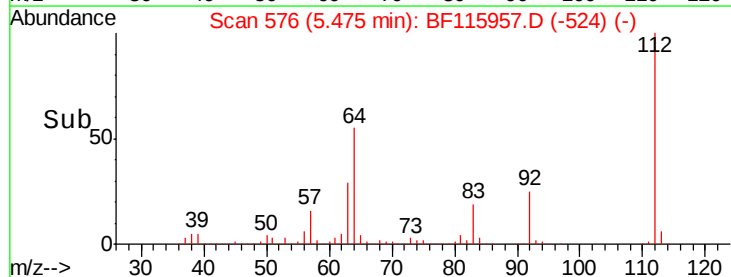
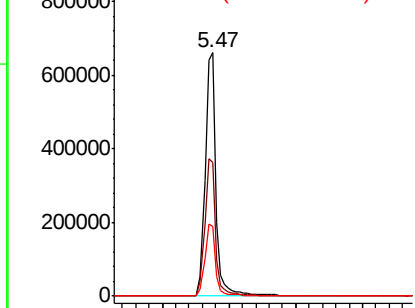


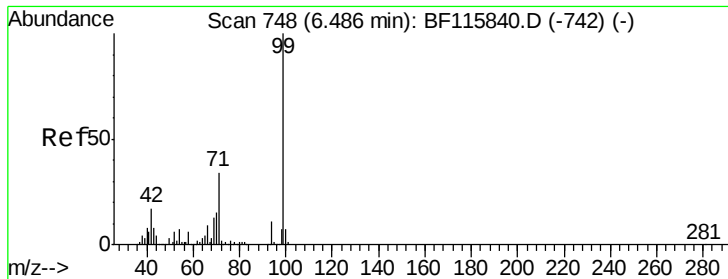
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.236 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Instrument :

BNA_F

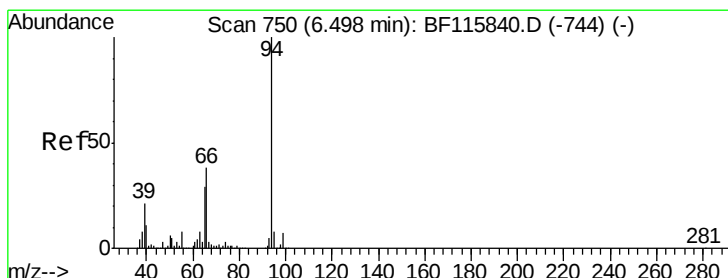
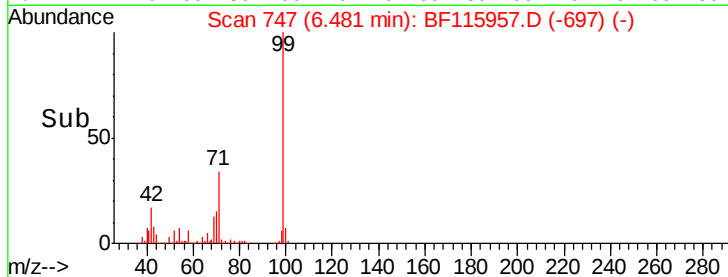
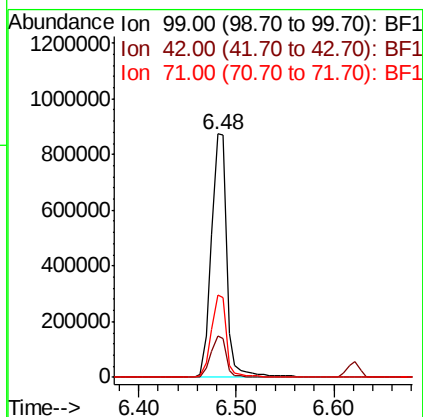
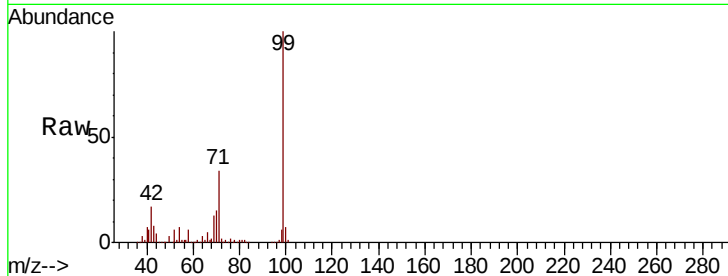
ClientSampleId :

1S-L-(0-30)-COMP

Tot Ion:	99	Resp:	971807
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.0	27.1	40.7

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#10

Phenol

Concen: 4.775 ng

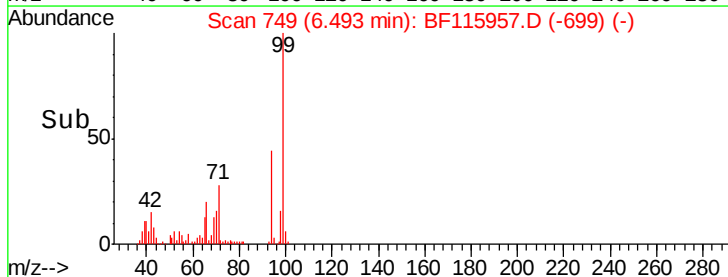
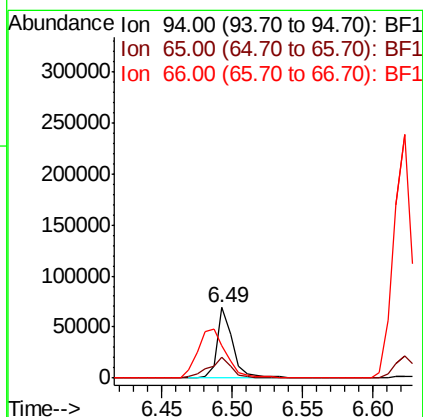
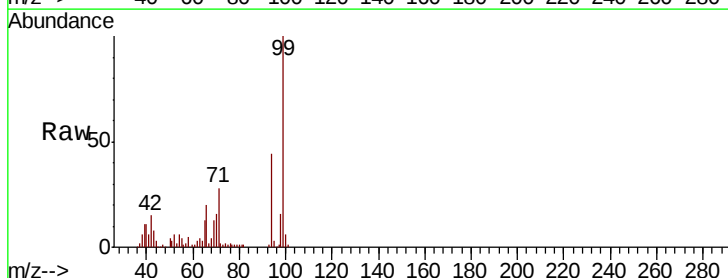
RT: 6.49 min Scan# 749

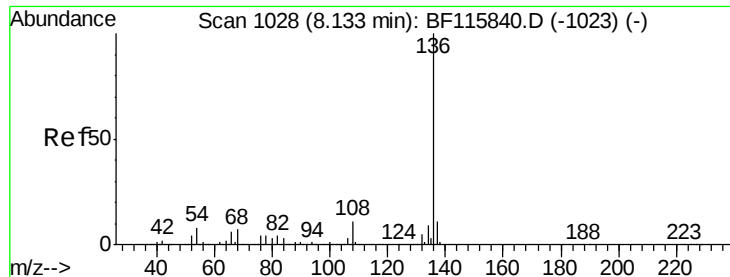
Delta R.T. -0.01 min

Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Tgt Ion:	94	Resp:	53451
Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.9	48.9
66	46.1	18.0	58.0





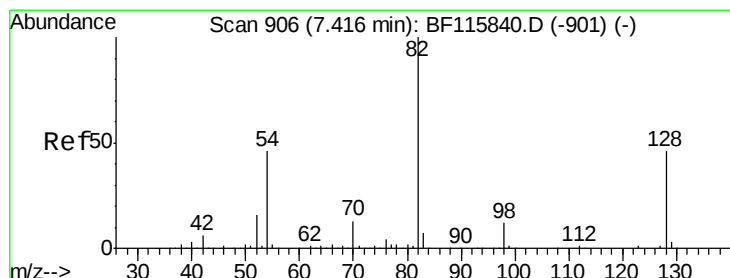
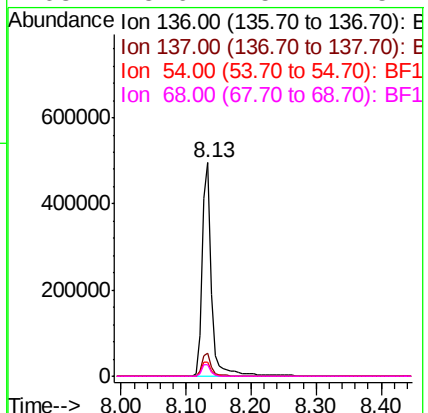
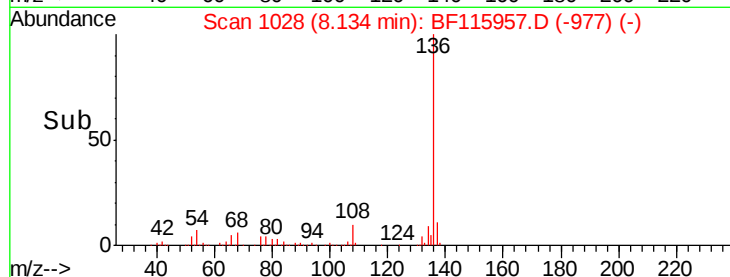
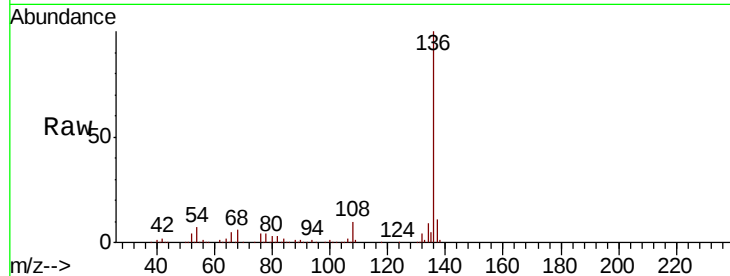
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	493526		
137	11.1		9.1	13.7
54	6.7		6.1	9.1
68	5.6		5.4	8.2

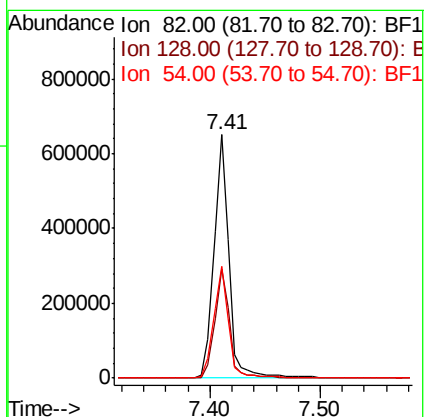
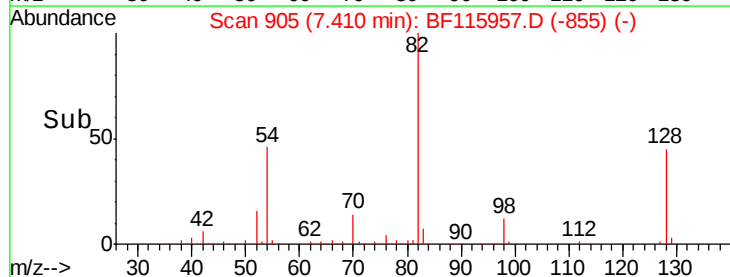
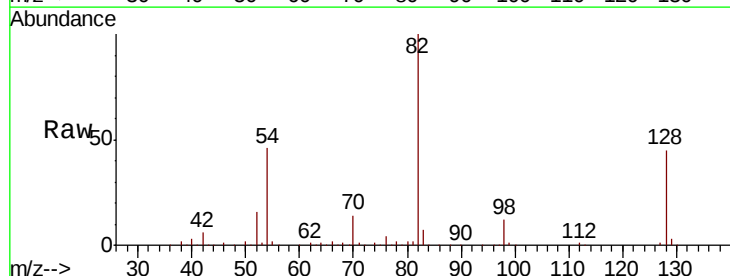
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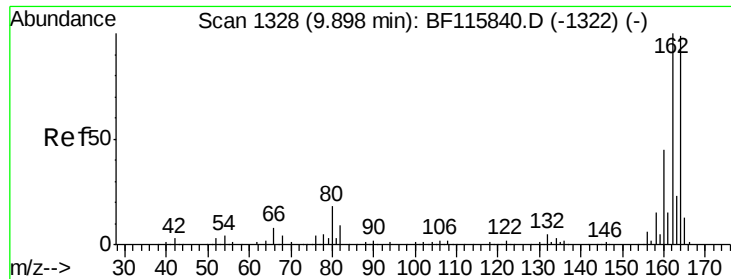
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#23
Nitrobenzene-d5
Concen: 70.777 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	605133		
128	45.1		36.6	55.0
54	45.8		36.6	55.0





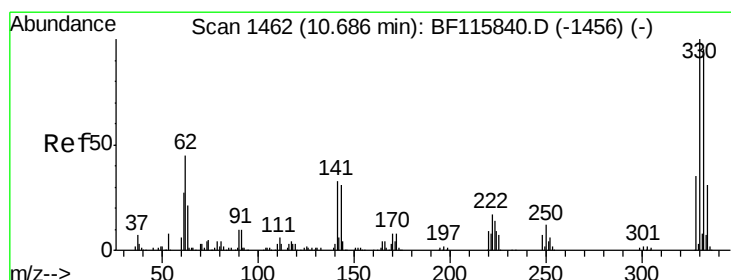
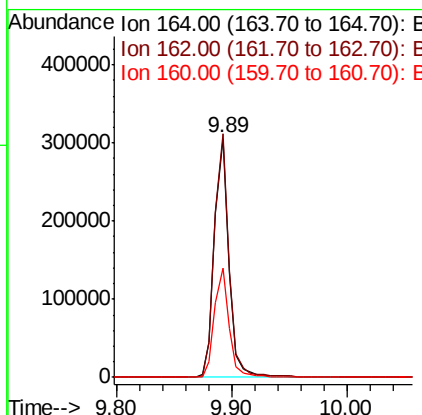
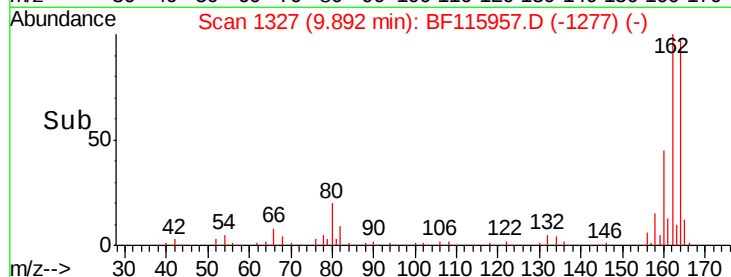
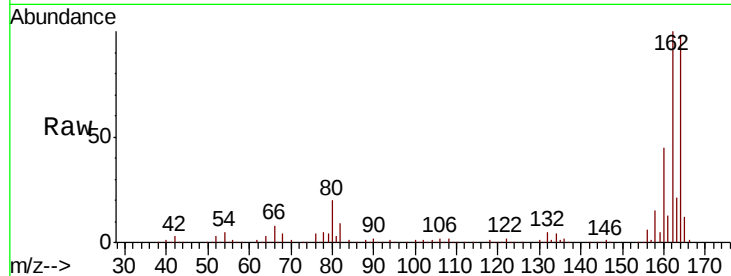
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	80.8	121.2	
160	45.8	36.2	54.4	

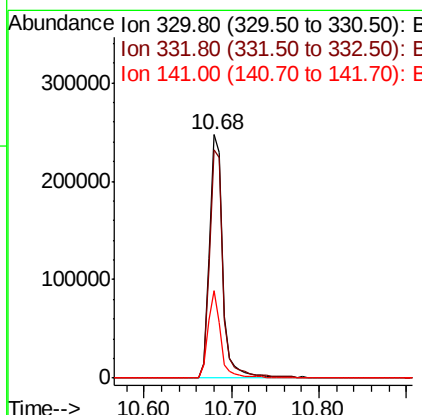
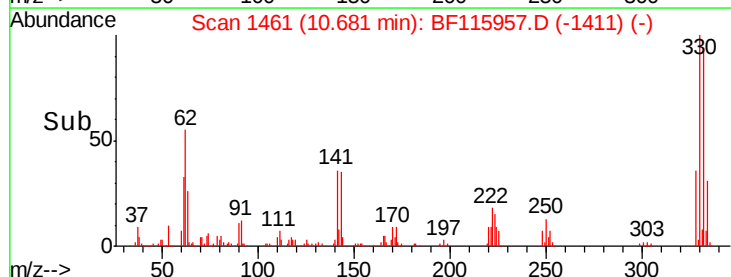
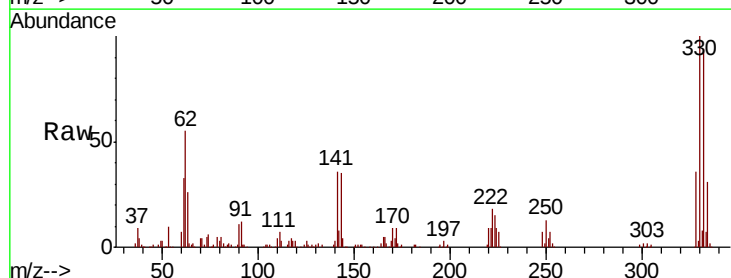
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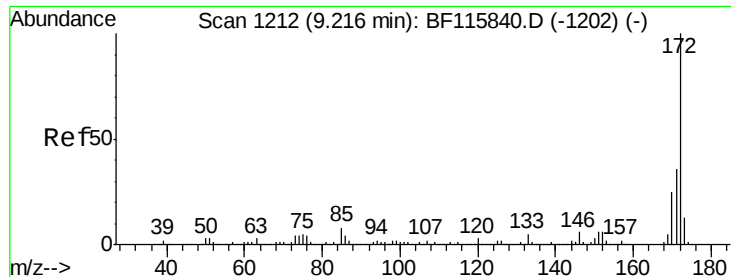
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#42
2,4,6-Tribromophenol
Concen: 101.620 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.7	116.5	
141	34.2	28.1	42.1	





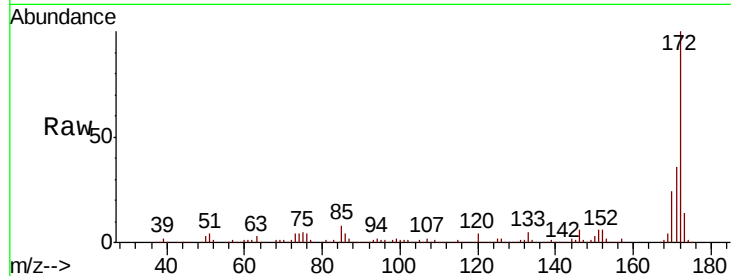
#45
2-Fluorobiphenyl
Concen: 72.127 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

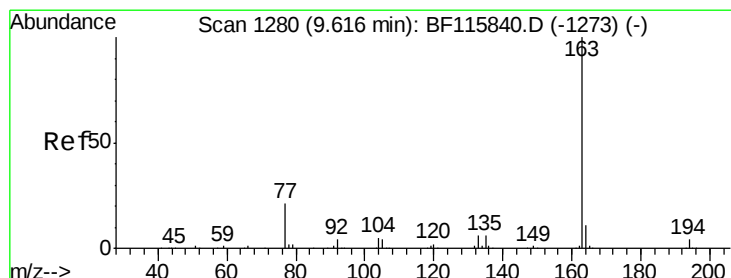
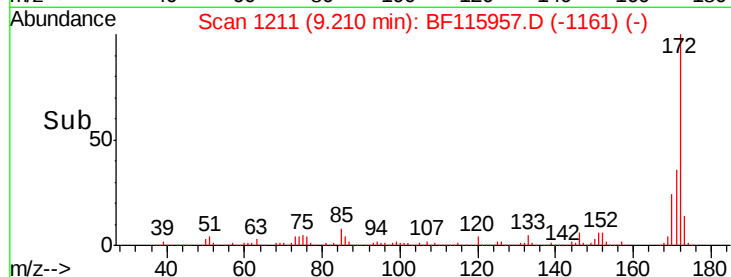
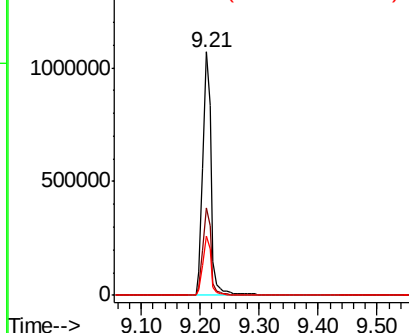
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	24.4	20.1	30.1

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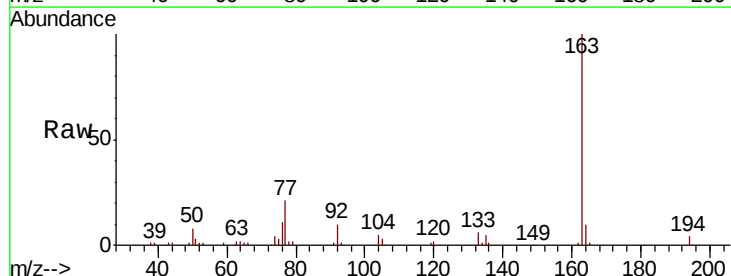


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

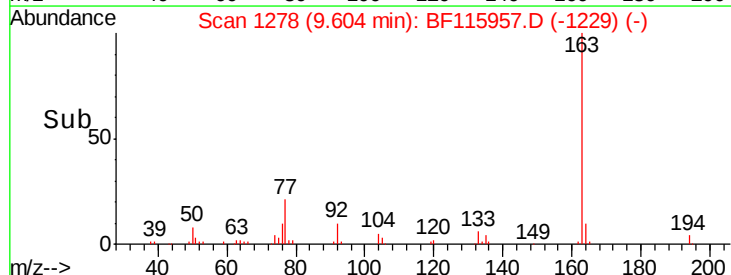
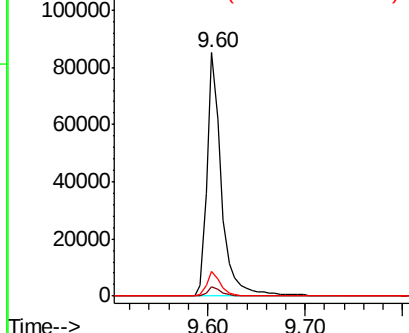


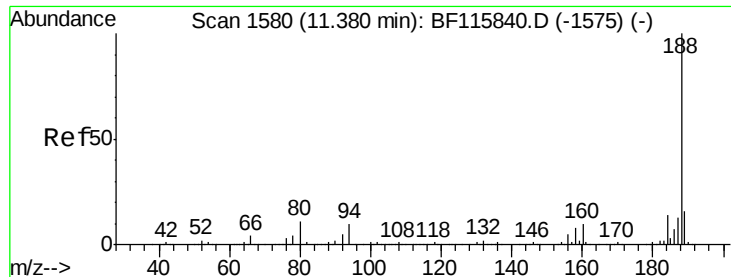
#50
Dimethylphthalate
Concen: 4.788 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Instrument :

BNA_F

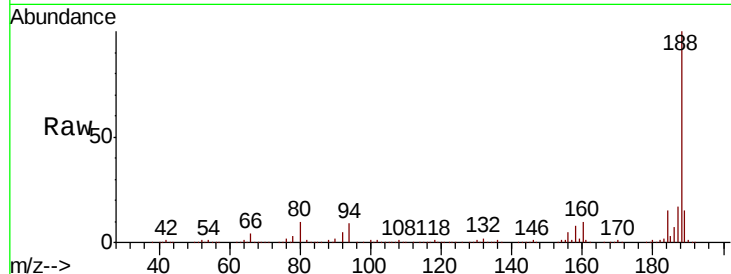
ClientSampleId :

1S-L-(0-30)-COMP

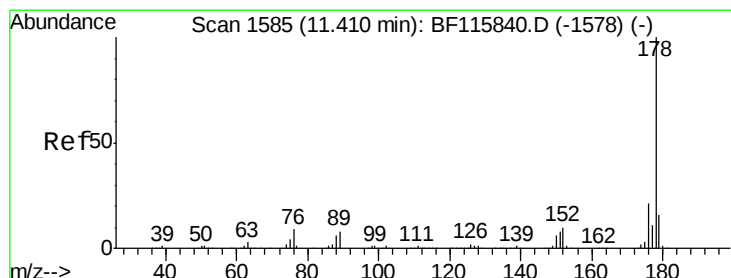
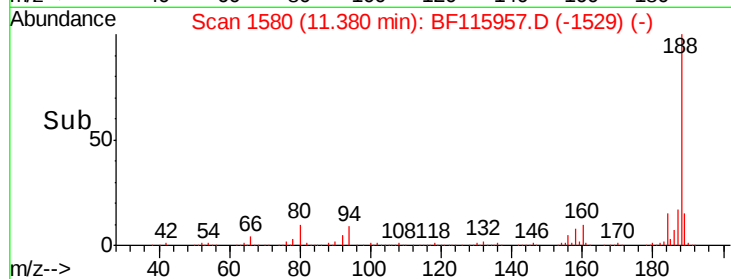
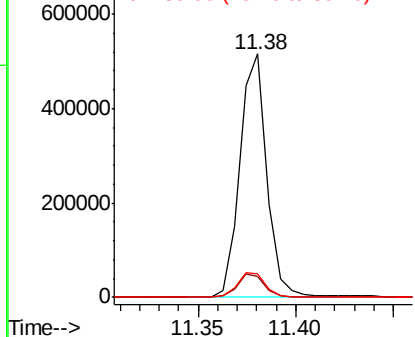
Tot Ion:	188	Resp:	493054
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.0	12.0
80	9.5	8.6	12.8

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 3.594 ng

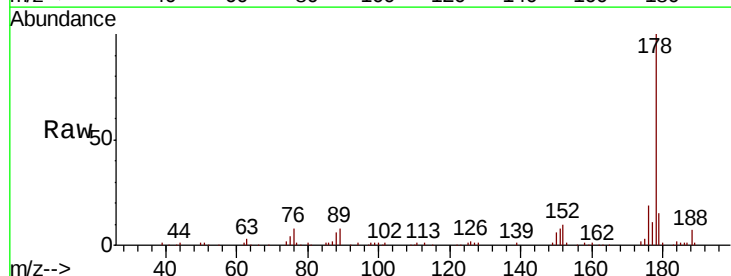
RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

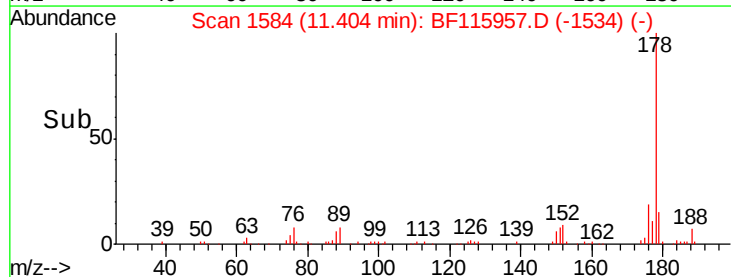
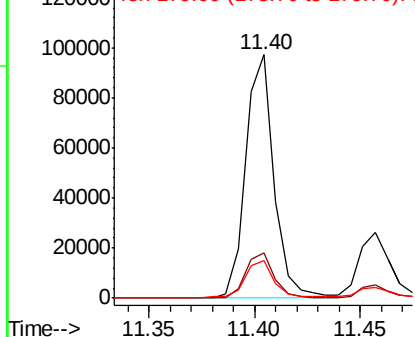
Lab File: BF115957.D

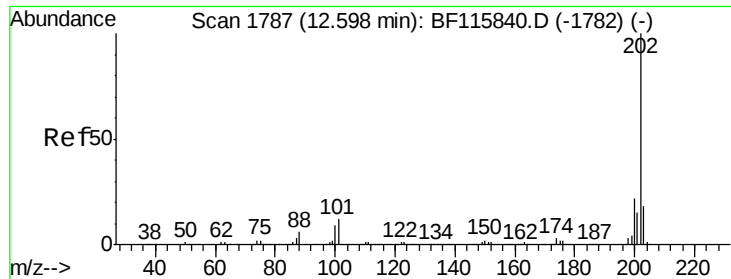
Acq: 2 Aug 2019 20:04

Tgt Ion:	178	Resp:	90585
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.5	24.7
179	15.3	12.6	18.8



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: 9.218 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Instrument :

BNA_F

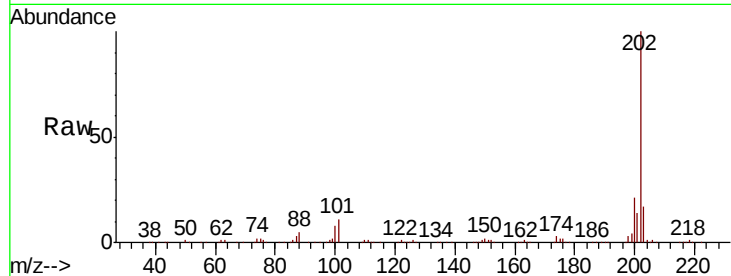
ClientSampleId :

1S-L-(0-30)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	243240		
101	10.8	0.0	31.5	
203	17.3	0.0	37.9	

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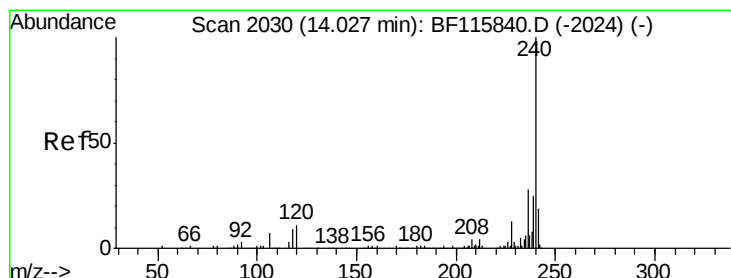
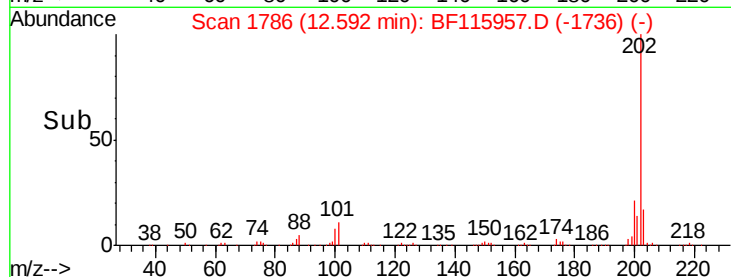
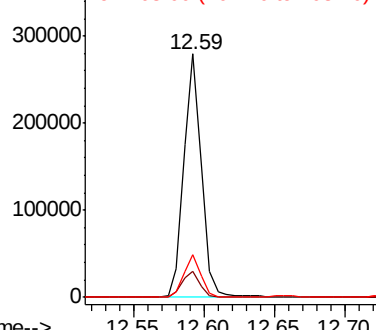


Abundance

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

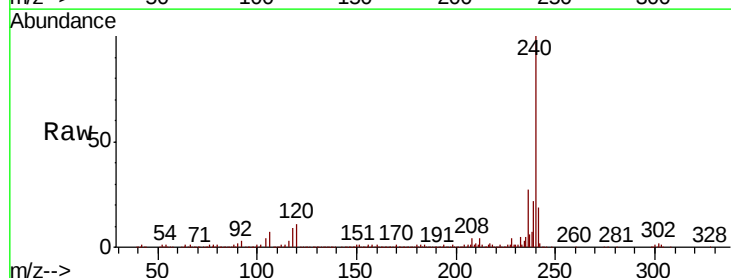
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	400543		
120	10.8	8.5	12.7	
236	27.2	22.2	33.2	

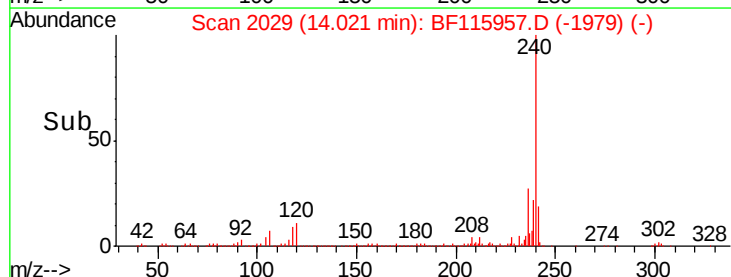
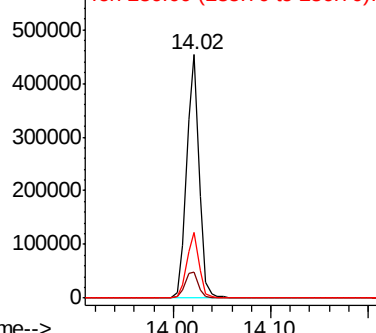


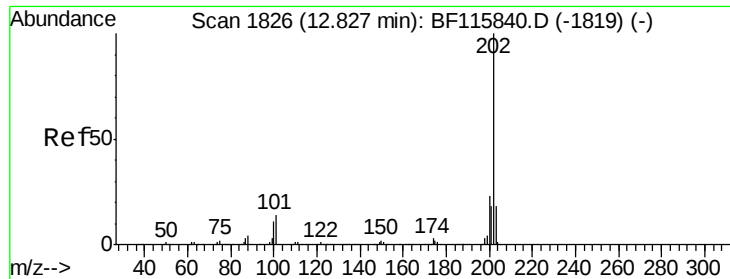
Abundance

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





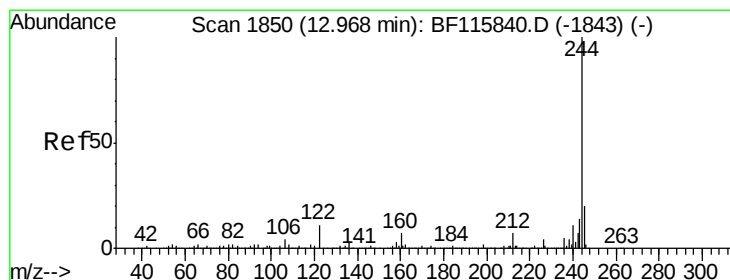
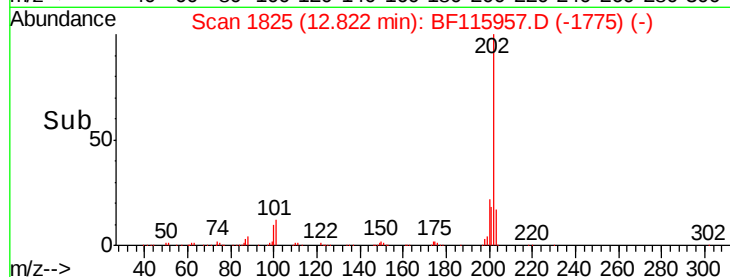
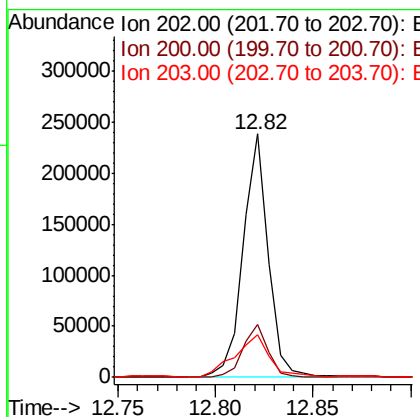
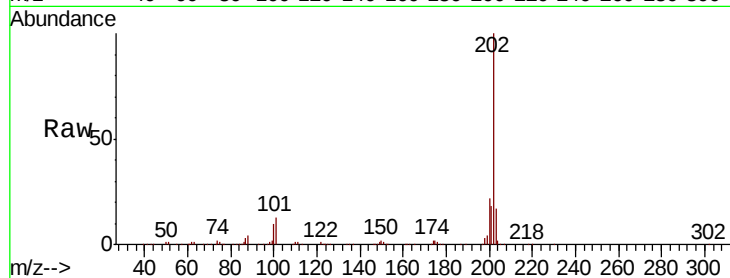
#78
Pvrene
Concen: 7.014 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	17.4	14.3	21.5

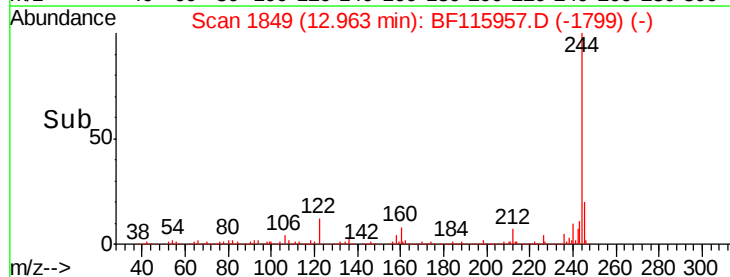
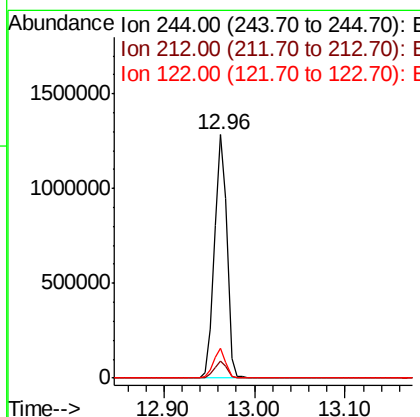
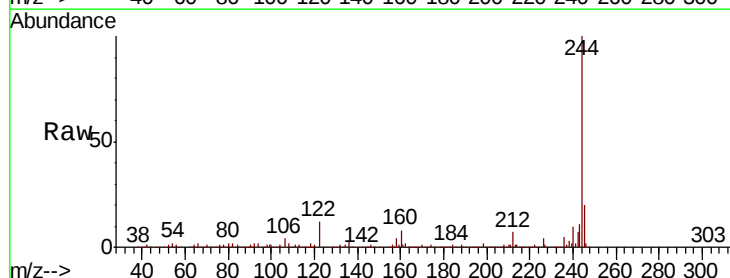
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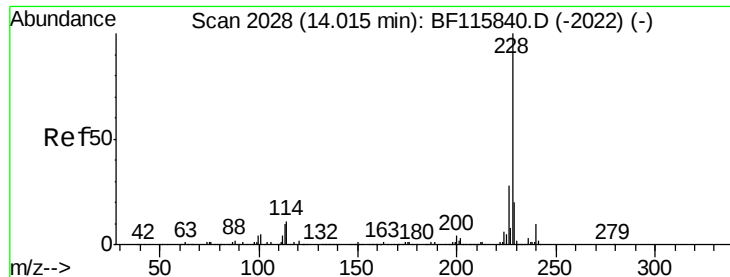
mohammad
8/8/2019 4:44:32 PM



#79
Terphenyl-d14
Concen: 64.329 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.1	8.6	13.0





#81

Benzo(a)anthracene

Concen: 4.535 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Instrument :

BNA_F

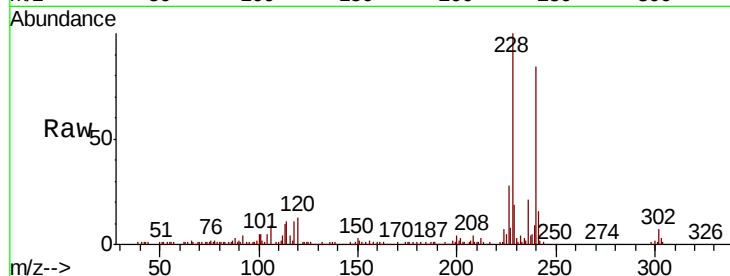
ClientSampleId :

1S-L-(0-30)-COMP

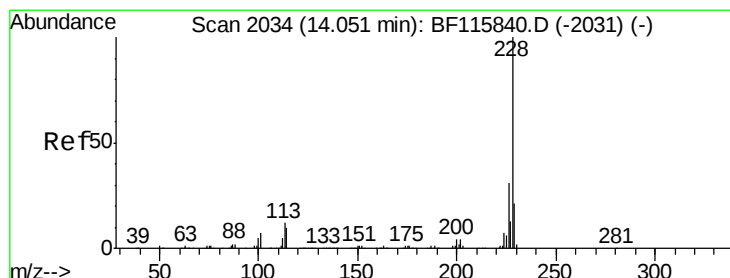
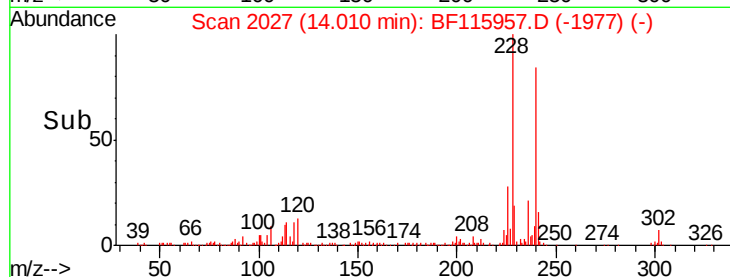
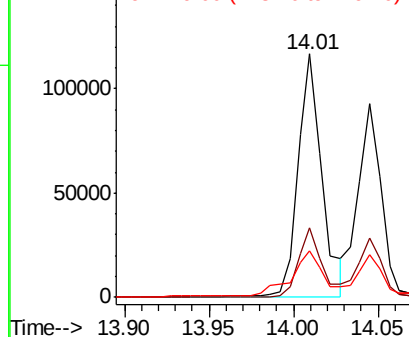
Tot Ion:	228	Resp:	116106
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.5	33.7
229	19.3	16.1	24.1

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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



#83

Chrysene

Concen: 3.580 ng

RT: 14.05 min Scan# 2033

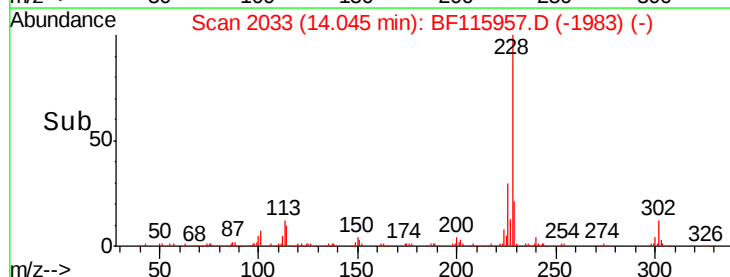
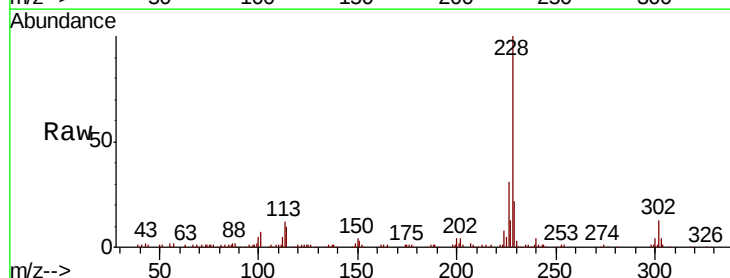
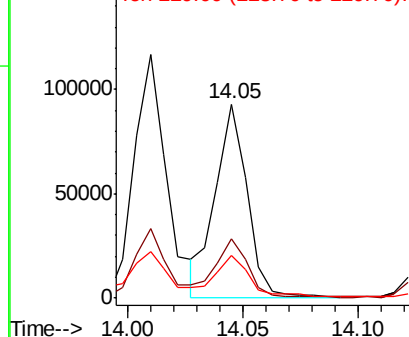
Delta R.T. -0.01 min

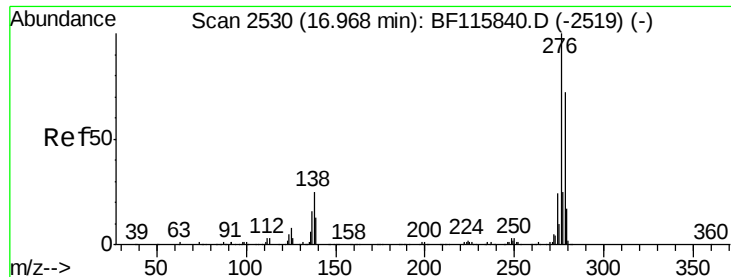
Lab File: BF115957.D

Acq: 2 Aug 2019 20:04

Tgt Ion:	228	Resp:	88977
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.8	37.2
229	21.9	16.4	24.6

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





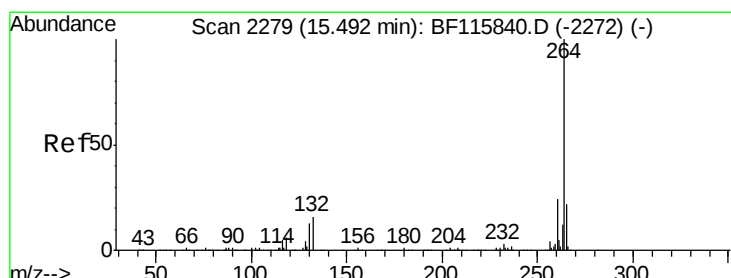
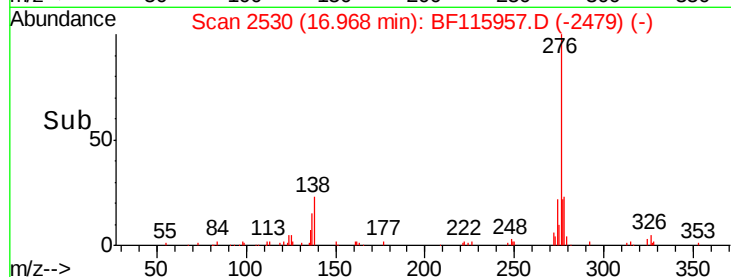
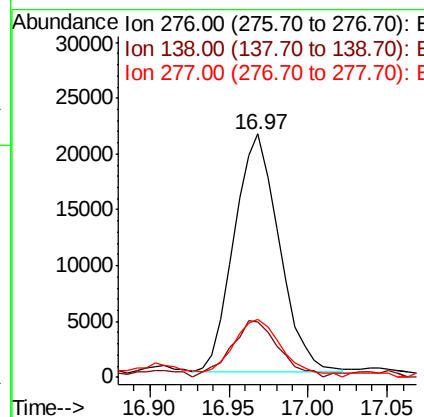
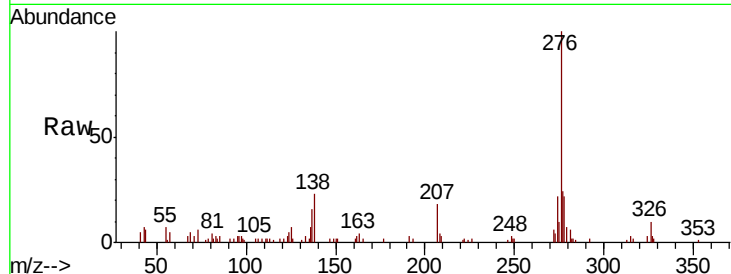
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.004 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF115957.D
 Acq: 2 Aug 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 1S-L-(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	26.9	20.1	30.1

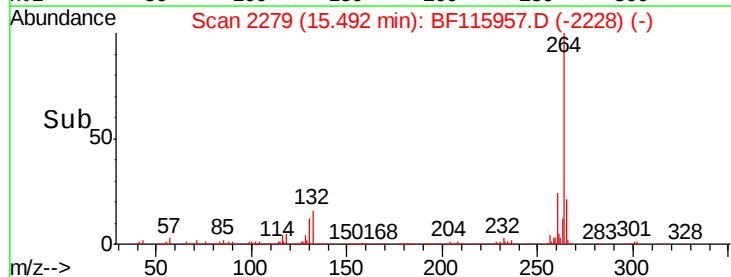
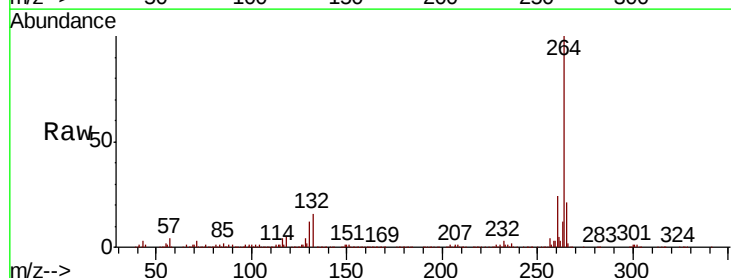
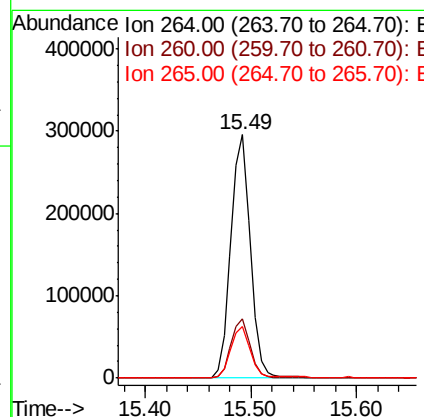
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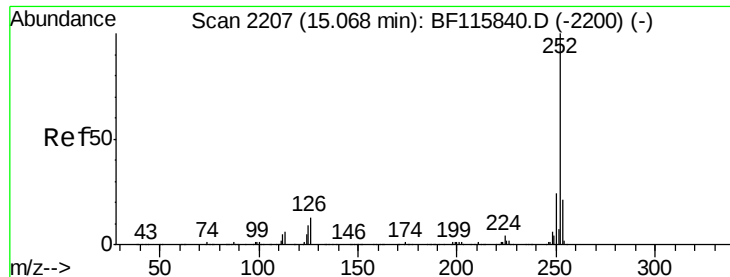
mohammad
 8/8/2019 4:44:32 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF115957.D
 Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.0	17.5	26.3





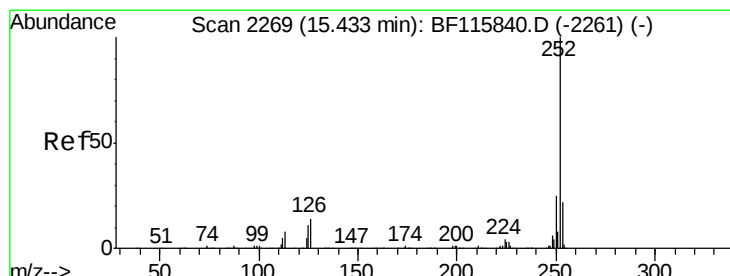
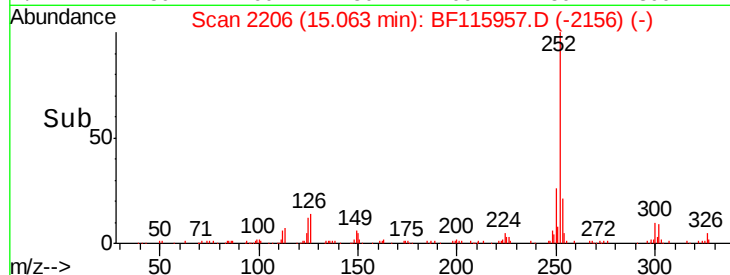
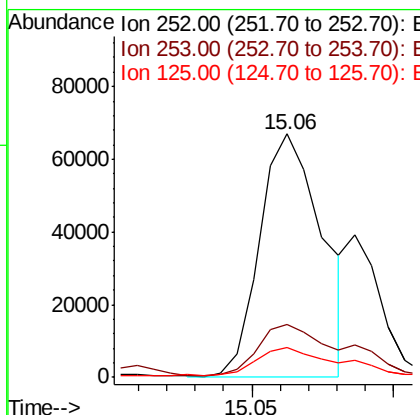
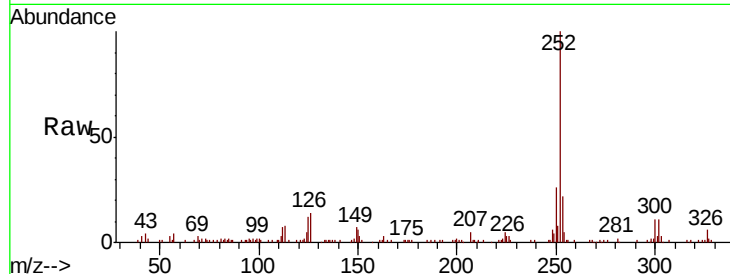
#88
Benzo(b)fluoranthene
Concen: 4.652 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.5	7.4	11.0

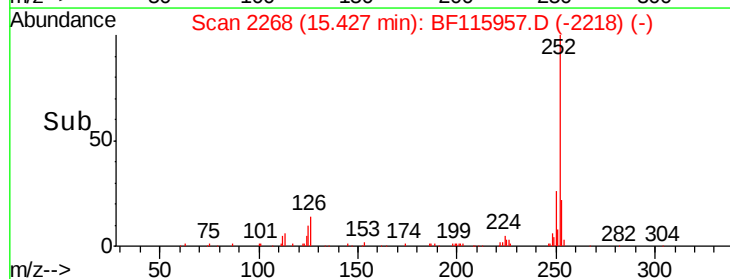
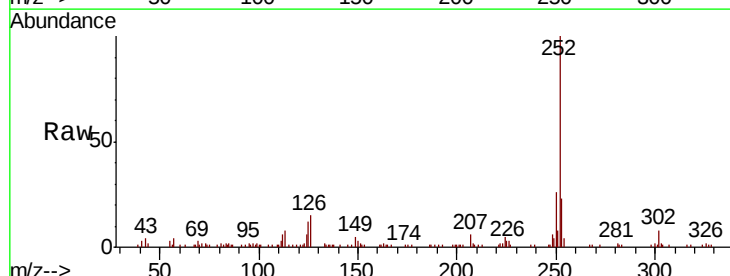
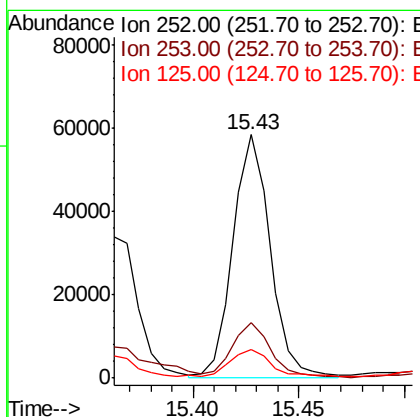
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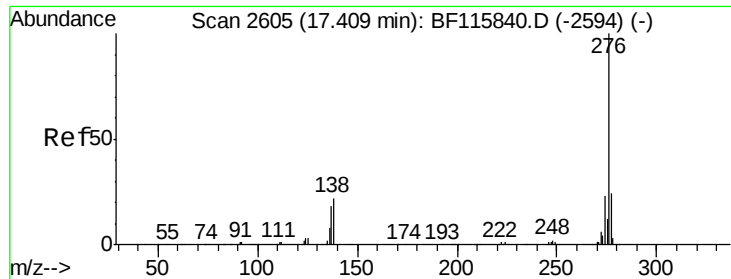
mohammad
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#90
Benzo(a)pyrene
Concen: 3.675 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115957.D
Acq: 2 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.0	8.8	13.2





#92
 Benzo(a,h,i)perylene
 Concen: 2.432 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: BF115957.D
 Acq: 2 Aug 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 1S-L-(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.5	29.3
138	22.0	17.8	26.8

Manual Integrations
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