

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117547.D
 Acq On : 25 Oct 2019 20:13
 Operator : JU
 Sample : K5498-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-36-(0-1)

Manual Integrations
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mohammad
 10/29/2019 3:33:43 PM

Quant Time: Oct 26 03:14:11 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	41123	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	155259	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	69239	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	97453	20.00	ng	0.00
76) Chrysene-d12	13.90	240	80023	20.00	ng	0.00
87) Perylene-d12	15.33	264	58584	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	204694	74.05	ng	0.00
7) Phenol-d6	6.39	99	274332	73.89	ng	0.00
23) Nitrobenzene-d5	7.30	82	150678	47.91	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	36474	60.88	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	192276	39.13	ng	0.00
79) Terphenyl-d14	12.83	244	143872	29.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	25645	5.196	ng	98
71) Phenanthrene	11.27	178	29038	5.132	ng	99
75) Fluoranthene	12.47	202	54309	9.587	ng	98
78) Pyrene	12.70	202	50252	7.311	ng	97
81) Benzo(a)anthracene	13.89	228	25979	4.813	ng	97
83) Chrysene	13.92	228	23561	4.454	ng	96
86) Indeno(1,2,3-cd)pyrene	16.76	276	9514	2.409	ng	94
88) Benzo(b)fluoranthene	14.93	252	20729m	5.992	ng	
89) Benzo(k)fluoranthene	14.94	252	7511m	2.118	ng	
90) Benzo(a)pyrene	15.27	252	15137	4.813	ng	# 87
92) Benzo(g,h,i)perylene	17.19	276	7944	3.087	ng	# 81

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

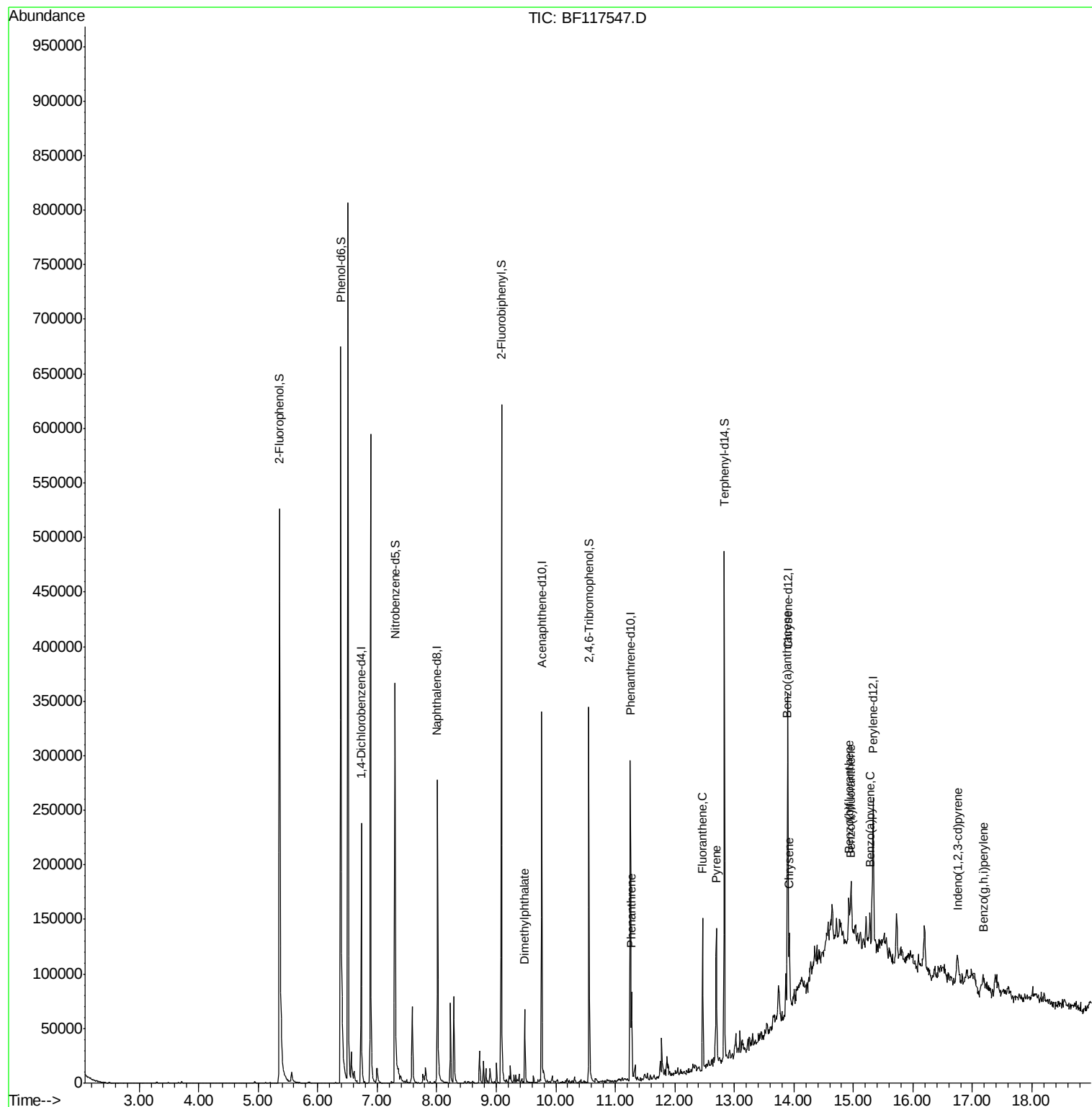
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117547.D
Acq On : 25 Oct 2019 20:13
Operator : JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Manual Integrations
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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

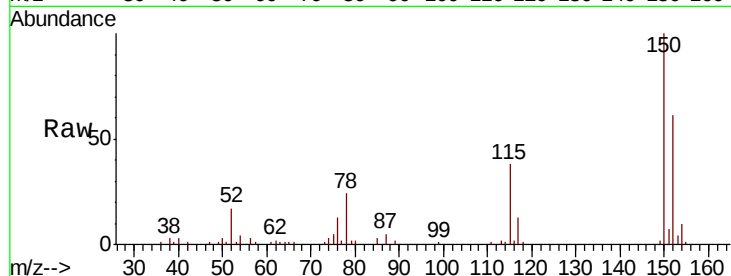
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	126.8	190.2
115	62.2	51.6	77.4

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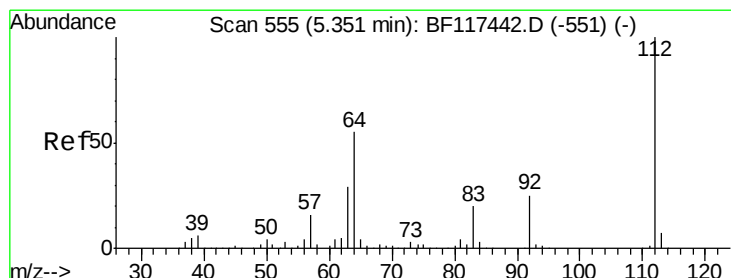
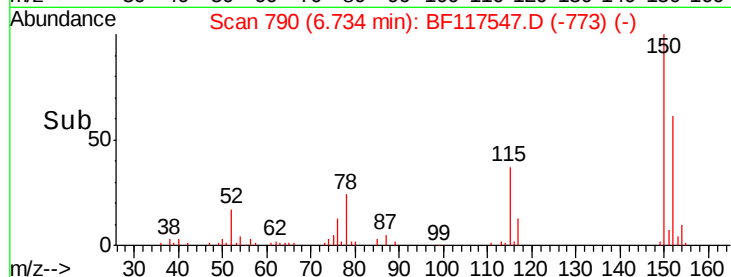
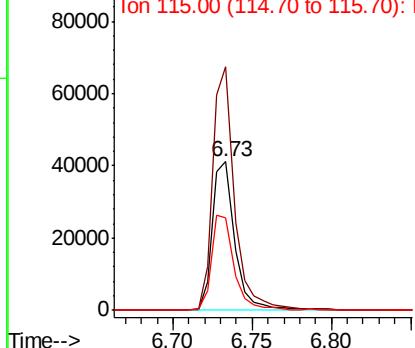


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

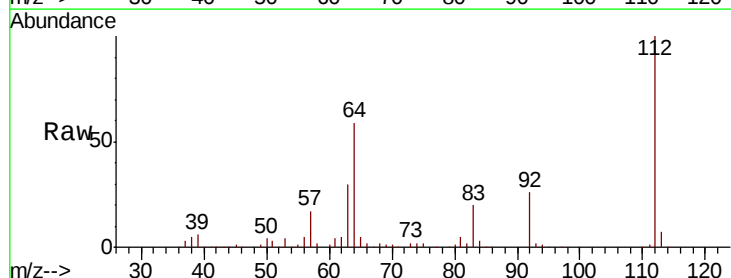
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.052 ng
RT: 5.36 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	30.2	23.4	35.2

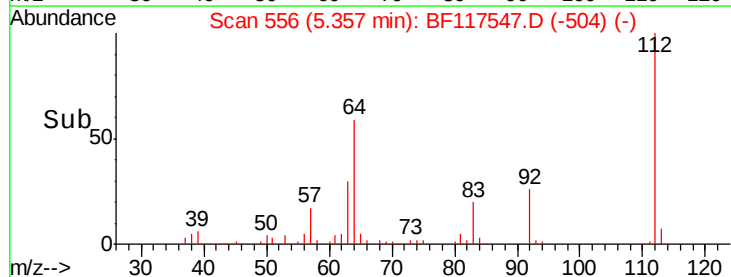
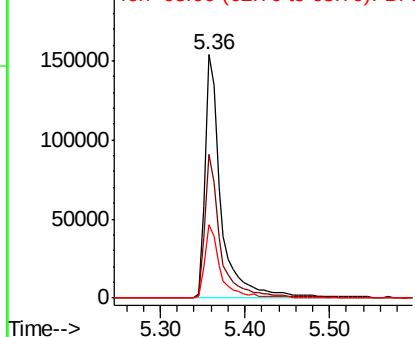


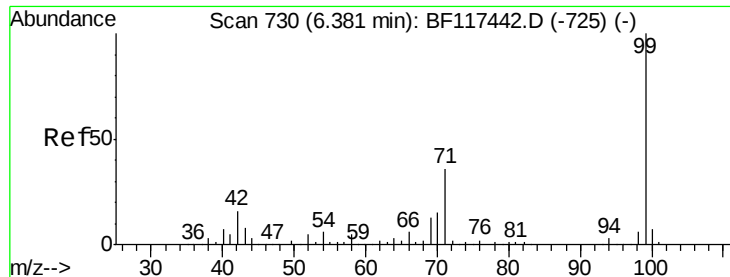
Abundance

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: 73.892 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117547.D

Acq: 25 Oct 2019 20:13

Instrument :

BNA_F

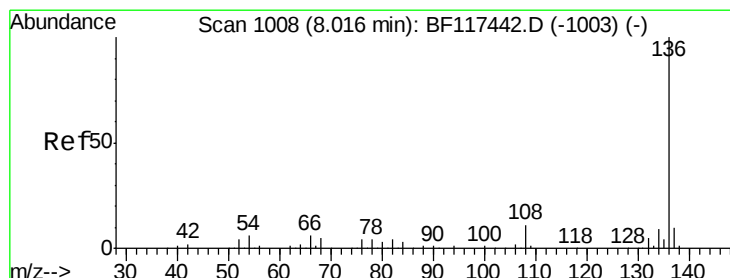
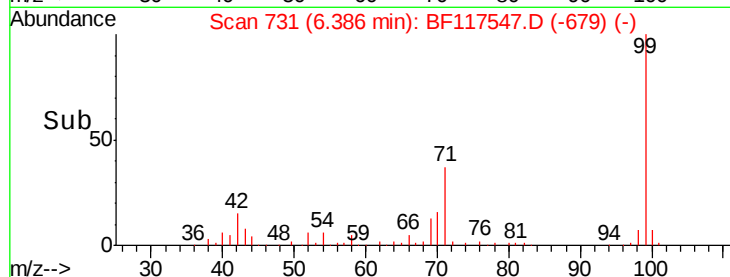
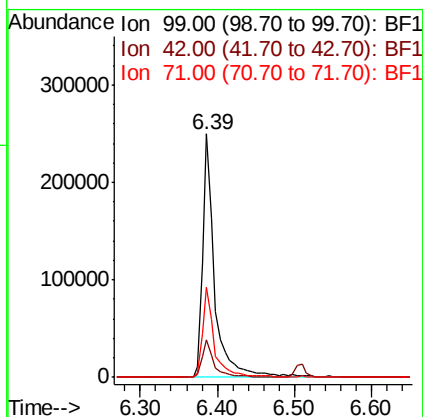
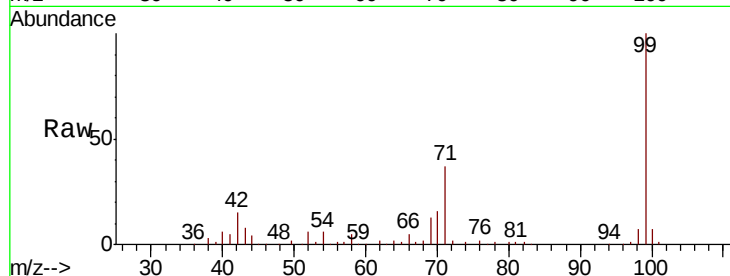
ClientSampleId :

191-36-(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		274332		
42	15.3	12.8	19.2		
71	37.1	28.6	43.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

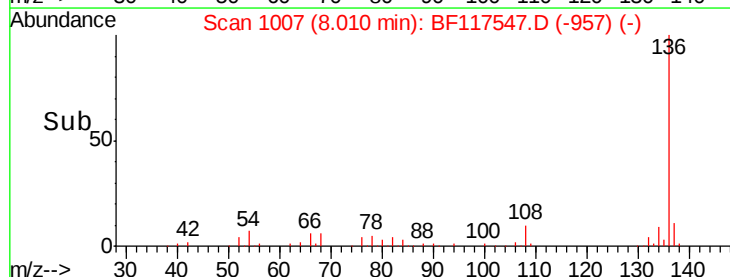
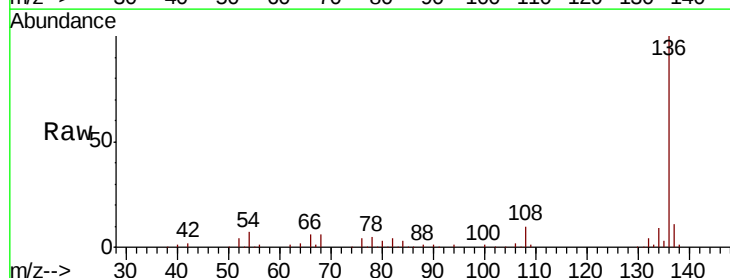
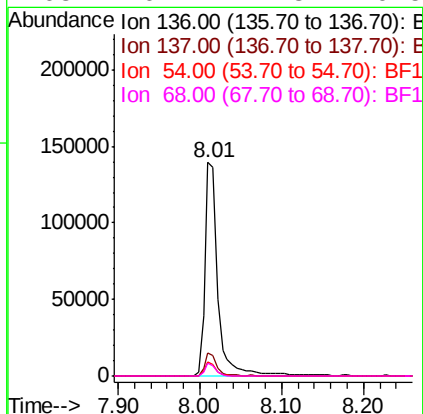
RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117547.D

Acq: 25 Oct 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		155259		
137	10.9	8.2	12.4		
54	6.6	4.5	6.7		
68	6.1	4.3	6.5		





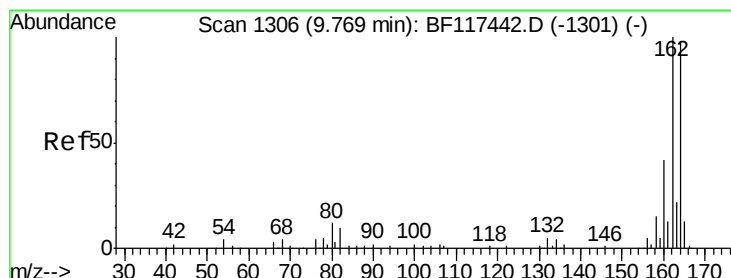
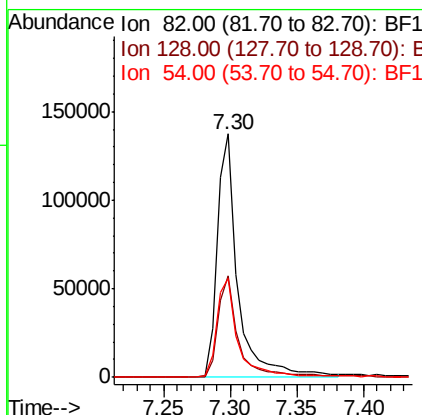
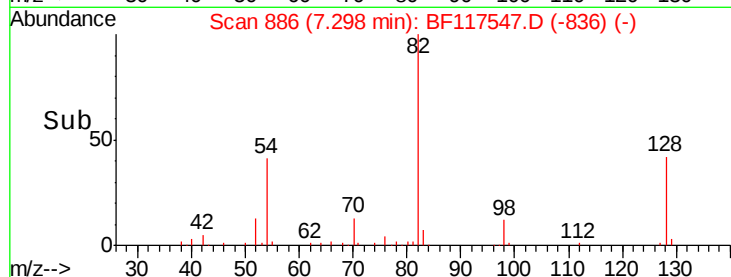
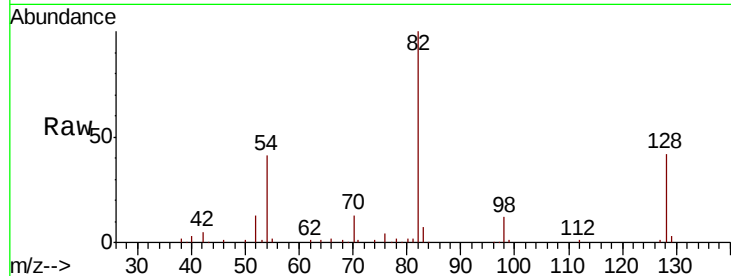
#23
Nitrobenzene-d5
Concen: 47.911 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	150678		
128	41.8		32.2	48.2
54	40.5		34.2	51.2

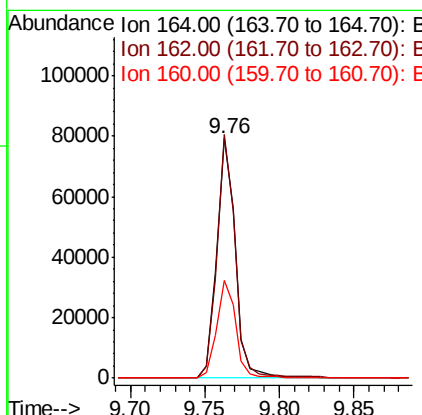
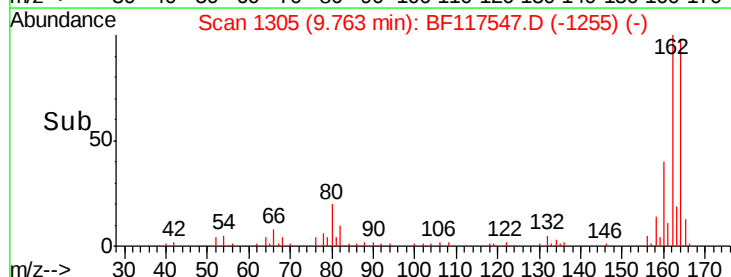
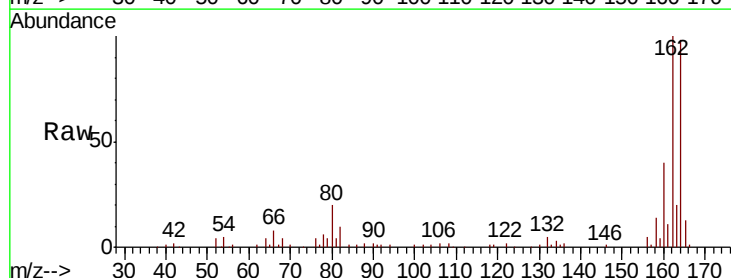
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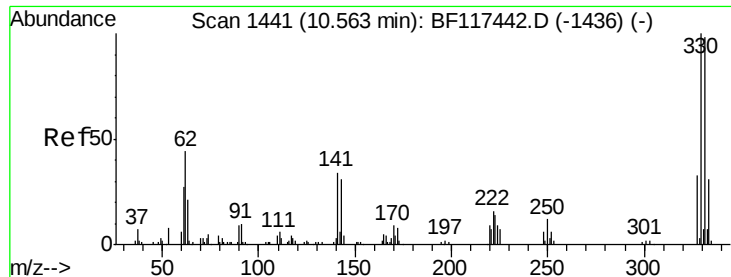
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69239		
162	101.8		81.8	122.6
160	40.9		34.4	51.6





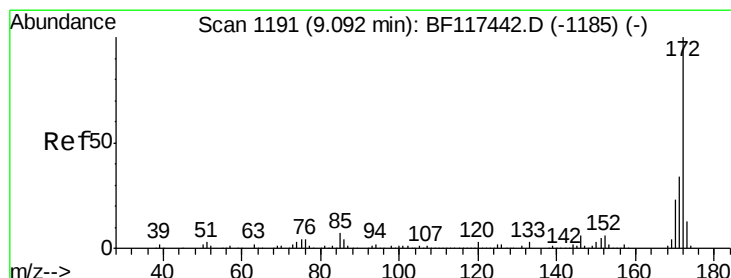
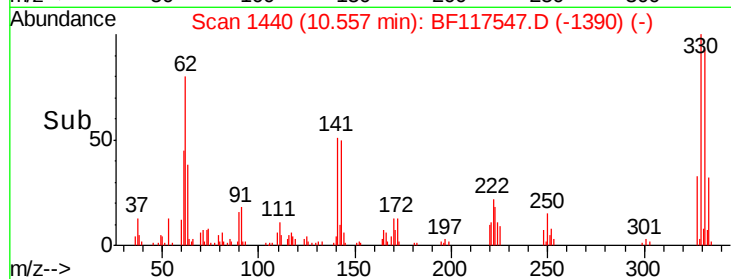
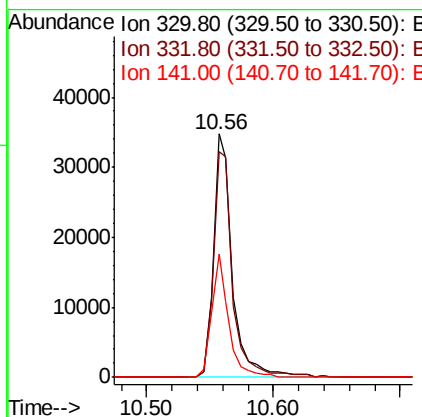
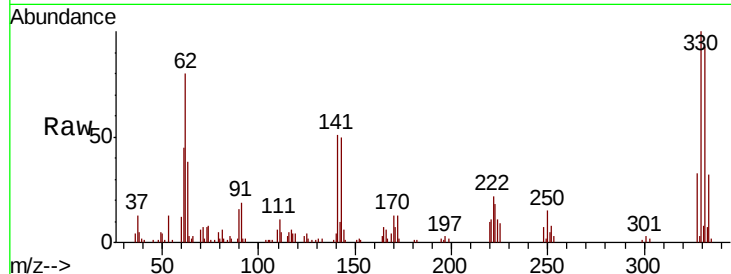
#42
 2,4,6-Tribromophenol
 Concen: 60.882 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117547.D
 Acq: 25 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 191-36-(0-1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.5	117.7
141	45.2	37.0	55.6

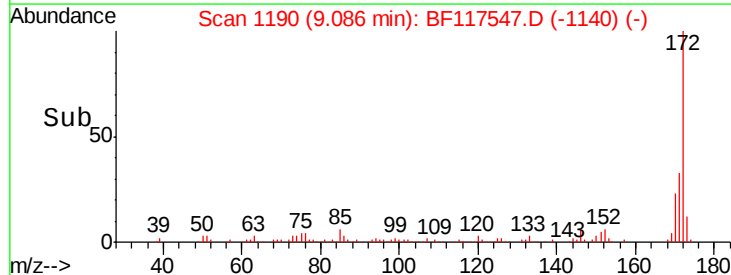
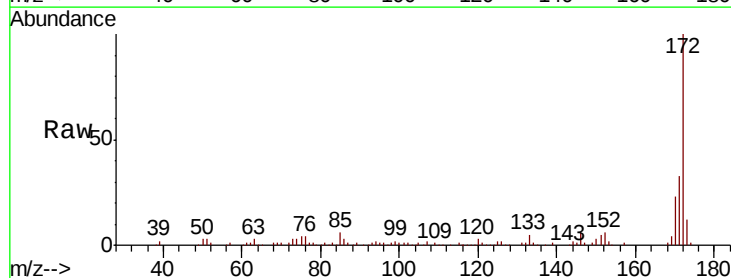
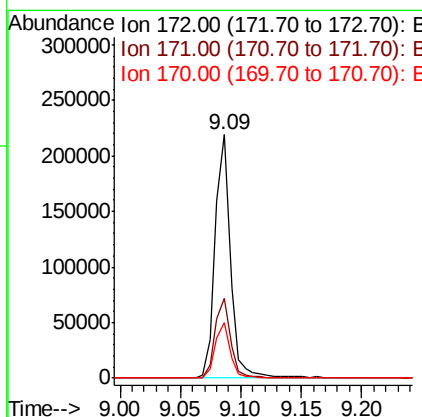
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#45
 2-Fluorobiphenyl
 Concen: 39.127 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117547.D
 Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.5	41.3
170	22.6	18.6	27.8





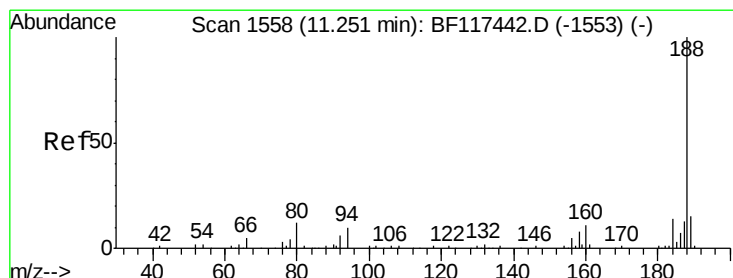
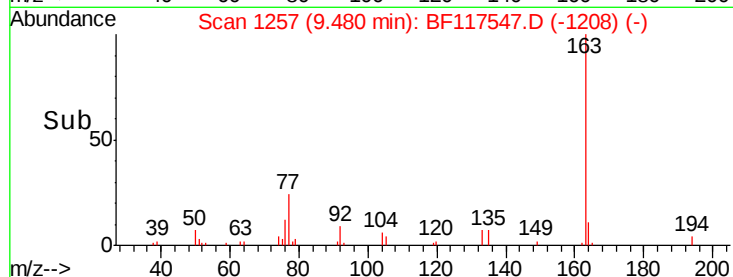
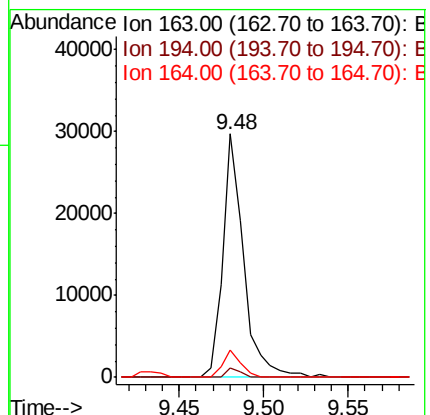
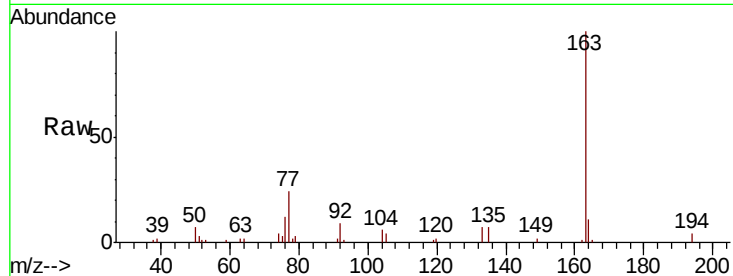
#50
Dimethylphthalate
Concen: 5.196 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion:	163	Resp:	25645
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.9	4.3
164	11.0	8.2	12.2

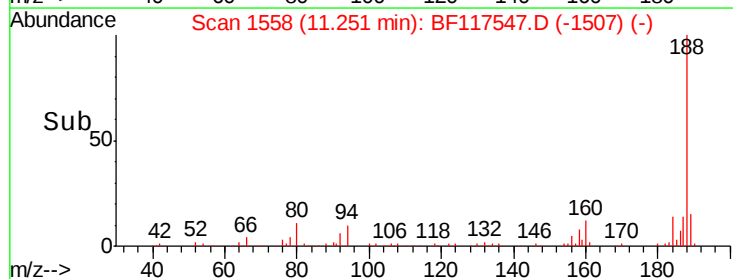
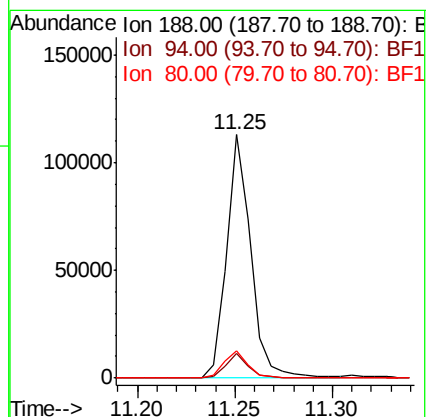
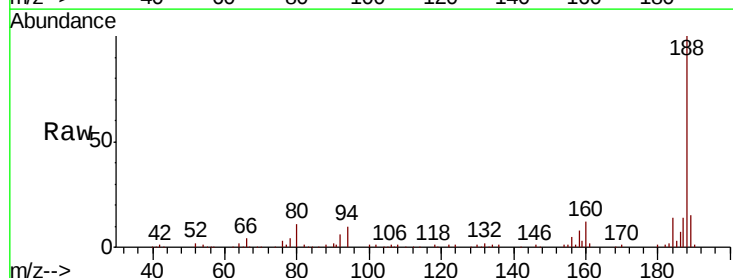
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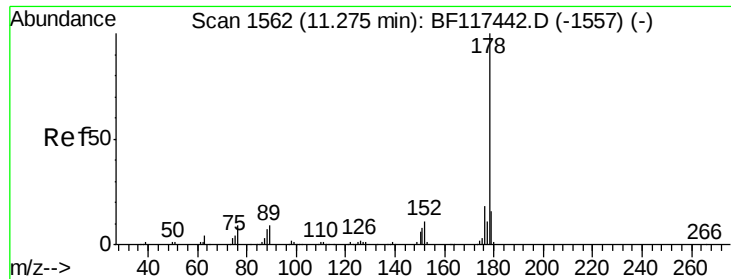
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion:	188	Resp:	97453
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.0	12.0
80	11.5	9.5	14.3





#71

Phenanthrene

Concen: 5.132 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117547.D

Acq: 25 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

191-36-(0-1)

Tot Ion:178 Resp: 29038

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

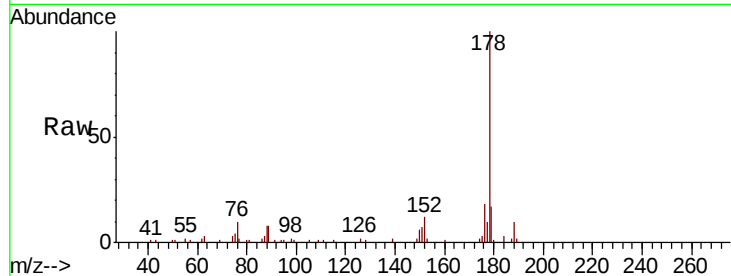
179 16.5 12.6 19.0

Manual Integrations

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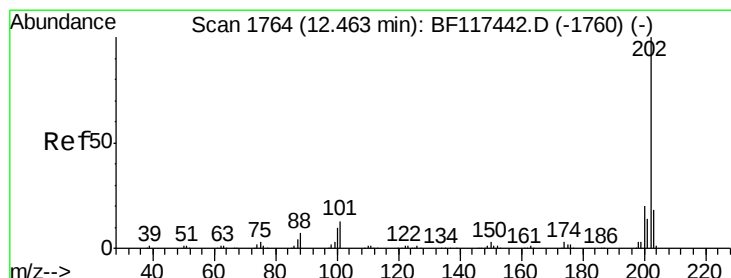
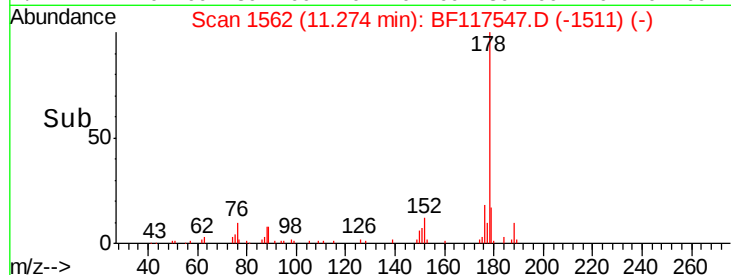
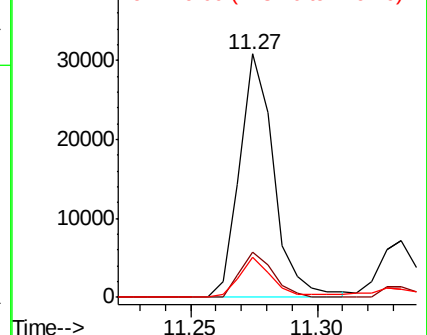


Abundance

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: 9.587 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117547.D

Acq: 25 Oct 2019 20:13

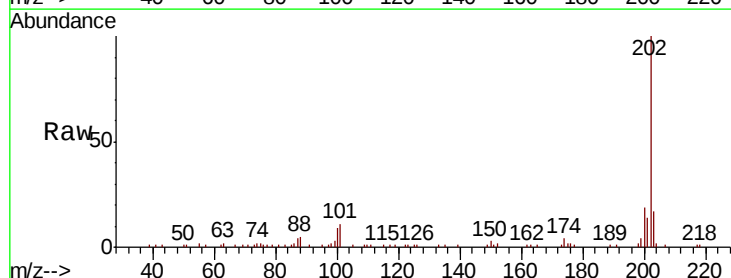
Tgt Ion:202 Resp: 54309

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.7

203 17.4 0.0 37.6

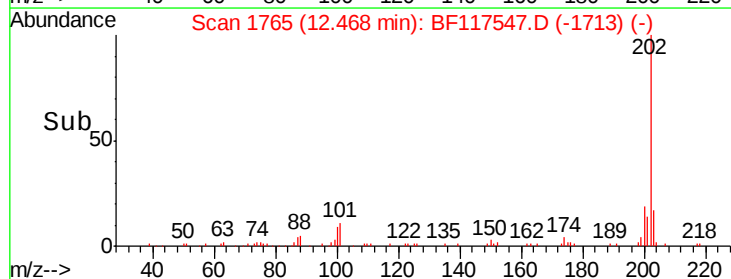
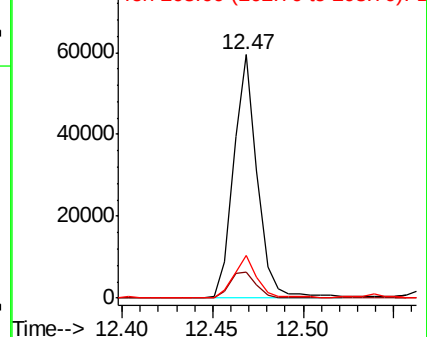


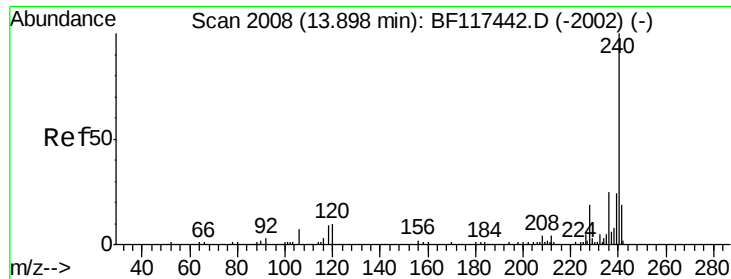
Abundance

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





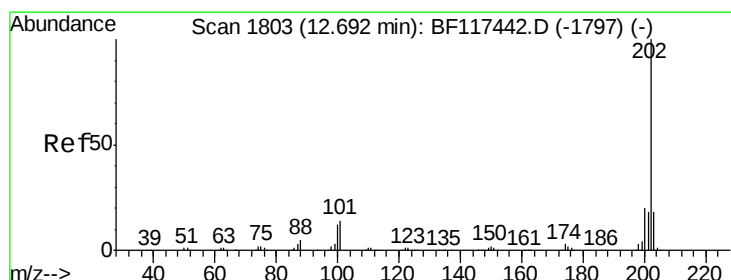
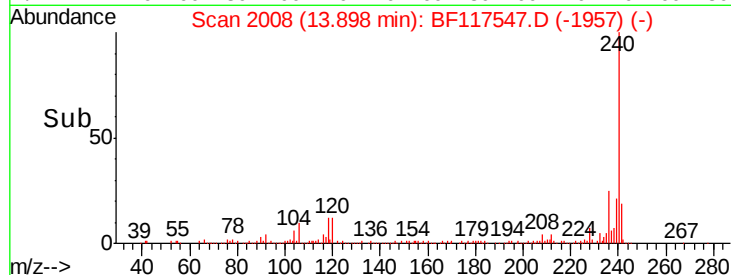
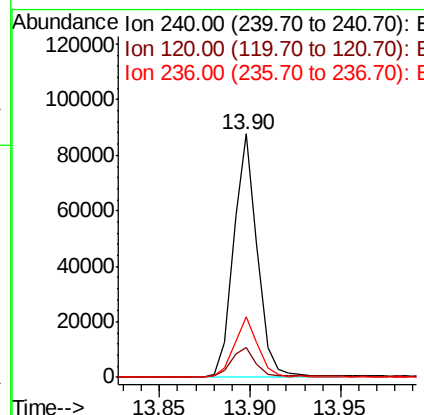
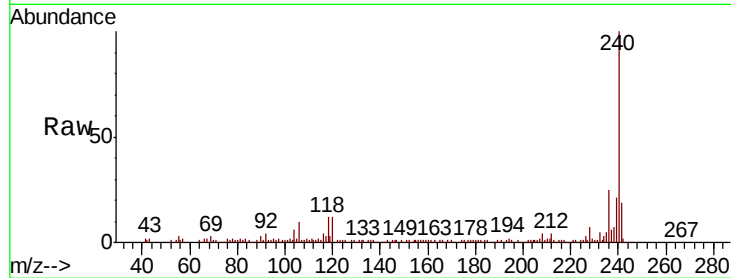
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	80023		
120	12.2		8.4	12.6
236	25.0		20.0	30.0

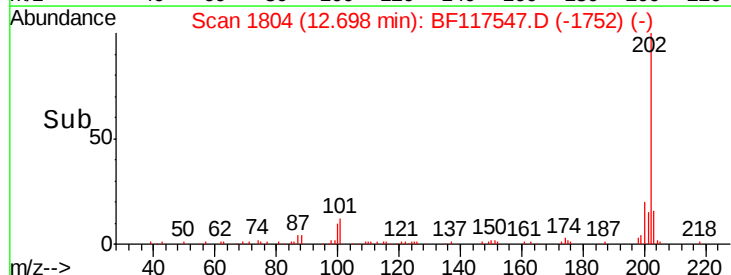
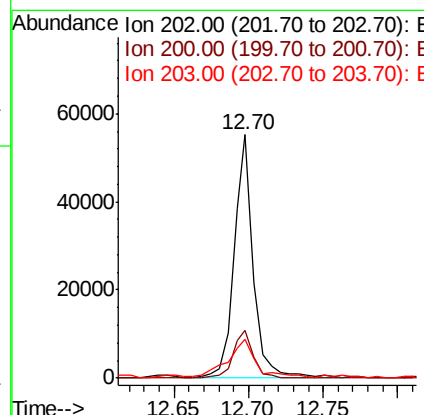
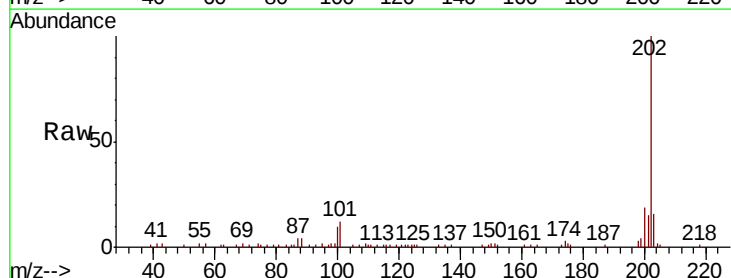
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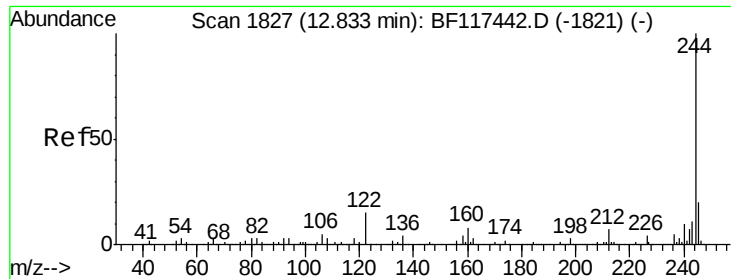
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#78
Pyrene
Concen: 7.311 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	50252		
200	19.4		16.2	24.2
203	15.8		14.0	21.0





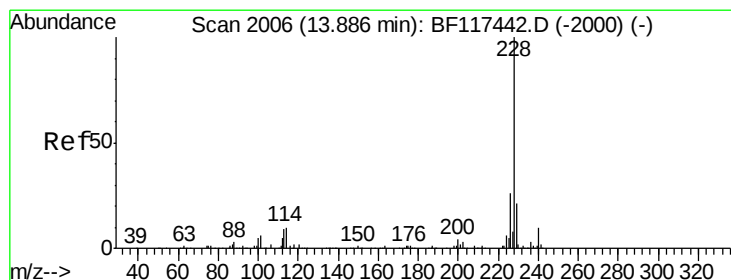
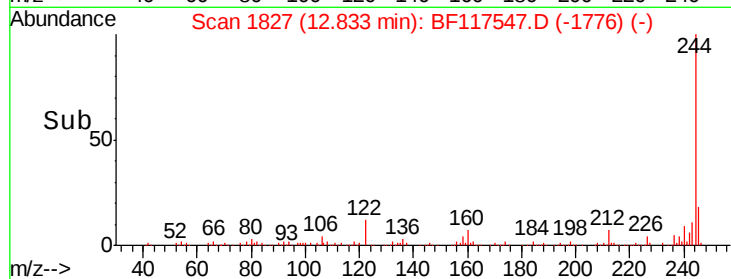
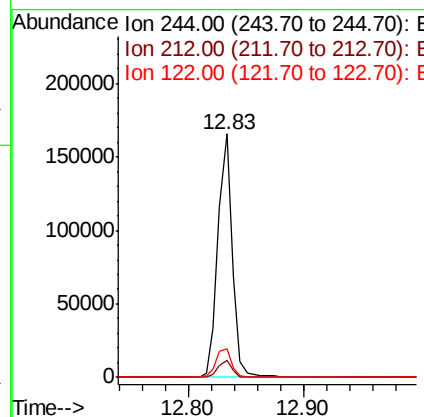
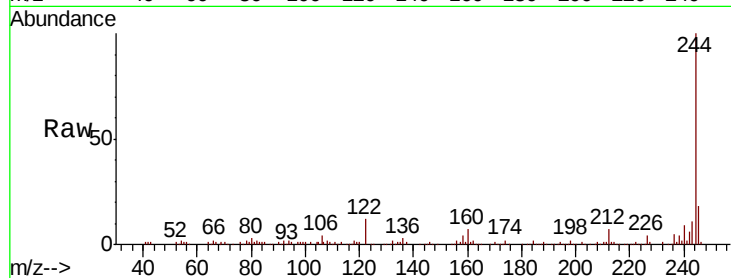
#79
 Terphenyl-d14
 Concen: 29.326 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117547.D
 Acq: 25 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 191-36-(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.5	11.8	17.8

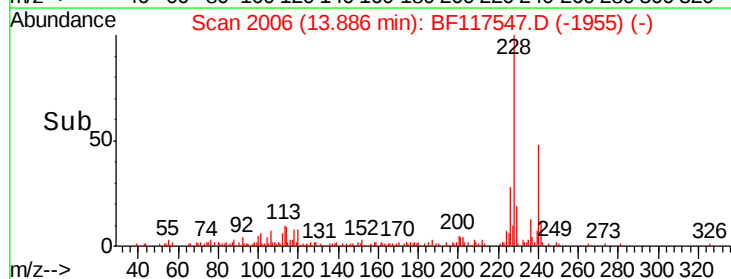
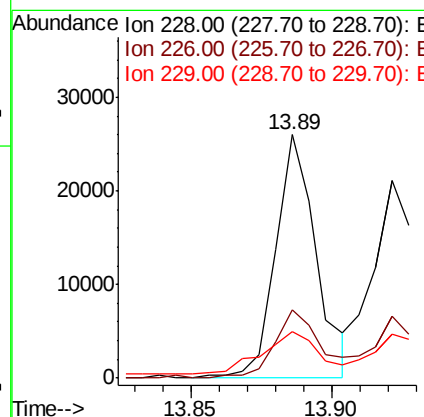
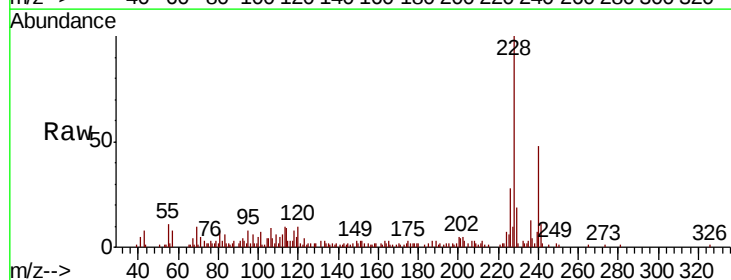
Manual Integrations
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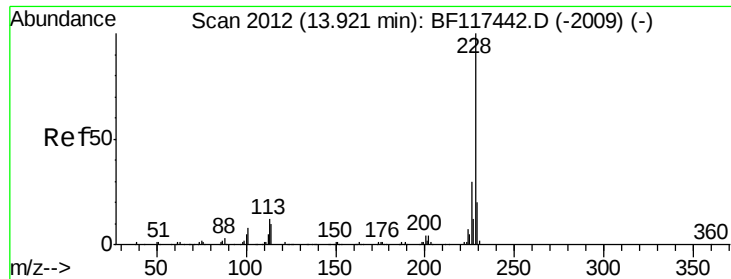
mohammad
 10/29/2019 3:33:43 PM



#81
 Benzo(a)anthracene
 Concen: 4.813 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF117547.D
 Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.4
229	19.2	16.4	24.6





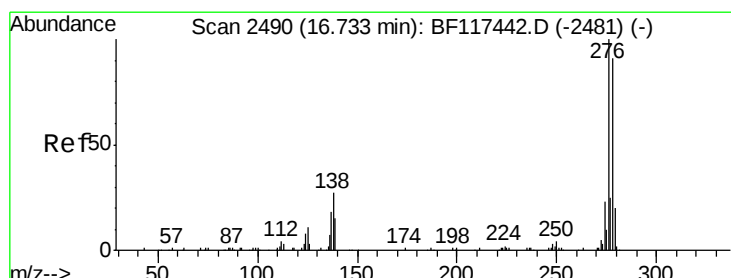
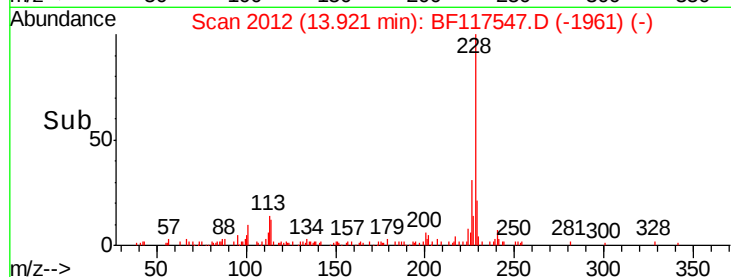
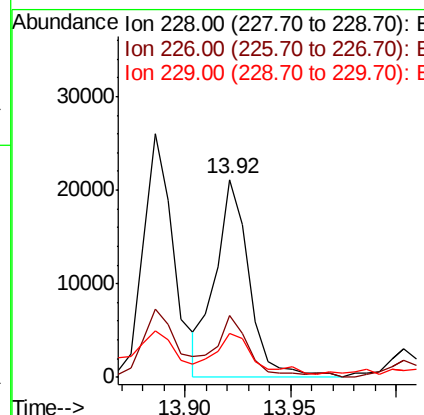
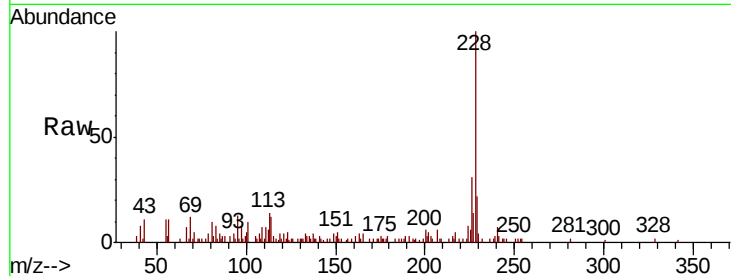
#83
Chrysene
Concen: 4.454 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion:	228	Resp:	23561
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.9	35.9
229	22.0	15.8	23.6

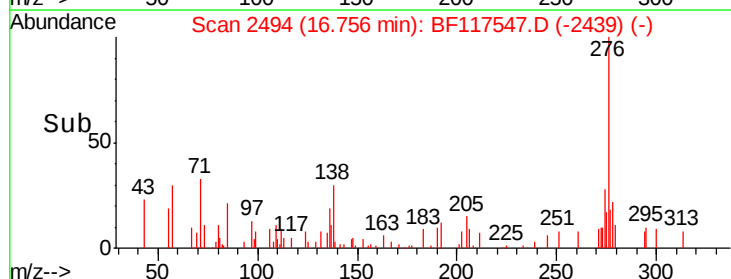
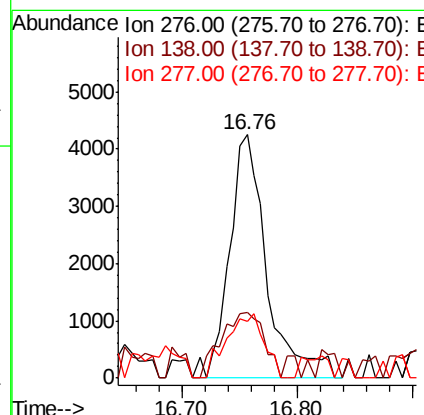
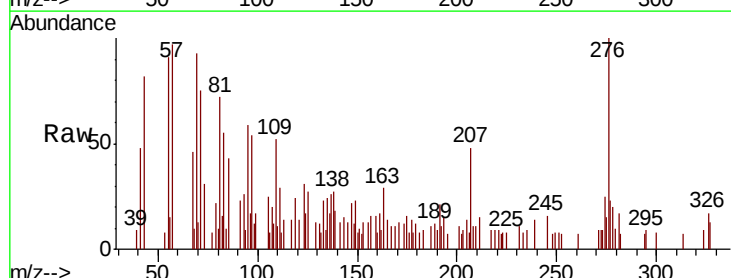
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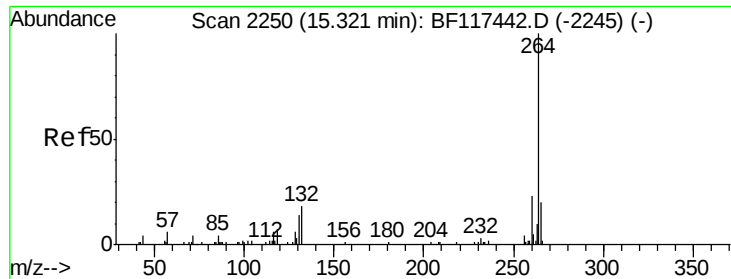
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.409 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion:	276	Resp:	9514
Ion Ratio	Lower	Upper	
276	100		
138	31.4	21.8	32.8
277	26.8	20.0	30.0





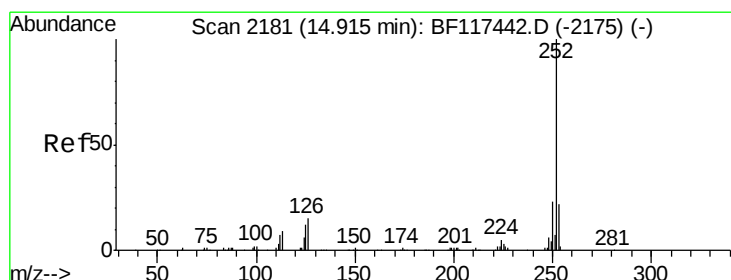
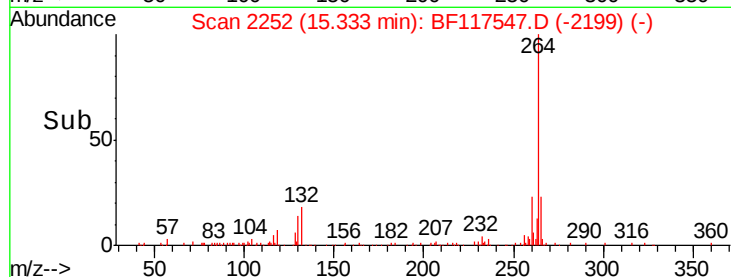
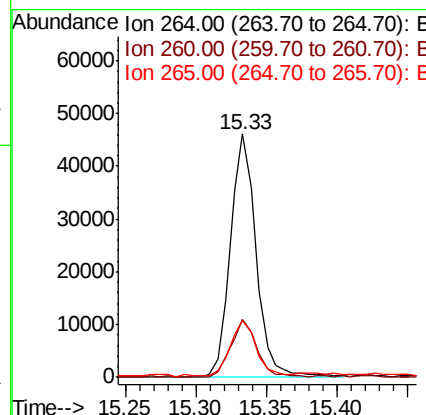
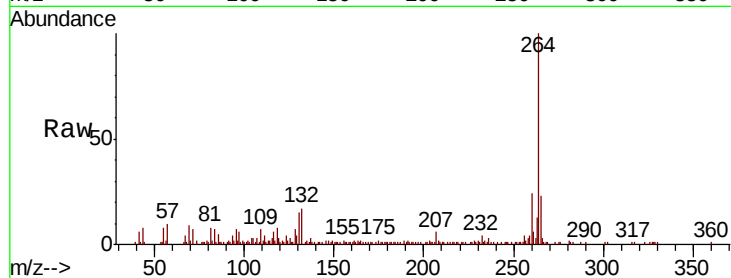
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	23.2	16.1	24.1

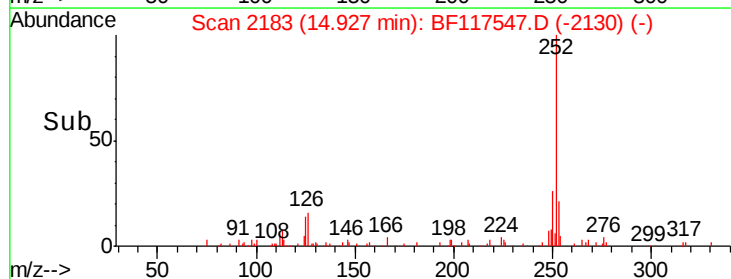
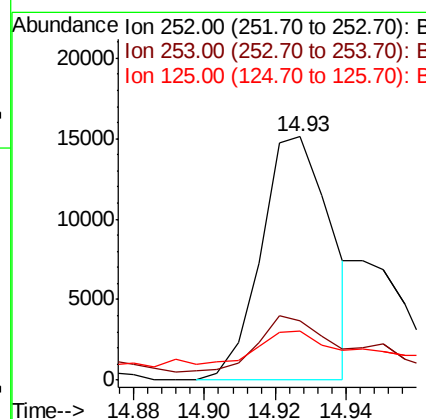
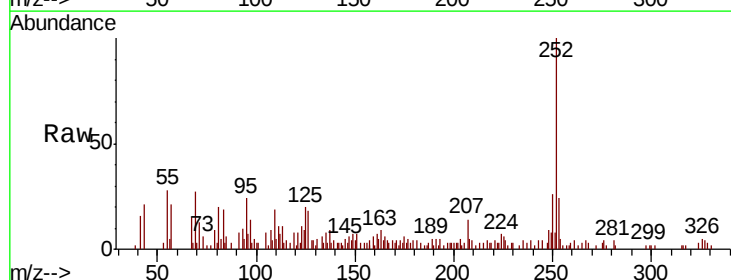
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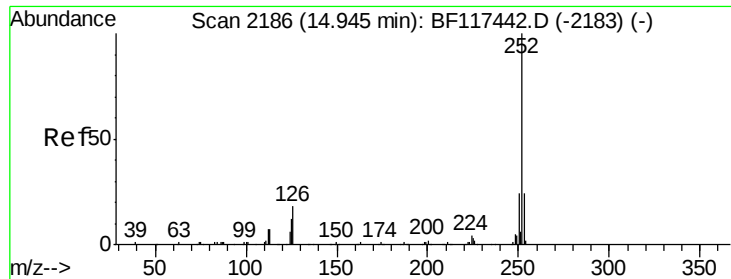
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.992 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	20.4	9.9	14.9#





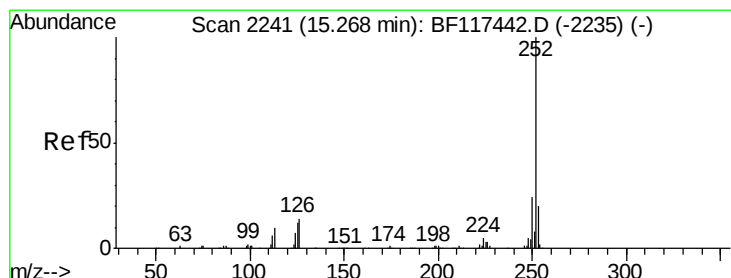
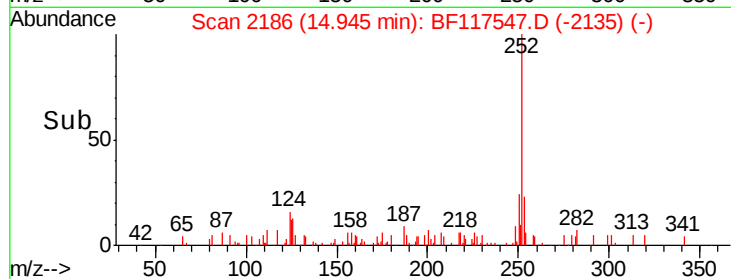
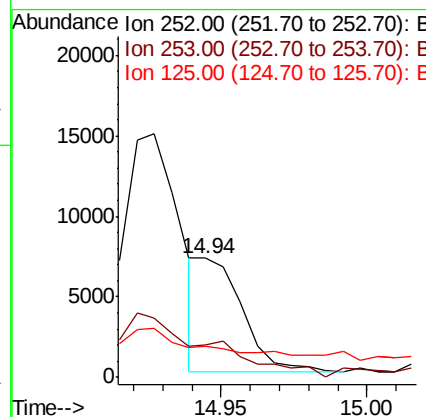
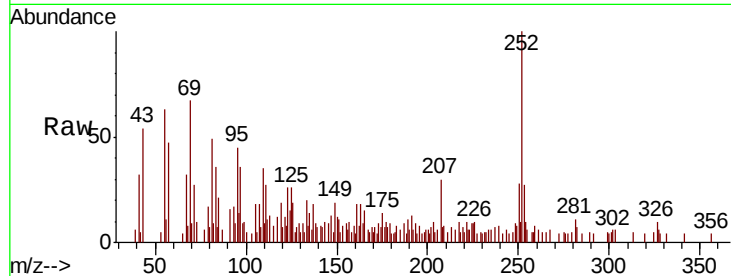
#89
Benzo(k)fluoranthene
Concen: 2.118 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.0	27.0#
125	26.1	8.9	13.3#

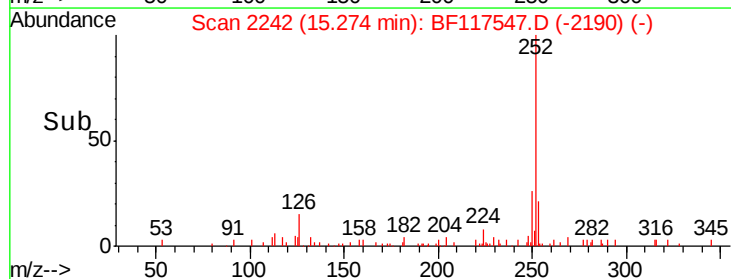
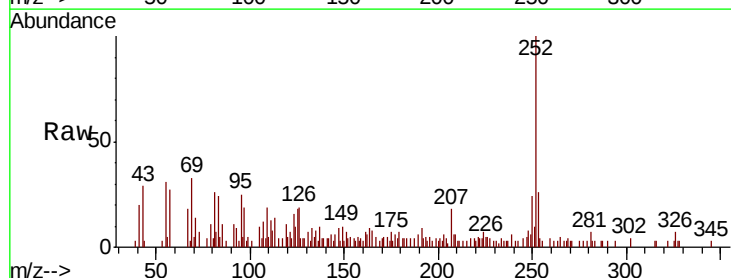
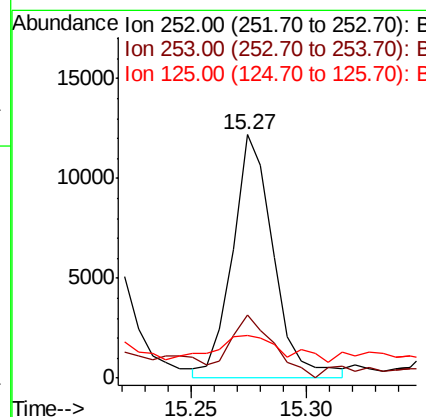
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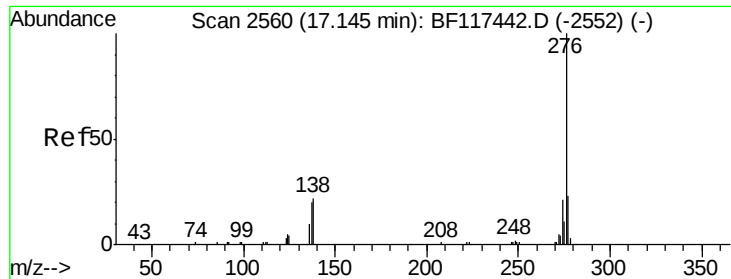
mohammad
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#90
Benzo(a)pyrene
Concen: 4.813 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117547.D
Acq: 25 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	16.3	24.5#
125	17.5	9.2	13.8#





#92
 Benzo(a,h,i)perylene
 Concen: 3.087 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: BF117547.D
 Acq: 25 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 191-36-(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.4	27.6#
138	34.0	17.8	26.6#

Manual Integrations
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