

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117673.D
 Acq On : 31 Oct 2019 22:01
 Operator : JU
 Sample : K5541-15 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-12-(0-2.5)

Manual Integrations
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mohammad
 11/1/2019 12:35:00 PM

Quant Time: Nov 07 08:21:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	32877	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	132860	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	58854	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	84315	20.00	ng	0.00
76) Chrysene-d12	13.90	240	60306	20.00	ng	0.00
87) Perylene-d12	15.34	264	50062	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	90060	40.75	ng	0.01
7) Phenol-d6	6.39	99	128594	43.32	ng	0.01
23) Nitrobenzene-d5	7.30	82	71094	26.42	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	16878	33.14	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	124562	29.82	ng	-0.01
79) Terphenyl-d14	12.83	244	88609	23.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	26506	6.317	ng	100
71) Phenanthrene	11.27	178	25181	5.143	ng	100
75) Fluoranthene	12.47	202	48201	9.835	ng	99
78) Pyrene	12.70	202	46371	8.952	ng	99
81) Benzo(a)anthracene	13.89	228	21593	5.308	ng	# 95
83) Chrysene	13.93	228	23301	5.845	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.77	276	9228	3.100	ng	92
88) Benzo(b)fluoranthene	14.93	252	21177m	7.164	ng	
89) Benzo(k)fluoranthene	14.96	252	9435m	3.114	ng	
90) Benzo(a)pyrene	15.29	252	15194	5.653	ng	# 82
92) Benzo(g,h,i)perylene	17.20	276	9591	4.362	ng	# 84

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

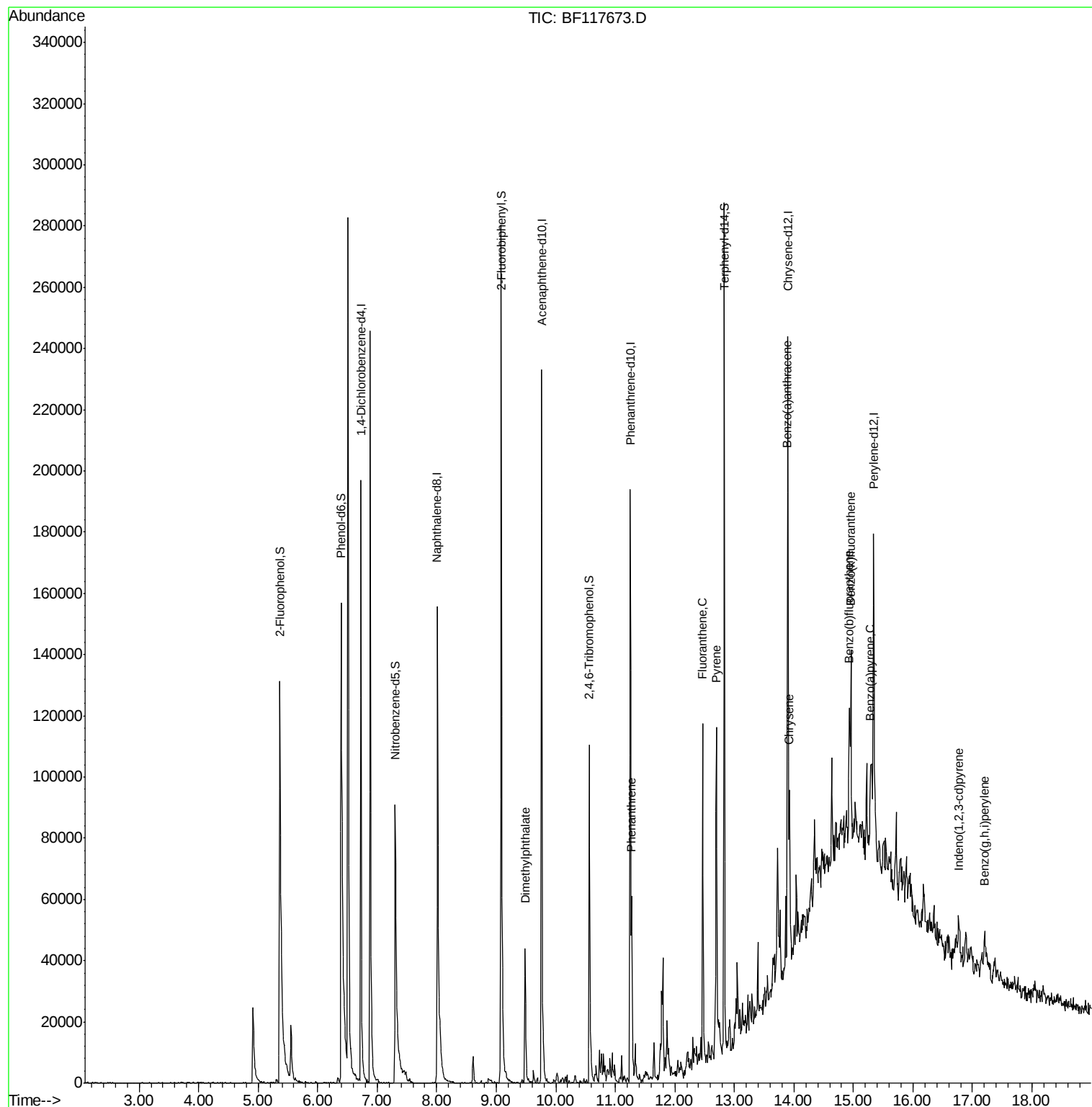
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117673.D
Acq On : 31 Oct 2019 22:01
Operator : JU
Sample : K5541-15 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

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Quant Time: Nov 07 08:21:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

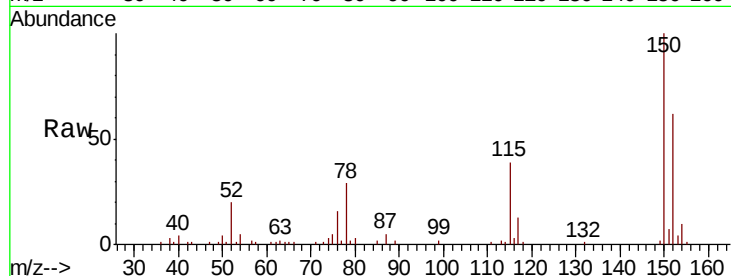
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.8	190.2
115	62.7	51.6	77.4

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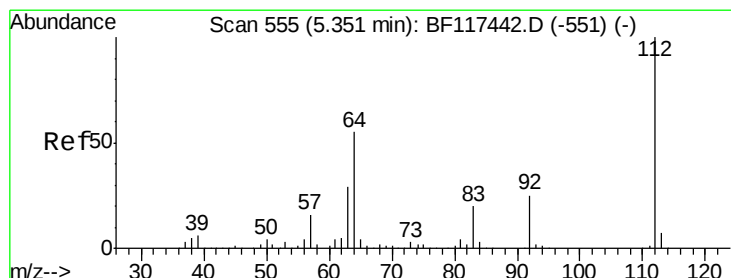
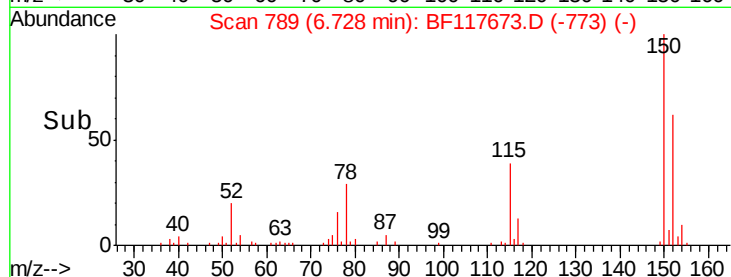
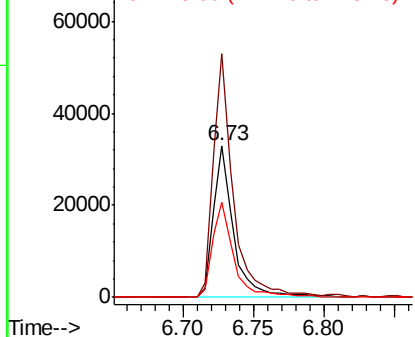


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

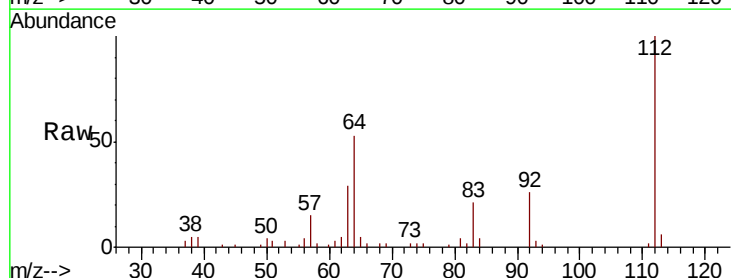
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.753 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	44.1	66.1
63	28.9	23.4	35.2

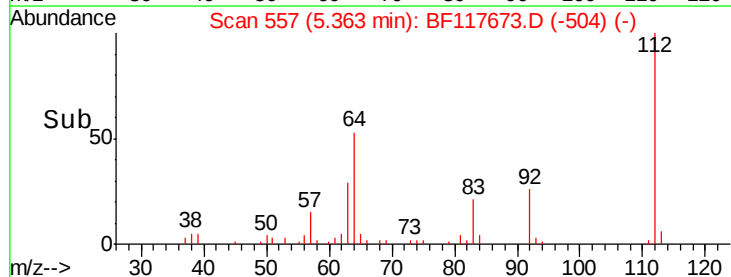
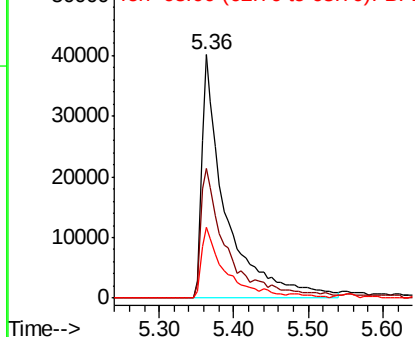


Abundance

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: 43.324 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117673.D

Acq: 31 Oct 2019 22:01

Instrument :

BNA_F

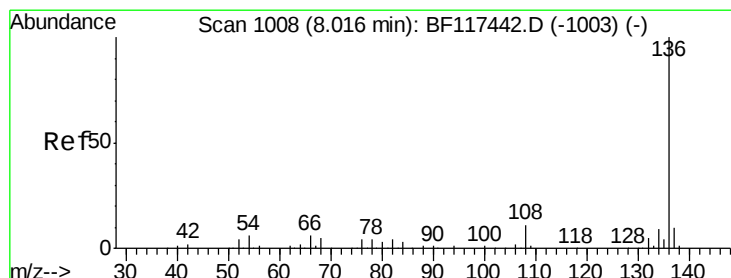
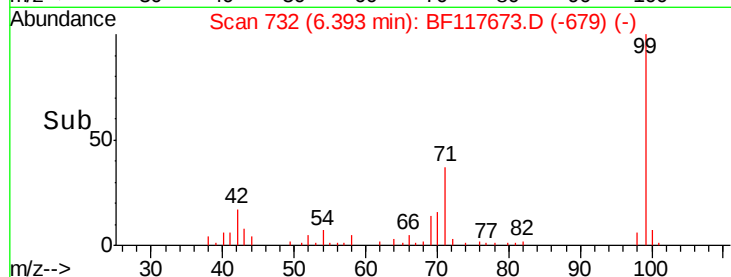
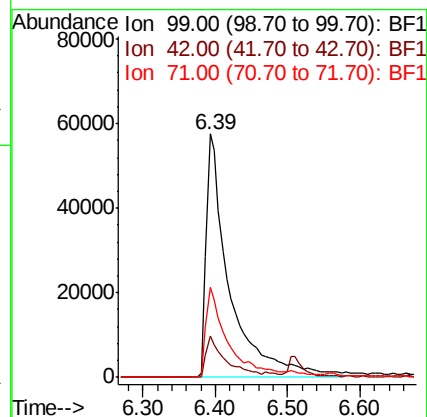
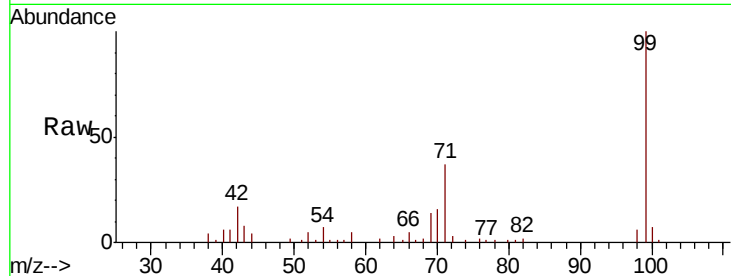
ClientSampleId :

18-12-(0-2.5)

Tot Ion:	99	Resp:	128594
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.8	19.2
71	36.8	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

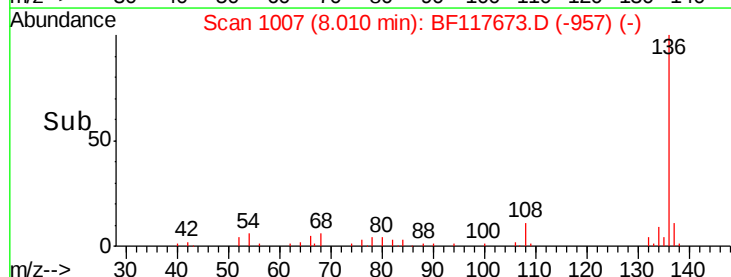
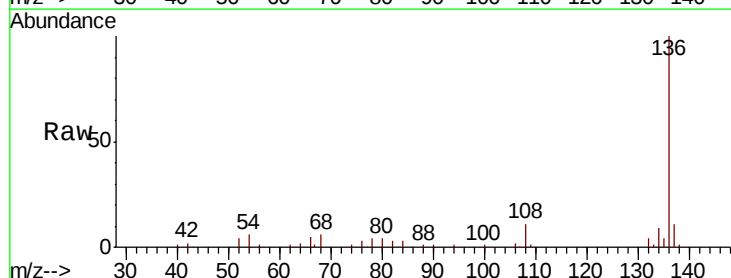
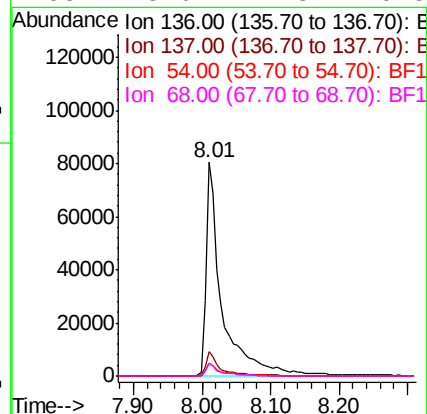
RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117673.D

Acq: 31 Oct 2019 22:01

Tgt Ion:	136	Resp:	132860
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.4
54	6.1	4.5	6.7
68	5.9	4.3	6.5





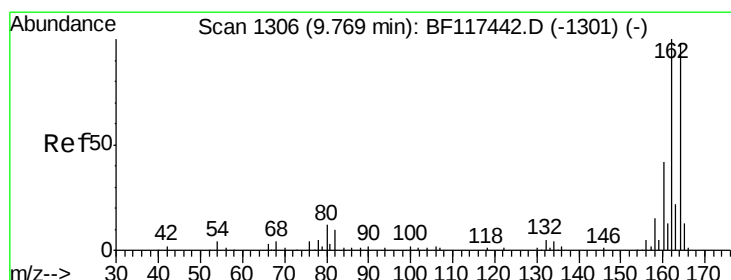
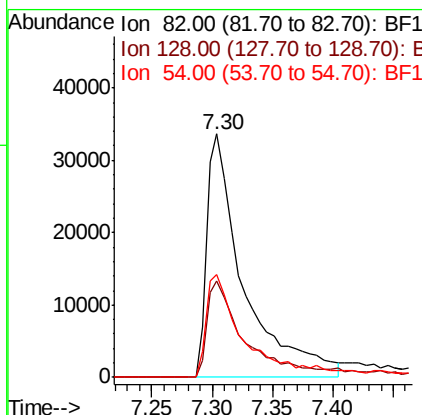
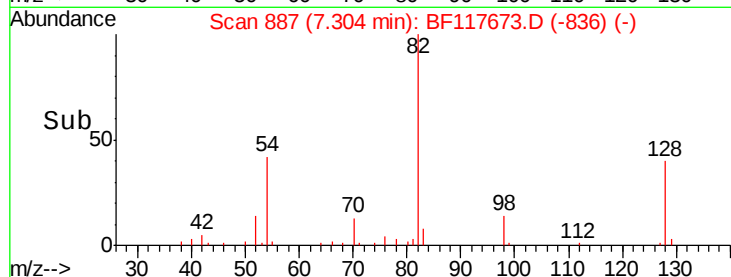
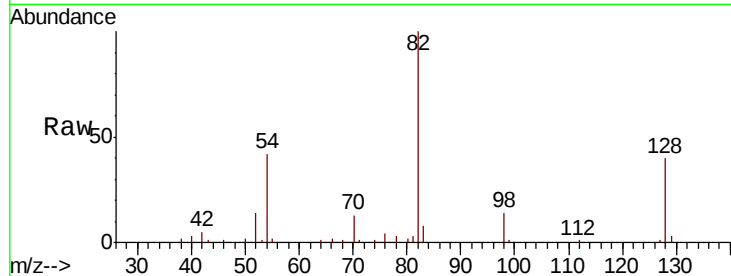
#23
Nitrobenzene-d5
Concen: 26.417 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

Tot Ion	82	Resp	71094
Ion Ratio	100	Lower	Upper
82	100		
128	39.5	32.2	48.2
54	42.1	34.2	51.2

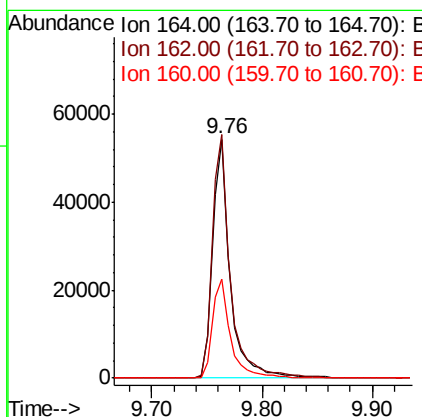
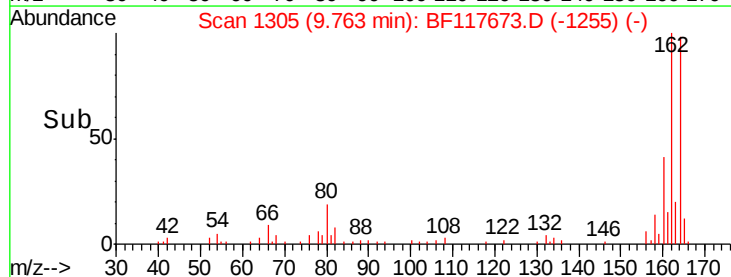
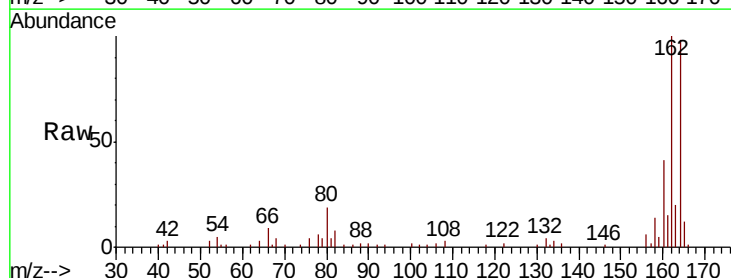
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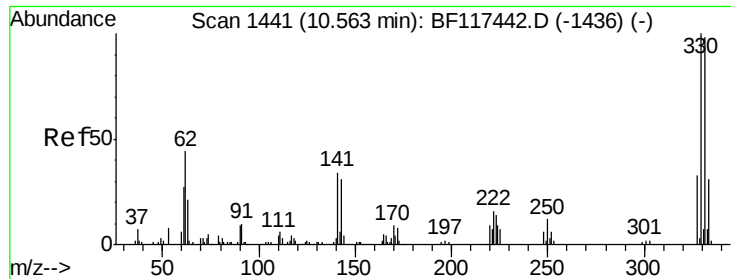
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Tgt Ion	164	Resp	58854
Ion Ratio	100	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	41.5	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 33.144 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117673.D

Acq: 31 Oct 2019 22:01

Instrument :

BNA_F

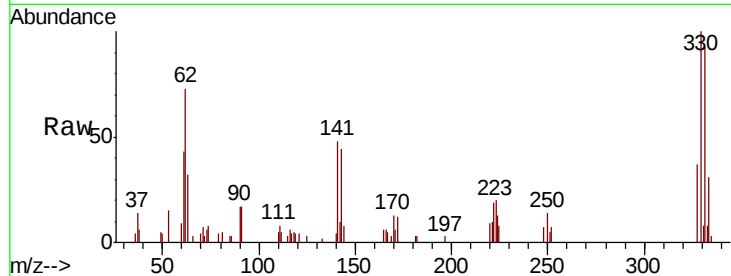
ClientSampleId :

18-12-(0-2.5)

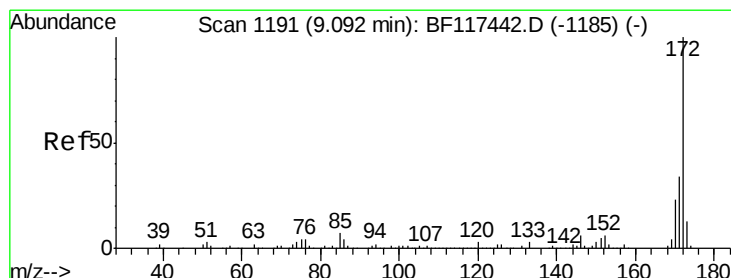
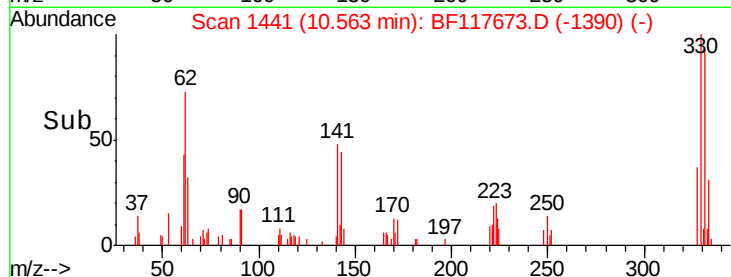
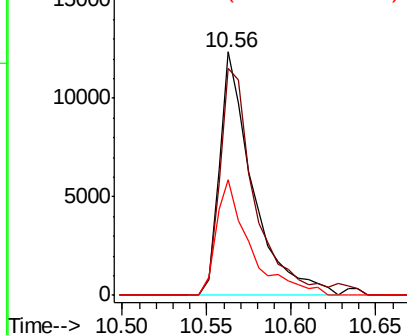
Tot Ion:	330	Resp:	16878
Ion Ratio	Lower	Upper	
330	100		
332	100.8	78.5	117.7
141	48.6	37.0	55.6

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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: 29.821 ng

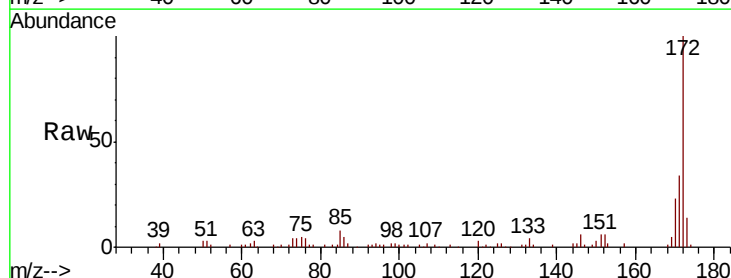
RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

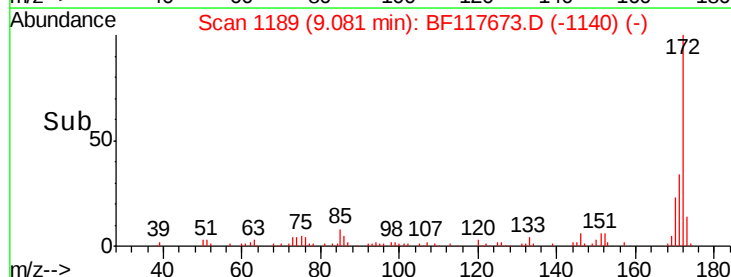
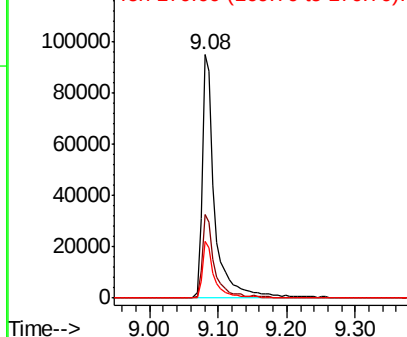
Lab File: BF117673.D

Acq: 31 Oct 2019 22:01

Tgt Ion:	172	Resp:	124562
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.5	41.3
170	23.1	18.6	27.8



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





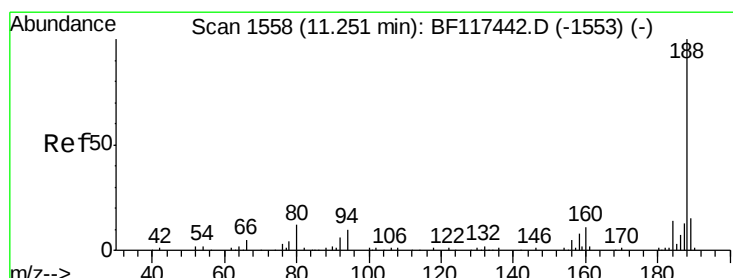
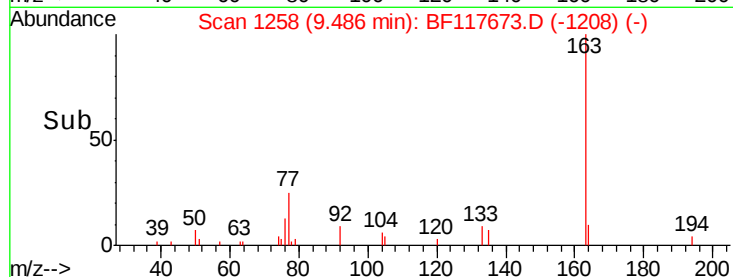
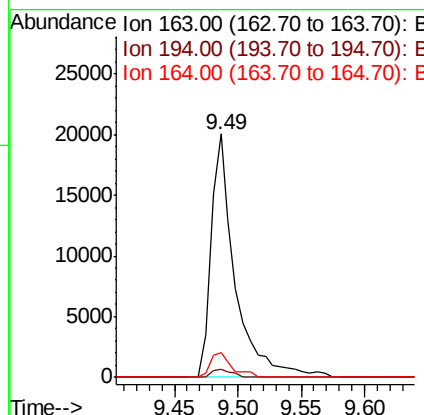
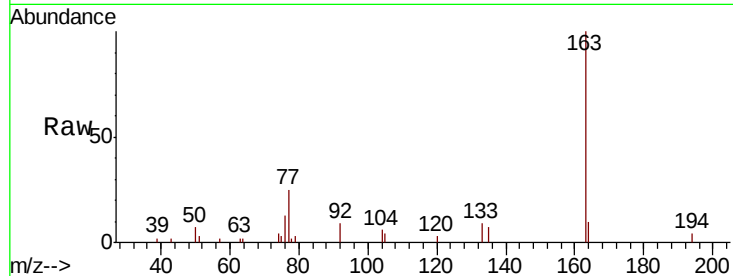
#50
Dimethylphthalate
Concen: 6.317 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.3	8.2	12.2

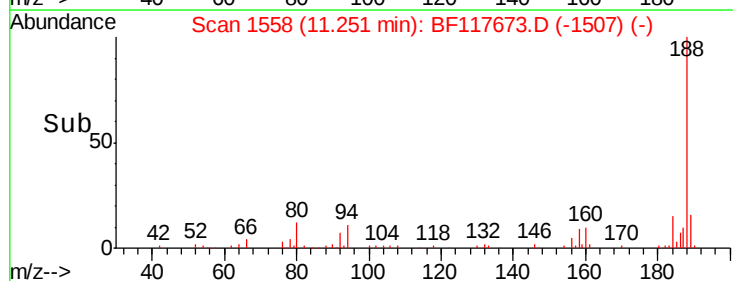
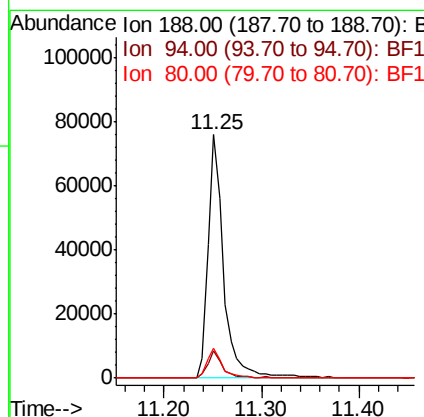
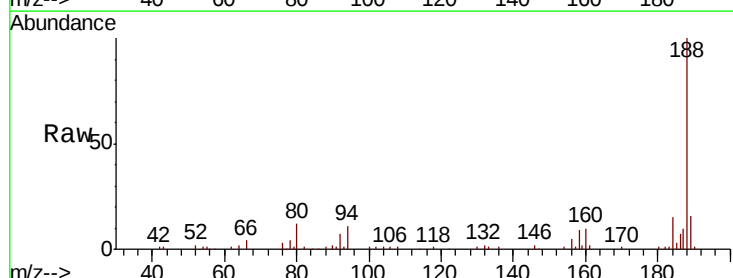
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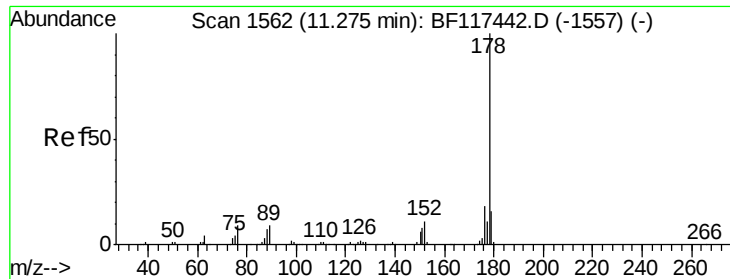
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.0	12.0
80	12.2	9.5	14.3





#71

Phenanthrene

Concen: 5.143 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117673.D

Acq: 31 Oct 2019 22:01

Instrument :

BNA_F

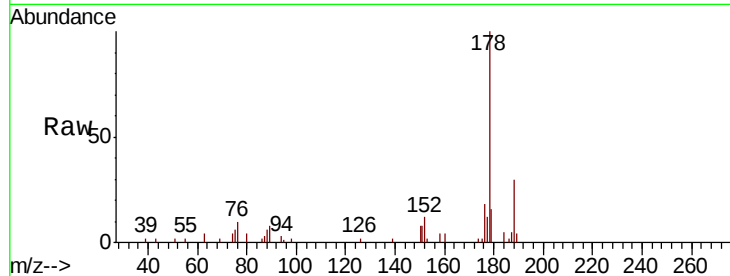
ClientSampleId :

18-12-(0-2.5)

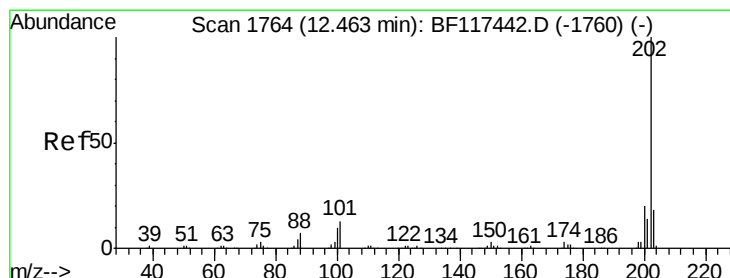
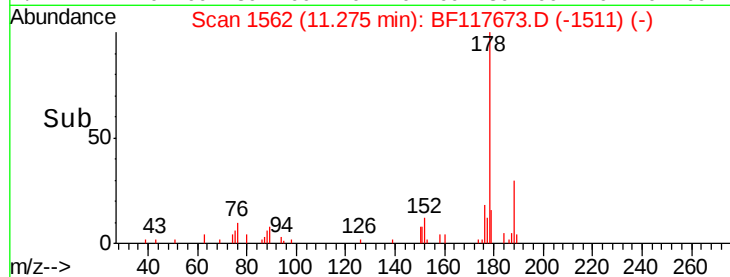
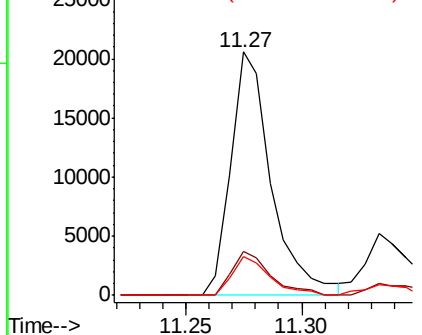
Tot Ion:	178	Resp:	25181
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.6	22.0
179	15.7	12.6	19.0

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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: 9.835 ng

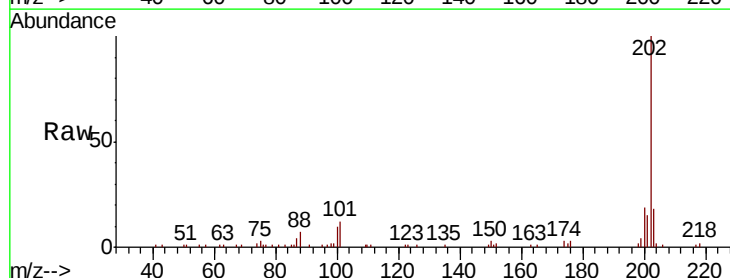
RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

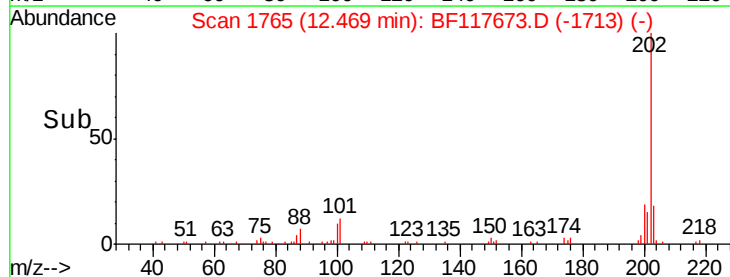
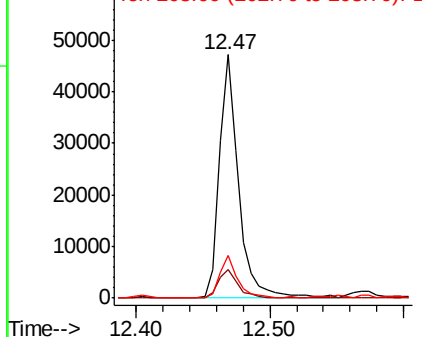
Lab File: BF117673.D

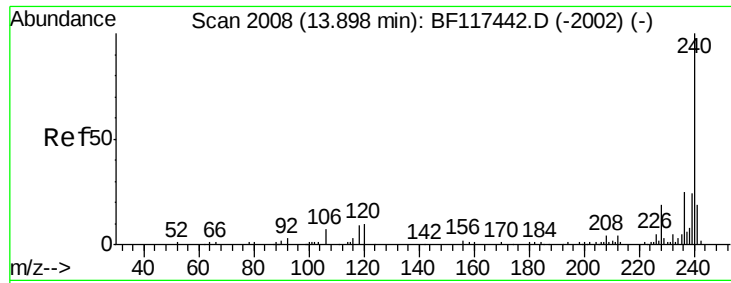
Acq: 31 Oct 2019 22:01

Tgt Ion:	202	Resp:	48201
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.7
203	17.6	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





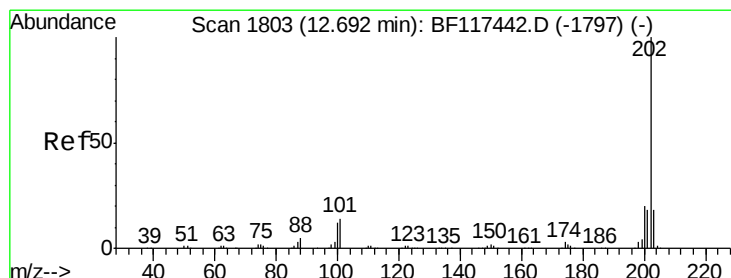
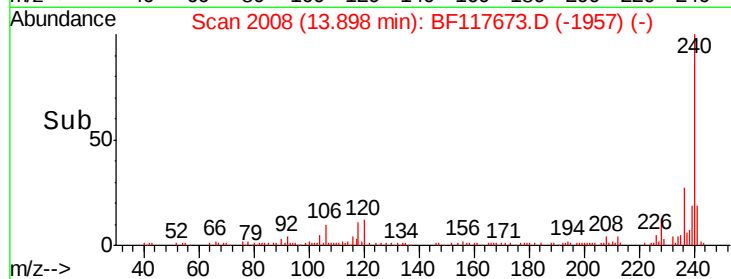
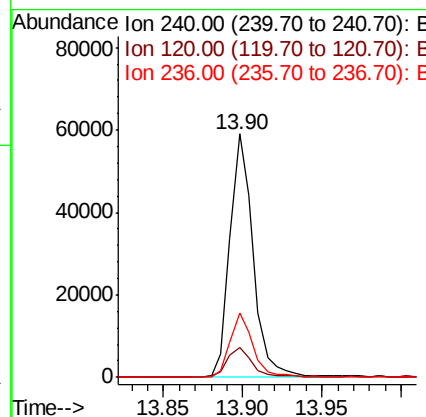
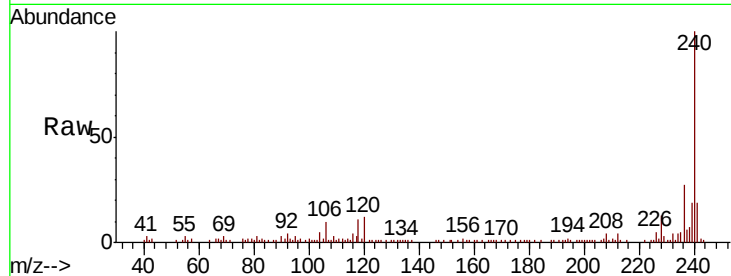
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.4	12.6
236	26.5	20.0	30.0

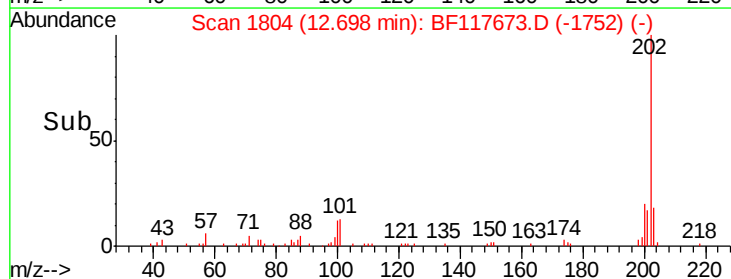
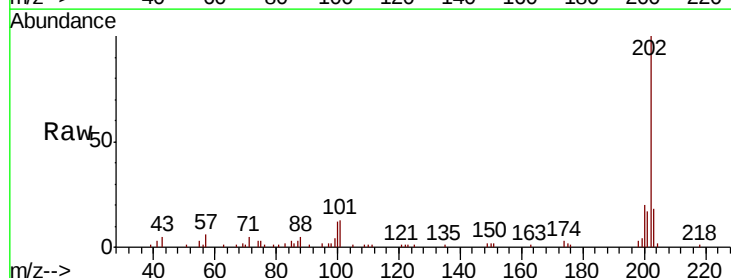
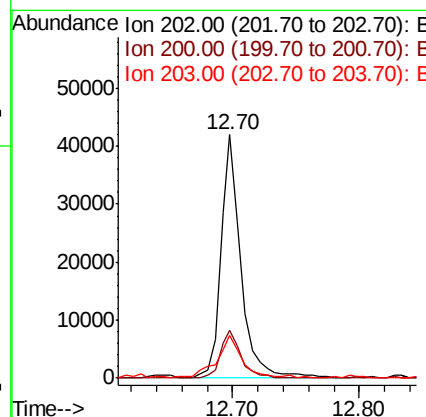
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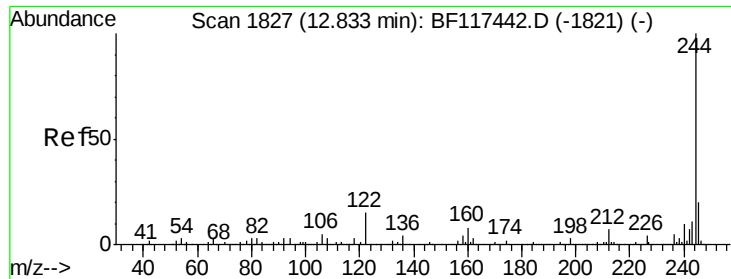
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#78
Pyrene
Concen: 8.952 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	17.6	14.0	21.0





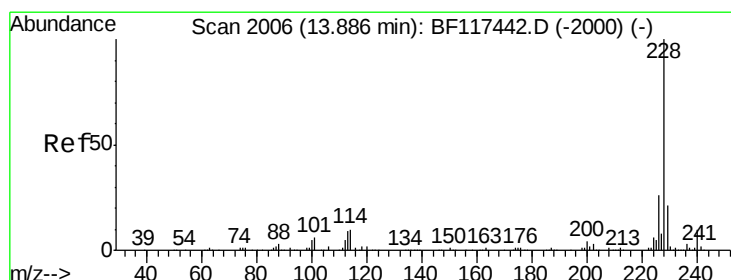
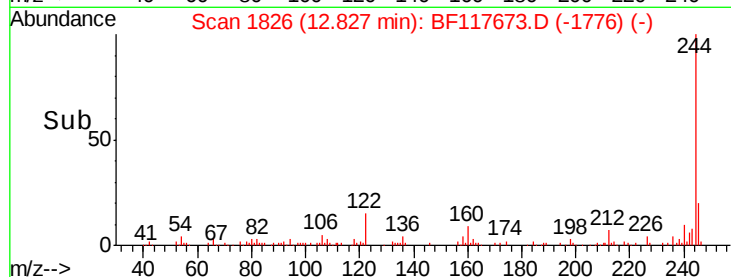
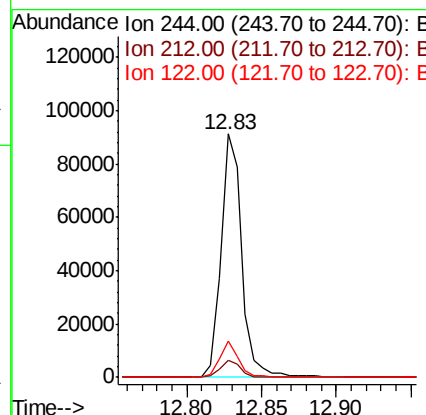
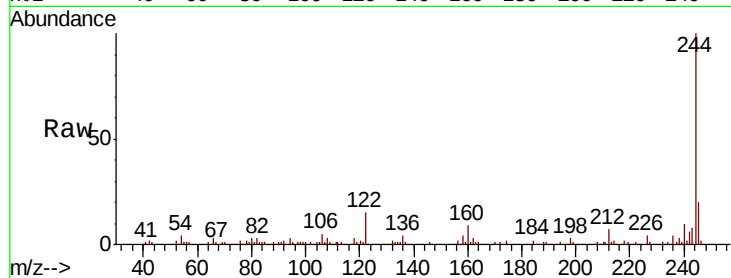
#79
 Terphenyl-d14
 Concen: 23.966 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117673.D
 Acq: 31 Oct 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	14.7	11.8	17.8

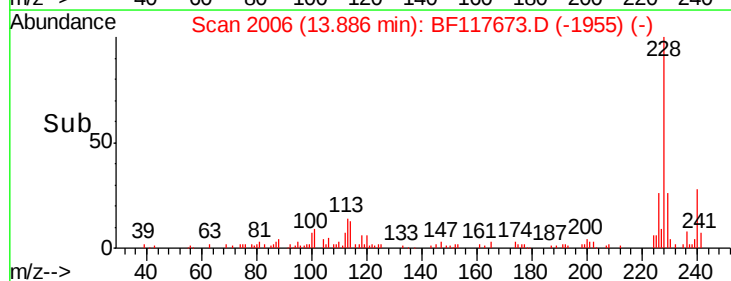
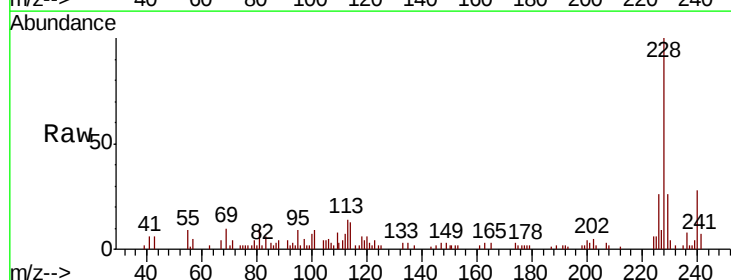
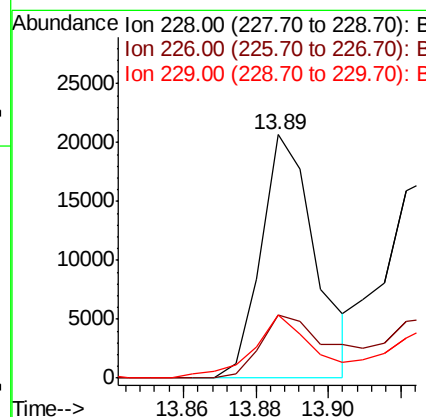
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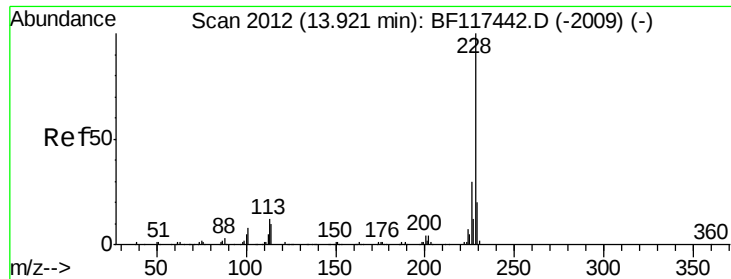
mohammad
 11/1/2019 12:35:00 PM



#81
 Benzo(a)anthracene
 Concen: 5.308 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF117673.D
 Acq: 31 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	25.9	16.4	24.6





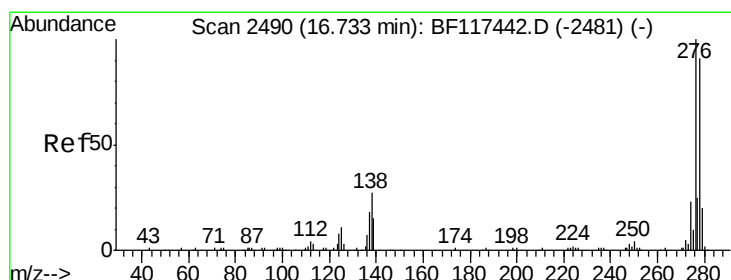
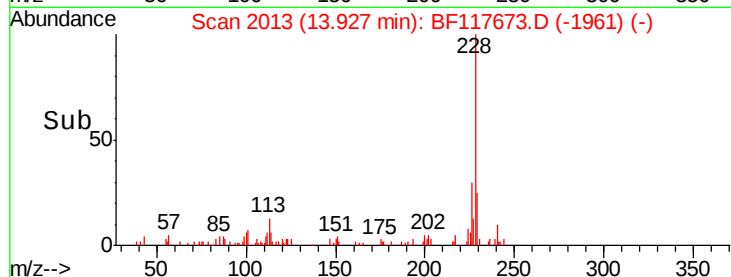
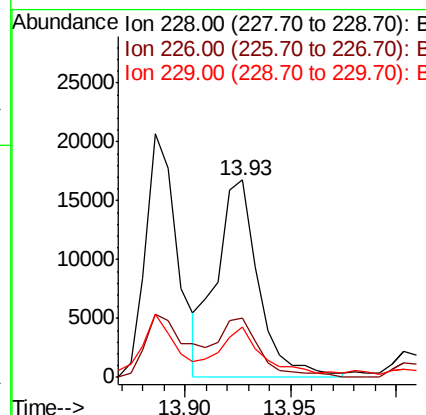
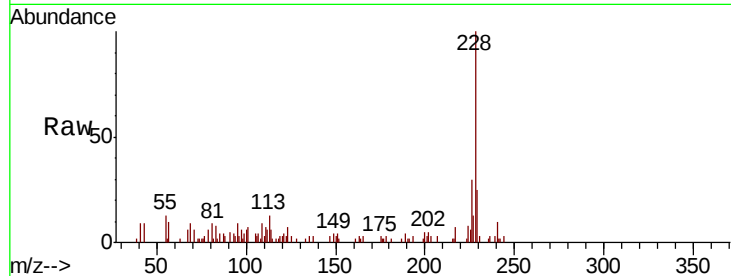
#83
Chrysene
Concen: 5.845 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampled :
18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	25.3	15.8	23.6

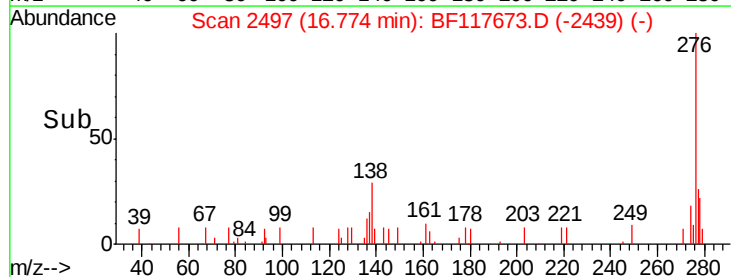
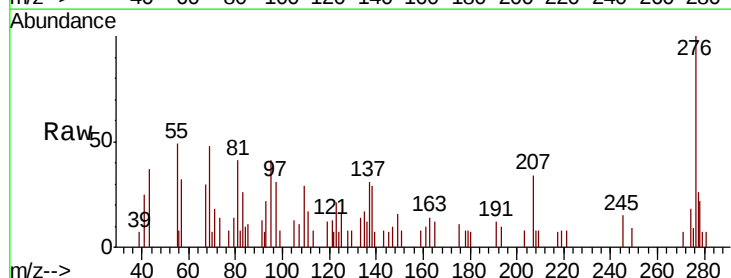
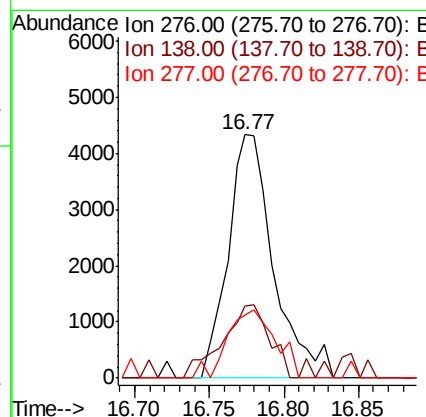
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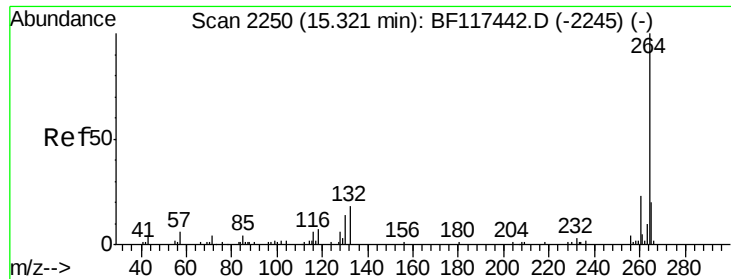
mohammad
11/1/2019 12:35:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.100 ng
RT: 16.77 min Scan# 2497
Delta R.T. 0.04 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	21.8	32.8
277	29.4	20.0	30.0





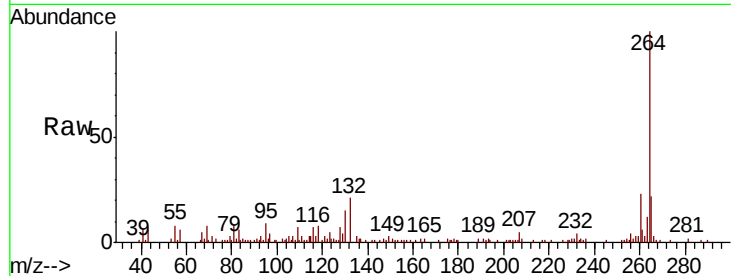
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.1	16.1	24.1

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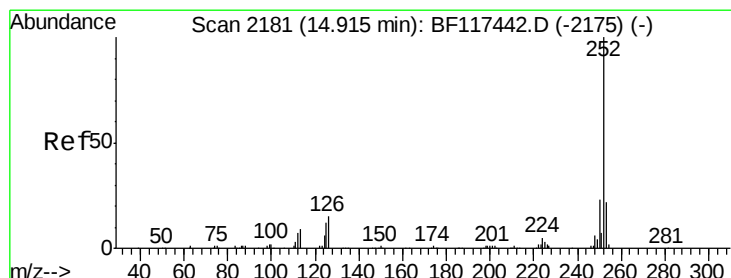
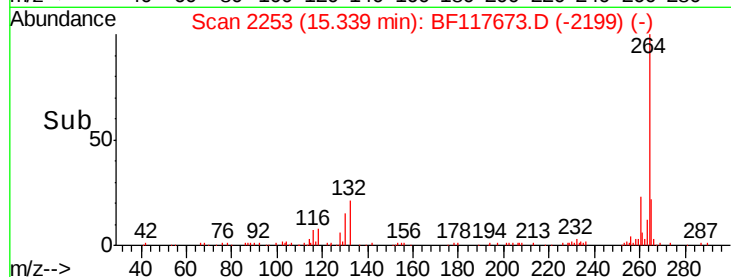
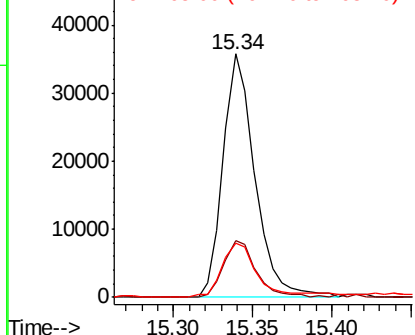


Abundance

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: 7.164 ng m
RT: 14.93 min Scan# 2184
Delta R.T. 0.02 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

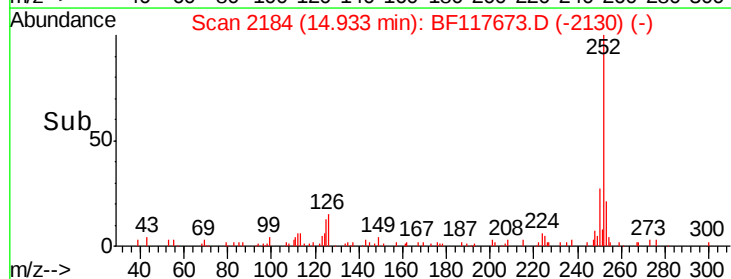
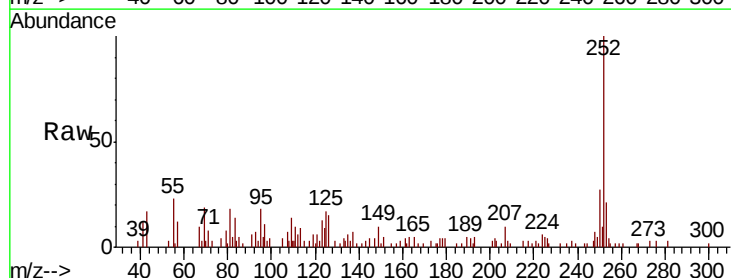
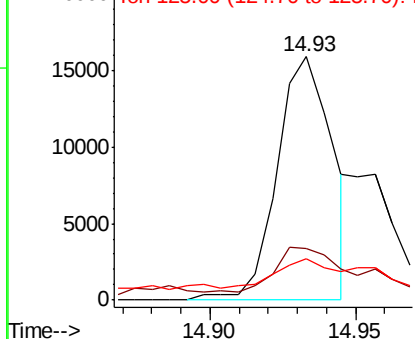
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	17.0	9.9	14.9#

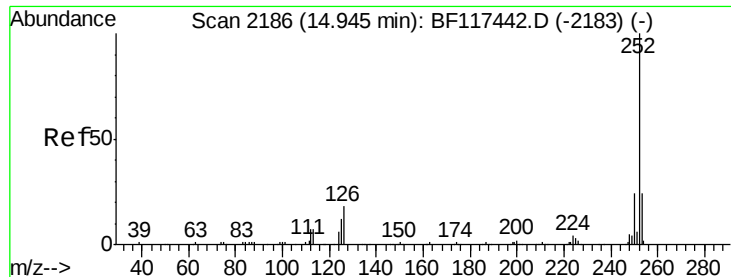
Abundance

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





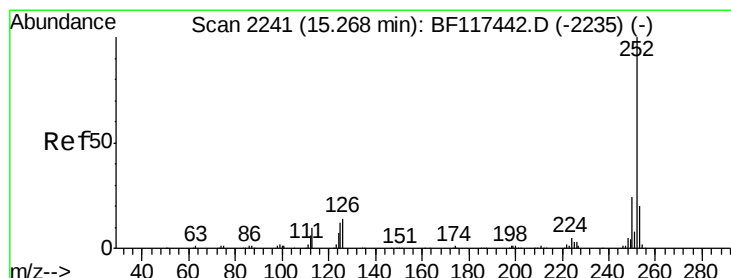
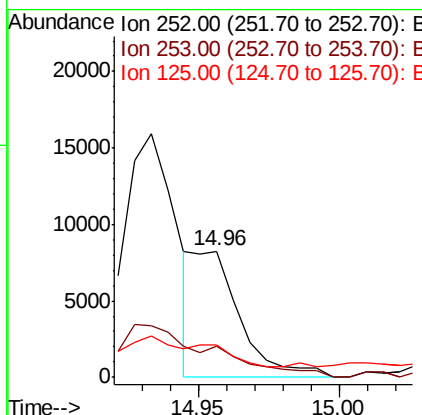
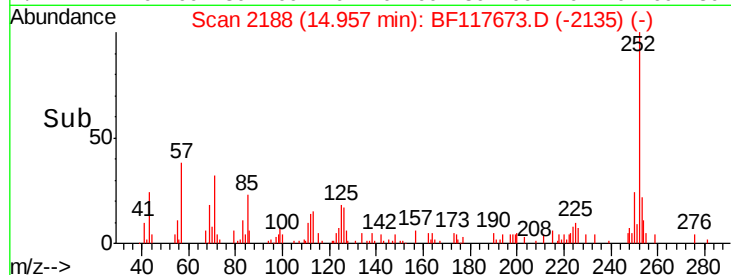
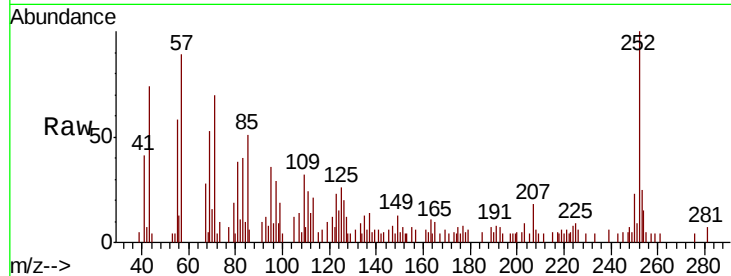
#89
Benzo(k)fluoranthene
Concen: 3.114 ng/mL
RT: 14.96 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Instrument :
BNA_F
ClientSampleId :
18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	26.0	8.9	13.3

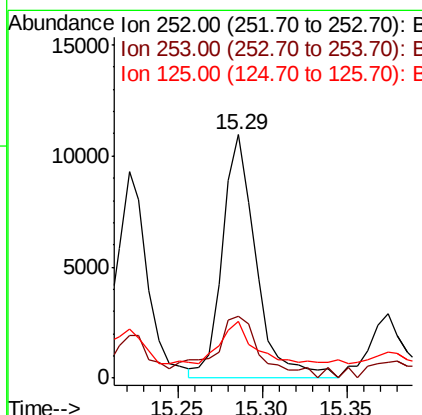
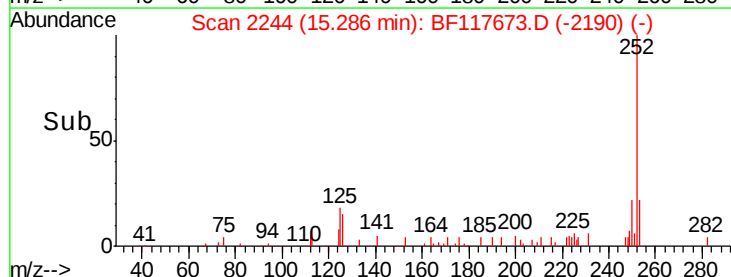
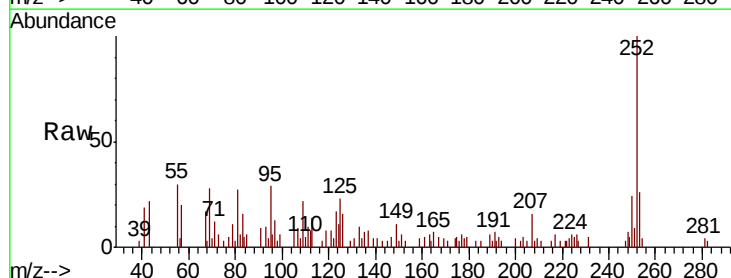
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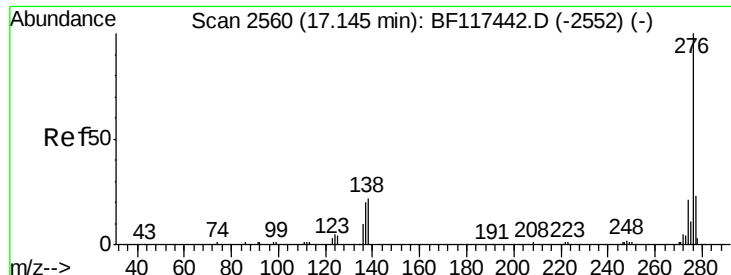
mohammad
11/1/2019 12:35:00 PM



#90
Benzo(a)pyrene
Concen: 5.653 ng/mL
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF117673.D
Acq: 31 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.3	24.5
125	23.3	9.2	13.8





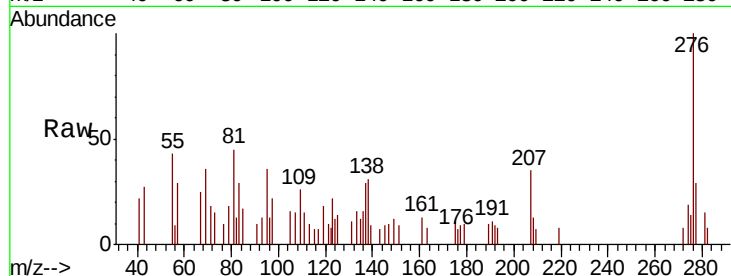
#92
 Benzo(a,h,i)perylene
 Concen: 4.362 ng
 RT: 17.20 min Scan# 2570
 Delta R.T. 0.06 min
 Lab File: BF117673.D
 Acq: 31 Oct 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 18-12-(0-2.5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.4	27.6#
138	30.9	17.8	26.6#

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

