

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117336.D
 Acq On : 4 Oct 2019 00:11
 Operator : JU
 Sample : K5165-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NBP-2019

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:26:15 AM

Quant Time: Oct 04 05:29:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	46762	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	156403	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	57718	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	92780	20.00	ng	0.00
76) Chrysene-d12	13.97	240	85038	20.00	ng	0.00
87) Perylene-d12	15.43	264	64209	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	265891	88.77	ng	0.00
7) Phenol-d6	6.46	99	374664	96.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	220311	74.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	45871	95.09	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	327922	88.83	ng	-0.01
79) Terphenyl-d14	12.91	244	303761	66.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	28720	7.028	ng	99
71) Phenanthrene	11.35	178	65108	12.355	ng	98
72) Anthracene	11.40	178	18825m	3.499	ng	
75) Fluoranthene	12.54	202	142606	26.336	ng	99
78) Pyrene	12.77	202	129203	18.108	ng	95
81) Benzo(a)anthracene	13.96	228	67605	11.899	ng	98
83) Chrysene	14.00	228	61313	11.065	ng	95
84) Bis(2-ethylhexyl)phthalate	13.94	149	11158	2.567	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.89	276	24062	5.952	ng	# 90
88) Benzo(b)fluoranthene	15.01	252	59238m	15.231	ng	
89) Benzo(k)fluoranthene	15.03	252	20442m	5.548	ng	
90) Benzo(a)pyrene	15.37	252	38376	11.244	ng	# 96
91) Dibenzo(a,h)anthracene	16.89	278	5937	2.184	ng	# 64
92) Benzo(g,h,i)perylene	17.33	276	24237	8.946	ng	94

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

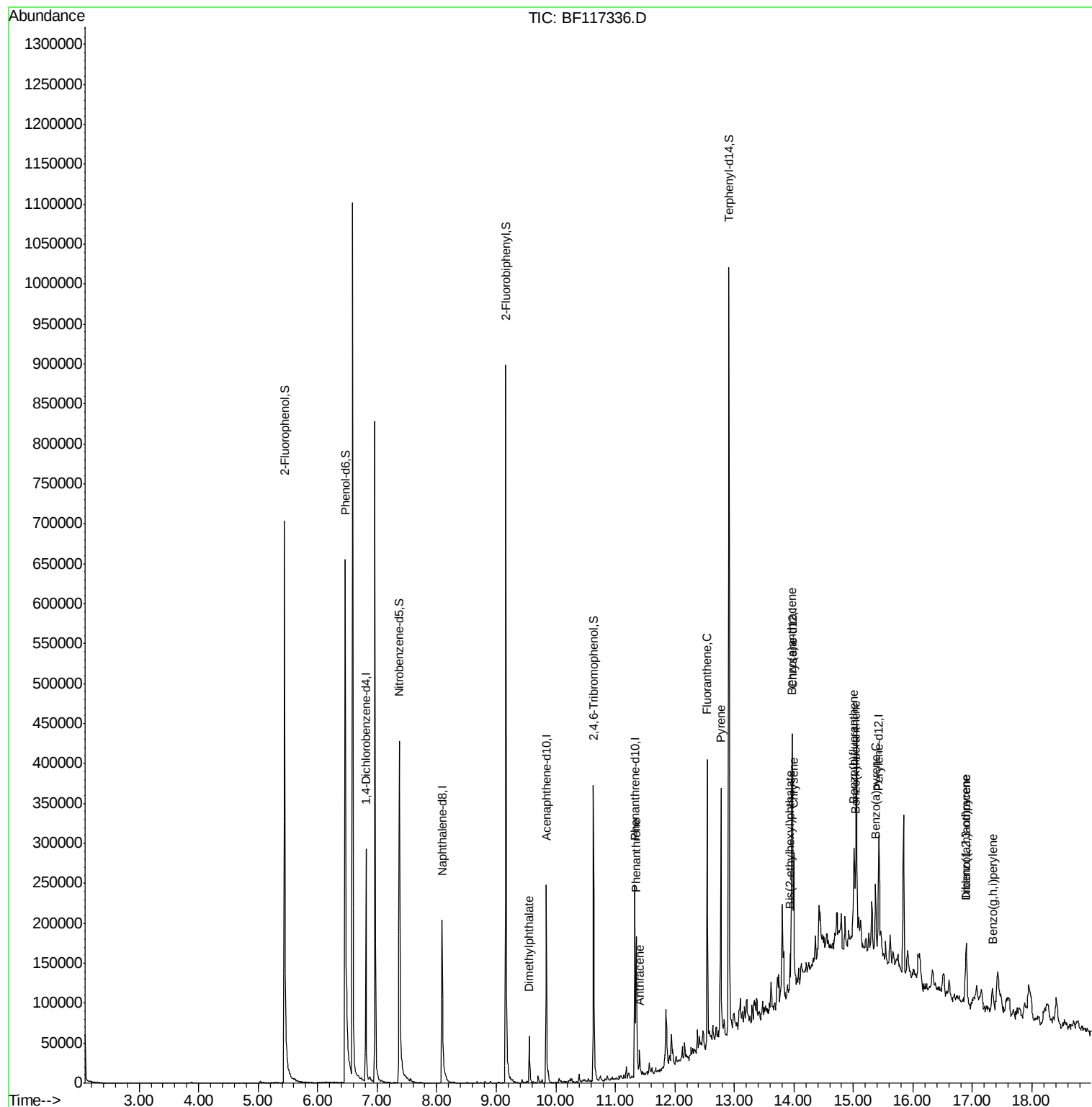
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117336.D
Acq On : 4 Oct 2019 00:11
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration





#1

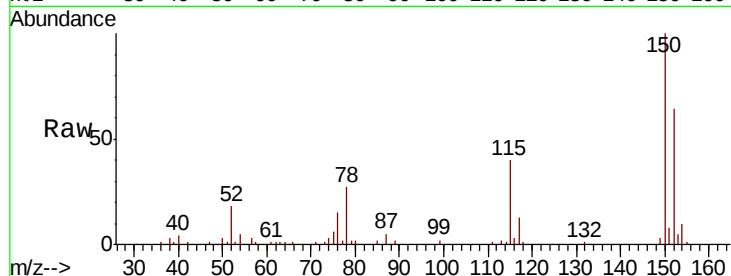
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampled :
NBP-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.5	191.3
115	61.4	55.0	82.4

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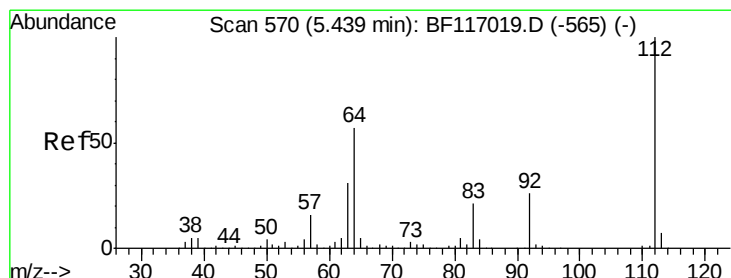
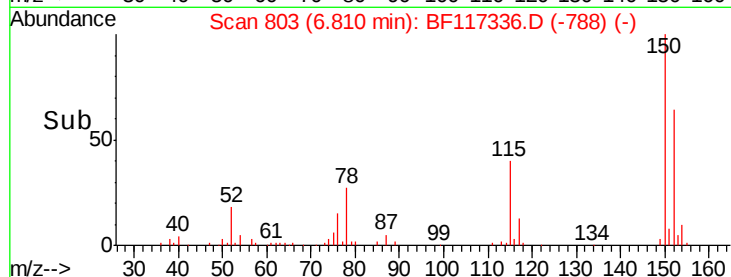
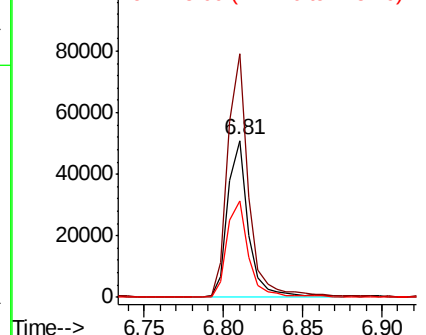


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

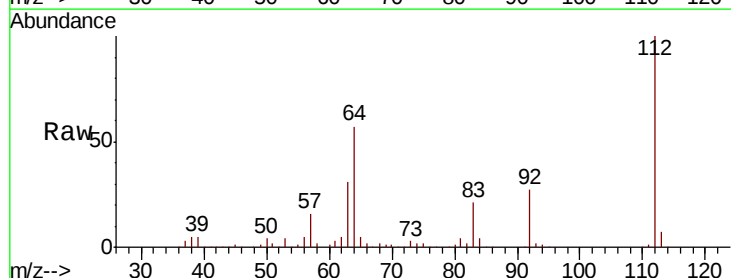
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.773 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	31.4	24.9	37.3

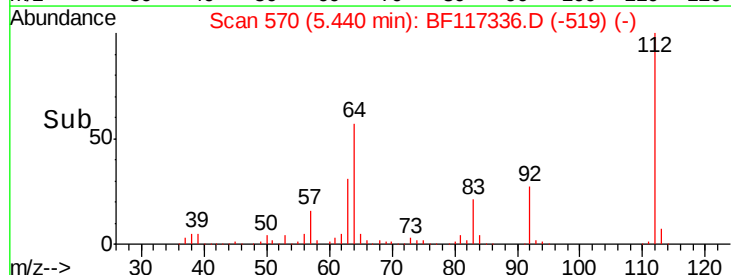
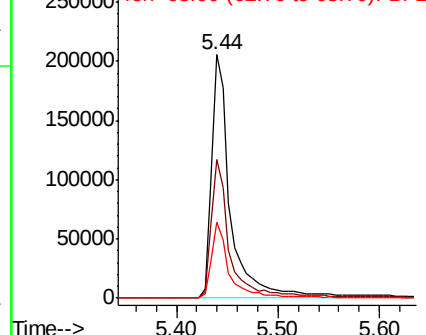


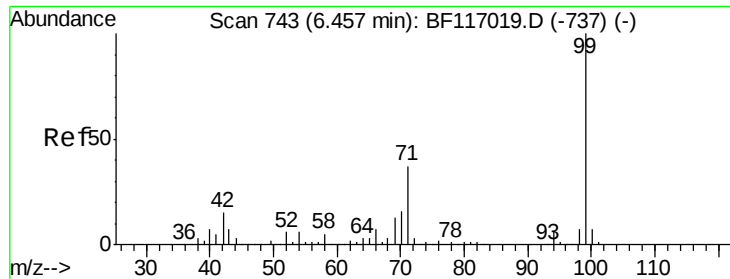
Abundance

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: 96.791 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Instrument :

BNA_F

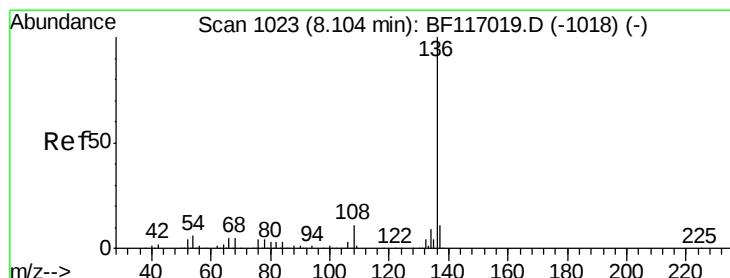
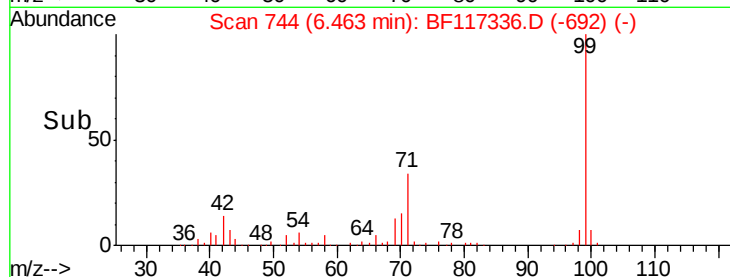
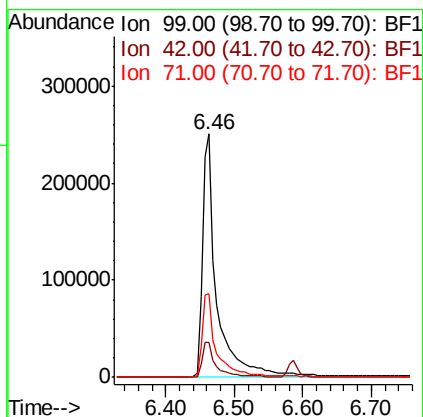
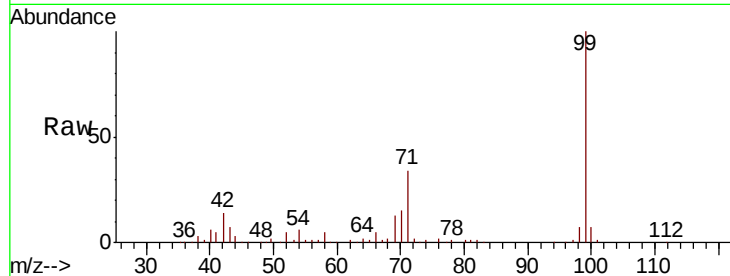
ClientSampleId :

NBP-2019

Tot Ion:	99	Resp:	374664
Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	34.3	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

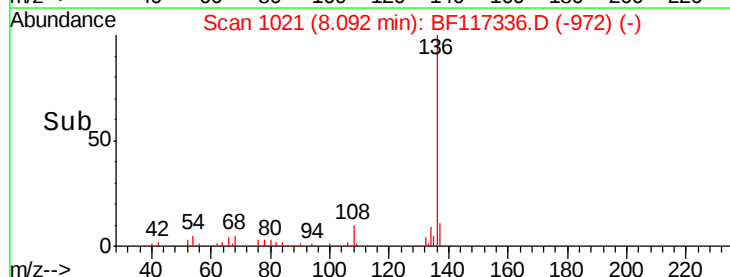
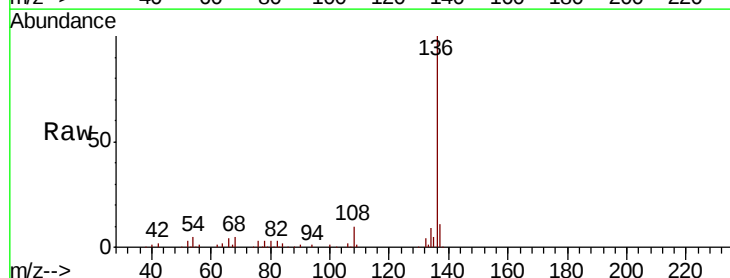
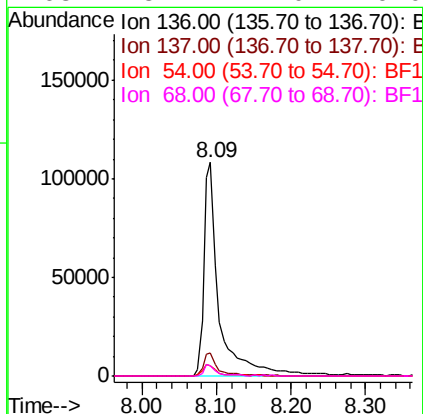
RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Tgt Ion:	136	Resp:	156403
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.0	4.5	6.7
68	5.1	4.0	6.0





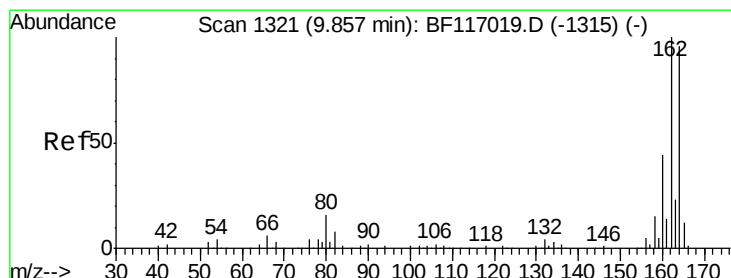
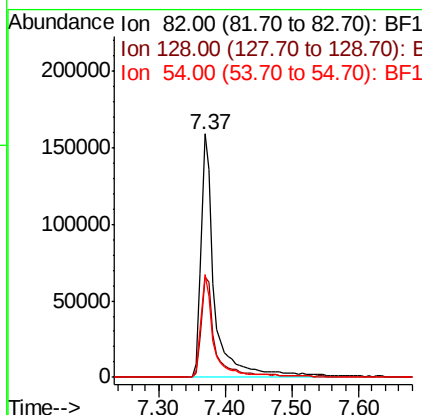
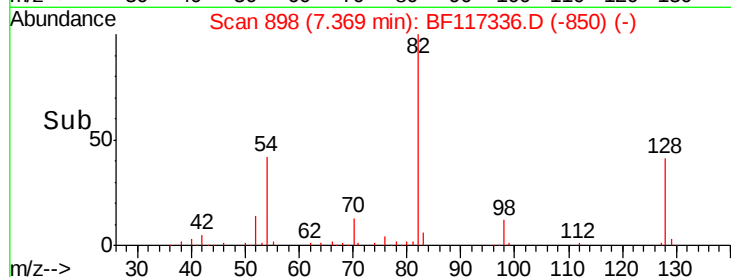
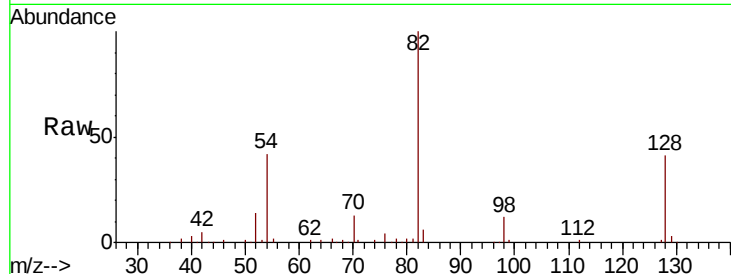
#23
Nitrobenzene-d5
Concen: 74.012 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.3	48.5
54	42.3	33.3	49.9

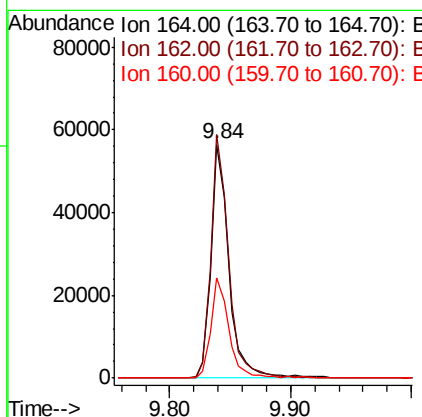
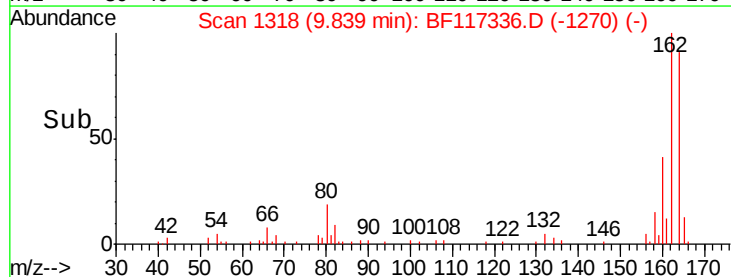
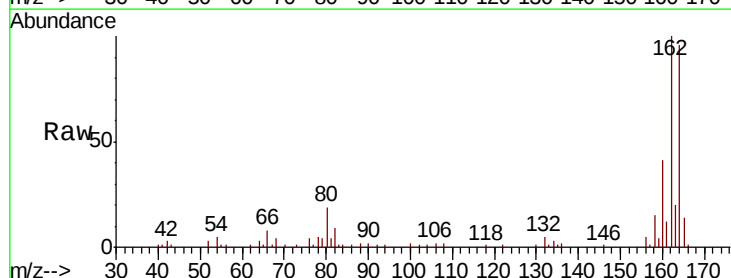
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.2
160	42.7	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 95.091 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Instrument :

BNA_F

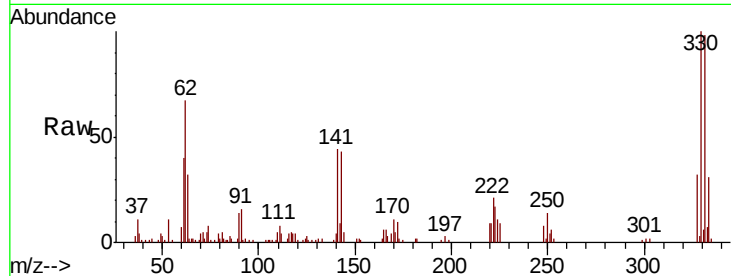
ClientSampled :

NBP-2019

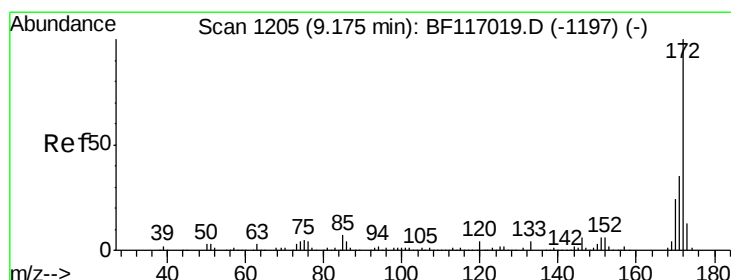
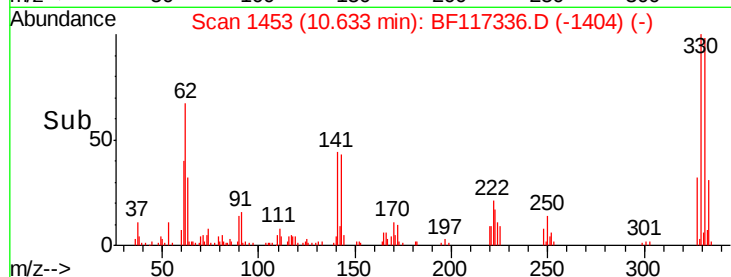
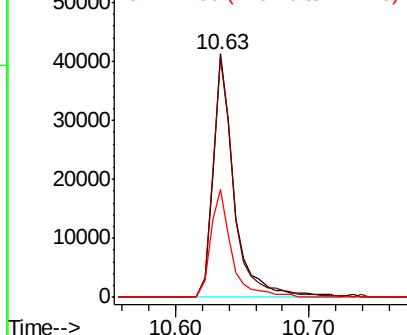
Tot Ion:	330	Resp:	45871
Ion Ratio	Lower	Upper	
330	100		
332	98.8	78.0	117.0
141	43.4	35.8	53.6

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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: 88.834 ng

RT: 9.16 min Scan# 1203

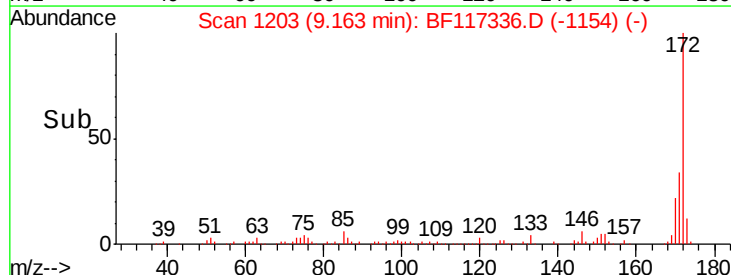
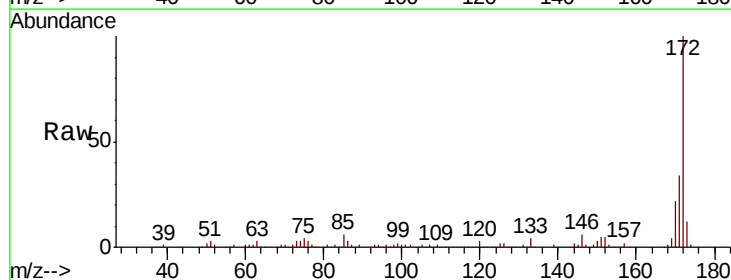
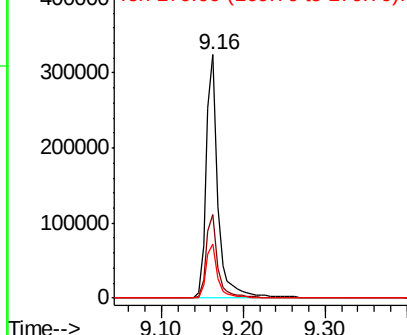
Delta R.T. -0.01 min

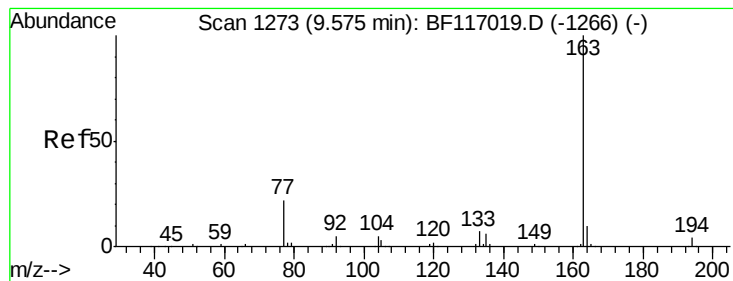
Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Tgt Ion:	172	Resp:	327922
Ion Ratio	Lower	Upper	
172	100		
171	34.1	28.2	42.2
170	22.1	18.9	28.3

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: 7.028 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Instrument :

BNA_F

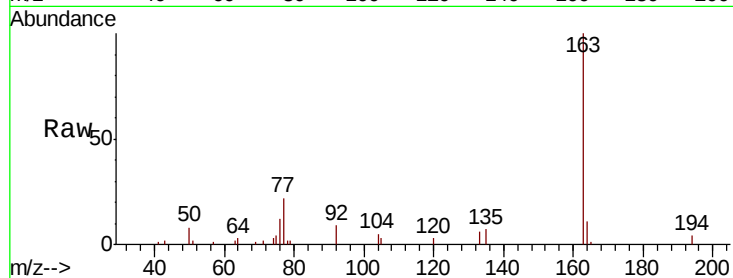
ClientSampleId :

NBP-2019

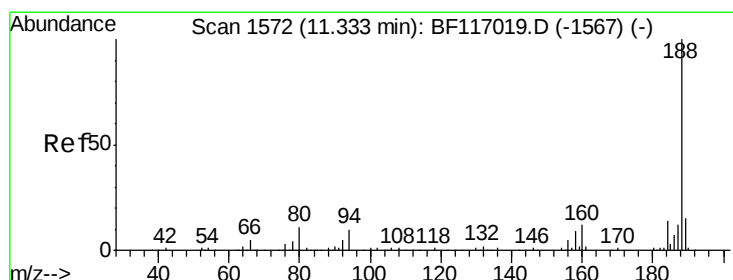
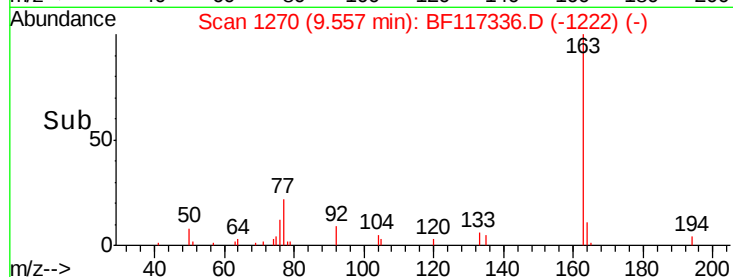
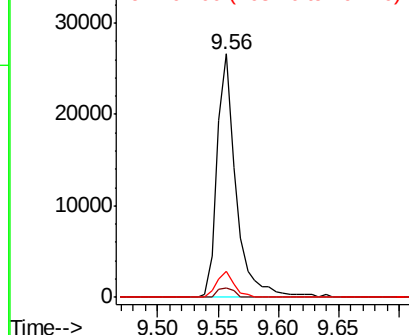
Tot Ion:	163	Resp:	28720
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.9	4.3
164	10.9	8.2	12.4

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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

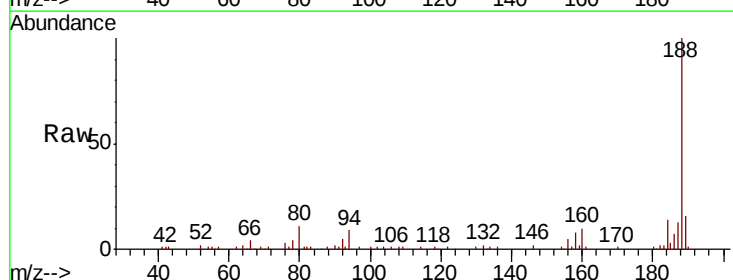
RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

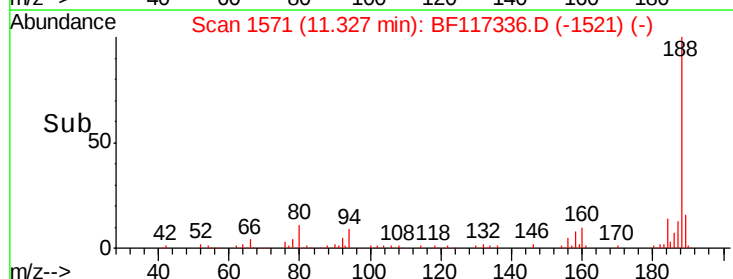
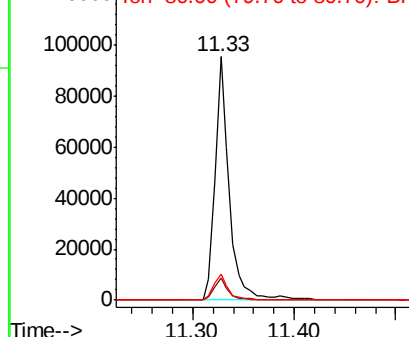
Lab File: BF117336.D

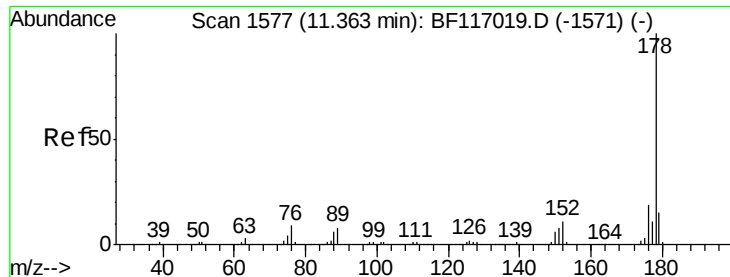
Acq: 4 Oct 2019 00:11

Tgt Ion:	188	Resp:	92780
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.2
80	10.6	9.0	13.6



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





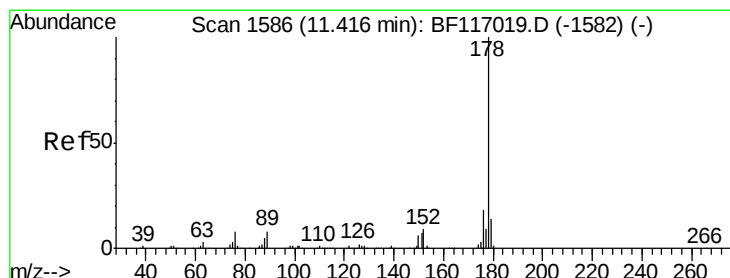
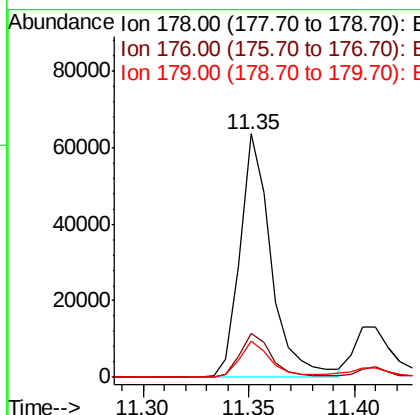
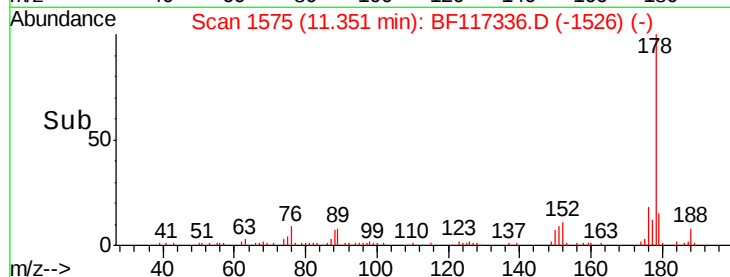
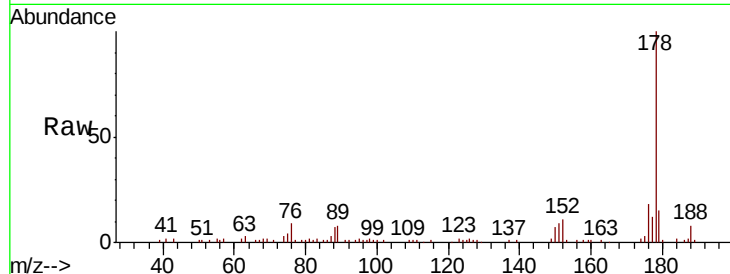
#71
Phenanthrene
Concen: 12.355 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.1	12.4	18.6

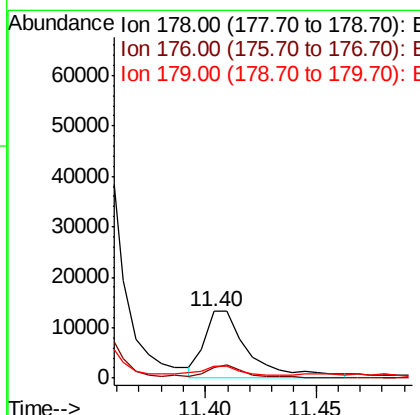
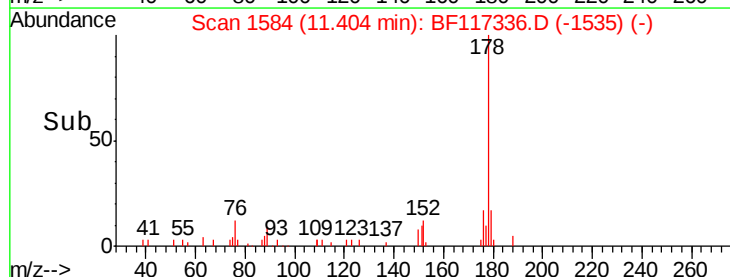
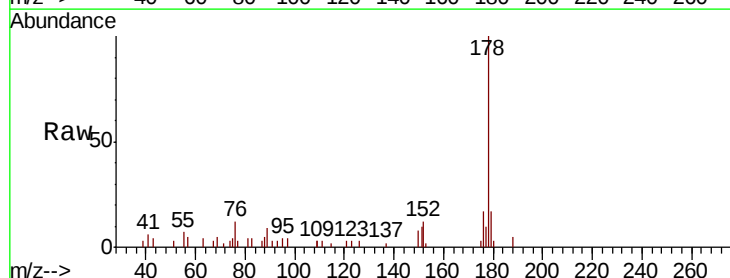
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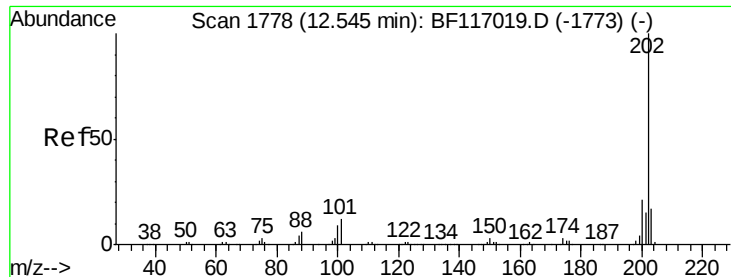
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#72
Anthracene
Concen: 3.499 ng m
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.6	21.8
179	17.4	11.6	17.4#





#75

Fluoranthene

Concen: 26.336 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Instrument :

BNA_F

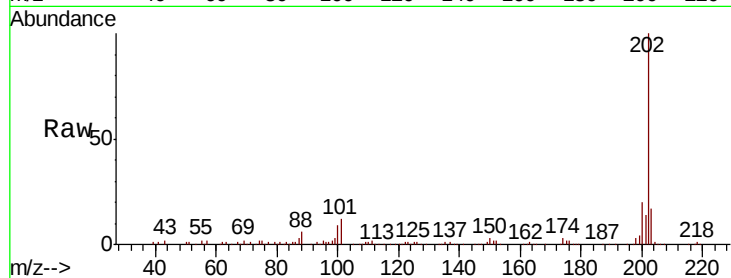
ClientSampleId :

NBP-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		142606		
101	11.5	0.0	32.3		
203	17.1	0.0	37.1		

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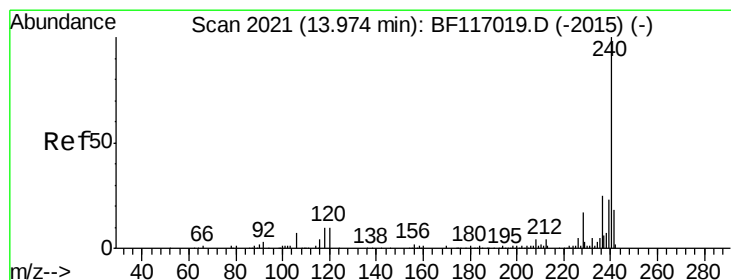
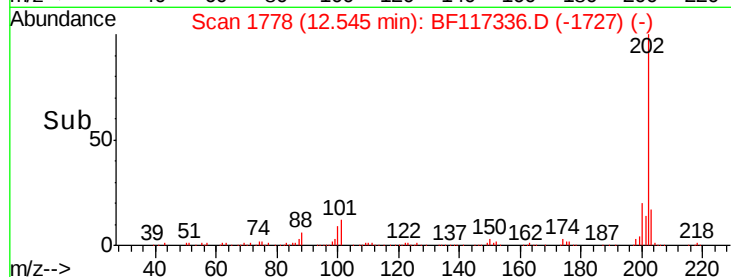
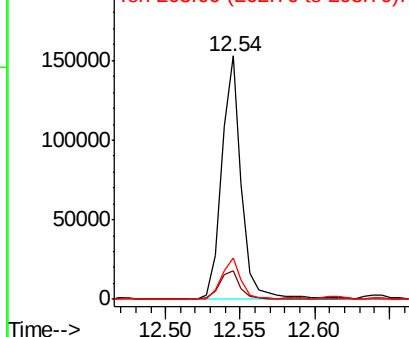


Abundance

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

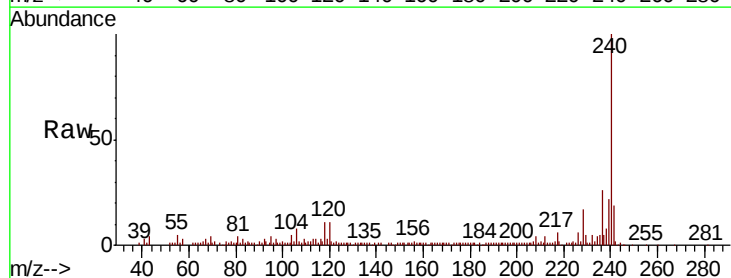
RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		85038		
120	11.3	8.3	12.5		
236	25.6	20.3	30.5		

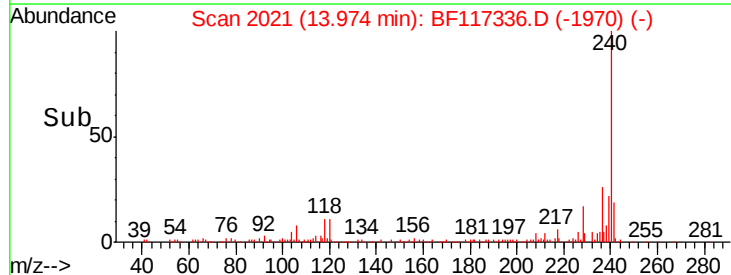
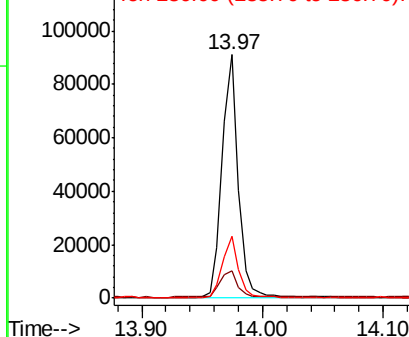


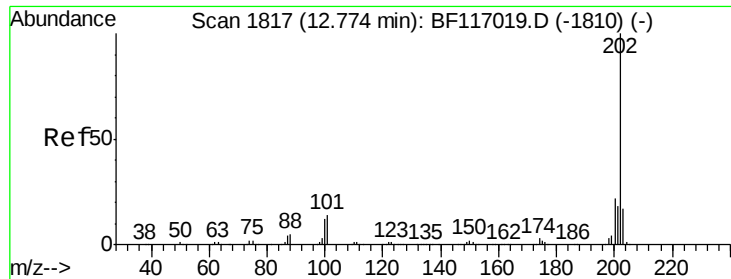
Abundance

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





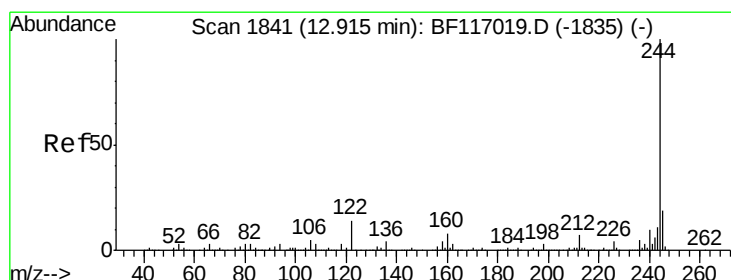
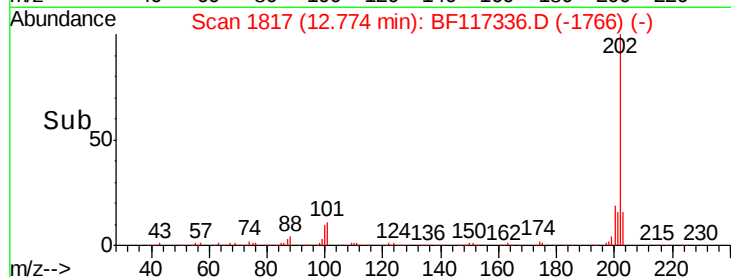
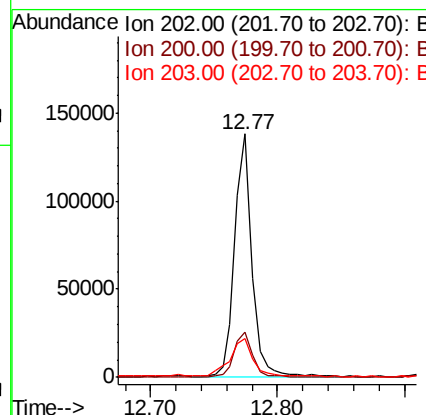
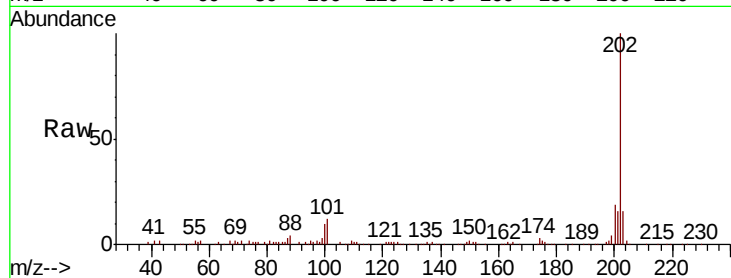
#78
Pvrene
Concen: 18.108 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.6	17.2	25.8
203	16.1	14.0	21.0

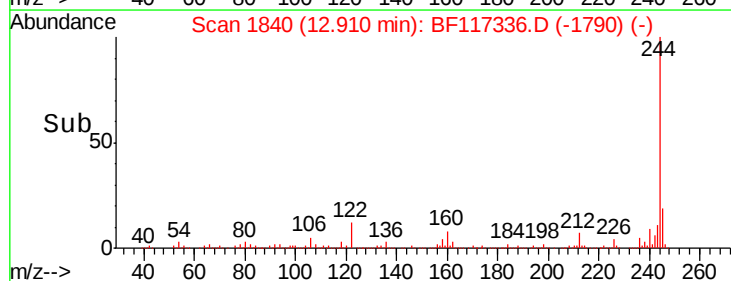
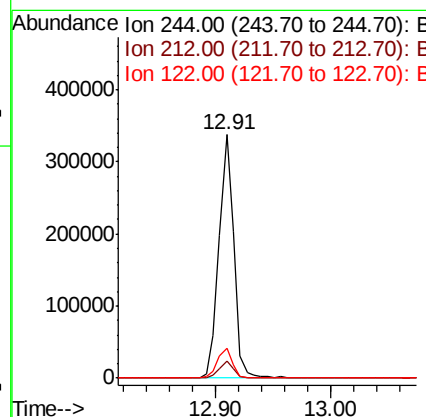
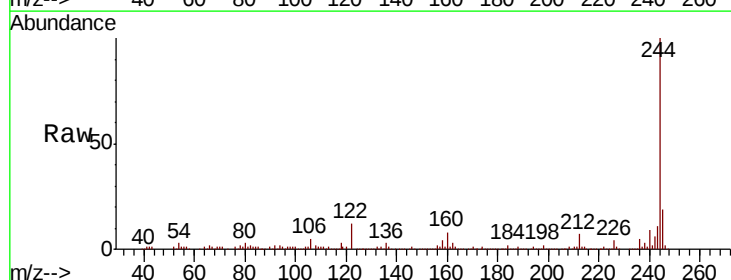
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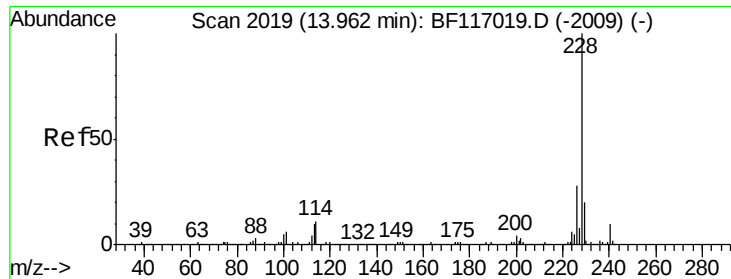
mohammad
10/7/2019 8:26:15 AM



#79
Terphenyl-d14
Concen: 66.770 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.4	11.3	16.9





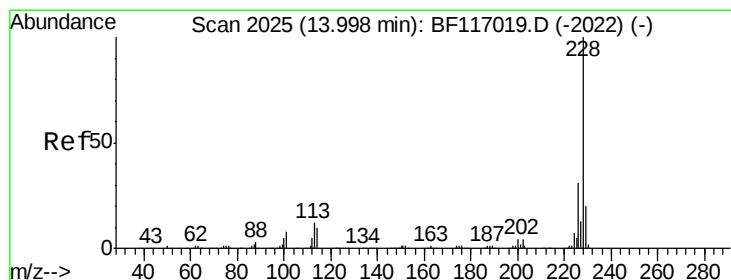
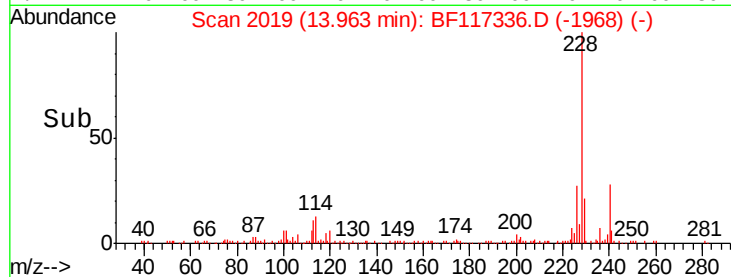
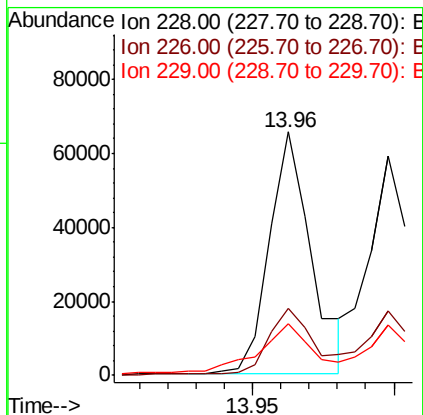
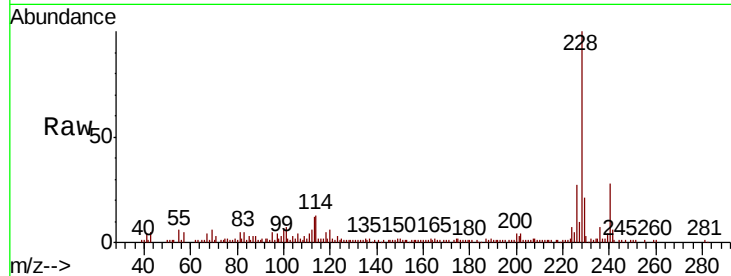
#81
Benzo(a)anthracene
Concen: 11.899 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	21.3	15.9	23.9

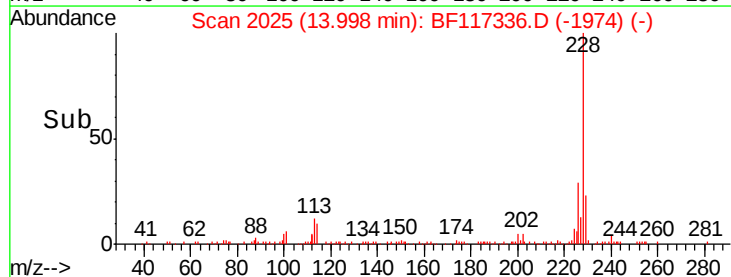
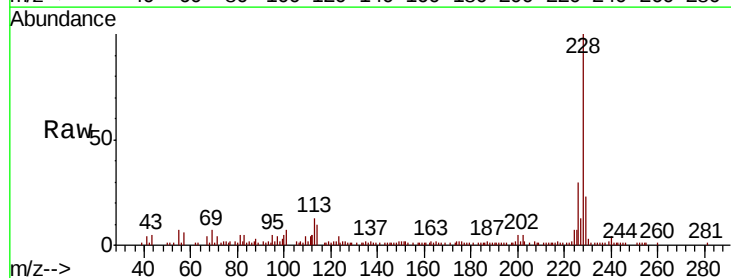
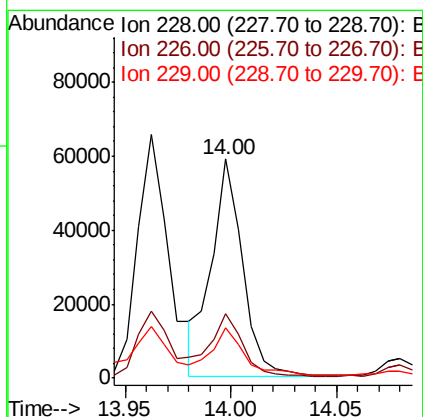
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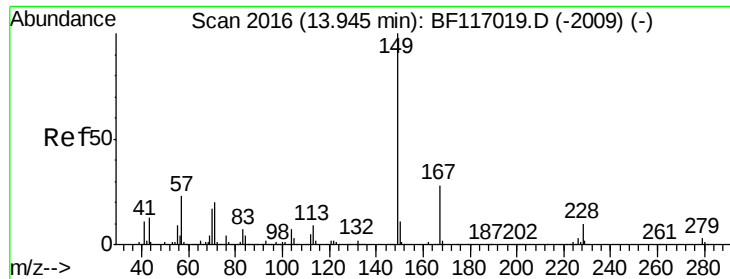
mohammad
10/7/2019 8:26:15 AM



#83
Chrysene
Concen: 11.065 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	23.3	15.8	23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.567 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Instrument :

BNA_F

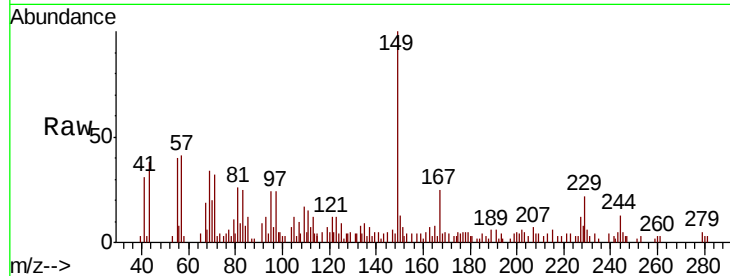
ClientSampleId :

NBP-2019

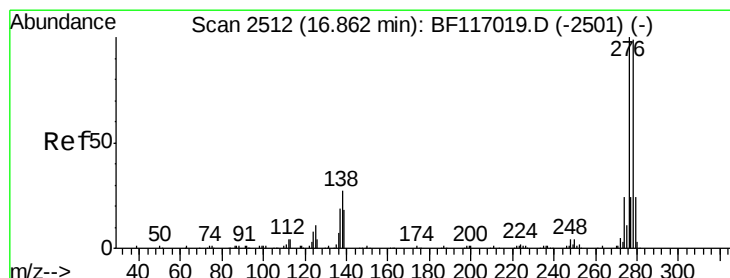
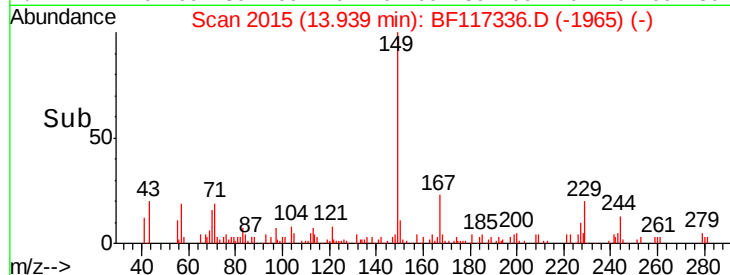
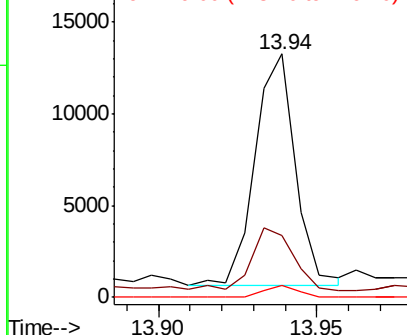
Tot Ion:	149	Resp:	11158
Ion Ratio	Lower	Upper	
149	100		
167	25.4	22.2	33.2
279	4.8	2.8	4.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.952 ng

RT: 16.89 min Scan# 2517

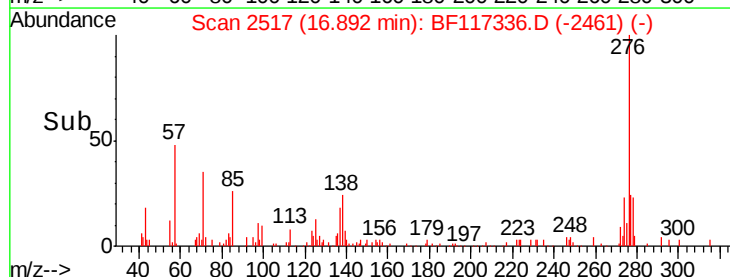
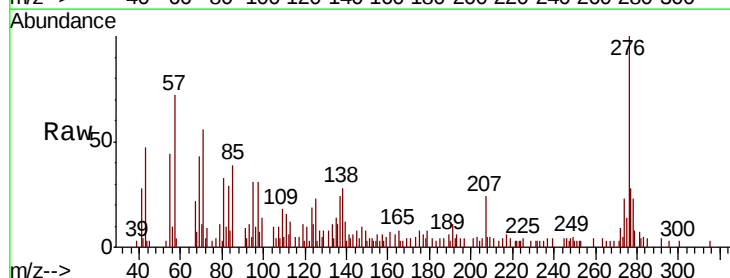
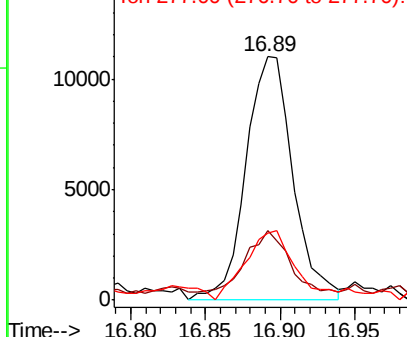
Delta R.T. 0.03 min

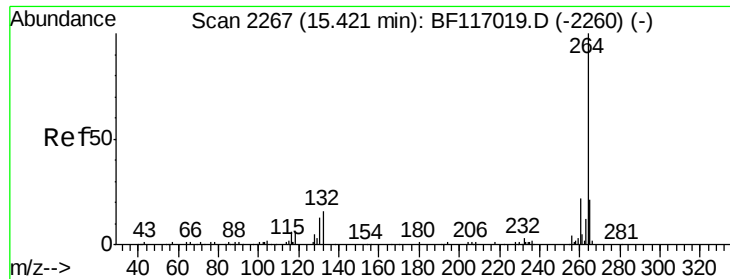
Lab File: BF117336.D

Acq: 4 Oct 2019 00:11

Tgt Ion:	276	Resp:	24062
Ion Ratio	Lower	Upper	
276	100		
138	23.0	20.7	31.1
277	32.3	19.8	29.8#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





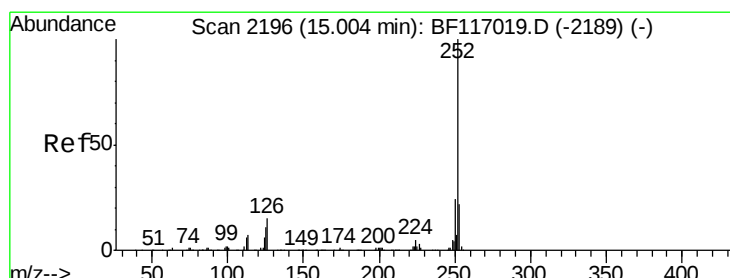
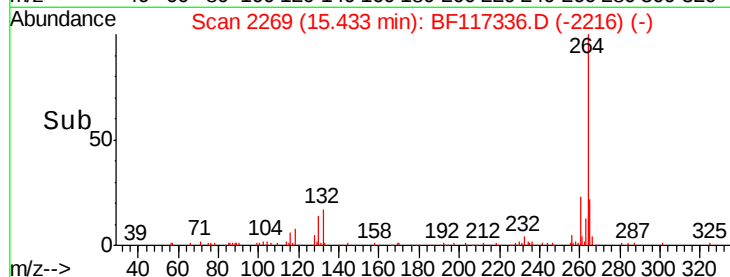
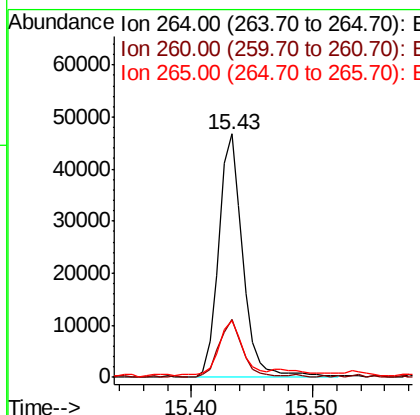
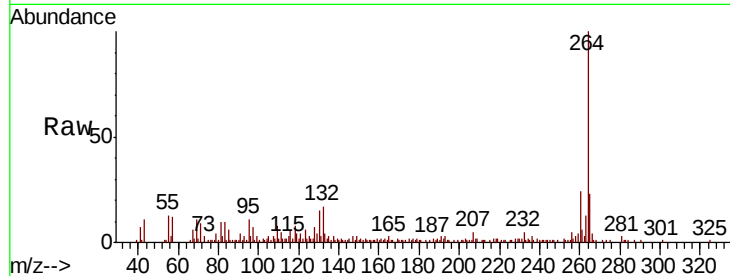
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	23.1	16.6	24.8

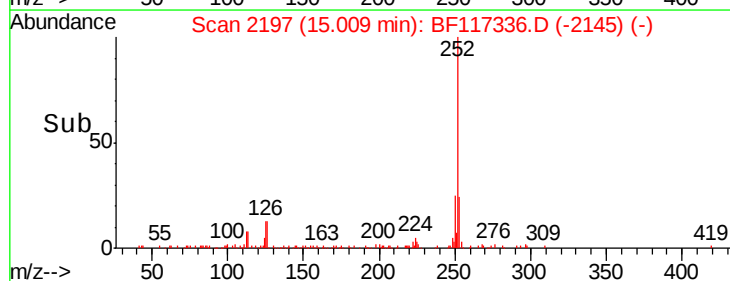
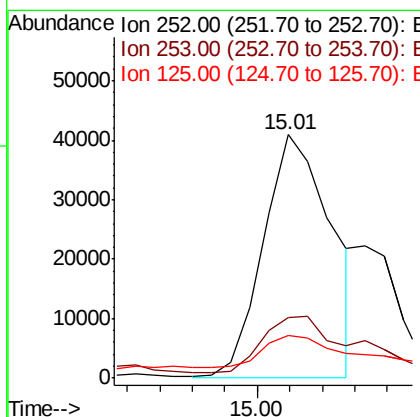
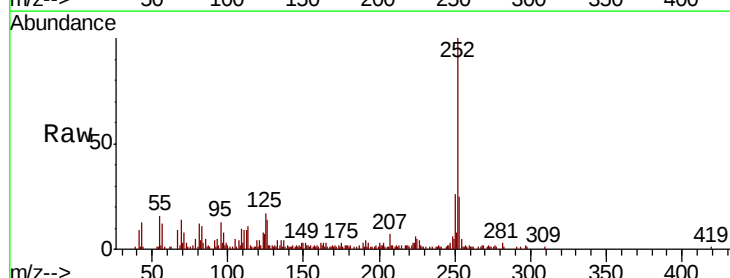
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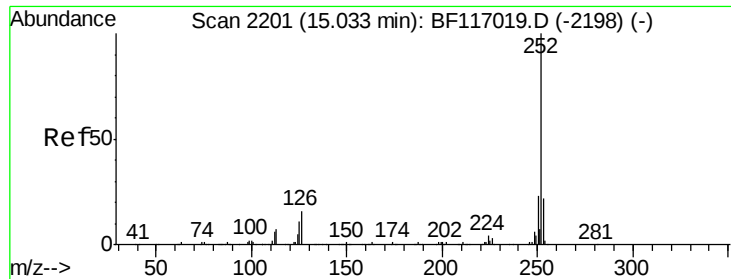
mohammad
10/7/2019 8:26:15 AM



#88
Benzo(b)fluoranthene
Concen: 15.231 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	17.3	8.6	12.8#





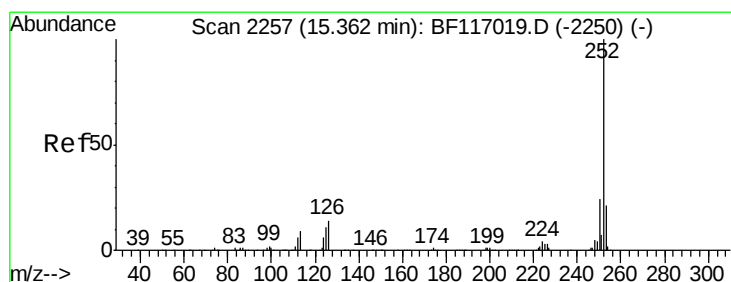
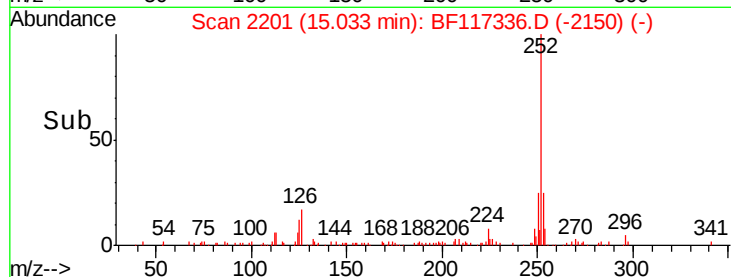
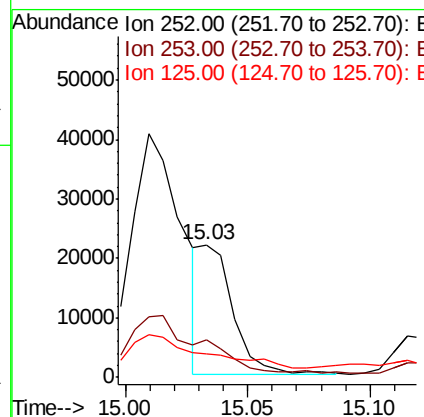
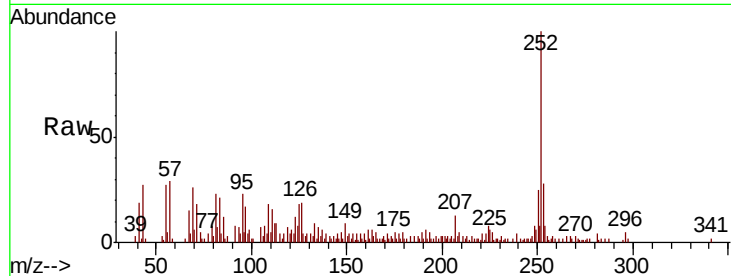
#89
Benzo(k)fluoranthene
Concen: 5.548 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampled :
NBP-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.4	26.2#
125	17.9	8.8	13.2#

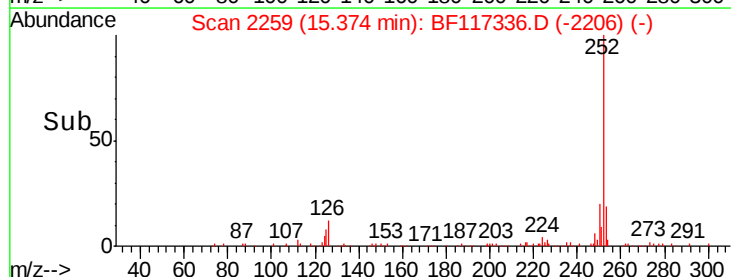
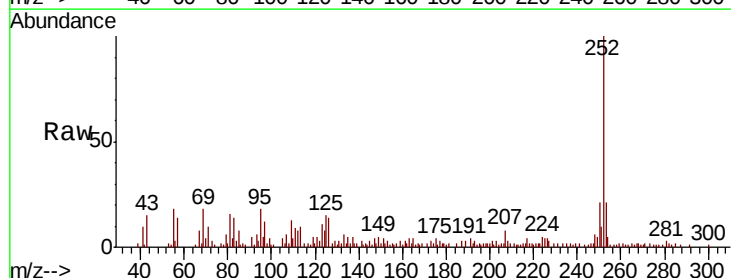
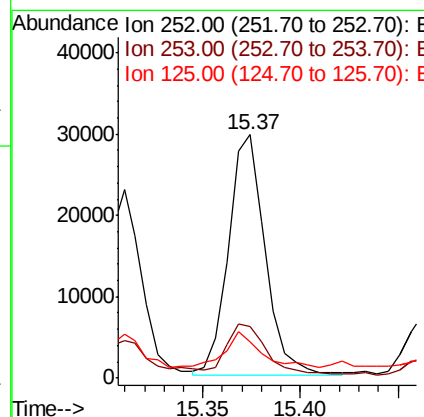
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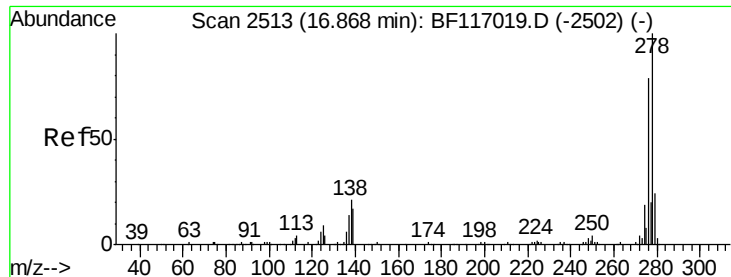
mohammad
10/7/2019 8:26:15 AM



#90
Benzo(a)pyrene
Concen: 11.244 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	25.0
125	14.7	8.9	13.3#





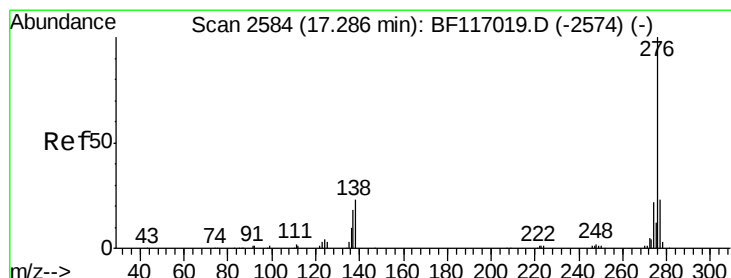
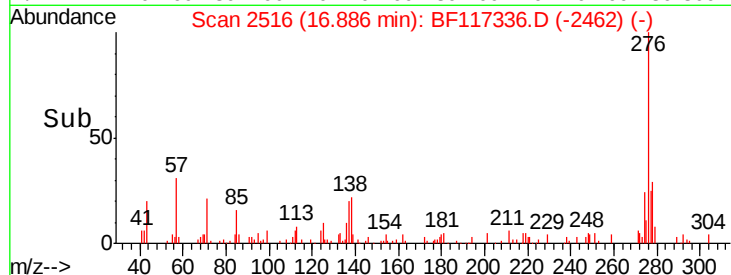
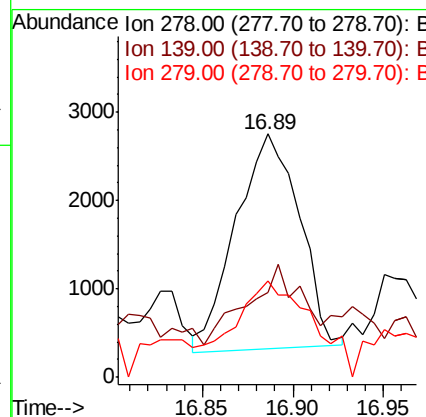
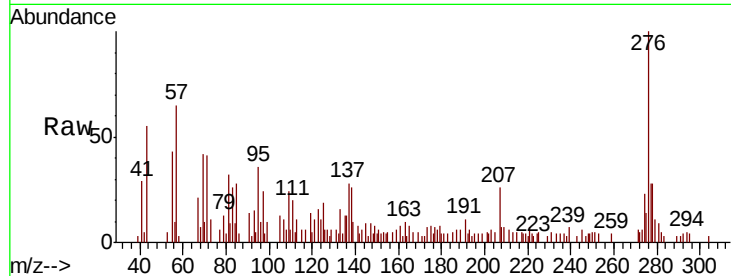
#91
Dibenzo(a,h)anthracene
Concen: 2.184 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Instrument :
BNA_F
ClientSampleId :
NBP-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.9	13.5	20.3#
279	39.5	18.8	28.2#

Manual Integrations
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mohammad
10/7/2019 8:26:15 AM



#92
Benzo(g,h,i)perylene
Concen: 8.946 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117336.D
Acq: 4 Oct 2019 00:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	27.8
138	25.1	18.0	27.0

