

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114763.D
 Acq On : 1 Jun 2019 17:59
 Operator : HP/JU
 Sample : K3105-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

Manual Integrations
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mohammad
 6/3/2019 8:51:38 AM

Quant Time: Jun 03 04:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	339609	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1175799	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	497402	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	935911	20.00	ng	0.00
76) Chrysene-d12	13.83	240	674147	20.00	ng	0.02
87) Perylene-d12	15.22	264	666298	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1806365	93.39	ng	0.01
7) Phenol-d6	6.33	99	2126833	91.24	ng	0.00
23) Nitrobenzene-d5	7.25	82	1257789	66.74	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	462284	97.54	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1921826	69.70	ng	0.00
79) Terphenyl-d14	12.78	244	1839533	51.30	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.00	128	345564	6.381	ng	96
37) 2-Methylnaphthalene	8.69	142	536594	14.912	ng	98
38) 1-Methylnaphthalene	8.79	142	750444	22.011	ng	99
46) 1,1'-Biphenyl	9.15	154	126726	3.432	ng	96
49) Acenaphthylene	9.58	152	768021	16.414	ng	96
50) Dimethylphthalate	9.44	163	323972	9.347	ng	100
52) Acenaphthene	9.75	154	568329	19.806	ng	98
55) Dibenzofuran	9.92	168	331252	8.110	ng	# 92
58) Fluorene	10.27	166	1045118	36.754	ng	99
71) Phenanthrene	11.23	178	5250119	109.968	ng	94
72) Anthracene	11.27	178	2035897	42.134	ng	99
73) Carbazole	11.42	167	236778	5.576	ng	99
75) Fluoranthene	12.42	202	5240226	106.000	ng	96
78) Pyrene	12.65	202	6001257	105.234	ng	93
80) Butylbenzylphthalate	13.26	149	107592	3.754	ng	94
81) Benzo(a)anthracene	13.82	228	3771617	72.803	ng	92
83) Chrysene	13.86	228	3370804	68.102	ng	96
86) Indeno(1,2,3-cd)pyrene	16.55	276	1184965	23.903	ng	94
88) Benzo(b)fluoranthene	14.84	252	3164766m	75.413	ng	
89) Benzo(k)fluoranthene	14.86	252	1039701m	28.504	ng	
90) Benzo(a)pyrene	15.17	252	2357852	63.956	ng	96
91) Dibenz(a,h)anthracene	16.56	278	356996	10.958	ng	94
92) Benzo(g,h,i)perylene	16.95	276	1129442	35.721	ng	99

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

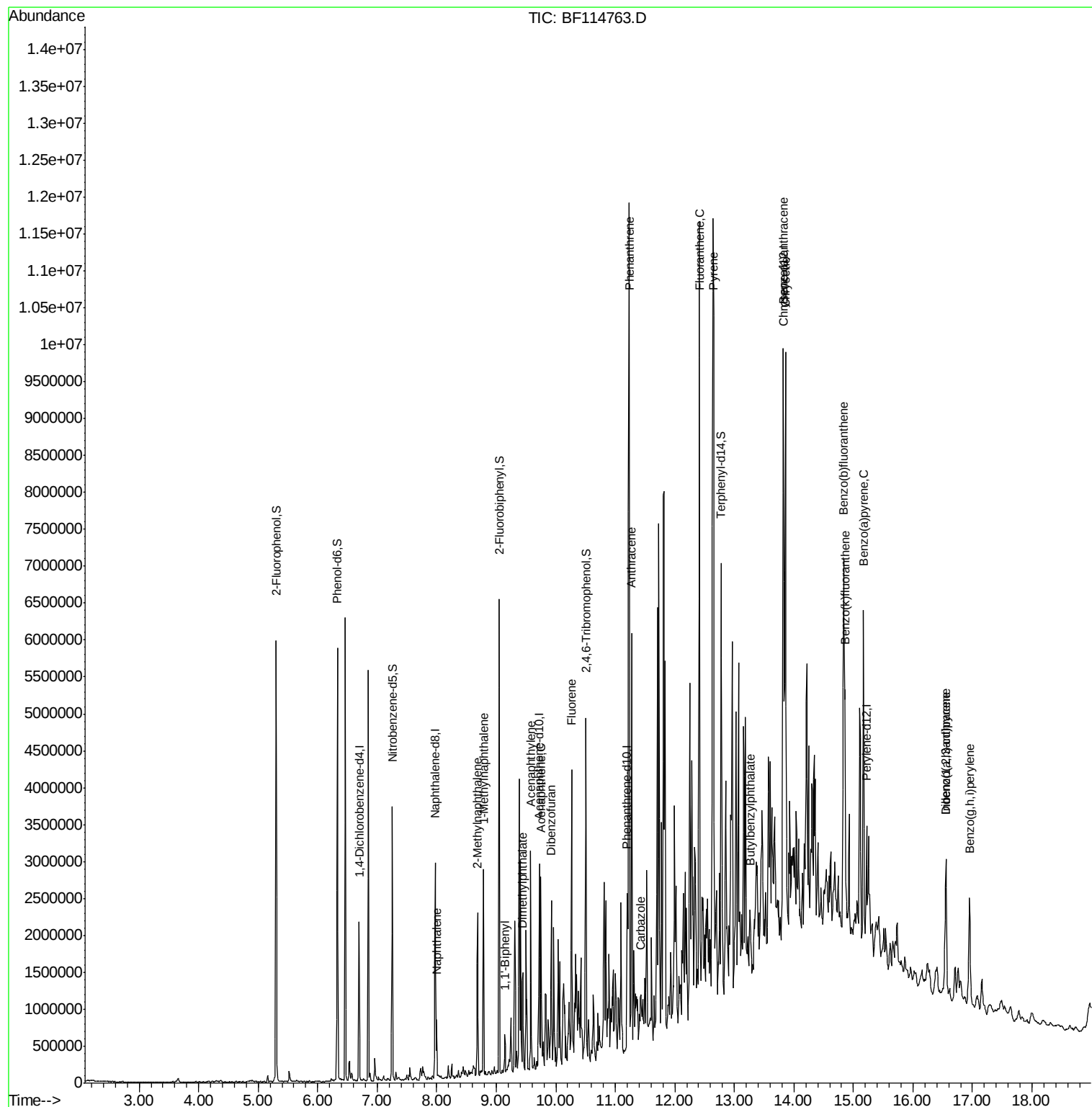
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114763.D
Acq On : 1 Jun 2019 17:59
Operator : HP/JU
Sample : K3105-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 03 04:20:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
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#1

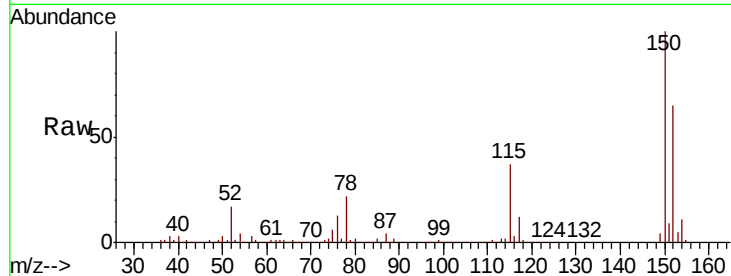
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.4	186.6
115	56.5	48.7	73.1

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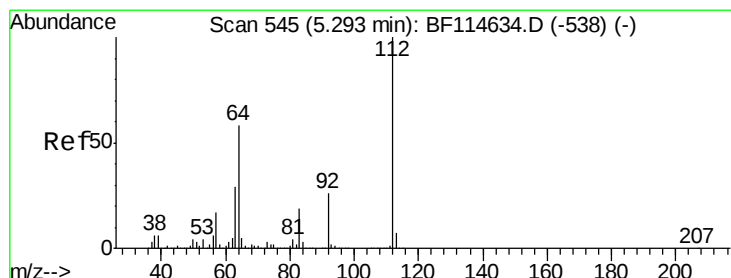
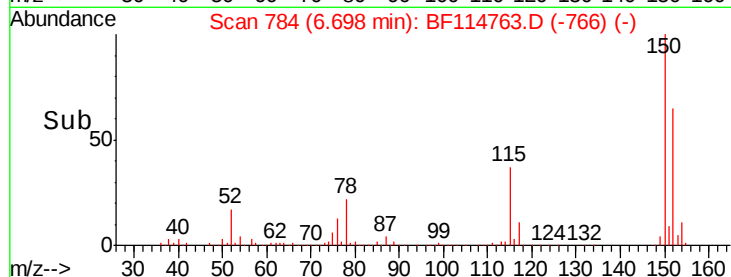
Abundance

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

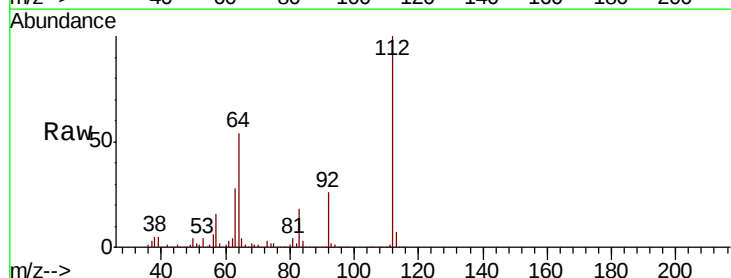
Time-->



#5

2-Fluorophenol
Concen: 93.385 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.1	69.1
63	27.8	23.4	35.2



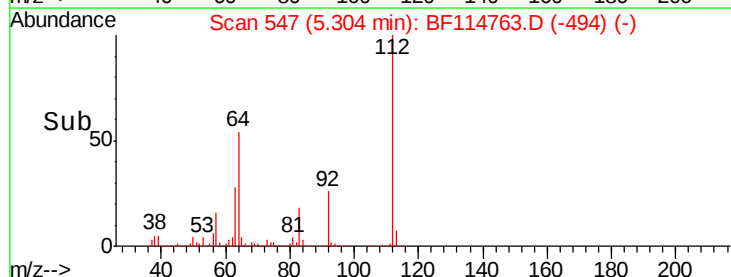
Abundance

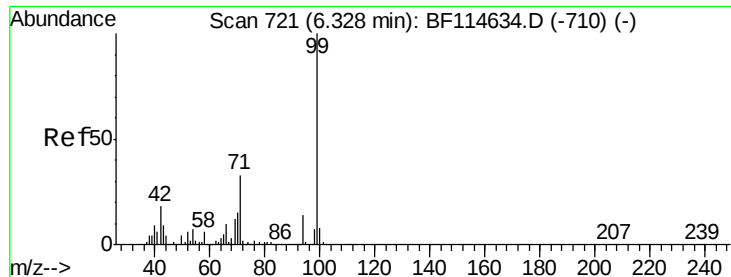
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 91.245 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

Tot Ion: 99 Resp: 2126833

Ion Ratio Lower Upper

99 100

42 17.0 14.7 22.1

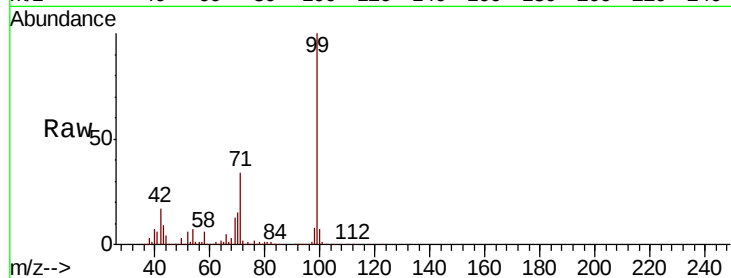
71 34.1 26.6 40.0

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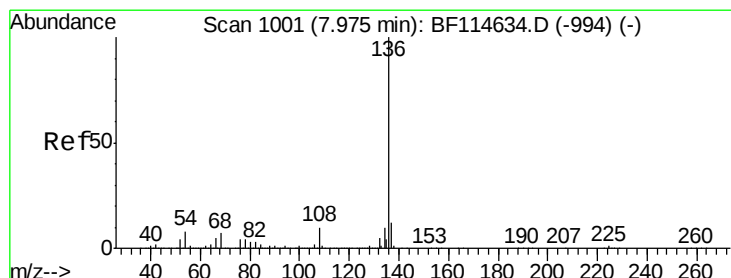
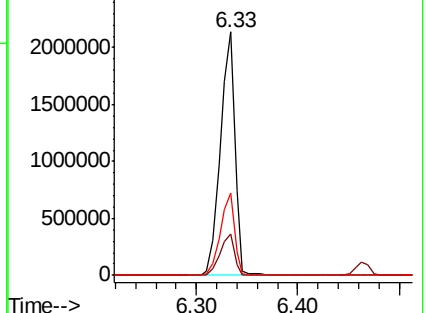
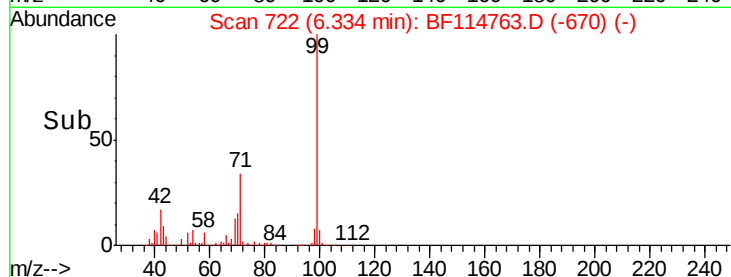
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Tgt Ion: 136 Resp: 1175799

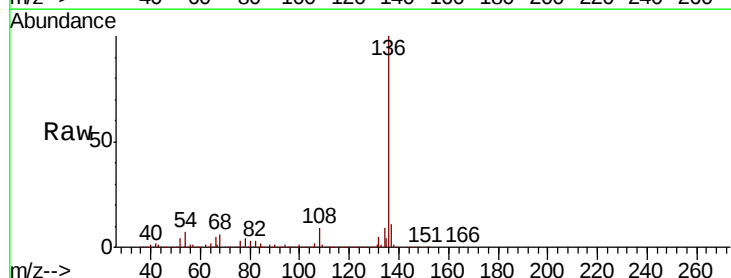
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 6.8 6.3 9.5

68 5.9 5.4 8.0

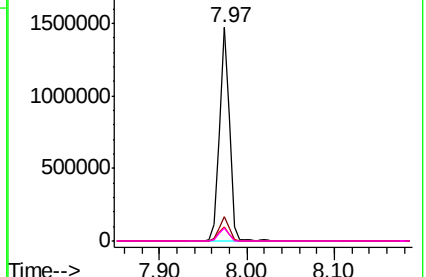
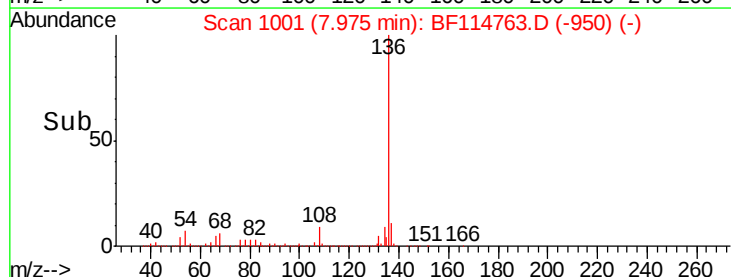


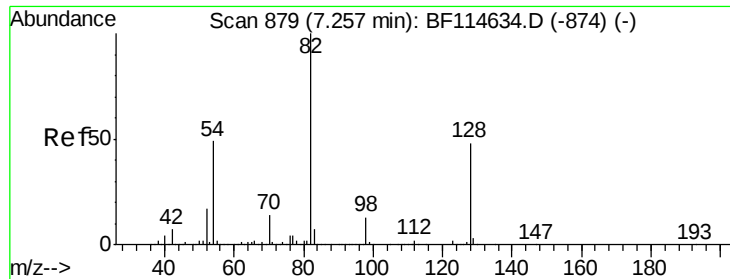
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





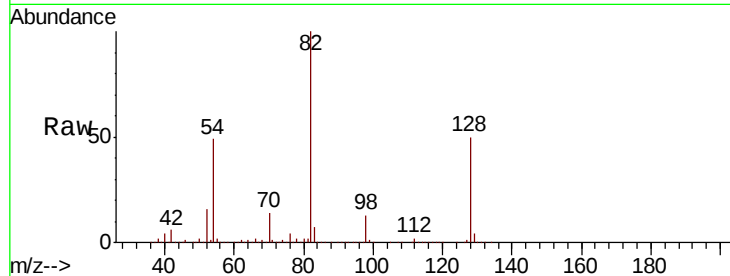
#23
Nitrobenzene-d5
Concen: 66.740 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

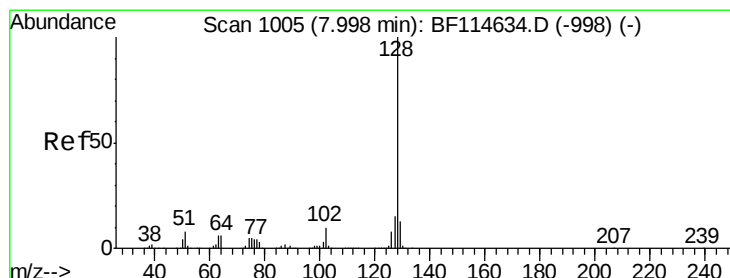
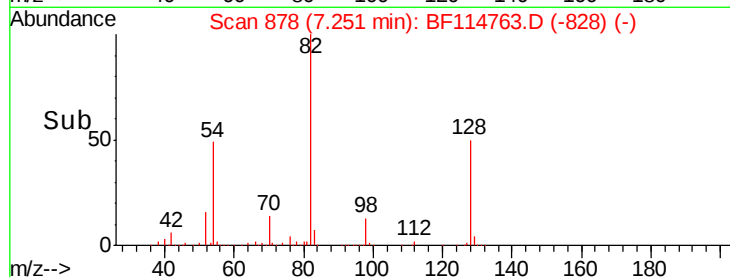
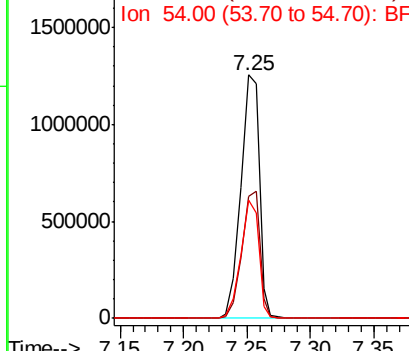
Tot Ion	82	Resp	1257789
Ion Ratio	100	Lower	Upper
82	100		
128	50.1	38.5	57.7
54	48.7	39.1	58.7

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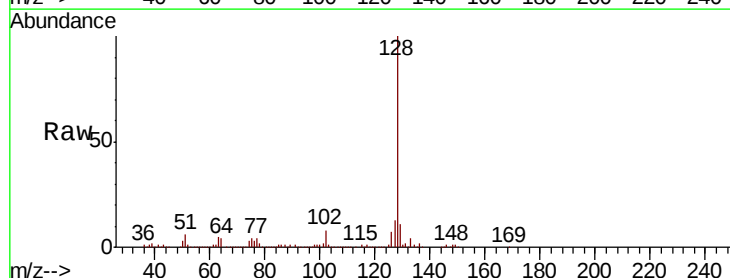


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

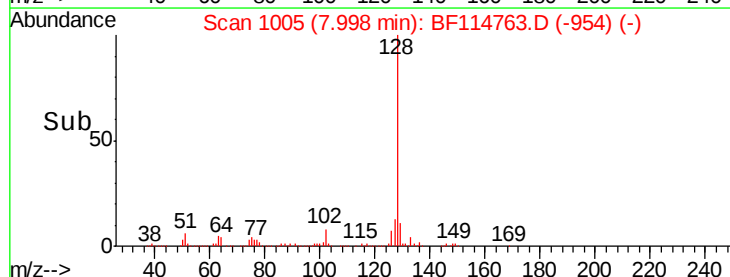
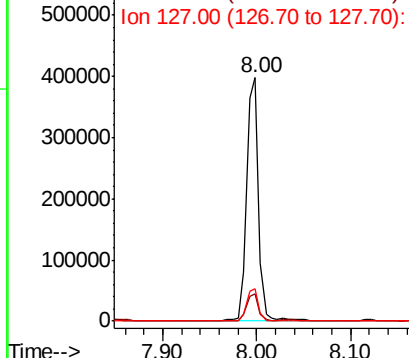


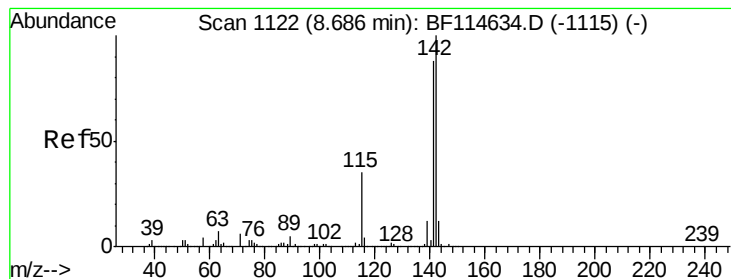
#31
Naphthalene
Concen: 6.381 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	128	Resp	345564
Ion Ratio	100	Lower	Upper
128	100		
129	11.2	10.2	15.2
127	13.2	11.9	17.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





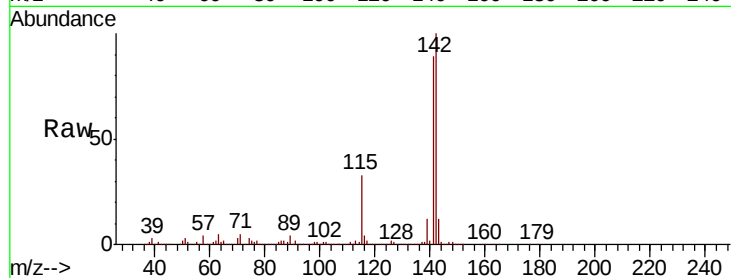
#37
2-Methylnaphthalene
Concen: 14.912 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleID :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	33.4	28.0	42.0

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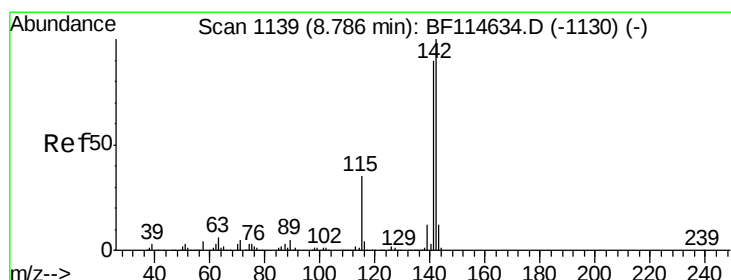
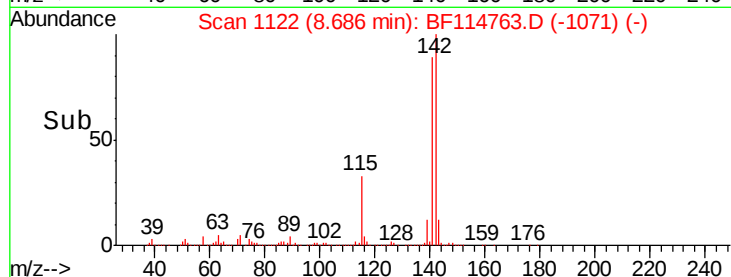
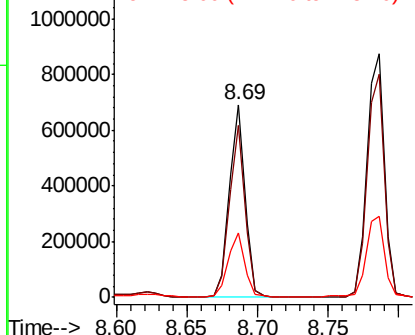


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 22.011 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

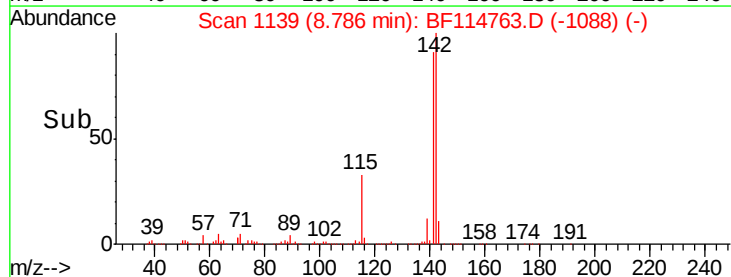
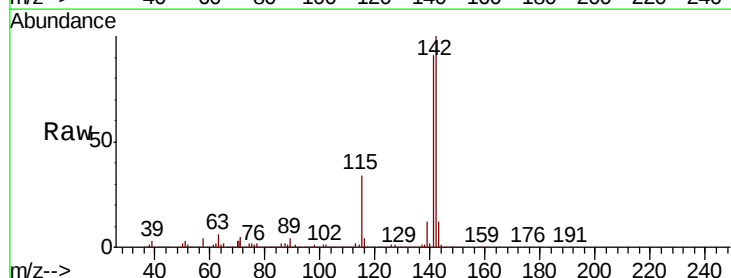
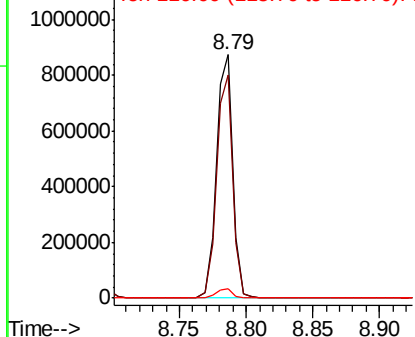
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
116	3.6	3.0	4.4

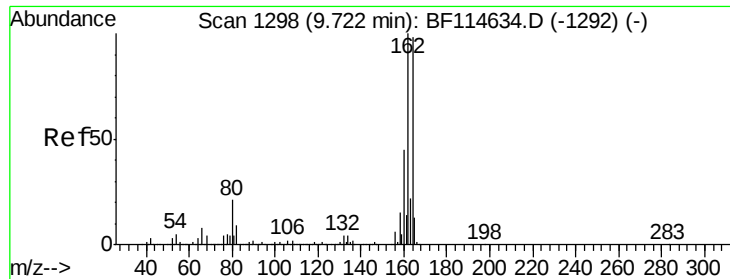
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





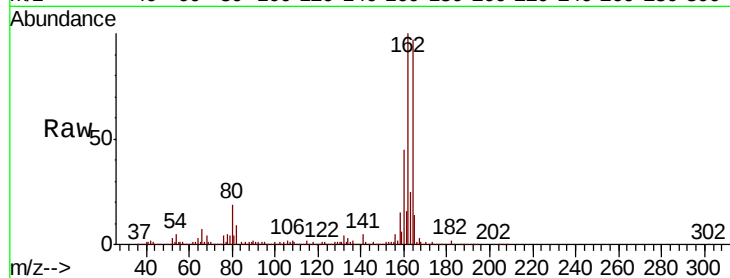
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	81.4	122.2	
160	46.3	36.6	54.8	

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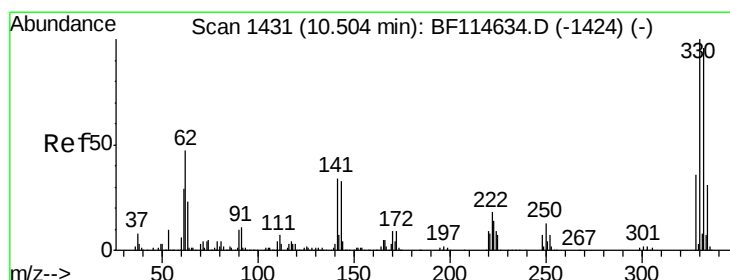
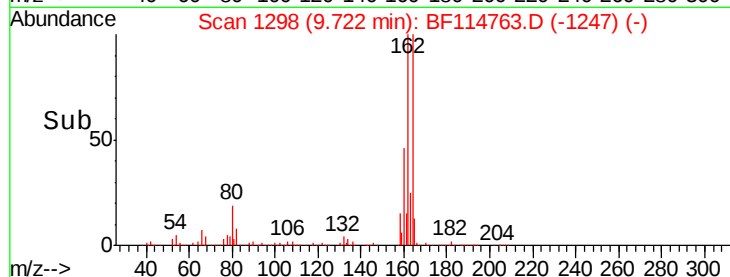
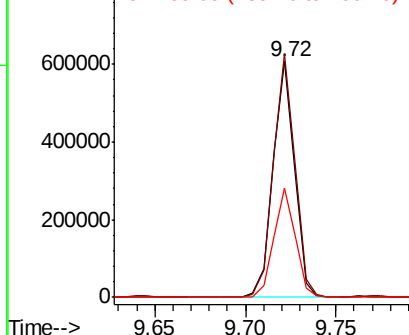


Abundance

Ion 164.00 (163.70 to 164.70): E

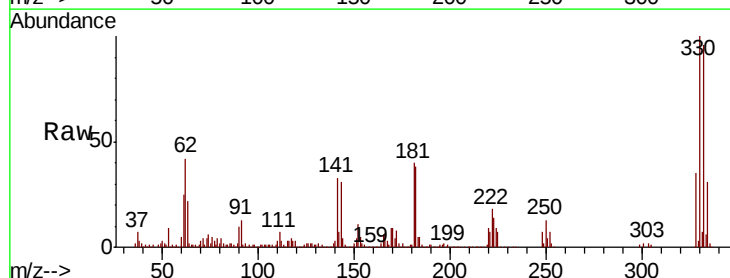
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 97.539 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	75.8	113.8	
141	36.2	27.8	41.8	

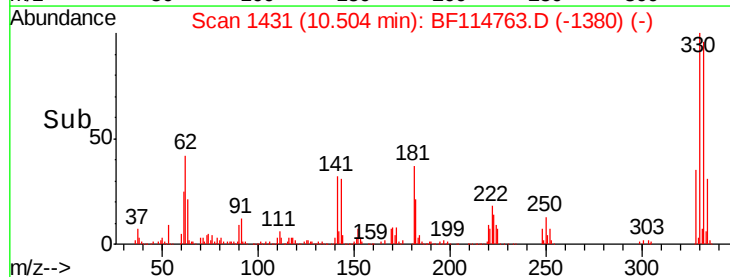
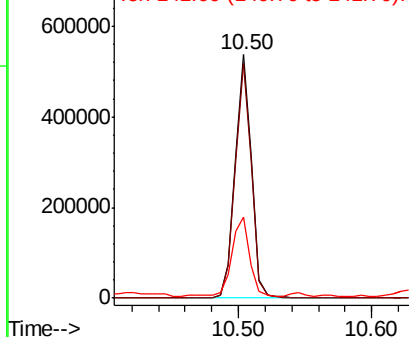


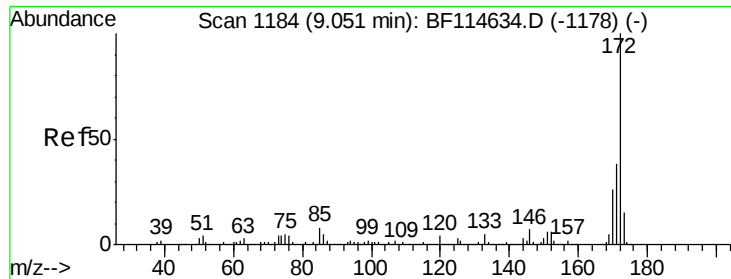
Abundance

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





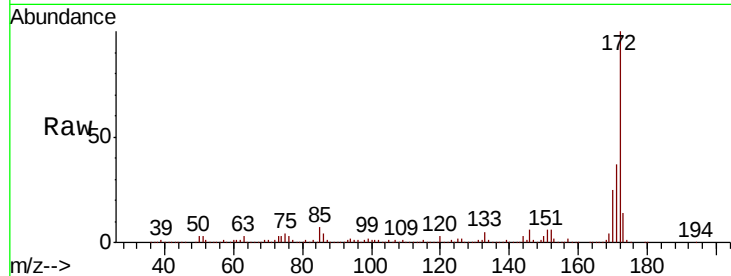
#45
2-Fluorobiphenyl
Concen: 69.699 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	25.4	20.7	31.1

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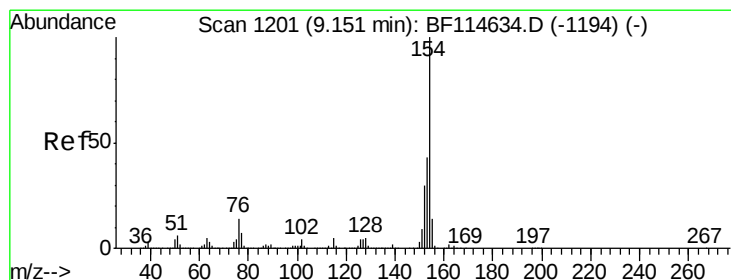
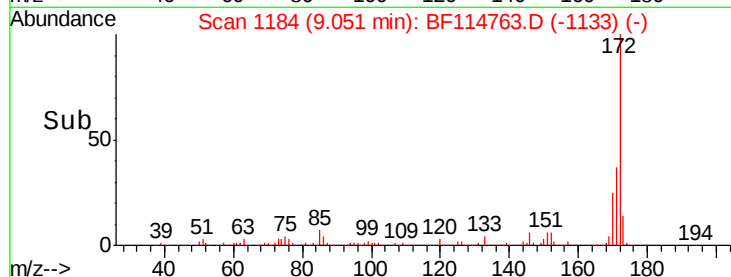
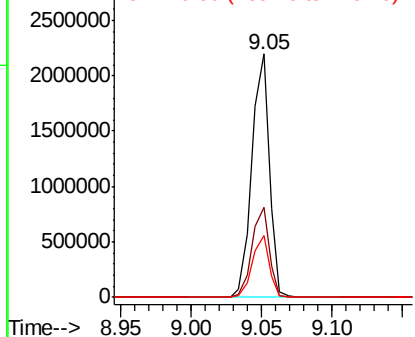


Abundance

Ion 172.00 (171.70 to 172.70): E

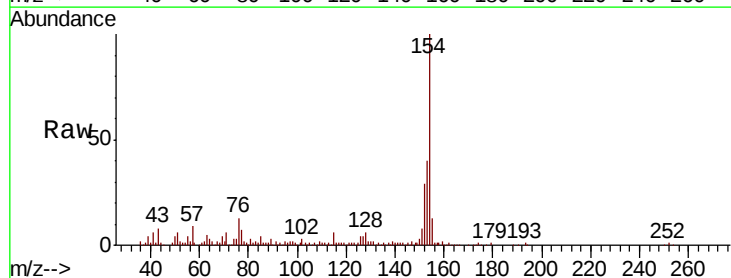
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 3.432 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.0	63.0
76	13.0	0.0	33.9

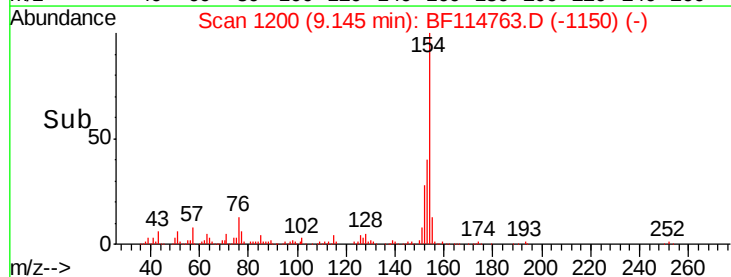
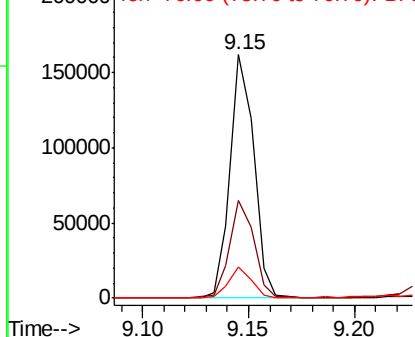


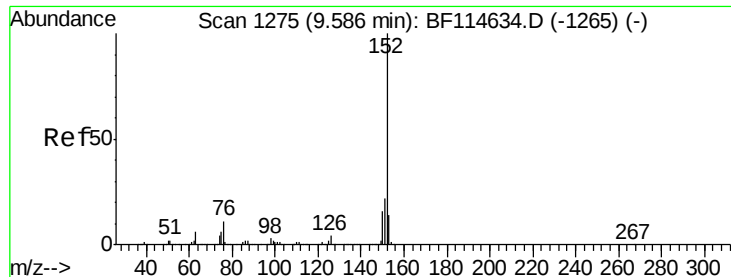
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





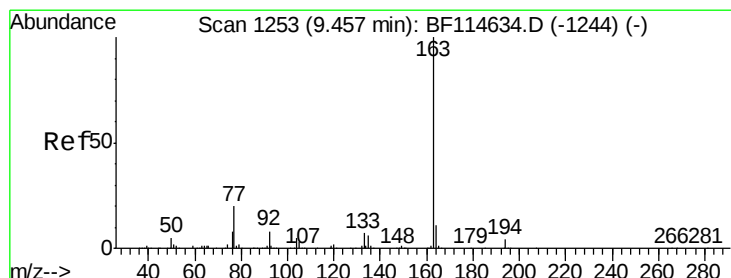
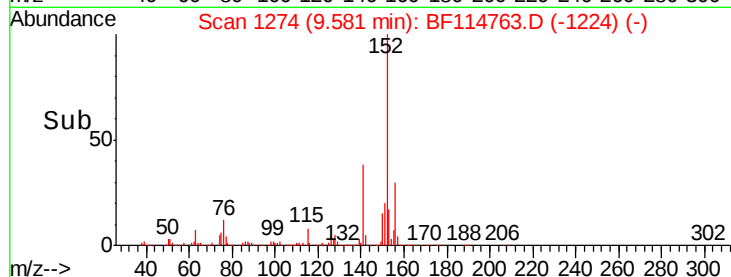
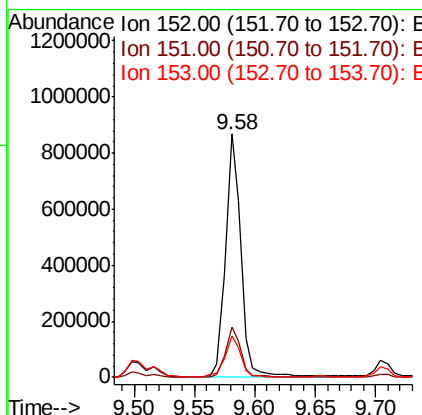
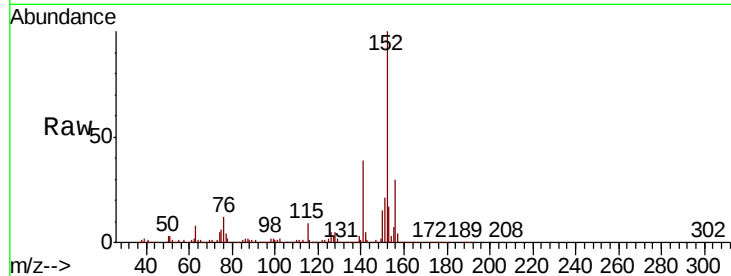
#49
Acenaphthylene
Concen: 16.414 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		768021		
151	20.6		17.5	26.3	
153	17.2		11.6	17.4	

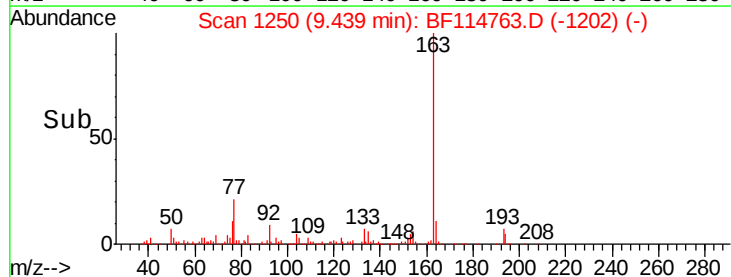
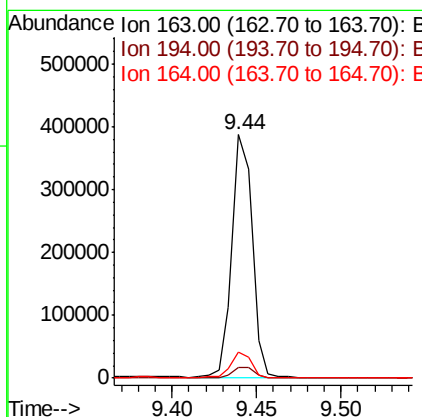
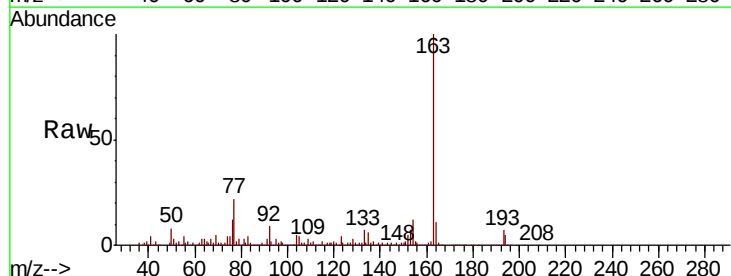
Manual Integrations
APPROVED

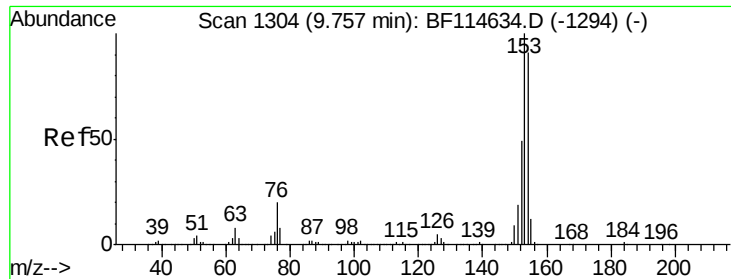
mohammad
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#50
Dimethylphthalate
Concen: 9.347 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		323972		
194	4.6		3.4	5.0	
164	10.7		8.6	13.0	





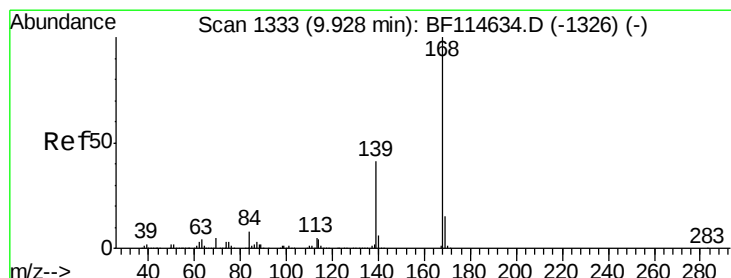
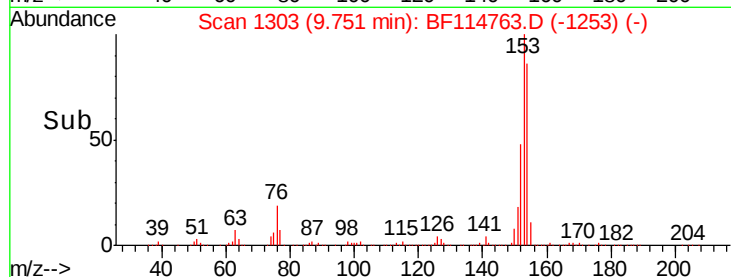
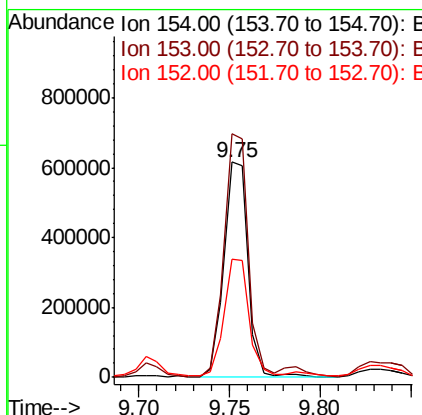
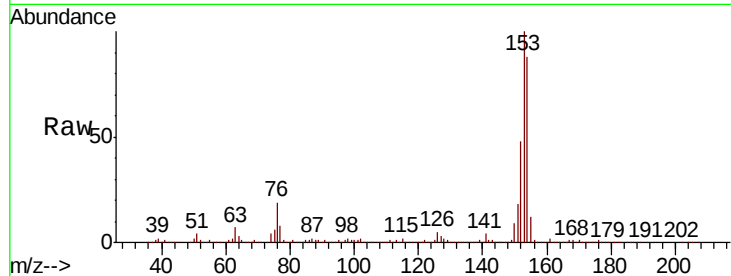
#52
Acenaphthene
Concen: 19.806 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Resp	Lower	Upper
154	100	568329		
153	113.2	88.4	132.6	
152	54.7	43.4	65.0	

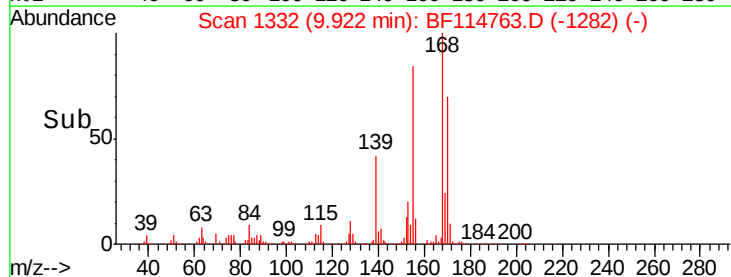
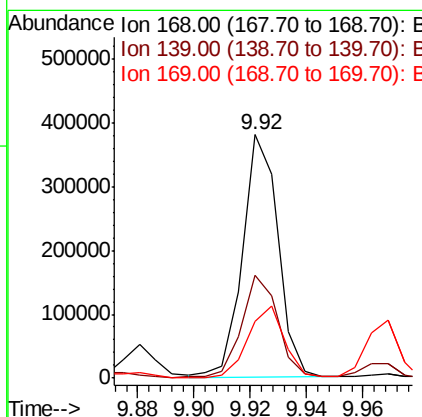
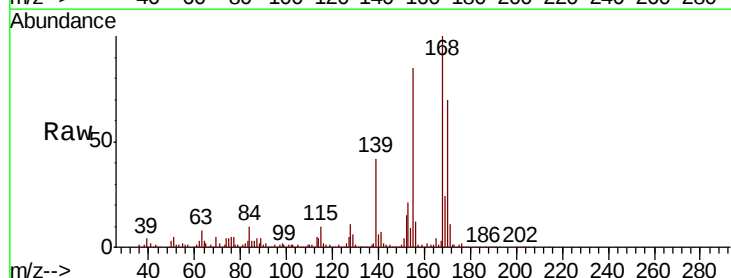
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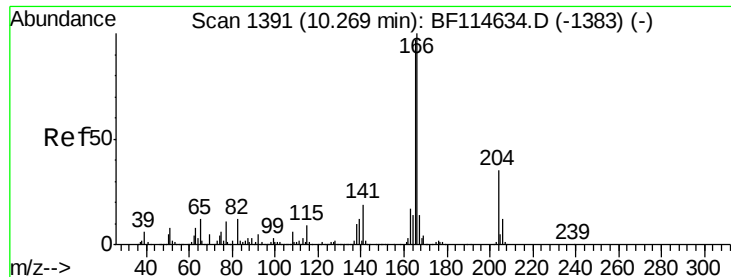
mohammad
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#55
Dibenzofuran
Concen: 8.110 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	331252		
139	42.4	32.6	48.8	
169	23.6	11.8	17.8#	





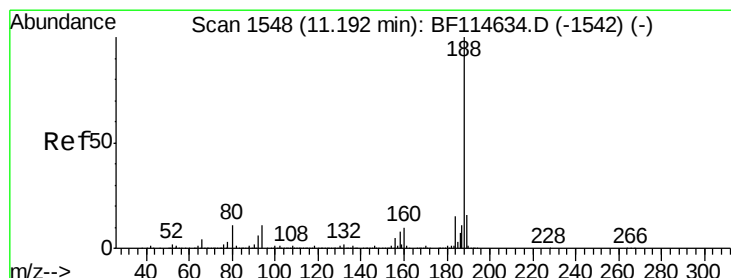
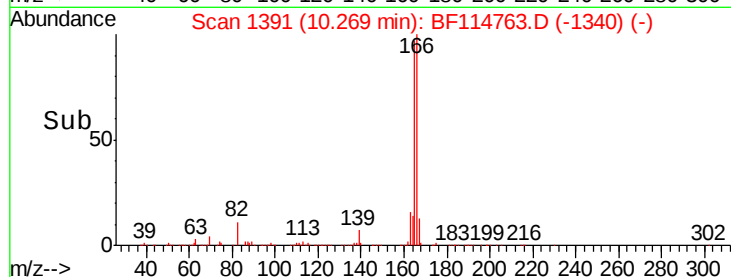
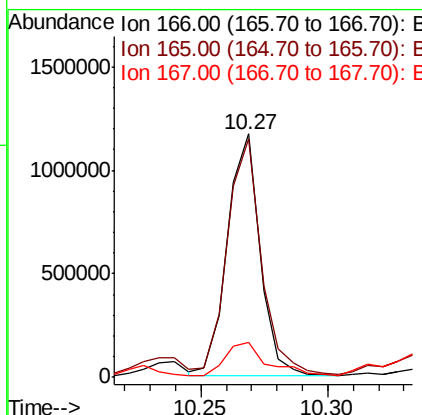
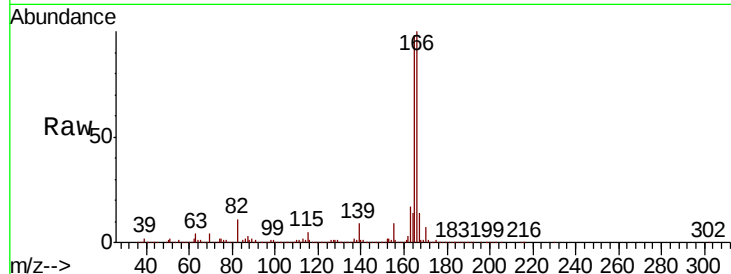
#58
 Fluorene
 Concen: 36.754 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.0	77.6	116.4	
167	14.2	11.2	16.8	

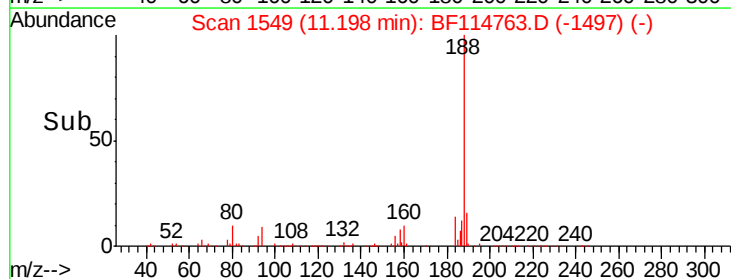
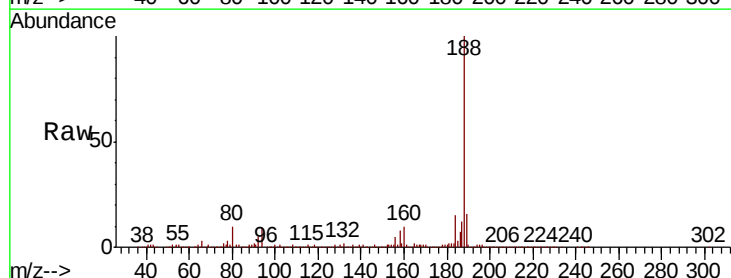
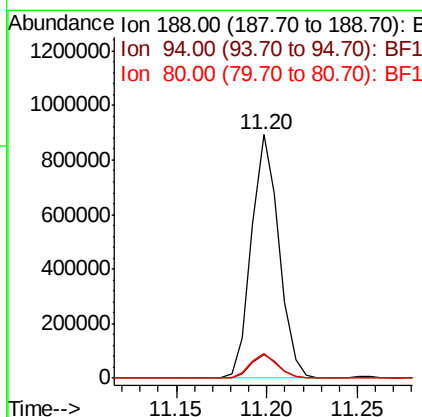
Manual Integrations
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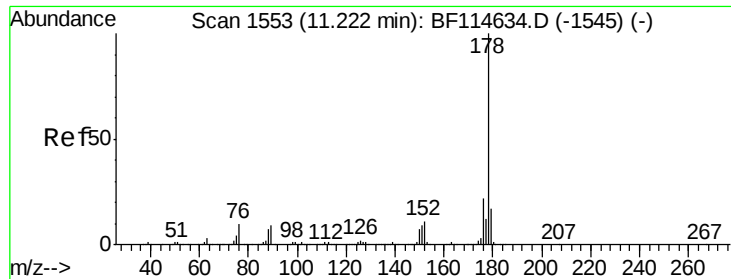
mohammad
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.6	13.0	
80	10.1	9.0	13.6	





#71

Phenanthrene

Concen: 109.968 ng

RT: 11.23 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

Tot Ion:178 Resp: 5250119

Ion Ratio Lower Upper

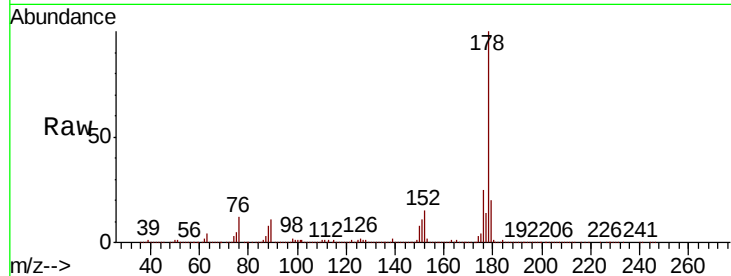
178 100

176 24.6 17.2 25.8

179 19.8 13.9 20.9

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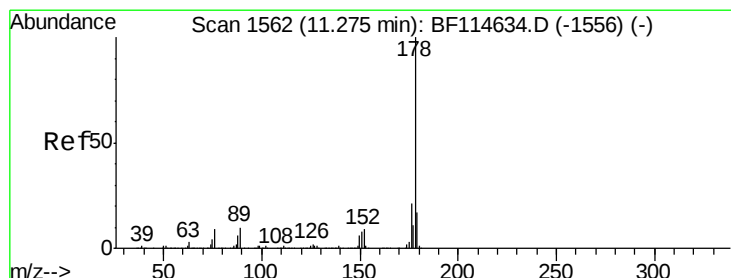
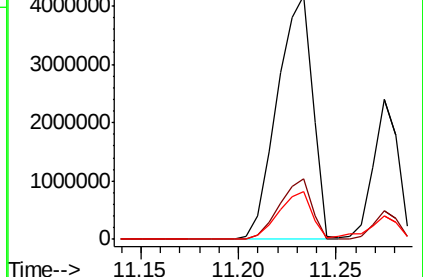
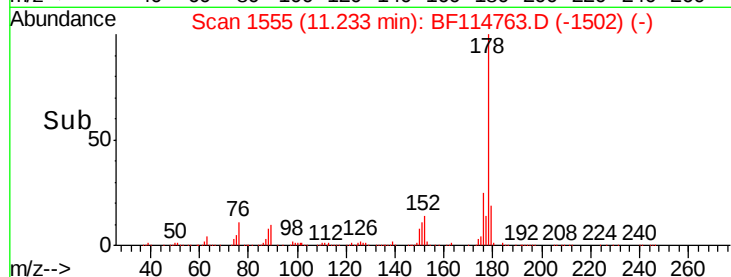
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.134 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

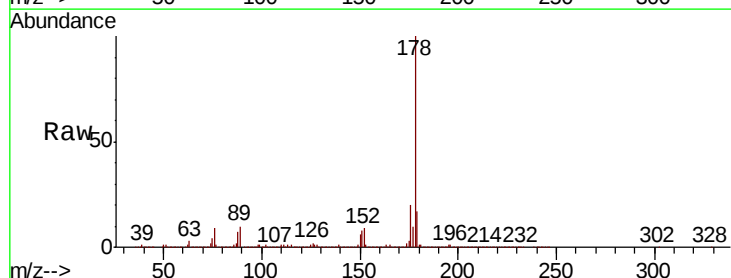
Tgt Ion:178 Resp: 2035897

Ion Ratio Lower Upper

178 100

176 20.2 16.6 24.8

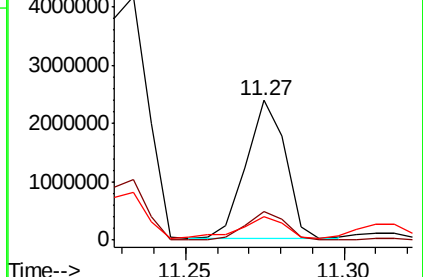
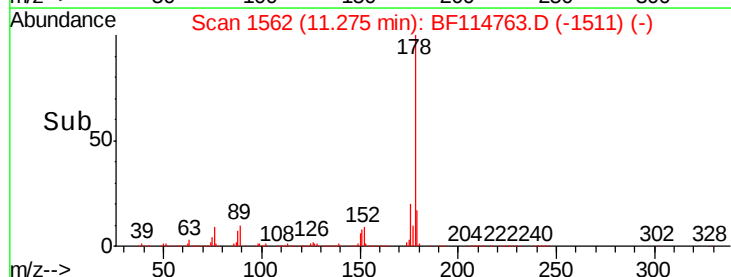
179 17.0 13.4 20.0

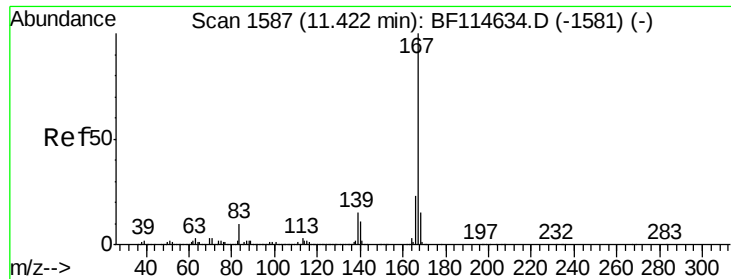


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





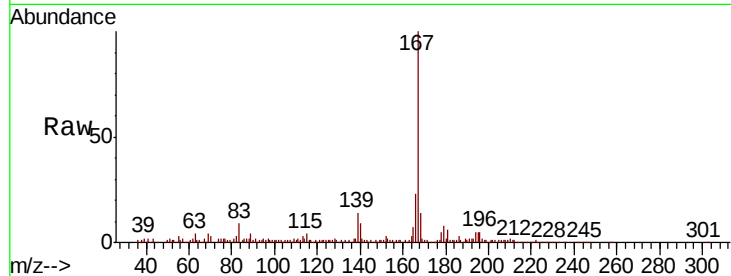
#73
 Carbazole
 Concen: 5.576 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.7	28.1
139	14.0	11.8	17.8

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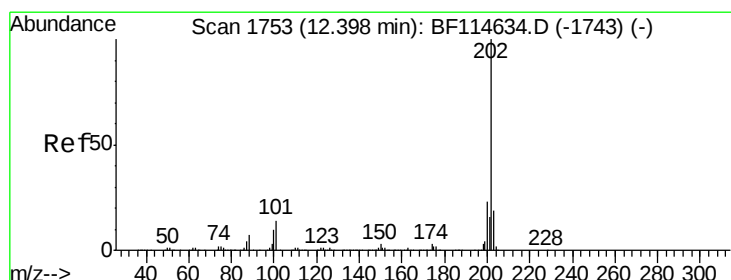
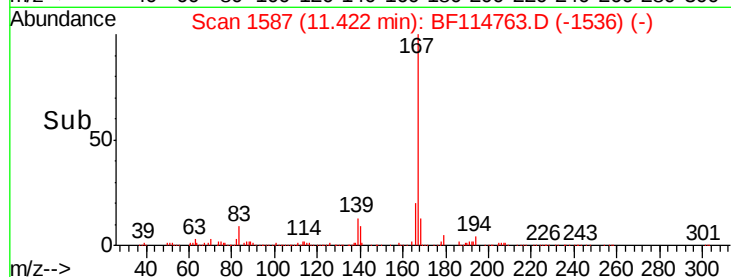
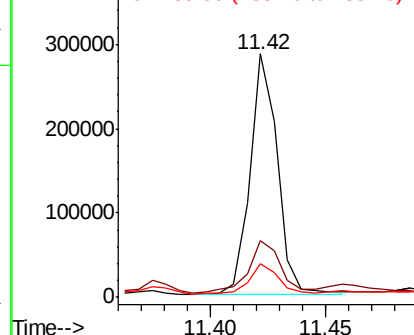


Abundance

Ion 167.00 (166.70 to 167.70): E

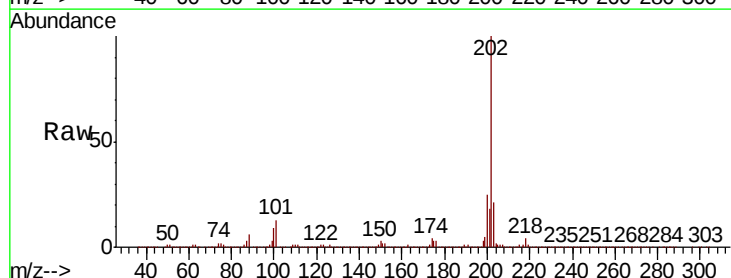
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75
 Fluoranthene
 Concen: 106.000 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.02 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.9
203	21.1	0.0	39.1

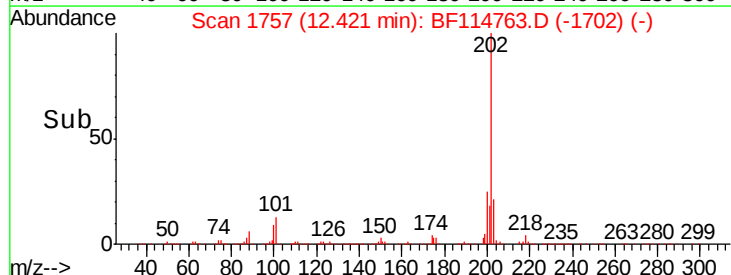
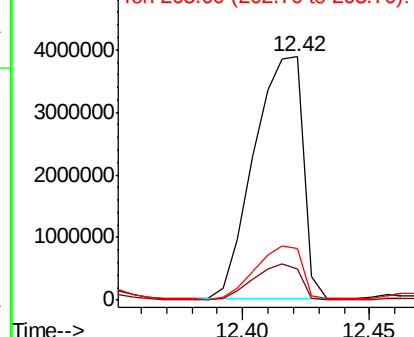


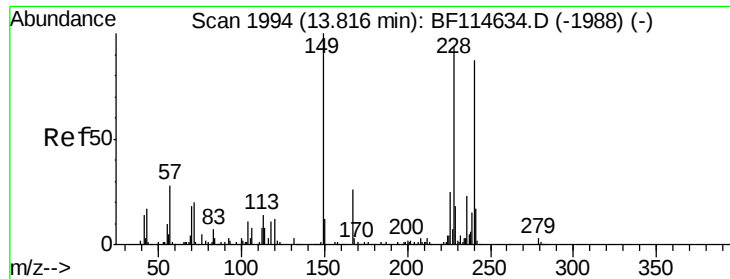
Abundance

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





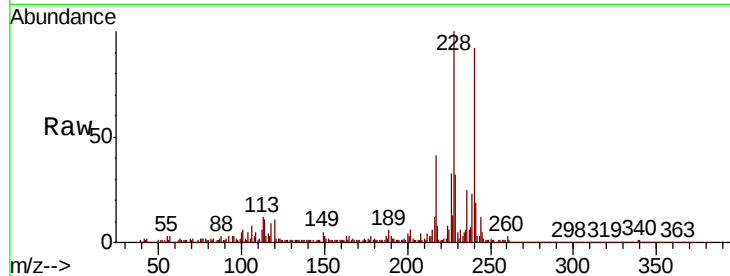
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.02 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	11.2	16.8
236	27.4	21.2	31.8

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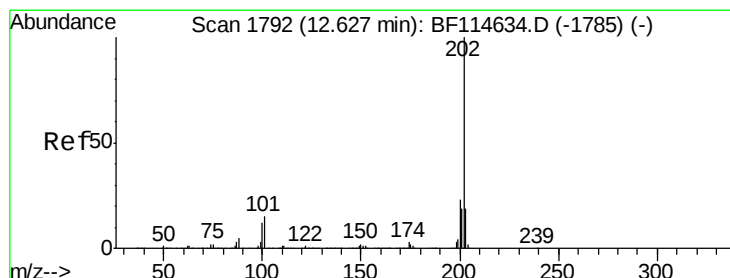
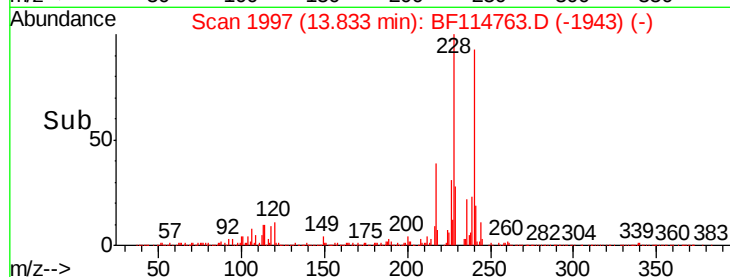
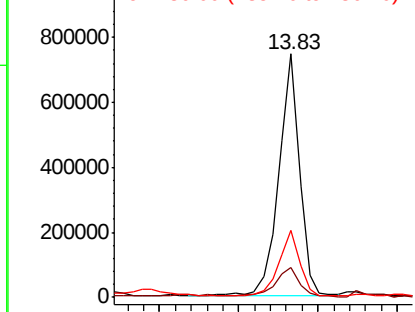


Abundance

Ion 240.00 (239.70 to 240.70): E

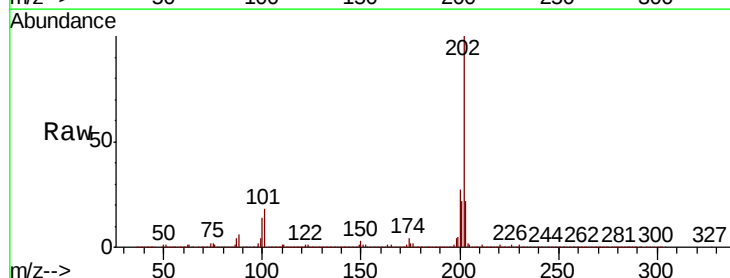
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 105.234 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.9	18.6	28.0
203	22.3	15.4	23.2

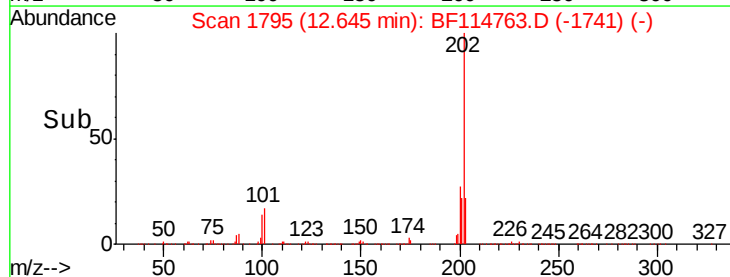
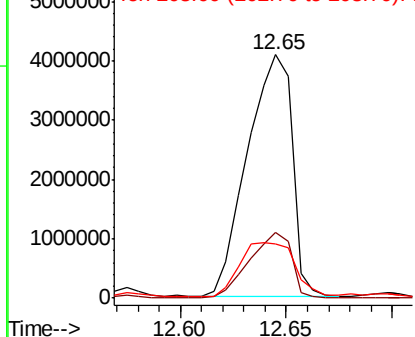


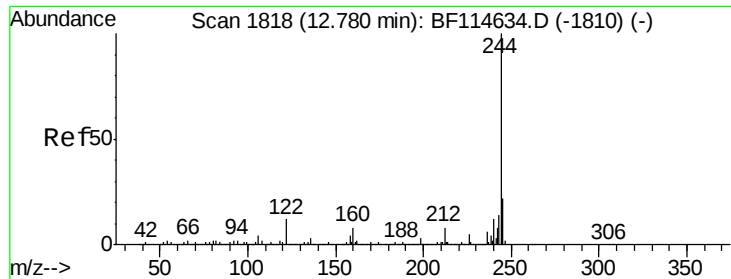
Abundance

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





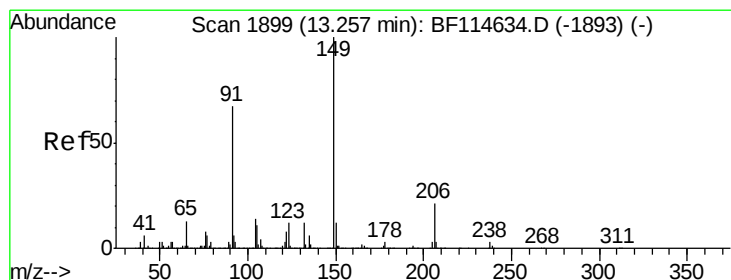
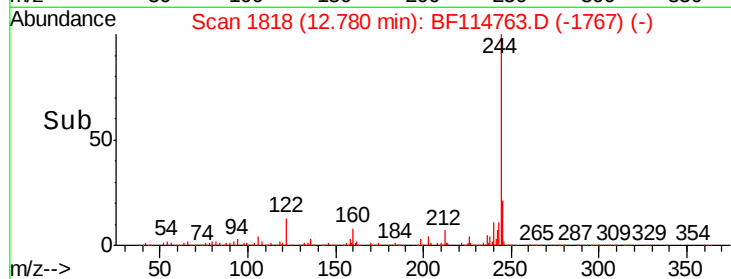
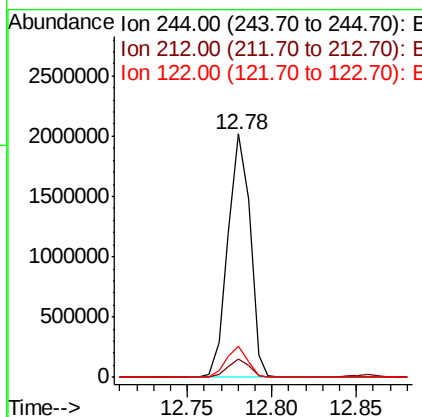
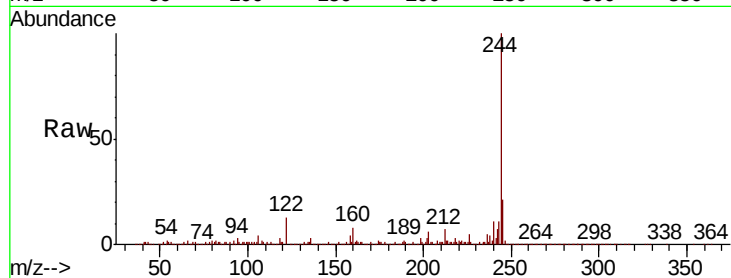
#79
Terphenyl-d14
Concen: 51.303 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.9	9.8	14.8

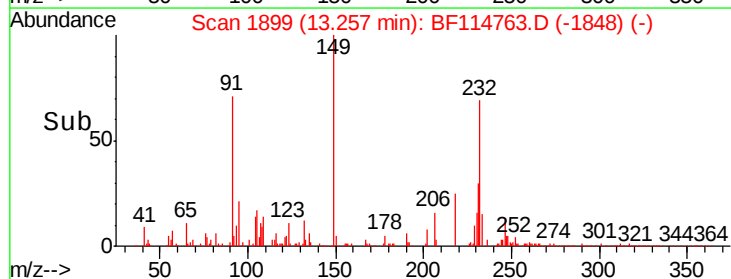
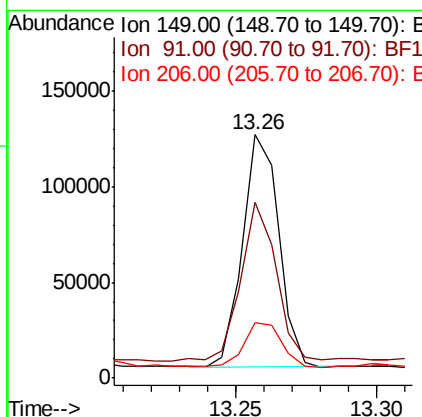
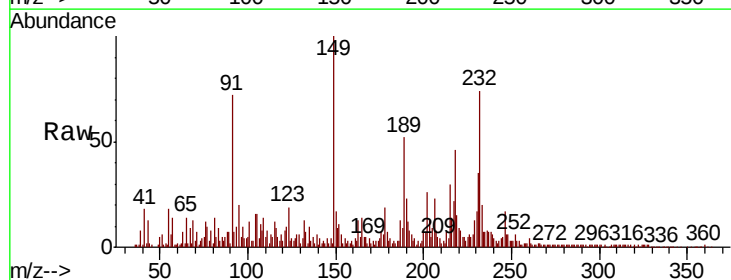
Manual Integrations
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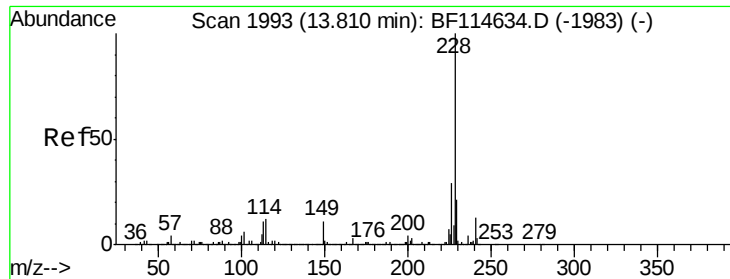
mohammad
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#80
Butylbenzylphthalate
Concen: 3.754 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	53.8	80.8
206	22.7	16.9	25.3





#81

Benzo(a)anthracene

Concen: 72.803 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

Tot Ion:228 Resp: 3771617

Ion Ratio Lower Upper

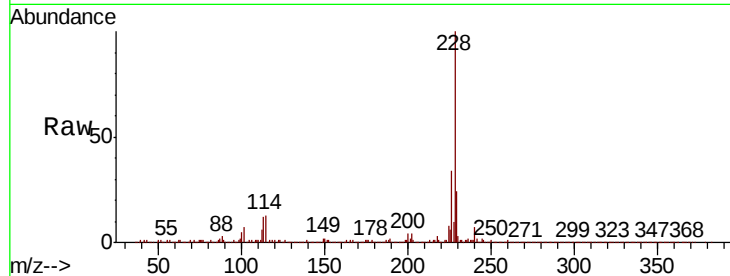
228 100

226 33.6 23.0 34.6

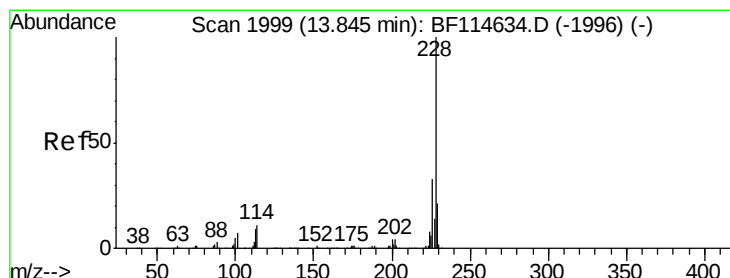
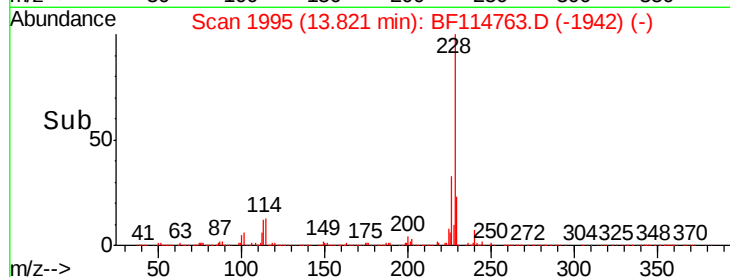
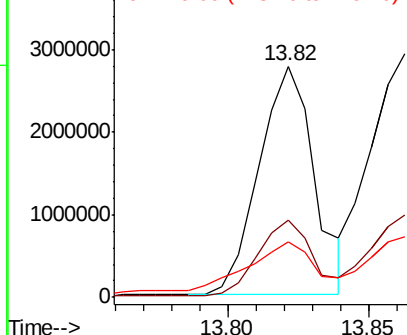
229 24.0 17.0 25.4

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
4000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 68.102 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF114763.D

Acq: 1 Jun 2019 17:59

Tgt Ion:228 Resp: 3370804

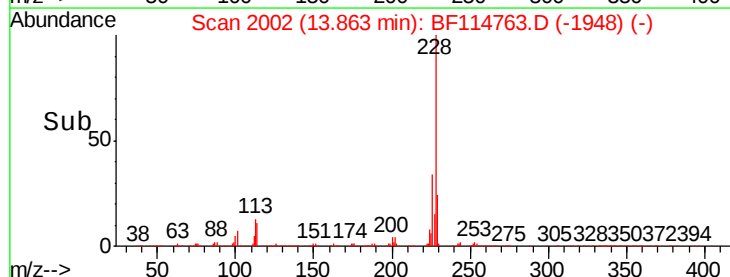
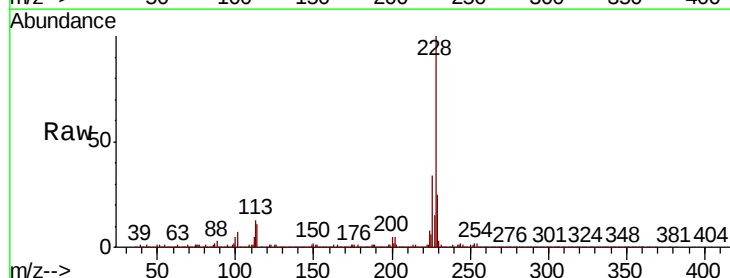
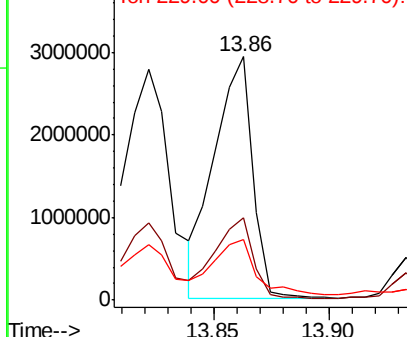
Ion Ratio Lower Upper

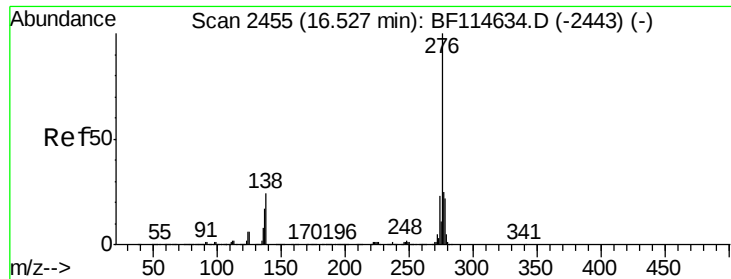
228 100

226 34.1 26.4 39.6

229 25.1 17.1 25.7

Abundance Ion 228.00 (227.70 to 228.70): E
4000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





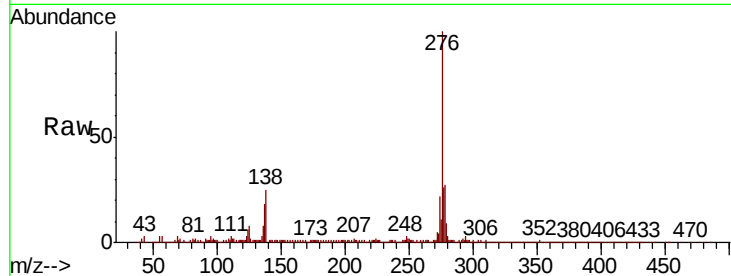
#86
Indeno(1,2,3-cd)pyrene
Concen: 23.903 ng
RT: 16.55 min Scan# 2459
Delta R.T. 0.02 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.0	34.6
277	28.2	20.5	30.7

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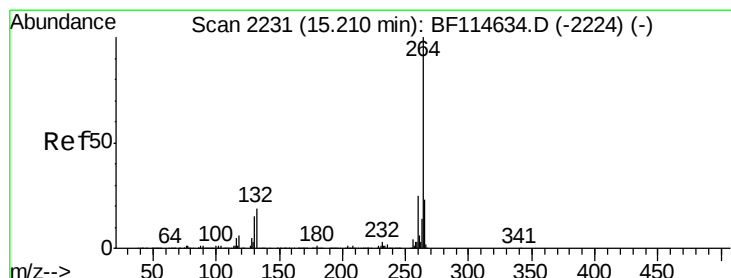
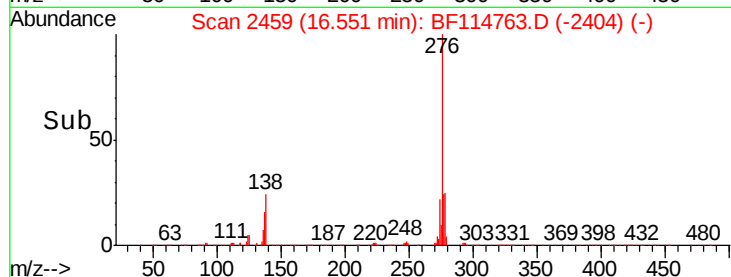
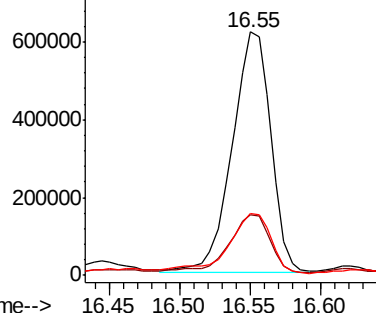


Abundance

Ion 276.00 (275.70 to 276.70): E

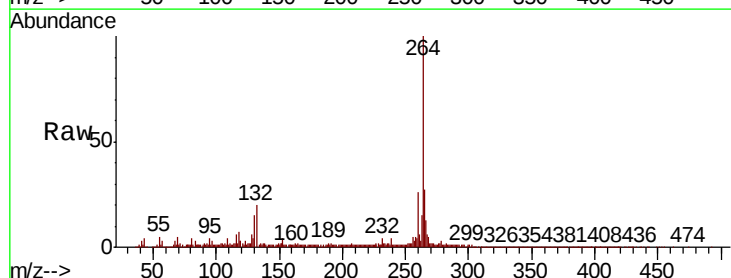
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.7	29.5
265	27.4	18.1	27.1#

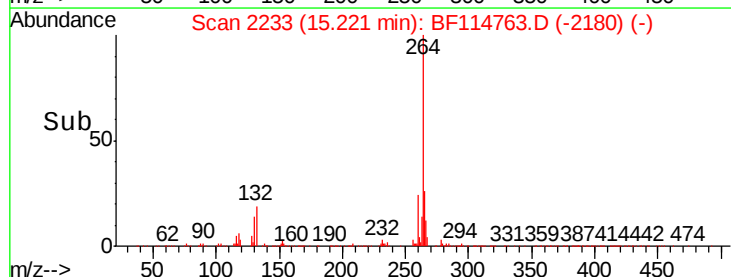
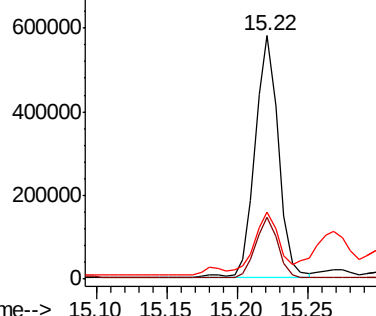


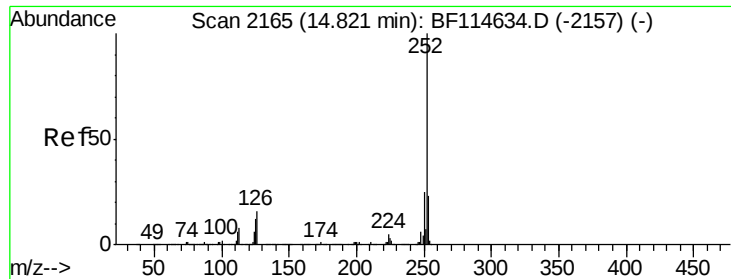
Abundance

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





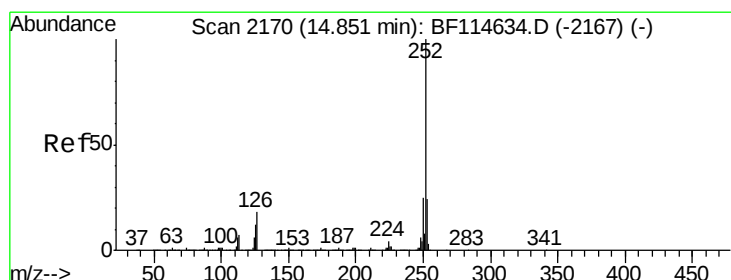
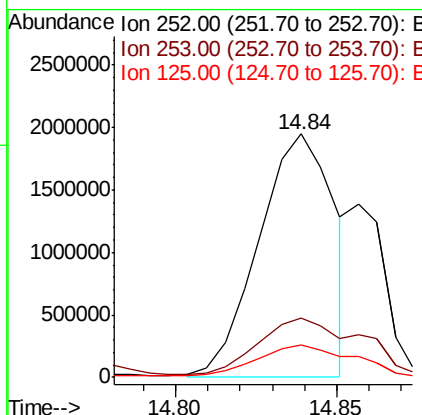
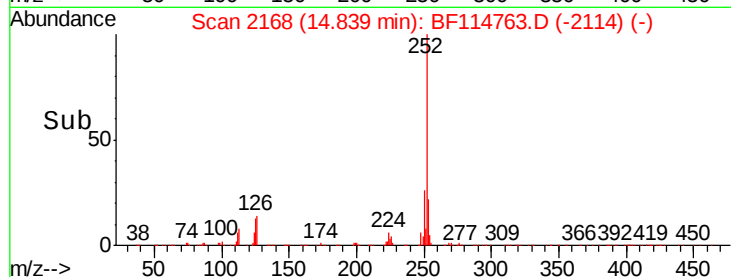
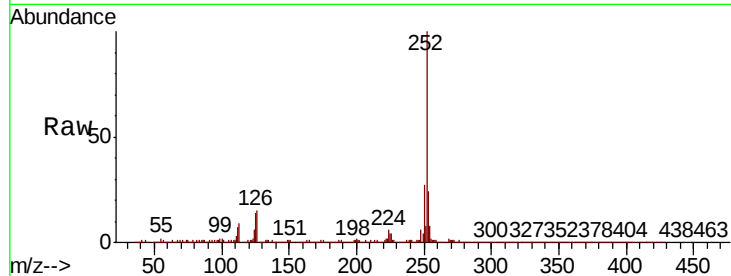
#88
Benzo(b)fluoranthene
Concen: 75.413 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion:252 Resp: 3164766
Ion Ratio Lower Upper
252 100
253 24.3 18.7 28.1
125 13.6 9.4 14.2

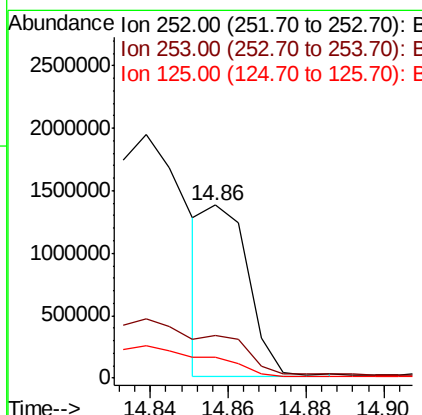
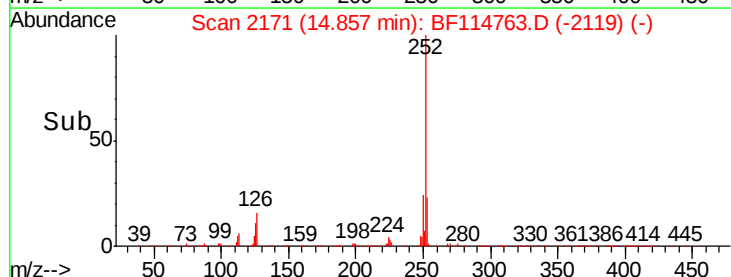
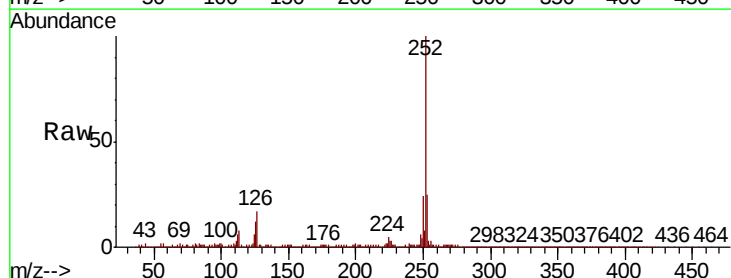
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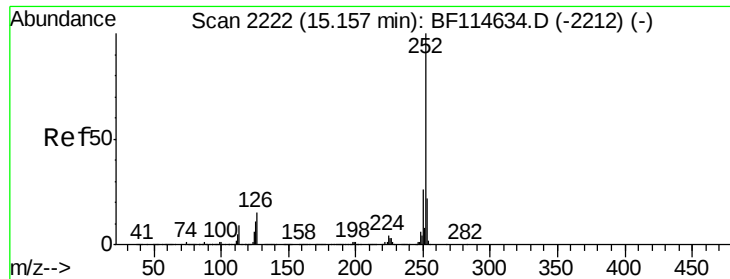
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#89
Benzo(k)fluoranthene
Concen: 28.504 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion:252 Resp: 1039701
Ion Ratio Lower Upper
252 100
253 24.6 18.9 28.3
125 12.3 9.5 14.3





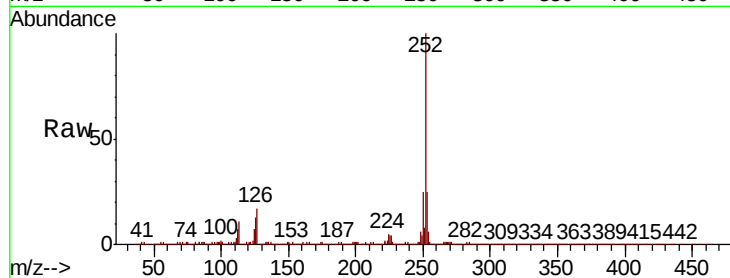
#90
Benzo(a)pyrene
Concen: 63.956 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	13.1	9.2	13.8

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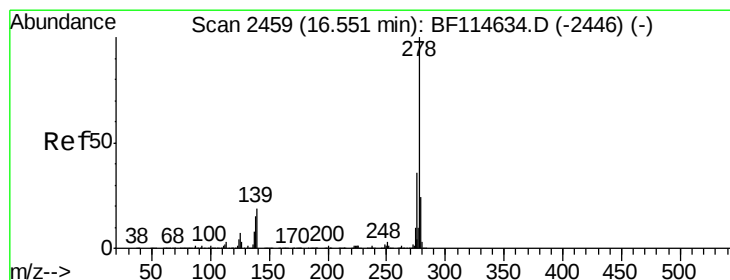
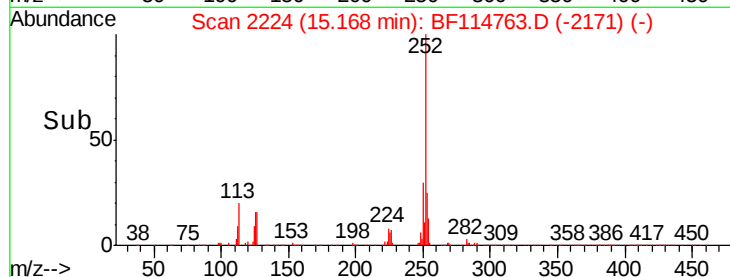
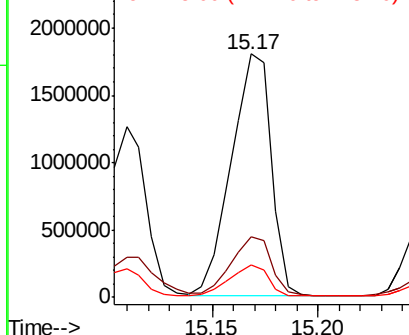


Abundance

Ion 252.00 (251.70 to 252.70): E

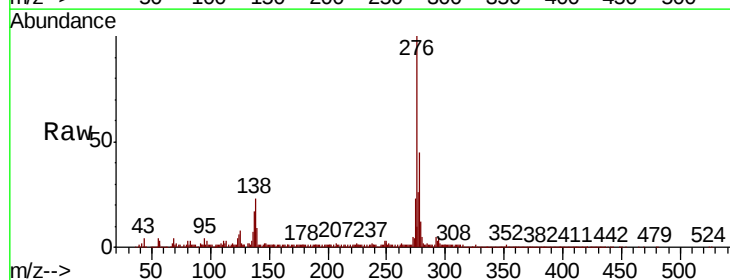
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 10.958 ng
RT: 16.56 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BF114763.D
Acq: 1 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	14.9	22.3
279	27.8	19.5	29.3

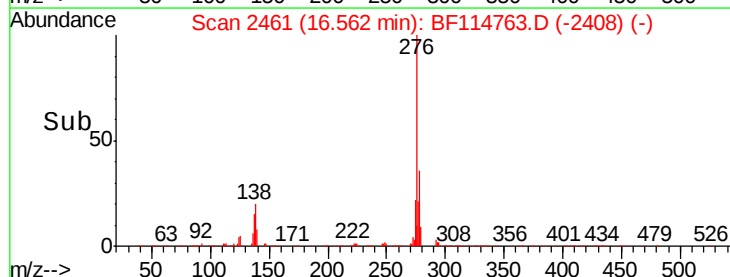
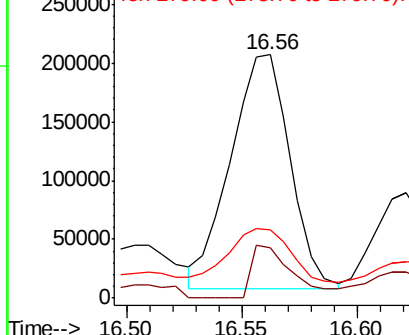


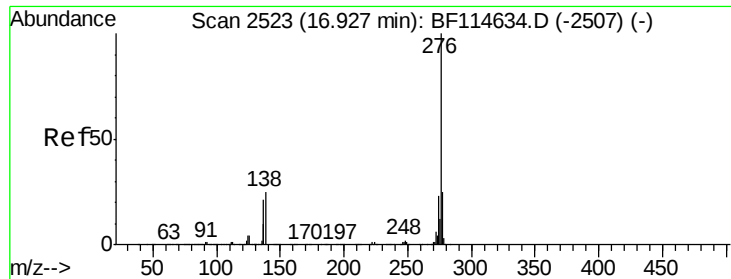
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 35.721 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.02 min
 Lab File: BF114763.D
 Acq: 1 Jun 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.7	29.5
138	25.1	19.8	29.8

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