

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118245.D
 Acq On : 18 Dec 2019 00:04
 Operator : JU
 Sample : K6292-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11999

Manual Integrations
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mohammad
 12/18/2019 2:41:19 PM

Quant Time: Dec 18 07:08:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126142	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	480118	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	220784	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	348239	20.00	ng	0.00
76) Chrysene-d12	14.06	240	255029	20.00	ng	0.00
87) Perylene-d12	15.56	264	204960	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	264441	36.72	ng	0.00
7) Phenol-d6	6.49	99	414894	47.63	ng	-0.01
23) Nitrobenzene-d5	7.42	82	235906	27.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	53611	19.99	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	447943	30.87	ng	-0.02
79) Terphenyl-d14	13.00	244	378786	25.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	37713	2.313	ng	99
71) Phenanthrene	11.43	178	62837	3.394	ng	98
75) Fluoranthene	12.63	202	116488	6.155	ng	98
78) Pyrene	12.86	202	104886	5.219	ng	98
81) Benzo(a)anthracene	14.05	228	53578	3.038	ng	93
83) Chrysene	14.09	228	49371	2.931	ng	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	596434	49.696	ng	# 72
85) Di-n-octyl phthalate	14.66	149	1242883	68.364	ng	# 98
88) Benzo(b)fluoranthene	15.12	252	53965m	3.981	ng	
90) Benzo(a)pyrene	15.50	252	34115	2.850	ng	# 66
92) Benzo(g,h,i)perylene	17.52	276	23497	2.381	ng	# 88

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

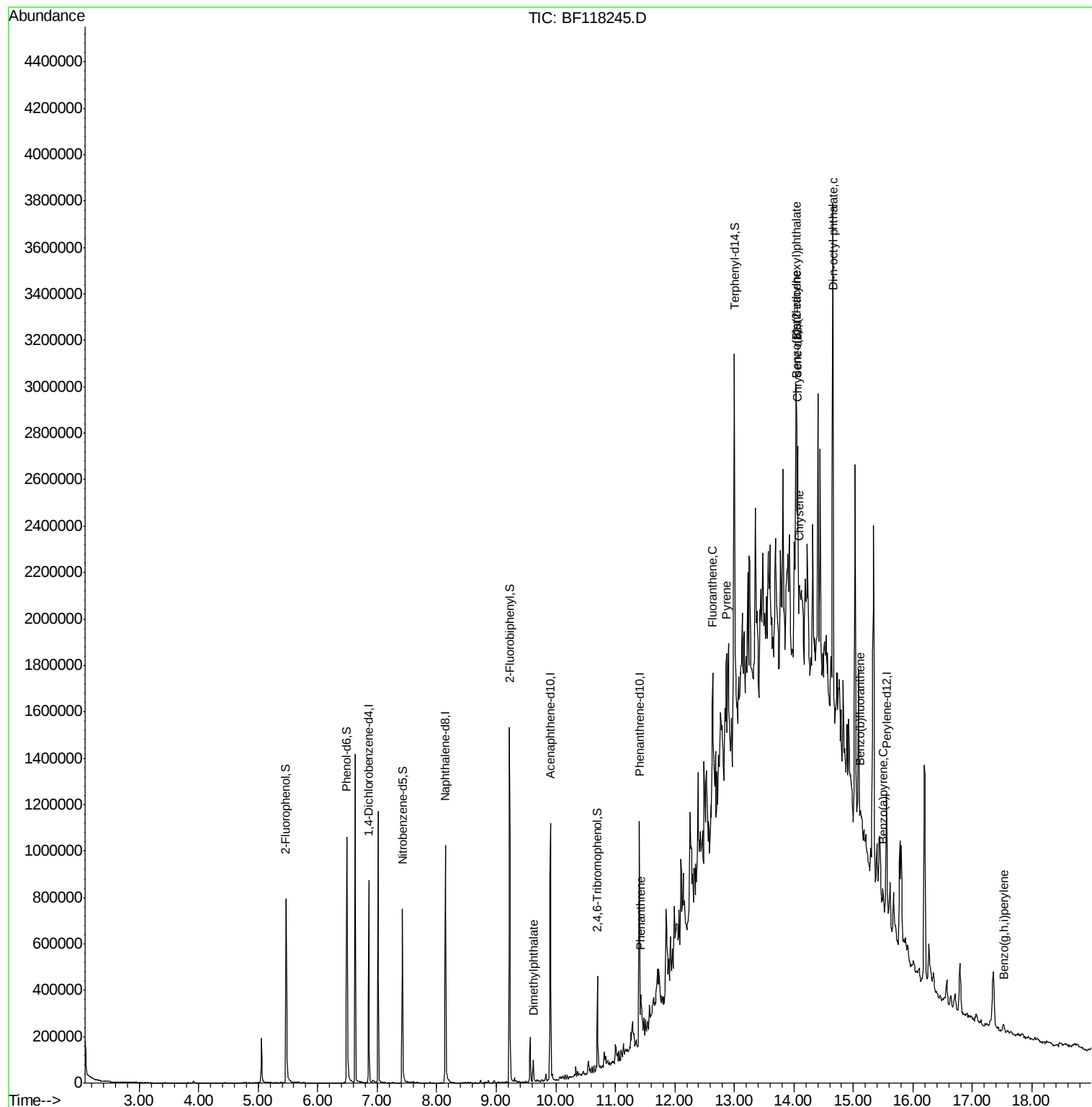
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118245.D
Acq On : 18 Dec 2019 00:04
Operator : JU
Sample : K6292-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

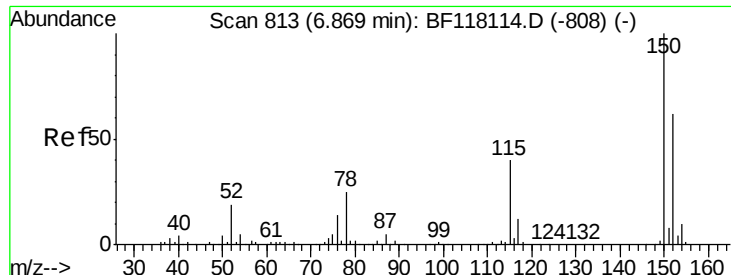
Instrument :
BNA_F
ClientSampleId :
72-11999

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Quant Time: Dec 18 07:08:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration





#1

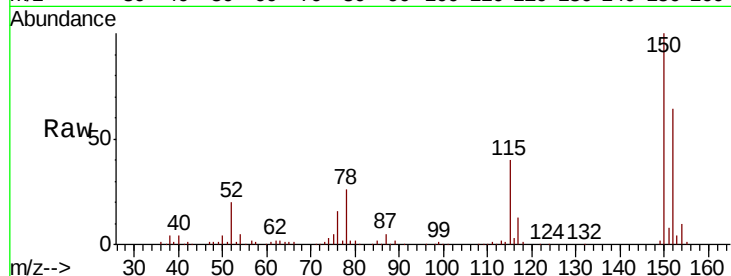
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Instrument :
BNA_F
ClientSampleId :
72-11999

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.3	192.5
115	62.5	51.1	76.7

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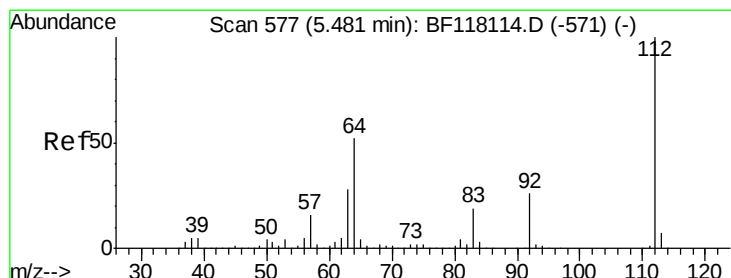
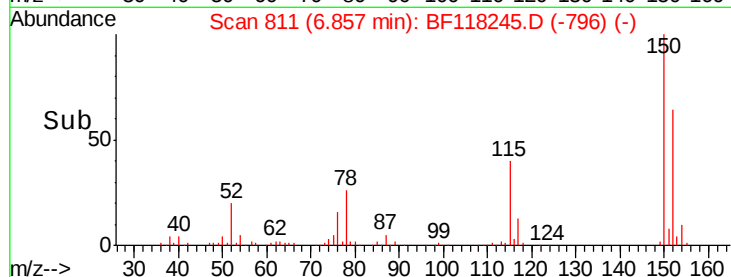
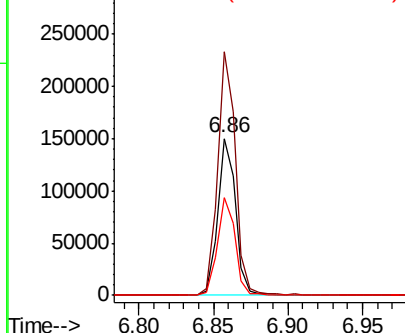


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

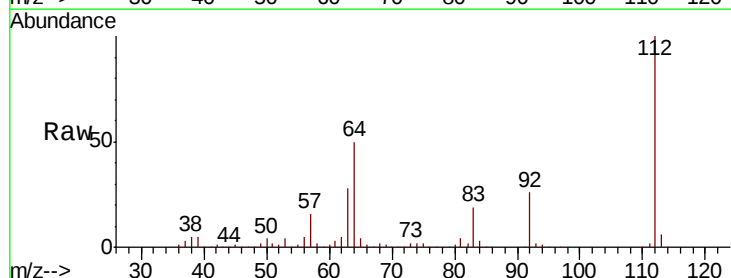
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.717 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	41.3	61.9
63	28.1	22.4	33.6

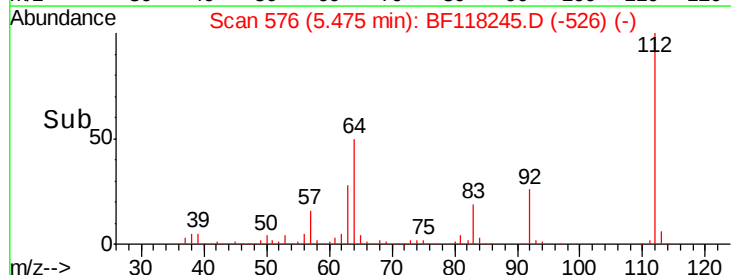
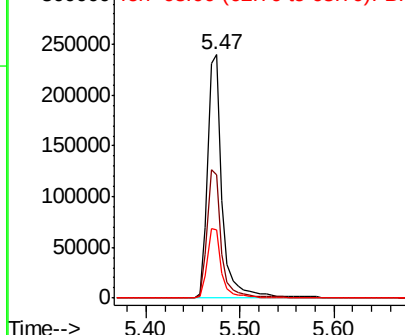


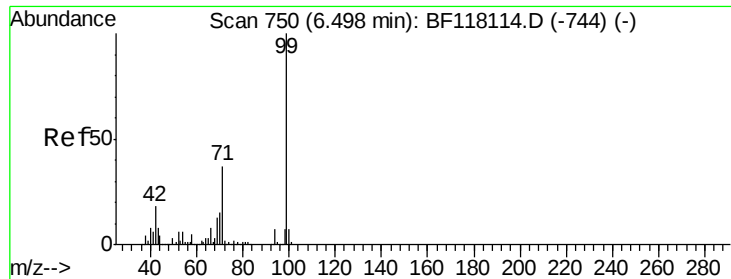
Abundance

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: 47.628 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

Instrument :

BNA_F

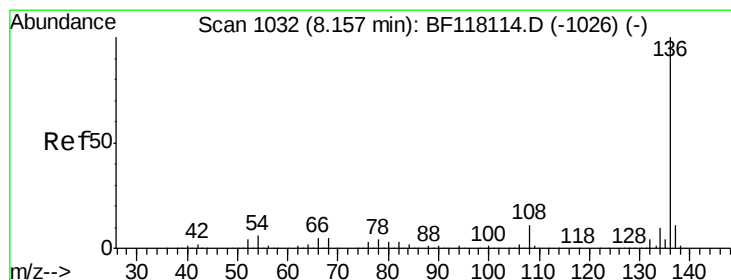
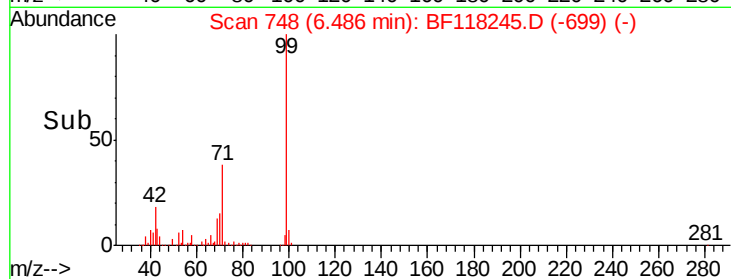
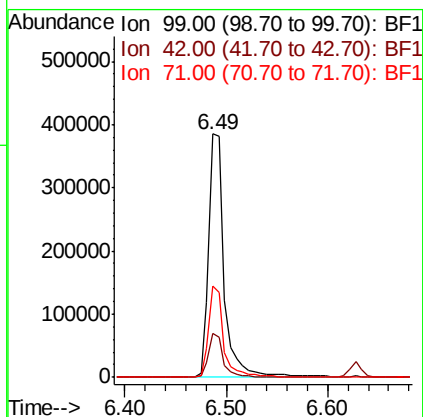
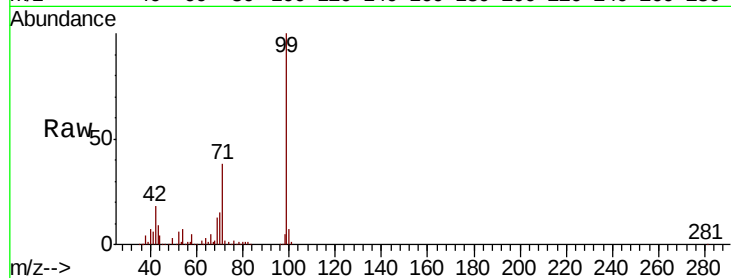
ClientSampled :

72-11999

Tot Ion:	99	Resp:	414894
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	37.5	29.7	44.5

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#21

Naphthalene-d8

Concen: 20.000 ng

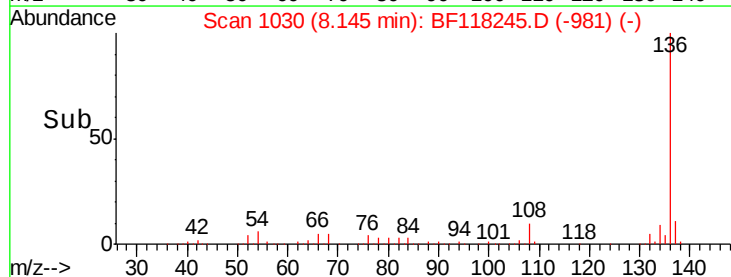
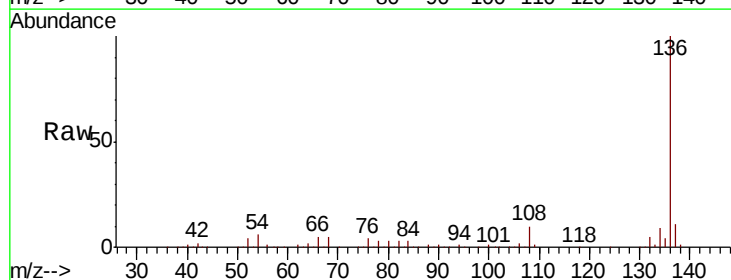
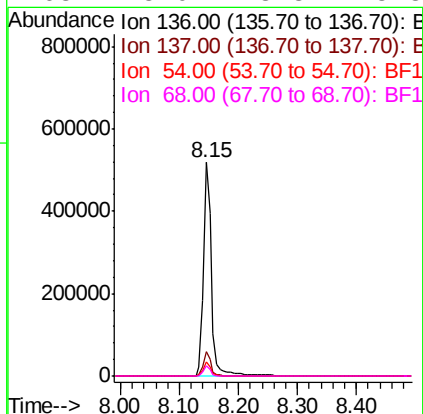
RT: 8.15 min Scan# 1030

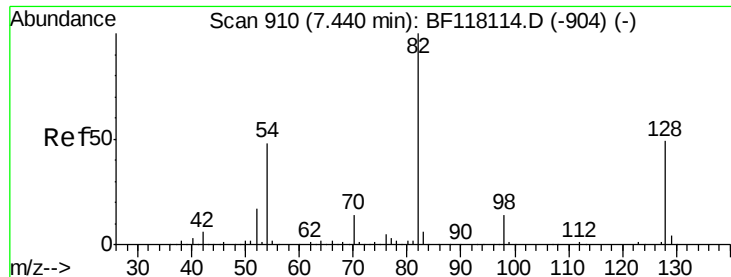
Delta R.T. -0.01 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

Tgt Ion:	136	Resp:	480118
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.5	5.0	7.6
68	5.0	3.8	5.8





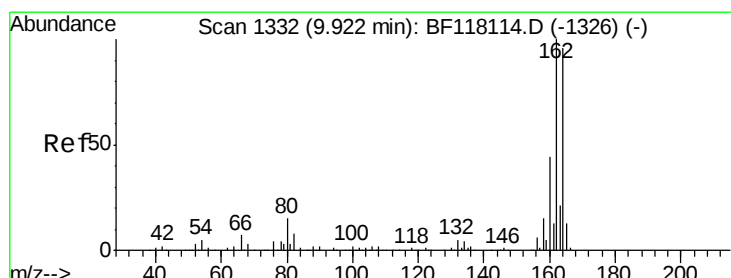
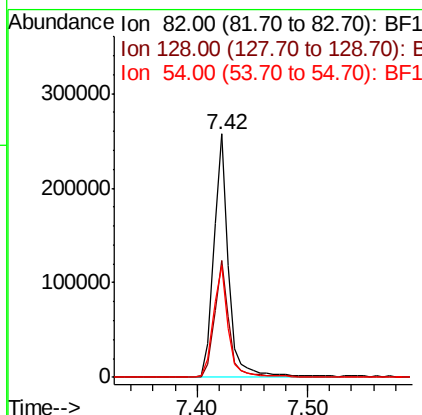
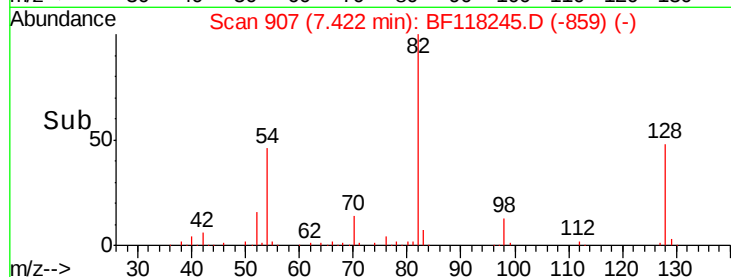
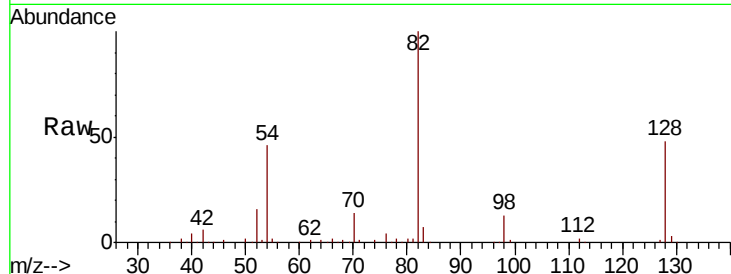
#23
Nitrobenzene-d5
Concen: 27.642 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Instrument :
BNA_F
ClientSampleId :
72-11999

Tot Ion	Ratio	Resp	Lower	Upper
82	100	235906		
128	48.1		39.1	58.7
54	46.0		38.2	57.2

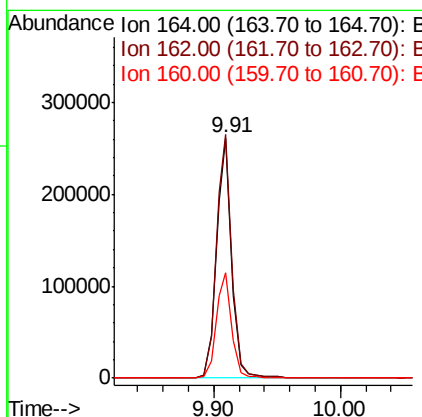
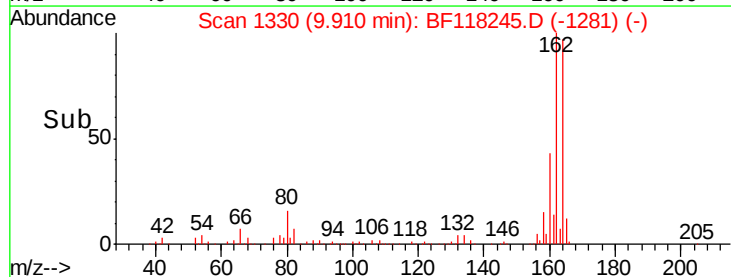
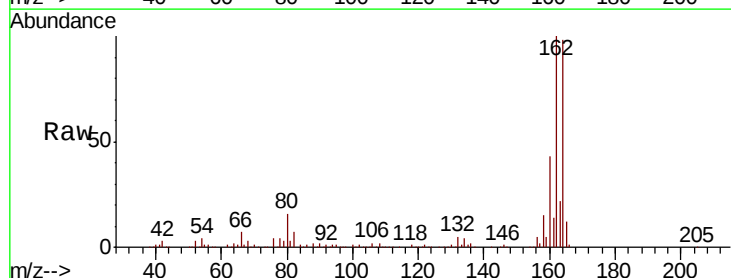
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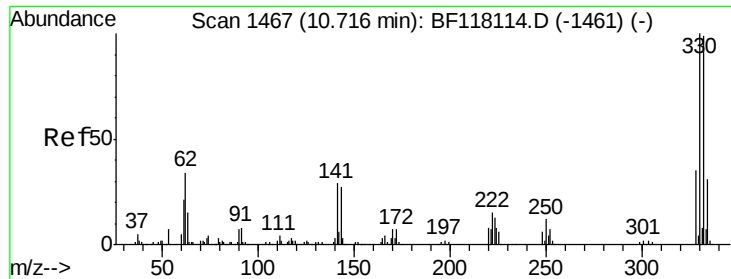
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220784		
162	101.5		83.4	125.0
160	43.8		36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 19.988 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

Instrument :

BNA_F

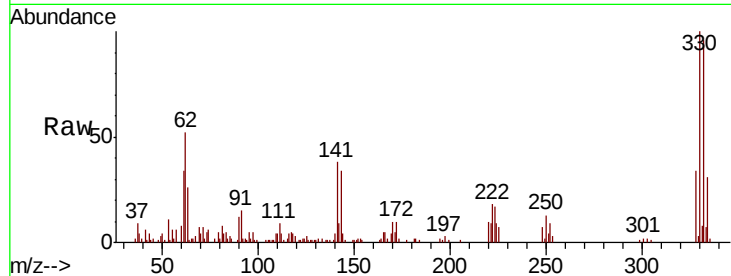
ClientSampleId :

72-11999

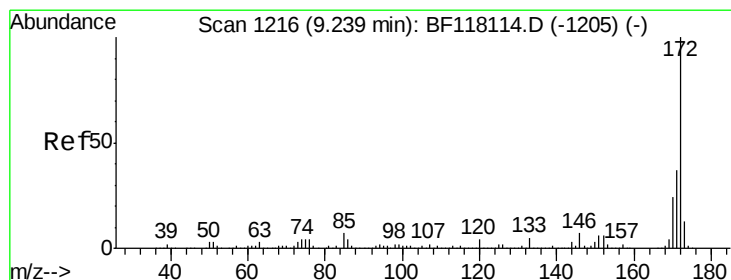
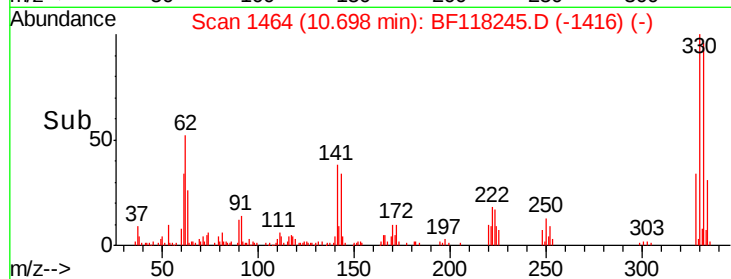
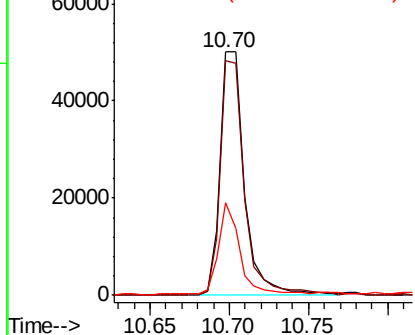
Tot Ion:	330	Resp:	53611
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.1	117.1
141	35.7	26.9	40.3

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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: 30.872 ng

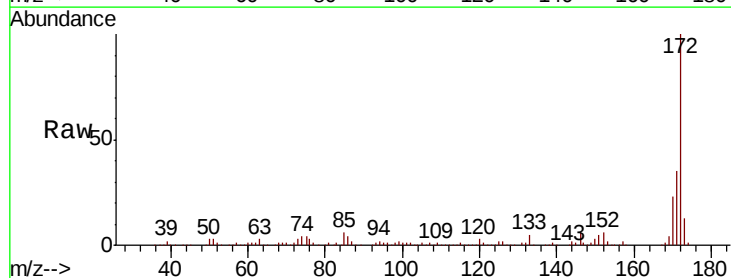
RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

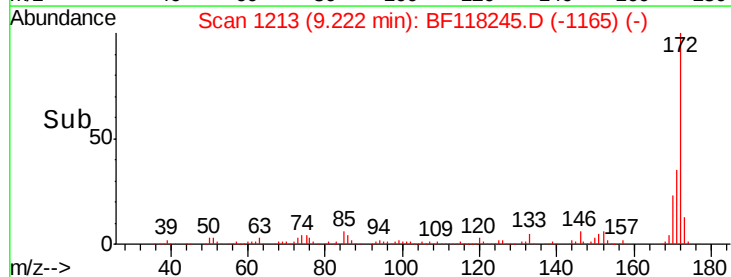
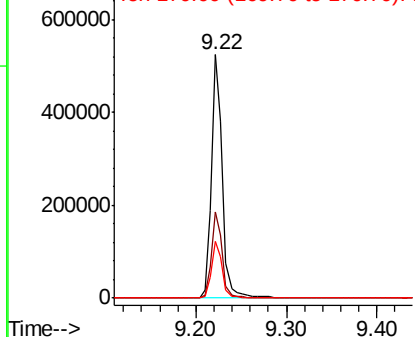
Lab File: BF118245.D

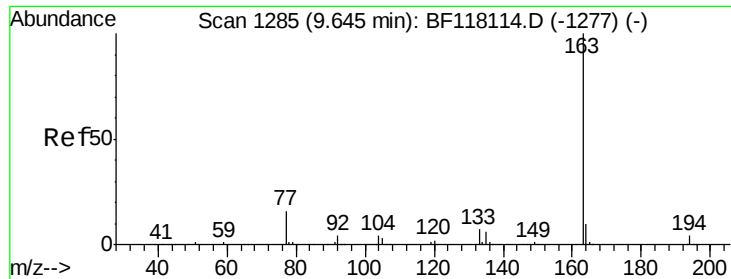
Acq: 18 Dec 2019 00:04

Tgt Ion:	172	Resp:	447943
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.2	43.8
170	23.1	19.4	29.2



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





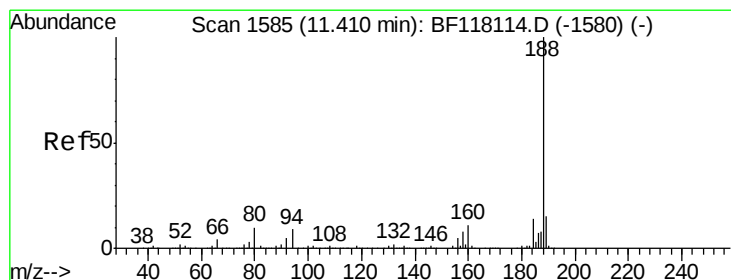
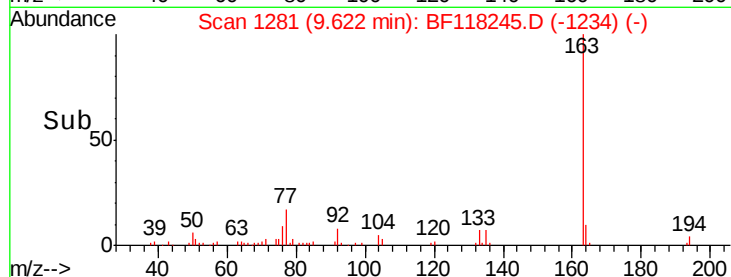
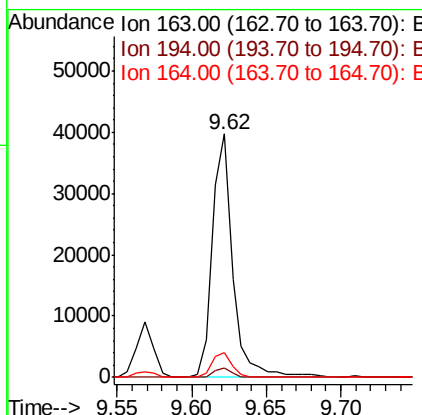
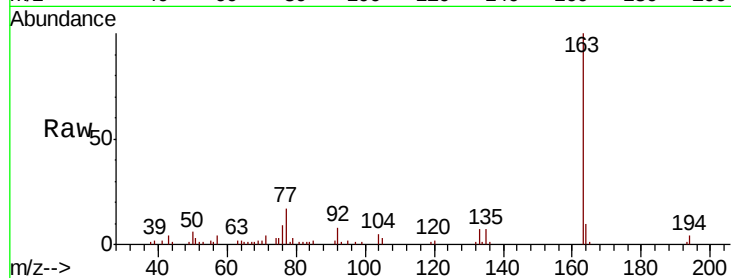
#50
Dimethylphthalate
Concen: 2.313 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Instrument :
BNA_F
ClientSampleID :
72-11999

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	7.7	11.5

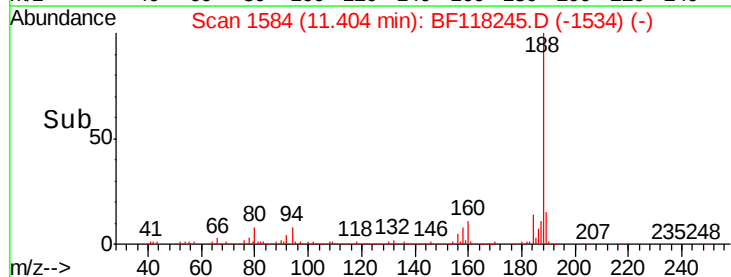
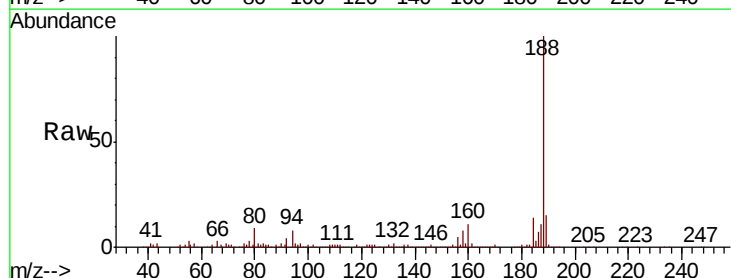
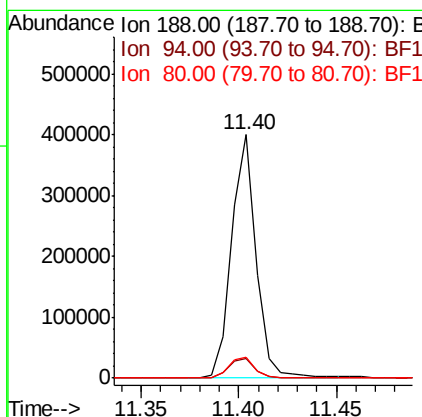
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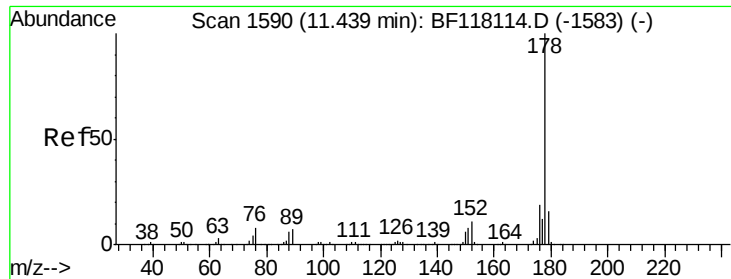
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.5	7.9	11.9





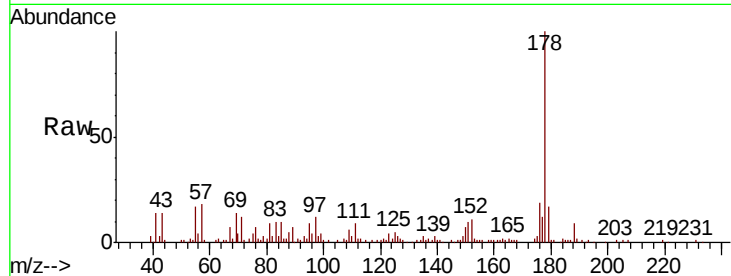
#71
Phenanthrene
Concen: 3.394 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Instrument :
BNA_F
ClientSampled :
72-11999

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	17.2	12.6	18.8

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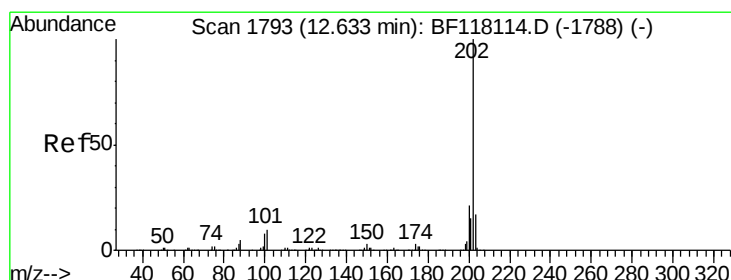
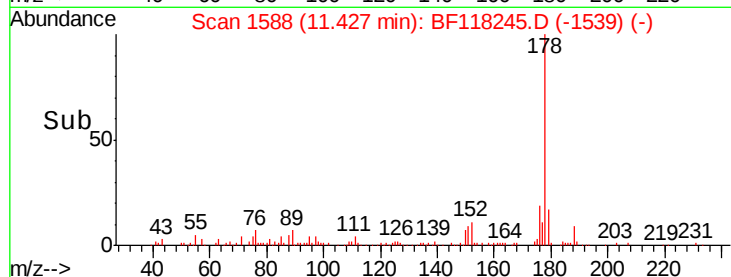
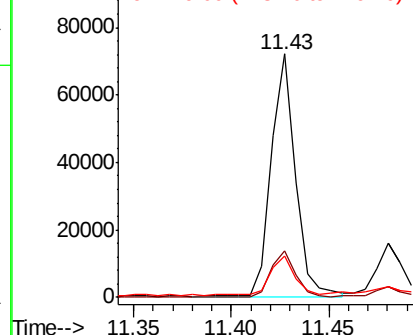


Abundance

Ion 178.00 (177.70 to 178.70): E

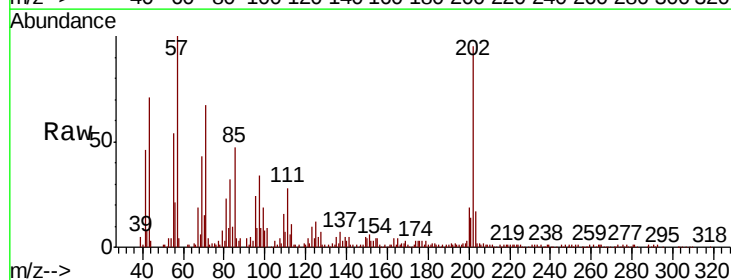
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 6.155 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.4
203	17.7	0.0	37.2

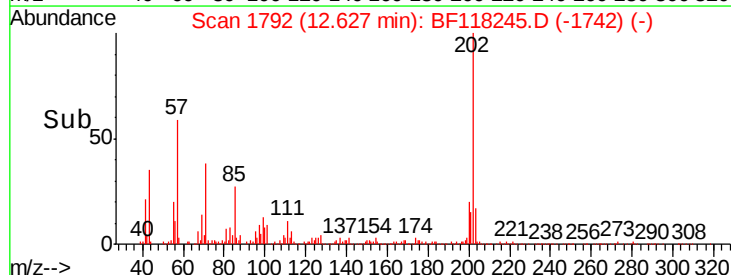
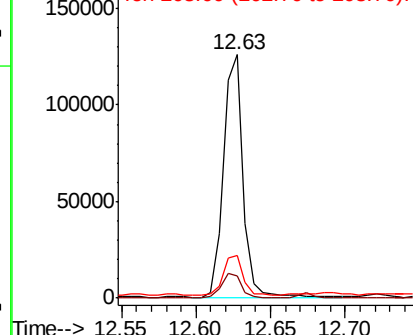


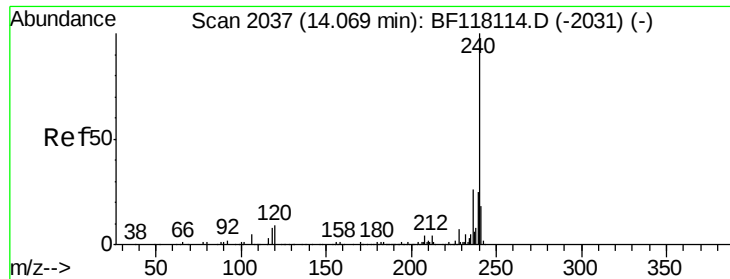
Abundance

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

Instrument :

BNA_F

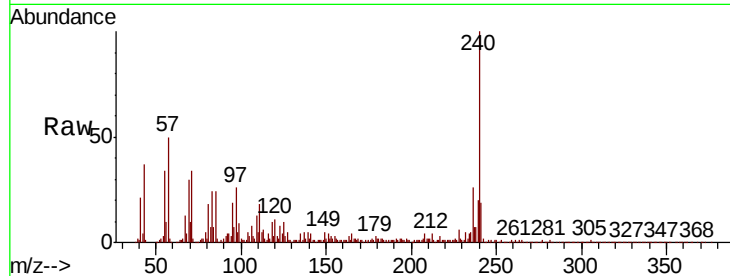
ClientSampleId :

72-11999

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	26.4	21.0	31.6

Manual Integrations
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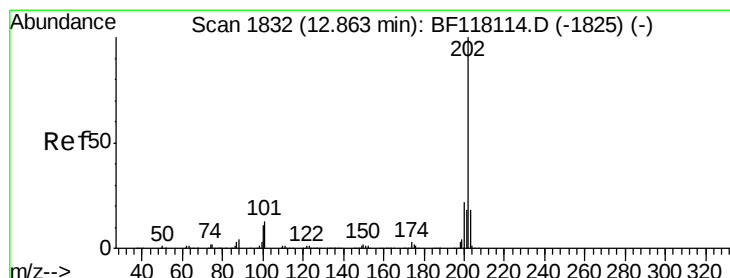
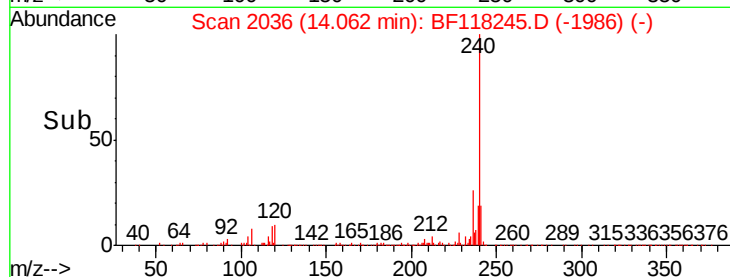
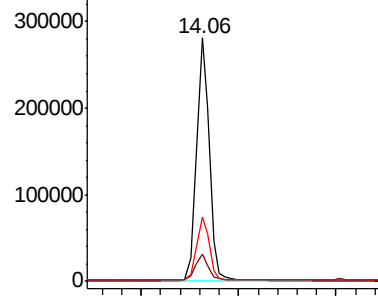


Abundance

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: 5.219 ng

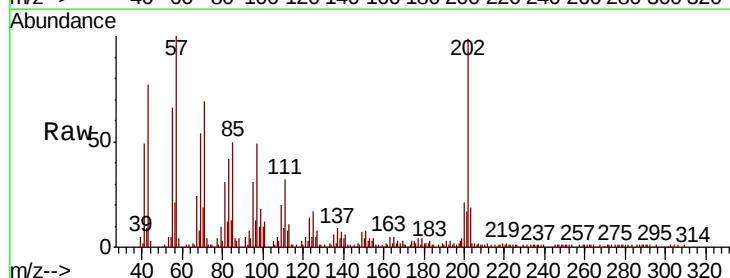
RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	19.5	14.6	21.8

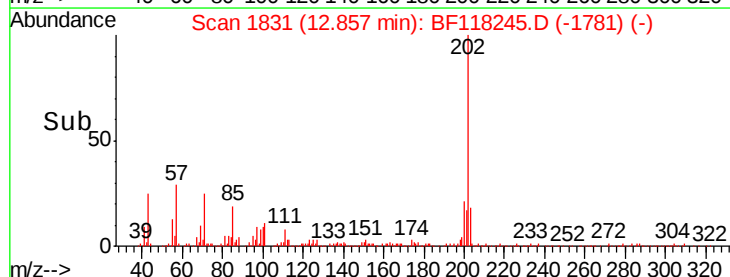
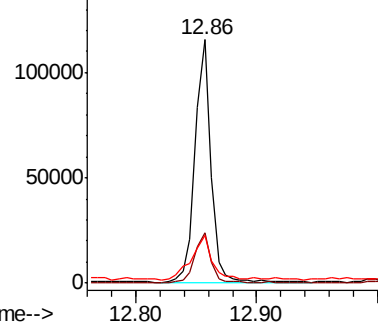


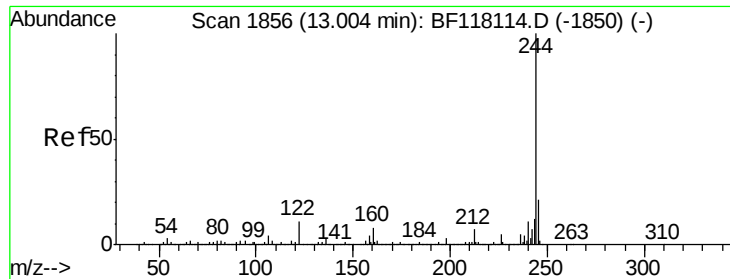
Abundance

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





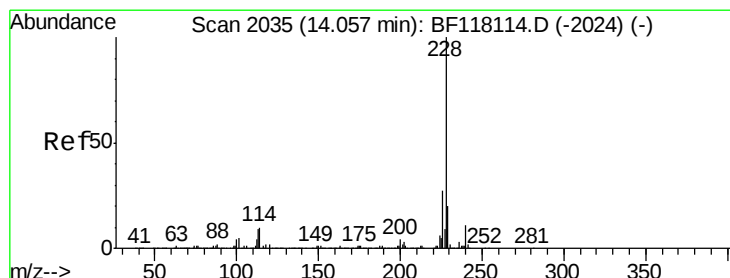
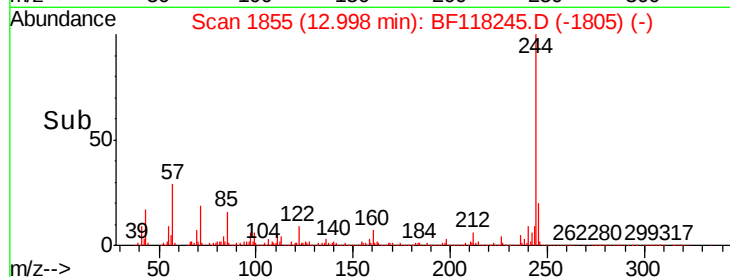
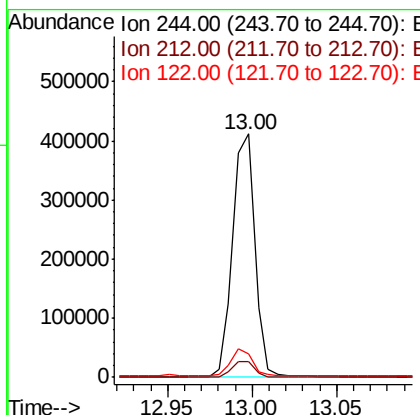
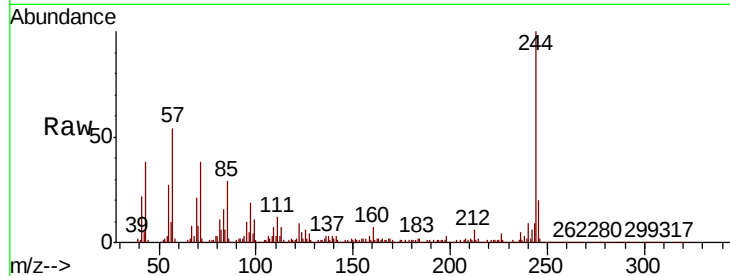
#79
 Terphenyl-d14
 Concen: 25.541 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF118245.D
 Acq: 18 Dec 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 72-11999

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.4	5.9	8.9	
122	9.4	9.0	13.6	

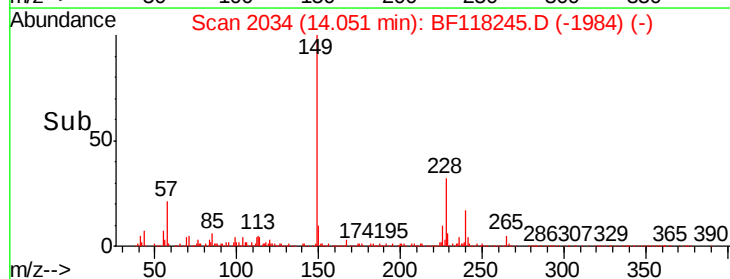
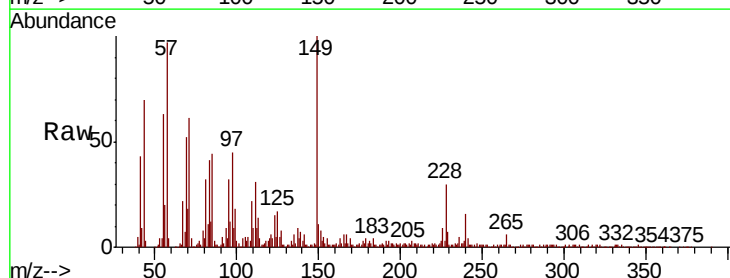
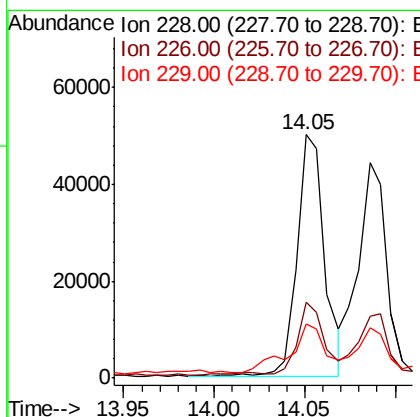
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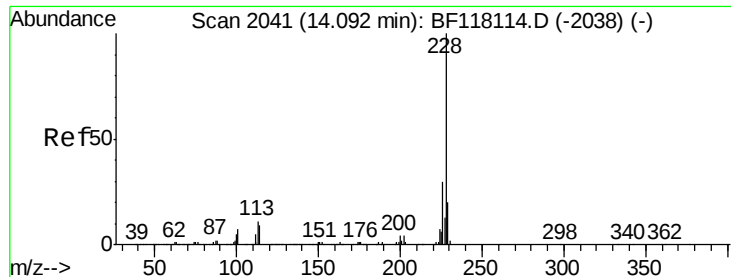
mohammad
 12/18/2019 2:41:19 PM



#81
 Benzo(a)anthracene
 Concen: 3.038 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF118245.D
 Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.3	21.8	32.8	
229	22.1	15.8	23.8	





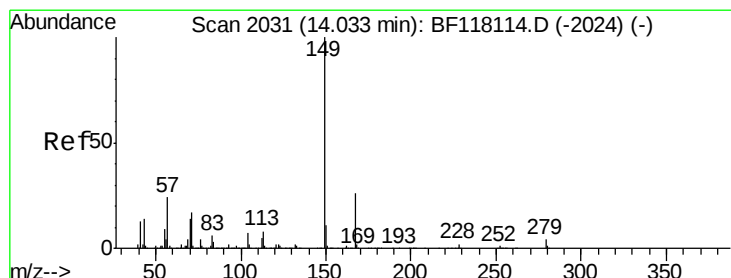
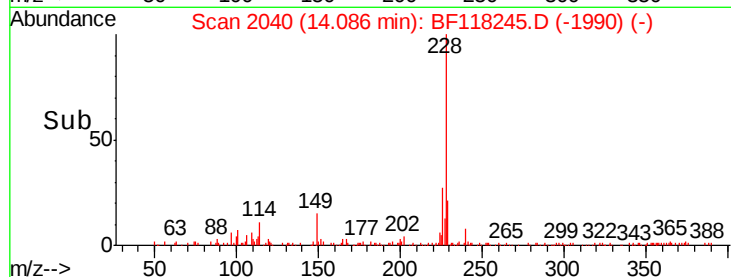
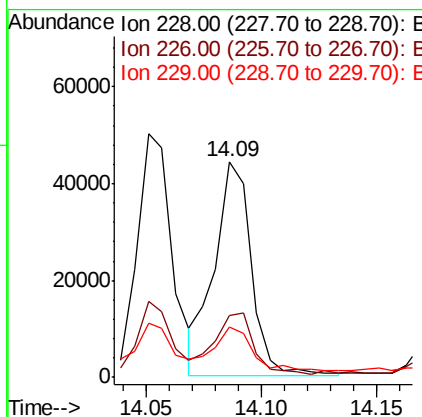
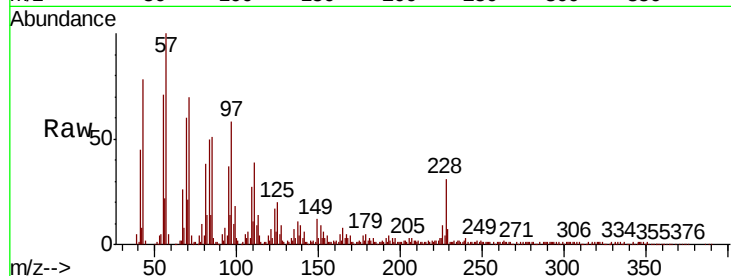
#83
Chrysene
Concen: 2.931 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Instrument :
BNA_F
ClientSampleId :
72-11999

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.8
229	23.4	15.7	23.5

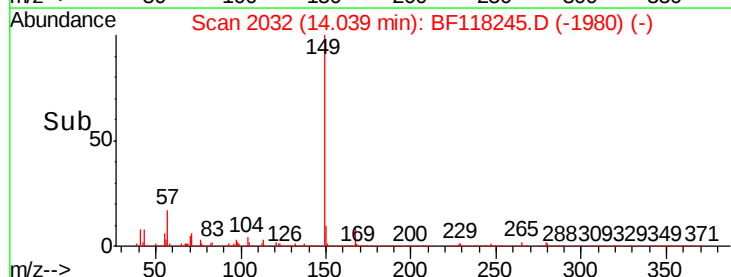
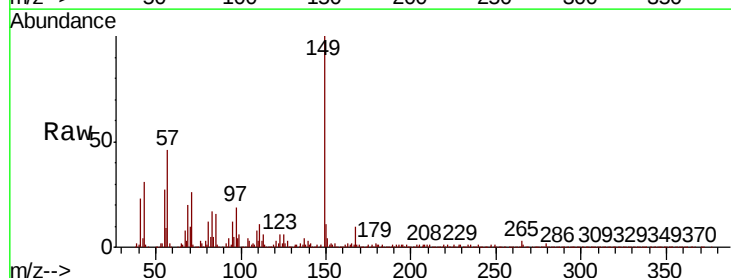
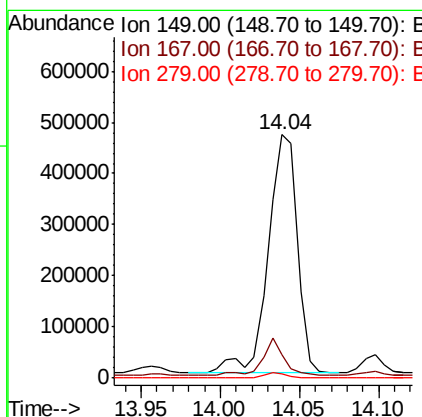
Manual Integrations
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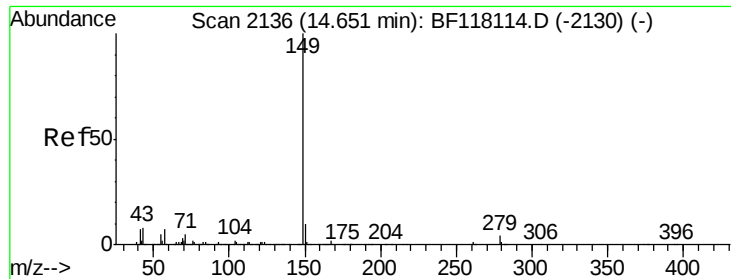
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.696 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	9.9	20.8	31.2#
279	2.0	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 68.364 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

Instrument :

BNA_F

ClientSampleId :

72-11999

Tot Ion:149 Resp: 1242883

Ion Ratio Lower Upper

149 100

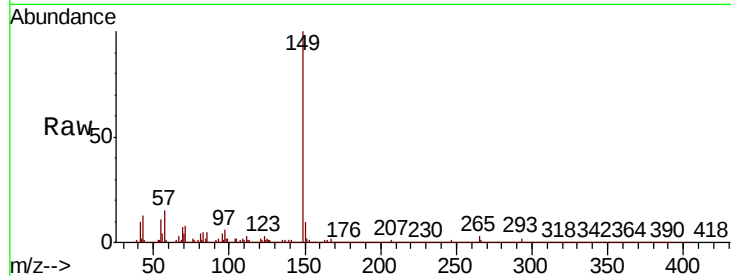
167 2.8 1.3 1.9#

43 8.7 6.5 9.7

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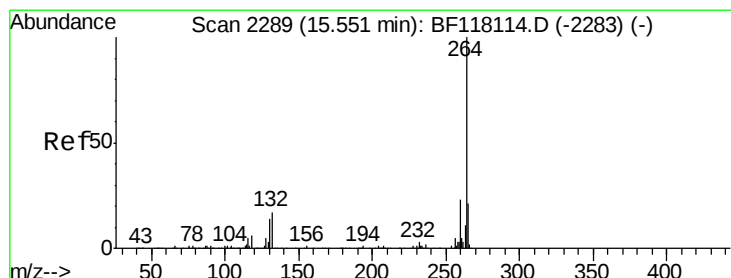
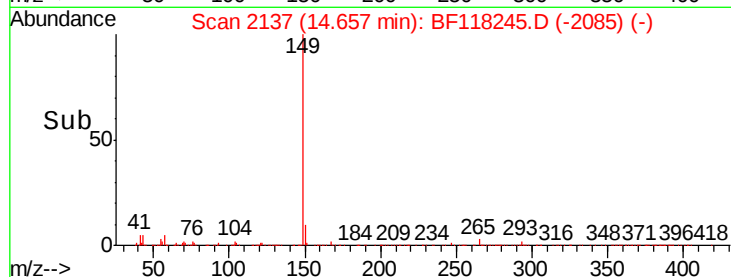
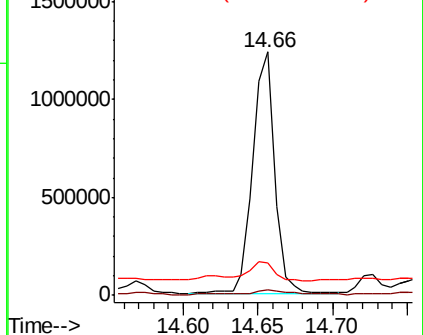
12/18/2019 2:41:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BF118245.D

Acq: 18 Dec 2019 00:04

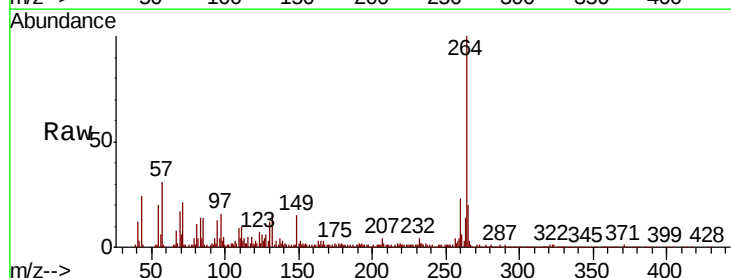
Tgt Ion:264 Resp: 204960

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

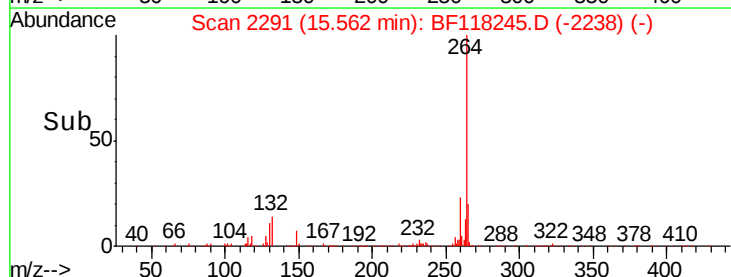
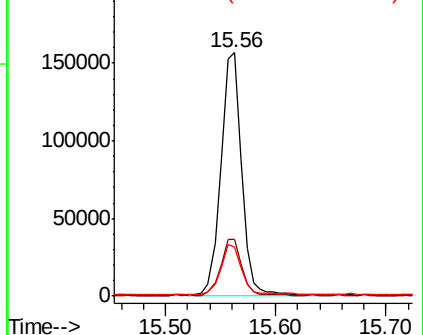
265 20.2 16.8 25.2

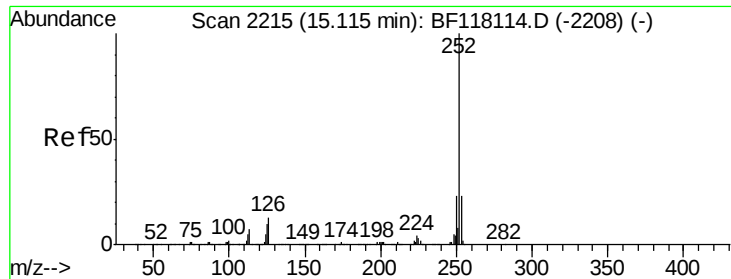


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





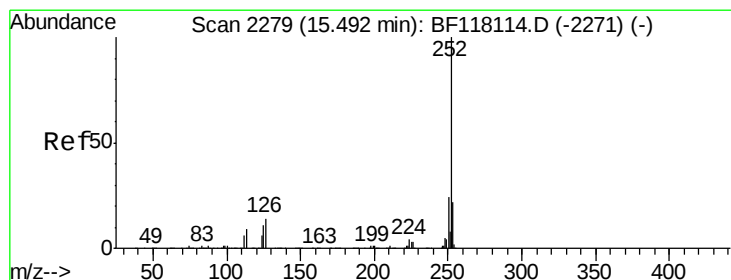
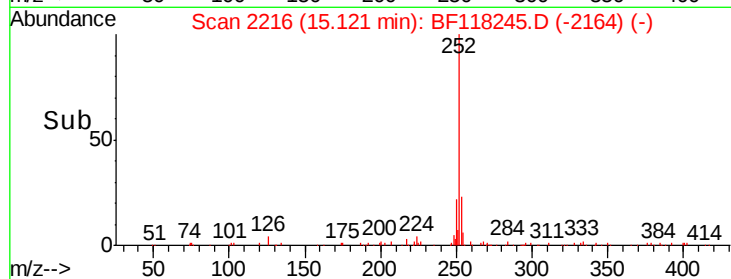
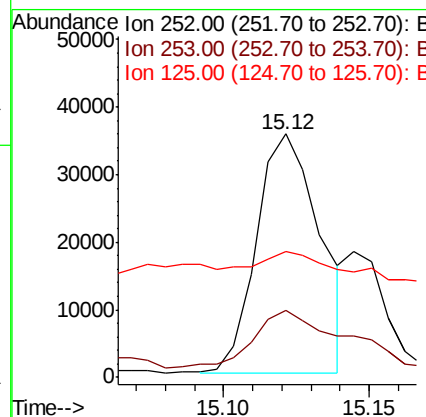
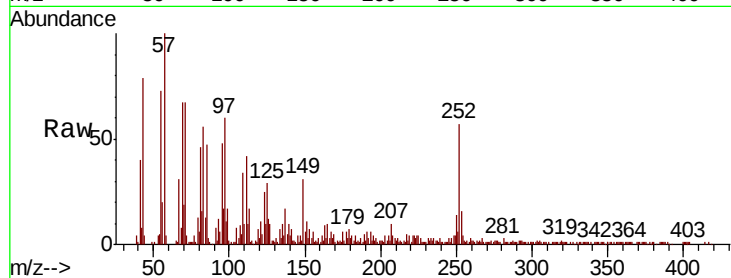
#88
Benzo(b)fluoranthene
Concen: 3.981 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Instrument :
BNA_F
ClientSampleId :
72-11999

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.2	27.4#
125	51.9	8.3	12.5#

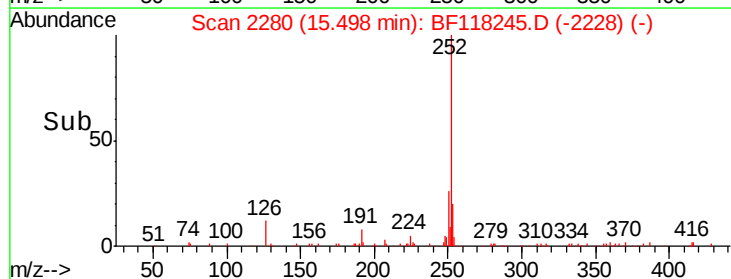
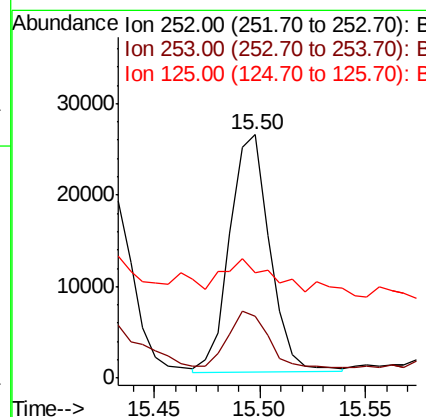
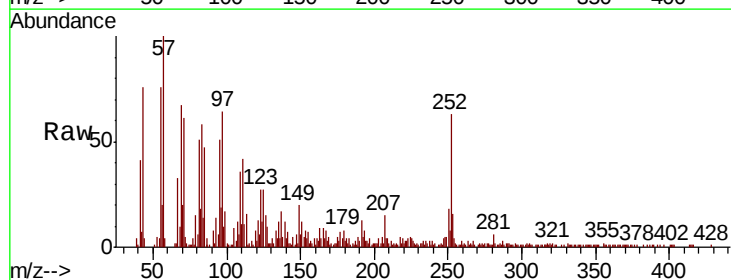
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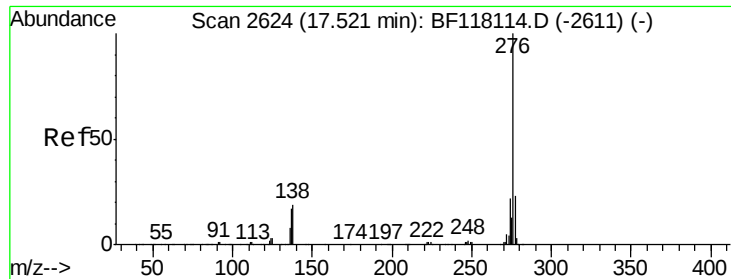
mohammad
12/18/2019 2:41:19 PM



#90
Benzo(a)pyrene
Concen: 2.850 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118245.D
Acq: 18 Dec 2019 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	43.2	9.1	13.7#





#92
 Benzo(a,h,i)perylene
 Concen: 2.381 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF118245.D
 Acq: 18 Dec 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 72-11999

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.3	18.2	27.4#
138	25.6	15.5	23.3#

Manual Integrations
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mohammad
 12/18/2019 2:41:19 PM

