

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114760.D
 Acq On : 1 Jun 2019 16:39
 Operator : HP/JU
 Sample : K3105-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:51:30 AM

Quant Time: Jun 03 04:07:53 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	6.69	152	356462	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1268289	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	577747	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1115520	20.00	ng	0.00
76) Chrysene-d12	13.84	240	723880	20.00	ng	0.02
87) Perylene-d12	15.23	264	896187	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1956945	96.39	ng	0.01
7) Phenol-d6	6.33	99	2330281	95.25	ng	0.00
23) Nitrobenzene-d5	7.25	82	1428835	70.29	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	585596	106.37	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2090748	64.03	ng	0.00
79) Terphenyl-d14	12.78	244	2036684	52.90	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.39	93	80712	2.184	ng	96
31) Naphthalene	7.99	128	306319	5.243	ng	96
37) 2-Methylnaphthalene	8.68	142	110362	2.843	ng	99
38) 1-Methylnaphthalene	8.78	142	94098	2.559	ng	96
49) Acenaphthylene	9.58	152	130377	2.399	ng	96
50) Dimethylphthalate	9.44	163	405192	10.065	ng	99
52) Acenaphthene	9.75	154	519880	15.598	ng	99
55) Dibenzofuran	9.92	168	390398	8.228	ng	97
58) Fluorene	10.26	166	657596	16.335	ng	97
71) Phenanthrene	11.23	178	4978457	87.488	ng	95
72) Anthracene	11.27	178	2125572	36.907	ng	100
73) Carbazole	11.42	167	463123	9.150	ng	96
74) Di-n-butylphthalate	11.77	149	1950250	28.972	ng	99
75) Fluoranthene	12.43	202	7003317	118.855	ng	94
78) Pyrene	12.65	202	7381516m	120.545	ng	
80) Butylbenzylphthalate	13.30	149	8275018	268.893	ng	# 90
81) Benzo(a)anthracene	13.83	228	5800195	104.268	ng	92
83) Chrysene	13.87	228	4859158m	91.428	ng	
84) Bis(2-ethylhexyl)phthalate	13.83	149	163202	4.290	ng	96
86) Indeno(1,2,3-cd)pyrene	16.57	276	2622848	49.274	ng	95
88) Benzo(b)fluoranthene	14.84	252	6557954m	116.182	ng	
89) Benzo(k)fluoranthene	14.87	252	1332459m	27.159	ng	
90) Benzo(a)pyrene	15.19	252	4594032	92.647	ng	95
91) Dibenzo(a,h)anthracene	16.57	278	726700	16.585	ng	96
92) Benzo(g,h,i)perylene	16.97	276	2409842	56.665	ng	99

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

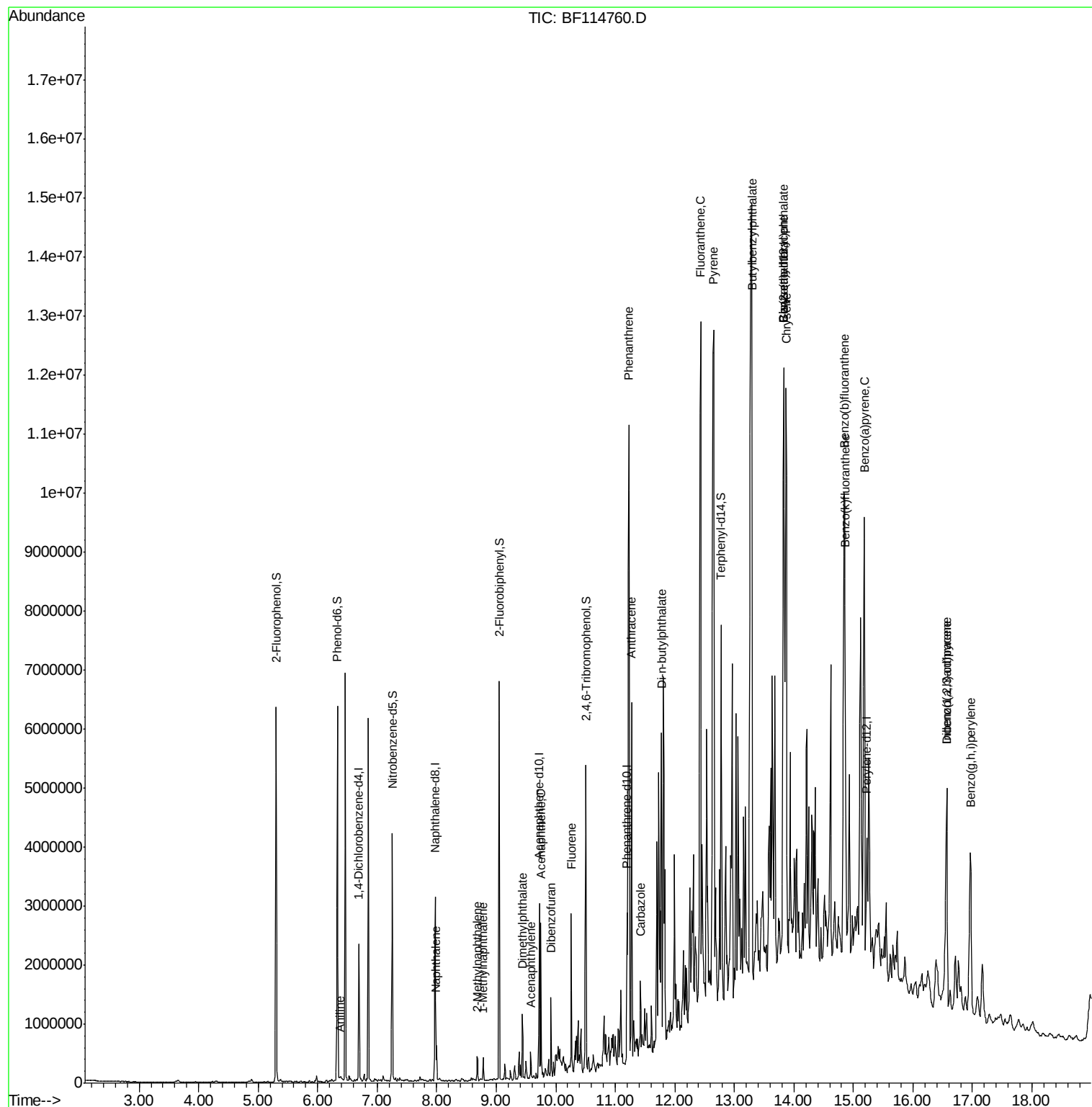
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114760.D
Acq On : 1 Jun 2019 16:39
Operator : HP/JU
Sample : K3105-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

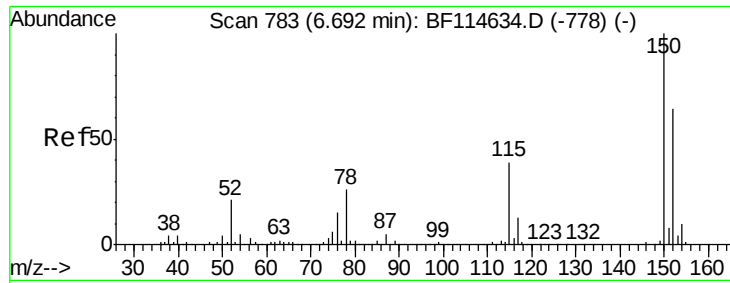
Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

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6/3/2019 8:51:30 AM

Quant Time: Jun 03 04:07:53 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





#1

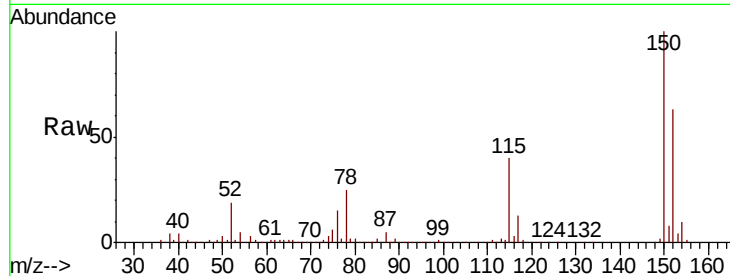
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.4	186.6
115	63.2	48.7	73.1

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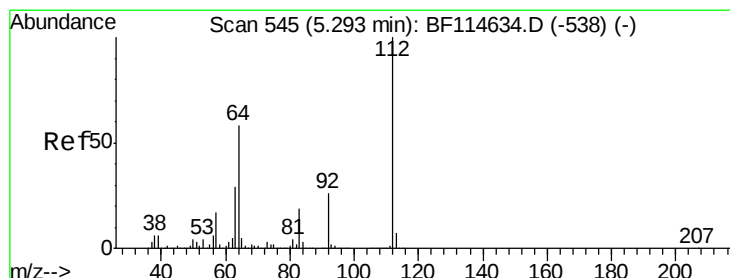
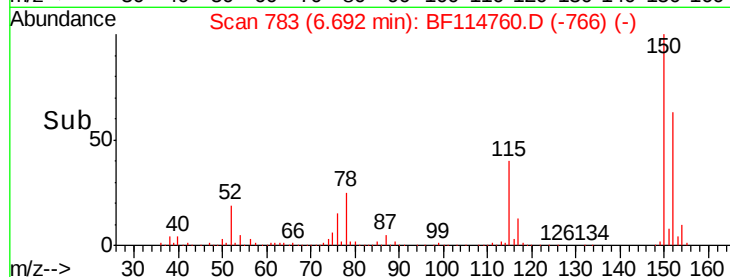
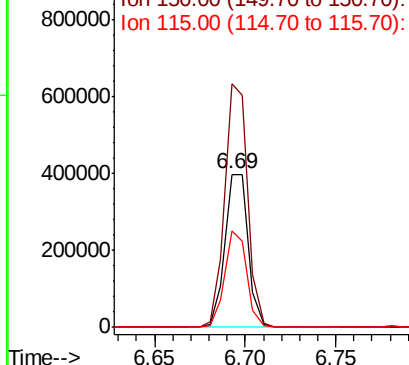


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

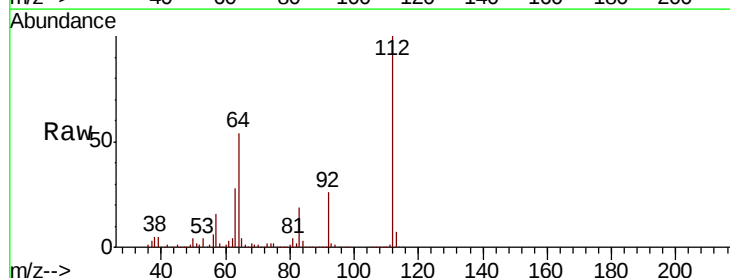
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.387 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.1	69.1
63	27.8	23.4	35.2

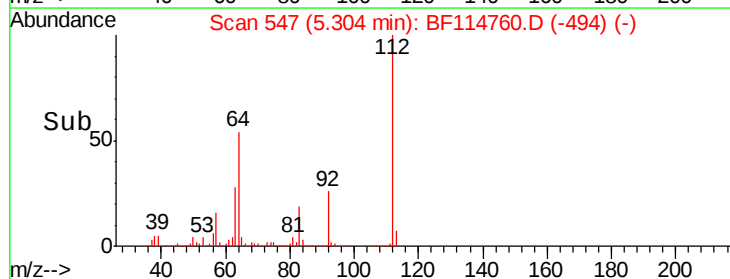
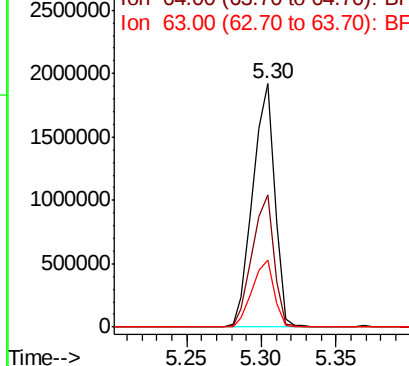


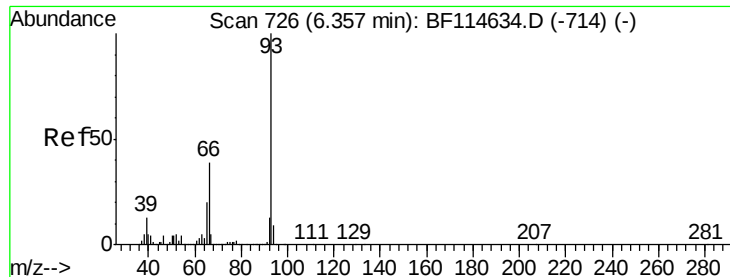
Abundance

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





#6

Aniline

Concen: 2.184 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

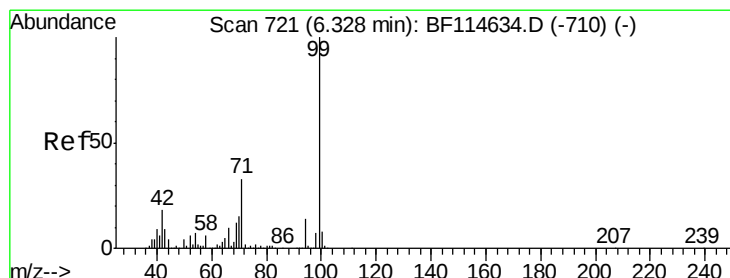
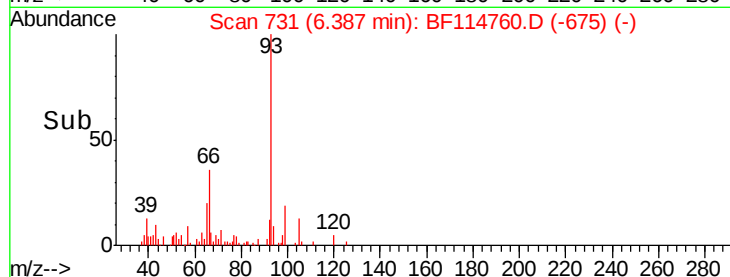
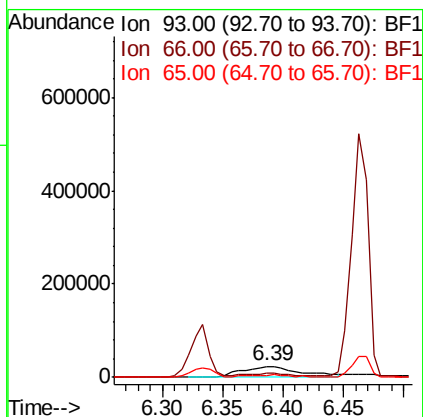
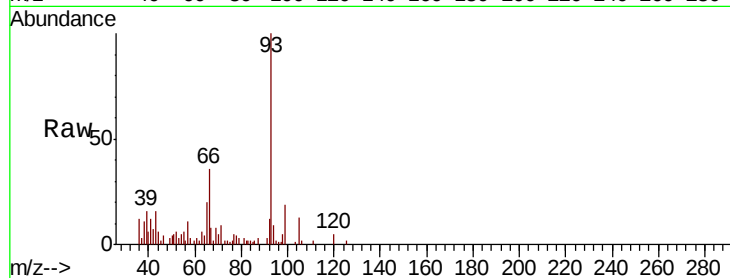
ClientSampleId :

8-9-TRACK

Tot Ion:	93	Resp:	80712
Ion	Ratio	Lower	Upper
93	100		
66	35.5	31.4	47.2
65	20.0	16.2	24.2

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#7

Phenol-d6

Concen: 95.246 ng

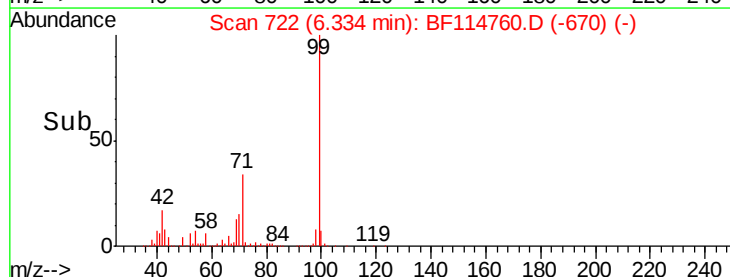
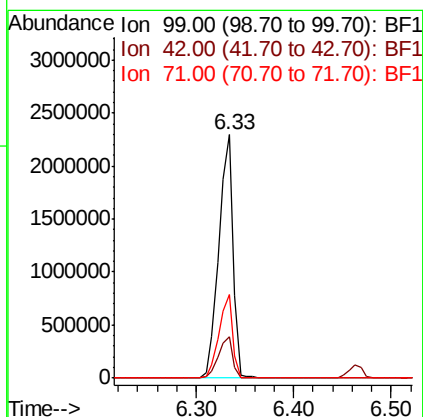
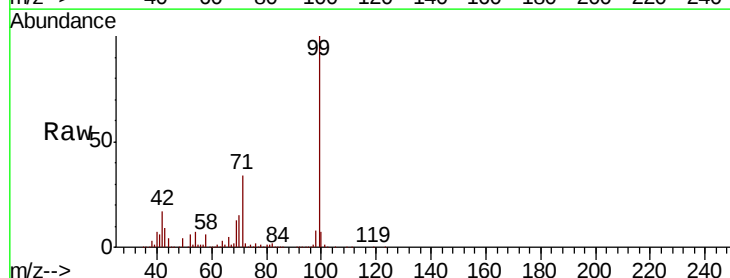
RT: 6.33 min Scan# 722

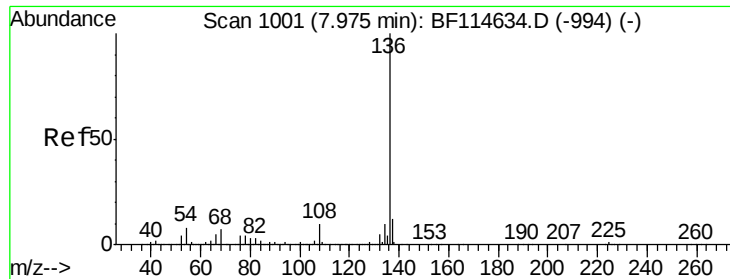
Delta R.T. 0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Tgt Ion:	99	Resp:	2330281
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.7	22.1
71	34.4	26.6	40.0





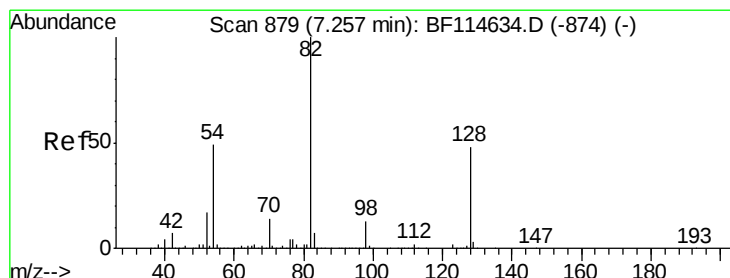
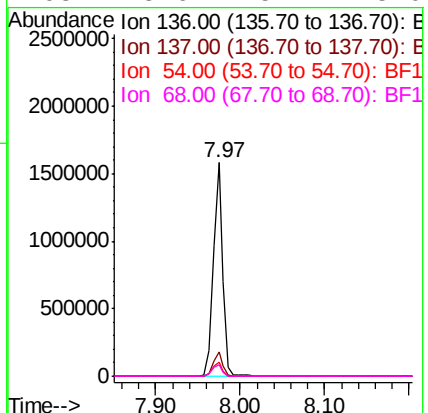
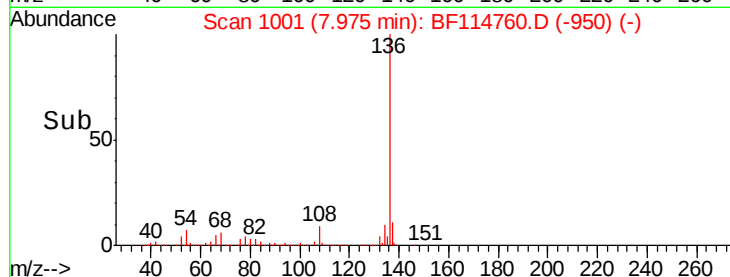
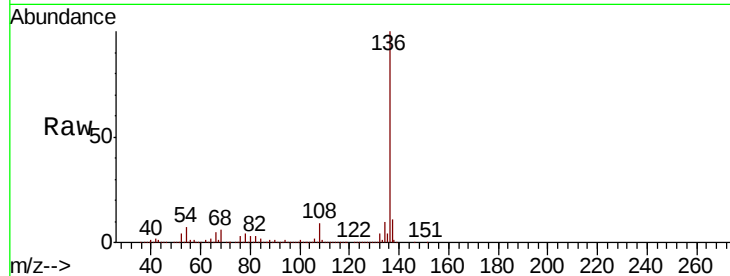
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	136	Resp	1268289
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.7	6.3	9.5
68	5.6	5.4	8.0

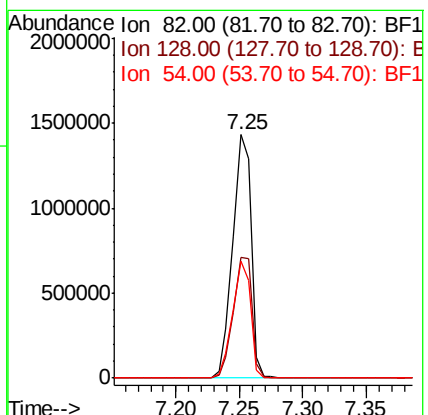
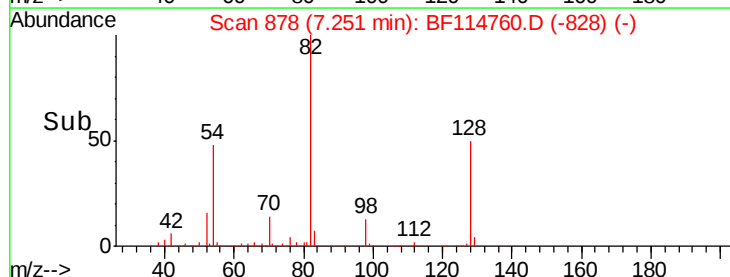
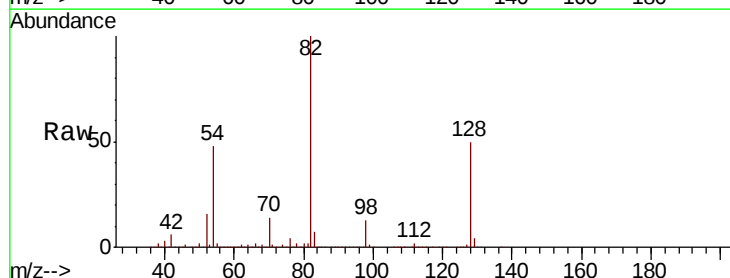
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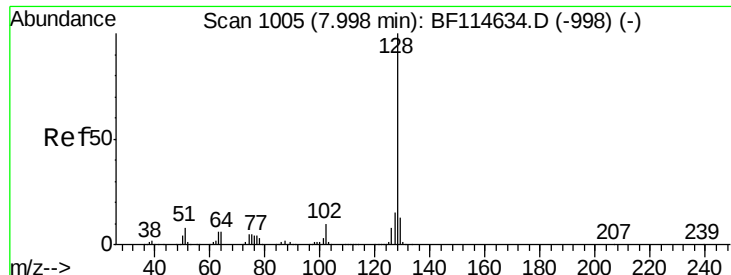
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#23
Nitrobenzene-d5
Concen: 70.287 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	82	Resp	1428835
Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.5	57.7
54	47.8	39.1	58.7





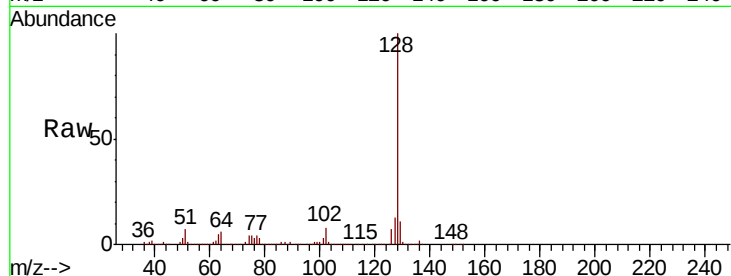
#31
Naphthalene
Concen: 5.243 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion	Ratio	Resp	Lower	Upper
128	100	306319		
129	11.3		10.2	15.2
127	13.1		11.9	17.9

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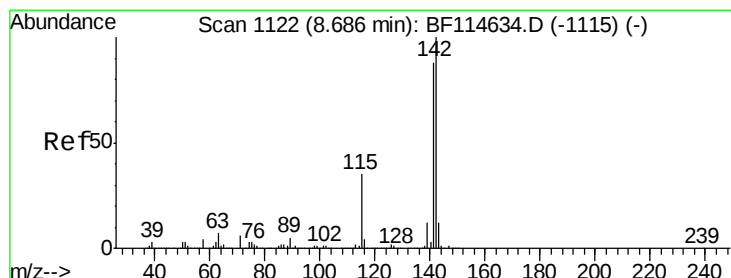
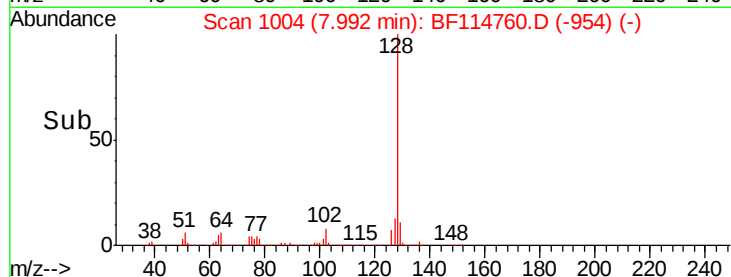
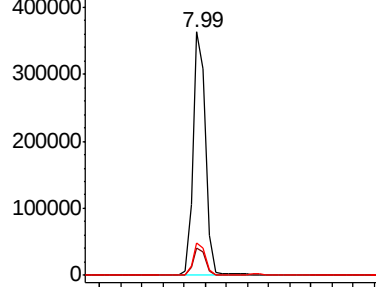


Abundance

Ion 128.00 (127.70 to 128.70): E

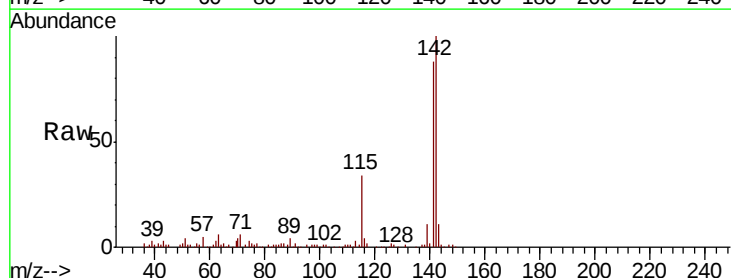
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 2.843 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	110362		
141	87.8		70.3	105.5
115	34.0		28.0	42.0

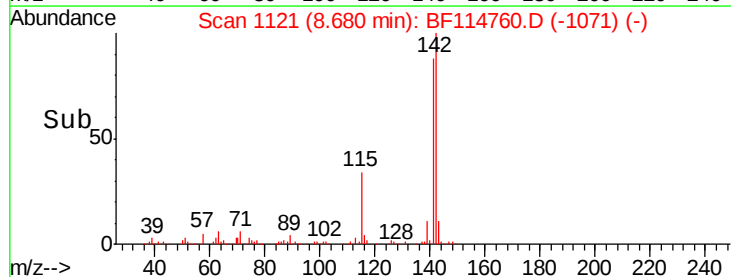
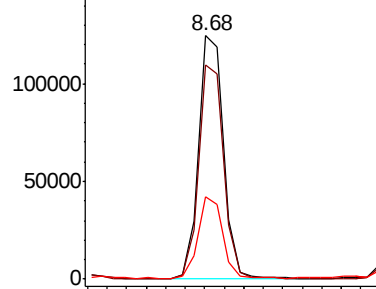


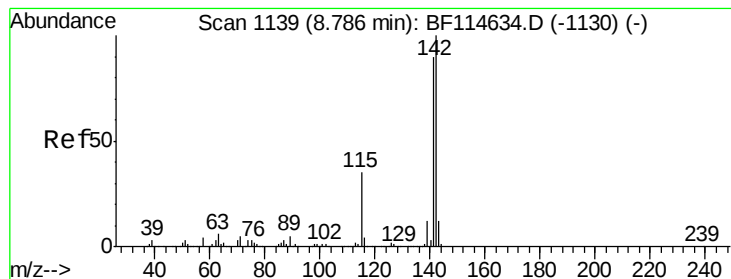
Abundance

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: 2.559 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

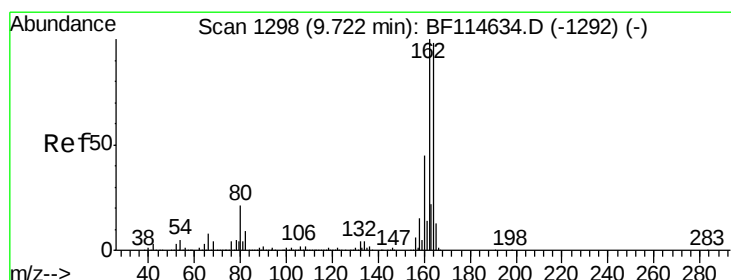
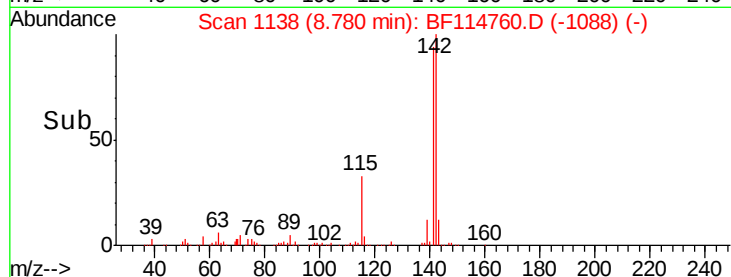
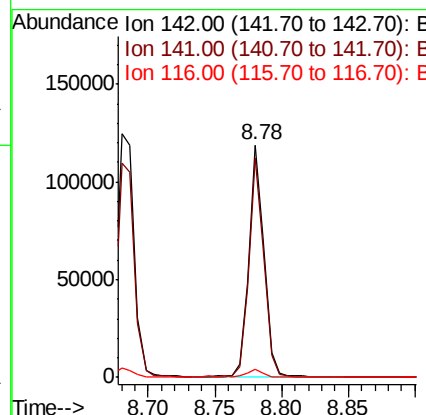
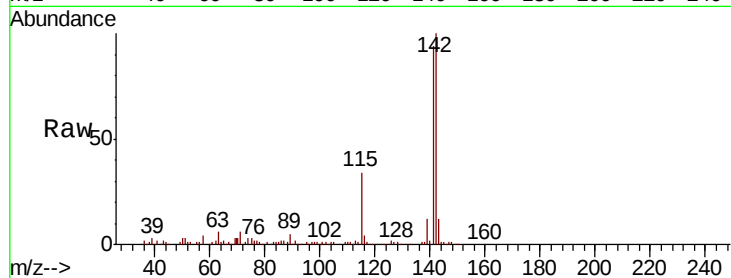
ClientSampleId :

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Tot Ion:	142	Resp:	94098
Ion Ratio	Lower	Upper	
142	100		
141	94.4	72.3	108.5
116	3.6	3.0	4.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

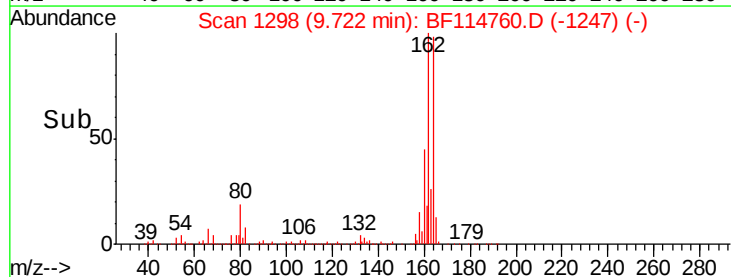
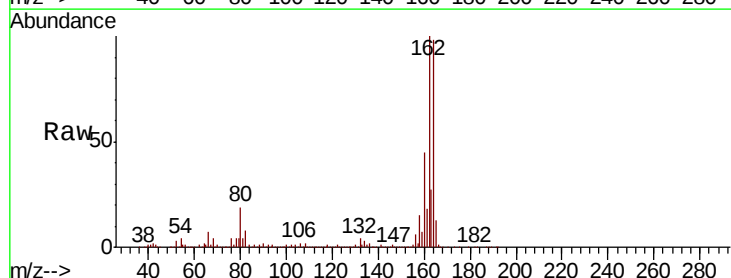
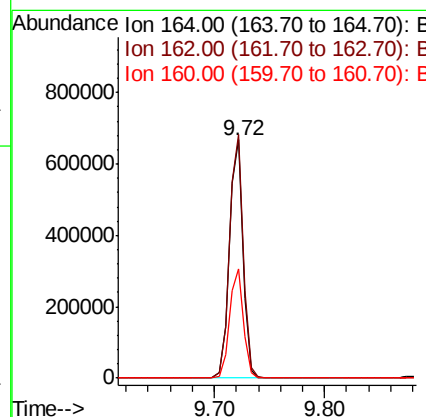
RT: 9.72 min Scan# 1298

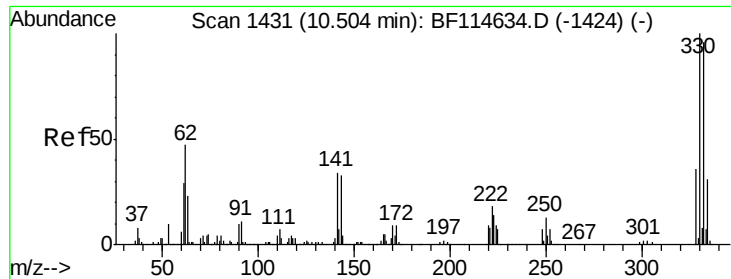
Delta R.T. -0.00 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Tgt Ion:	164	Resp:	577747
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.4	122.2
160	46.1	36.6	54.8





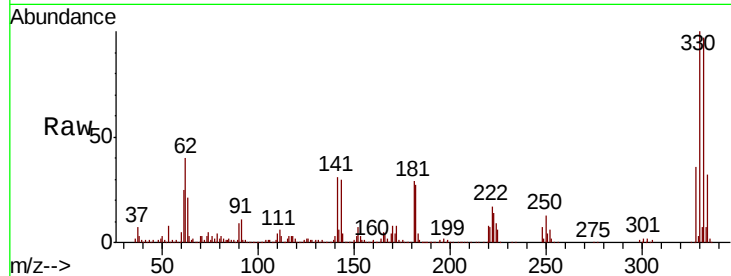
#42
 2,4,6-Tribromophenol
 Concen: 106.375 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tot Ion	Ratio	Resp	Lower	Upper
330	100	585596		
332	97.0		75.8	113.8
141	33.7		27.8	41.8

Manual Integrations
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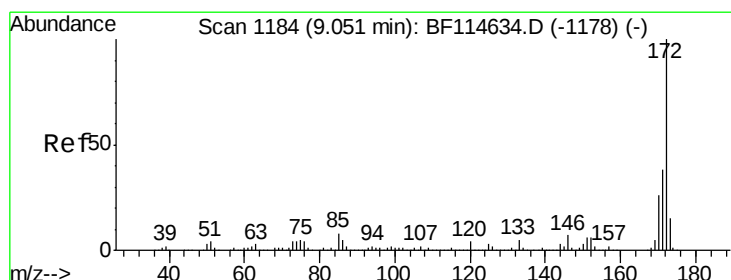
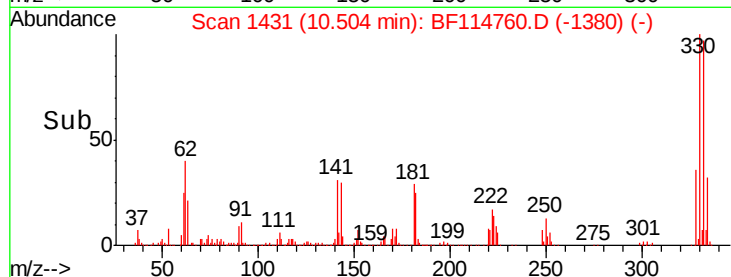
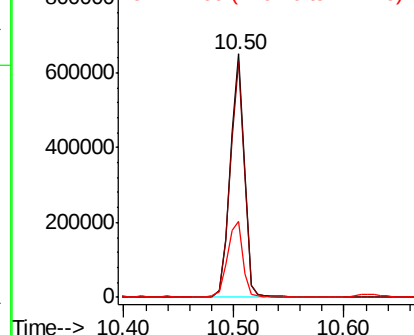


Abundance

Ion 329.80 (329.50 to 330.50): E

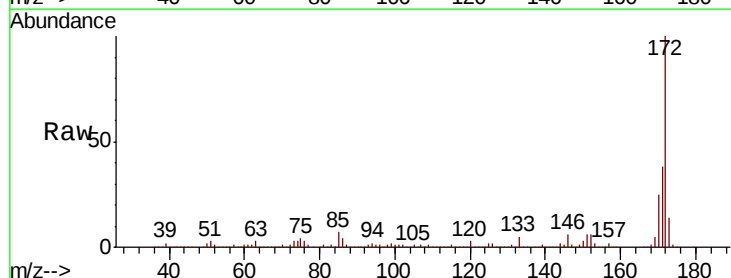
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.031 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2090748		
171	37.9		30.6	45.8
170	25.4		20.7	31.1

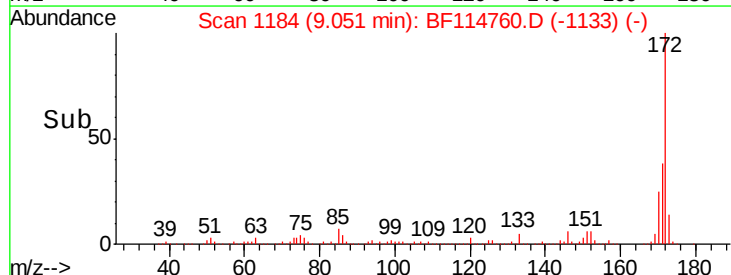
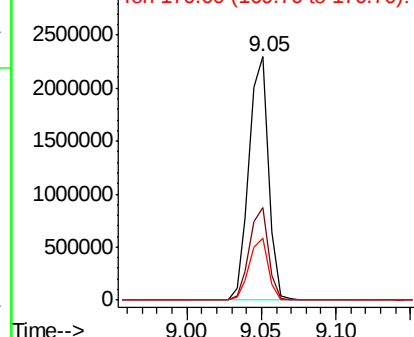


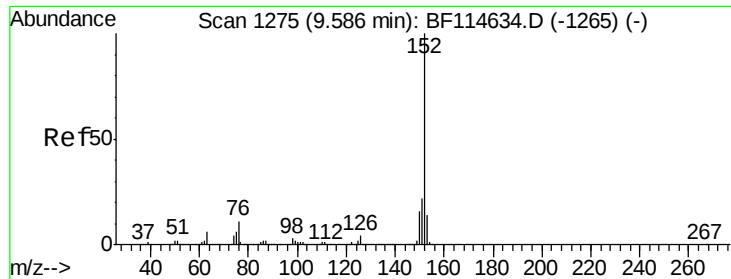
Abundance

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





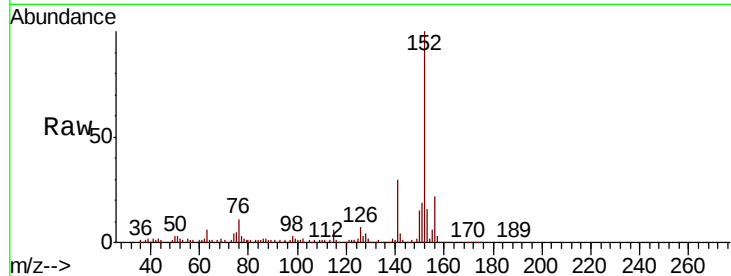
#49
Acenaphthylene
Concen: 2.399 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

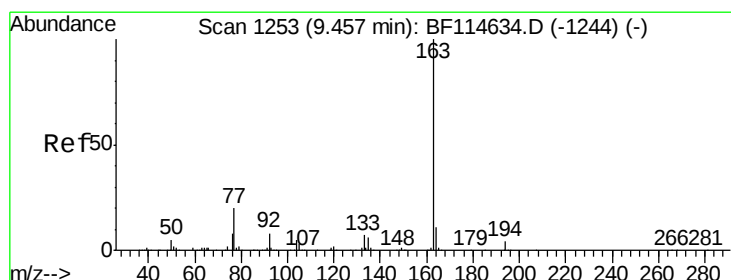
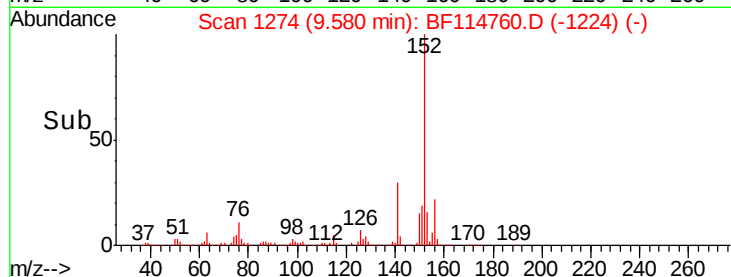
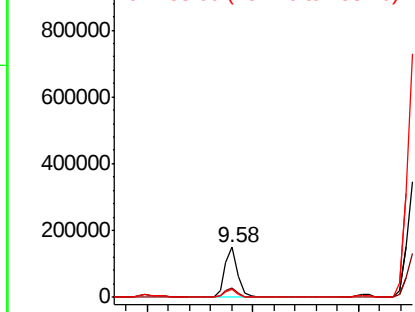
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		130377		
151	19.5		17.5	26.3	
153	15.7		11.6	17.4	

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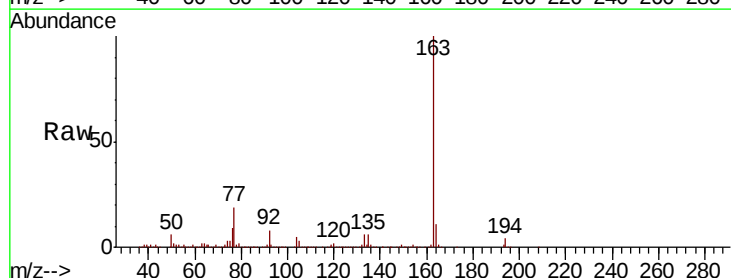


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

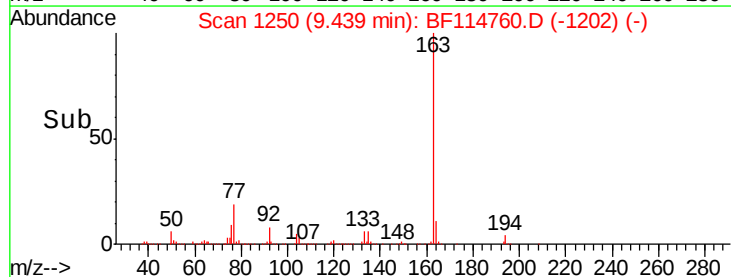
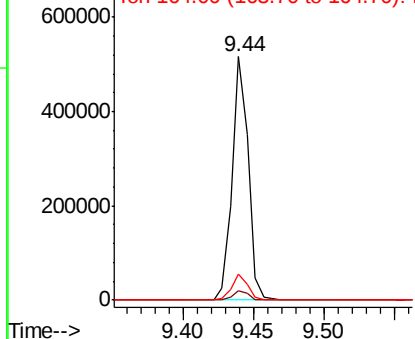


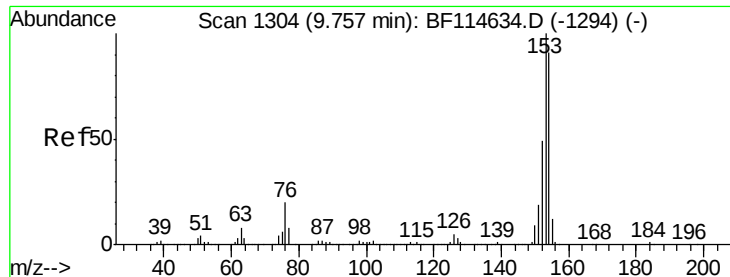
#50
Dimethylphthalate
Concen: 10.065 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		405192		
194	3.8		3.4	5.0	
164	10.9		8.6	13.0	



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





#52

Acenaphthene

Concen: 15.598 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

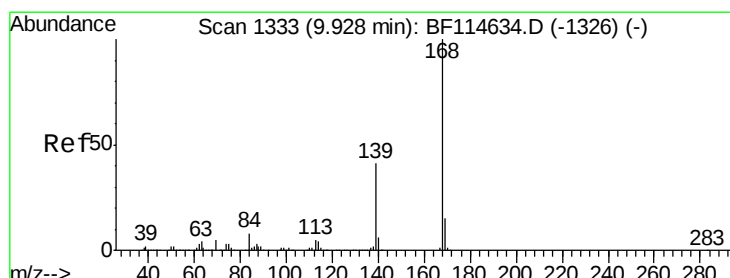
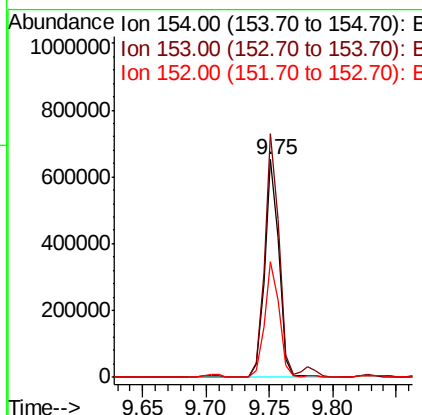
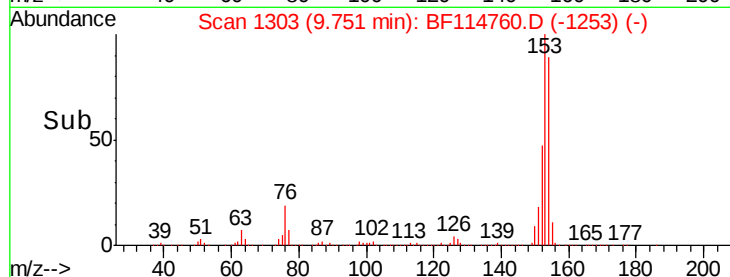
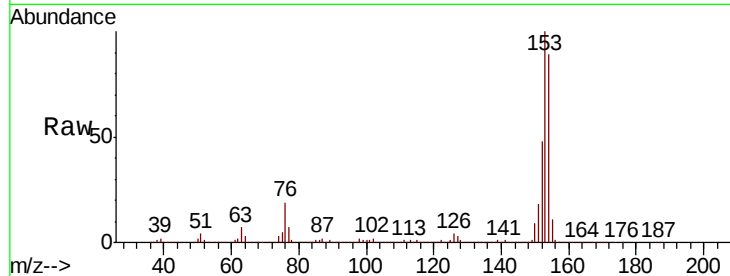
ClientSampleId :

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Tot Ion:	154	Resp:	519880
Ion Ratio	Lower	Upper	
154	100		
153	111.9	88.4	132.6
152	53.2	43.4	65.0

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#55

Dibenzofuran

Concen: 8.228 ng

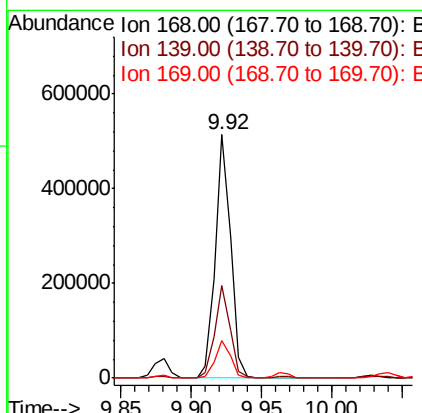
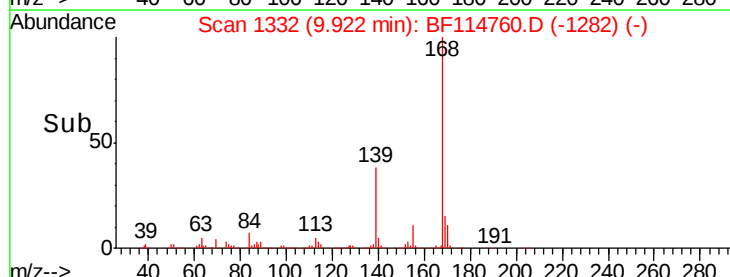
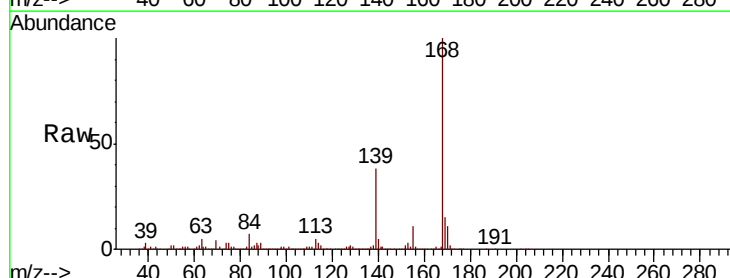
RT: 9.92 min Scan# 1332

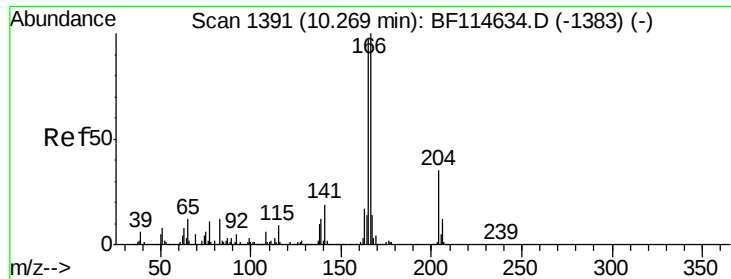
Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Tgt Ion:	168	Resp:	390398
Ion Ratio	Lower	Upper	
168	100		
139	38.3	32.6	48.8
169	15.3	11.8	17.8





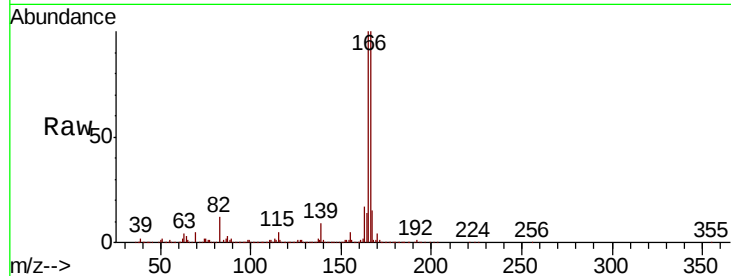
#58
Fluorene
 Concen: 16.335 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.6	116.4
167	14.6	11.2	16.8

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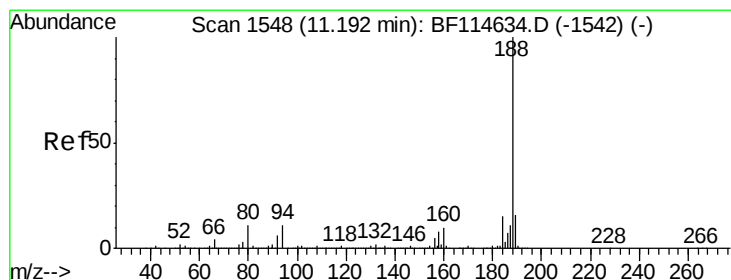
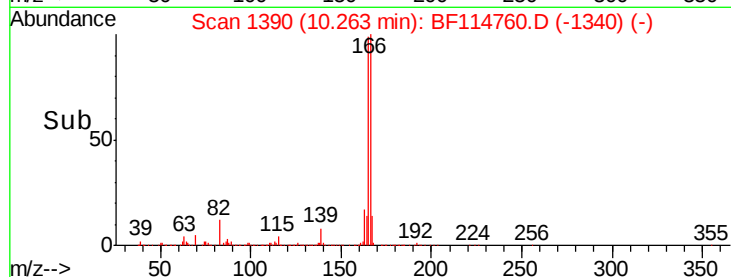
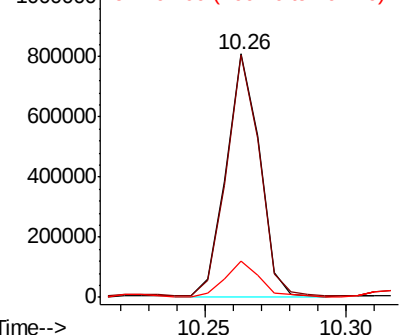


Abundance

Ion 166.00 (165.70 to 166.70): E

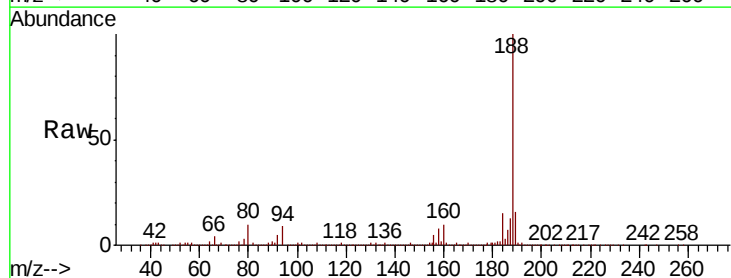
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.6	13.0
80	9.5	9.0	13.6

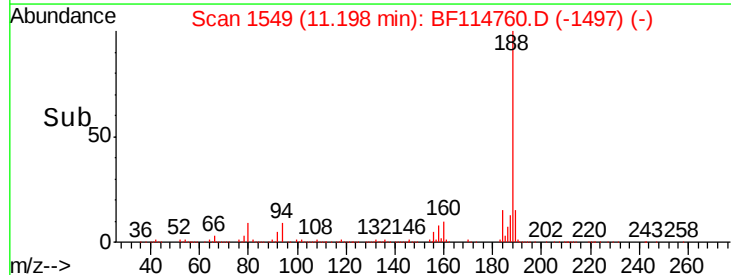
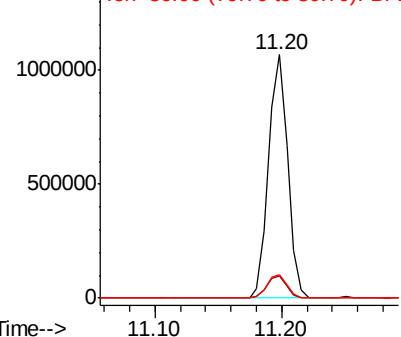


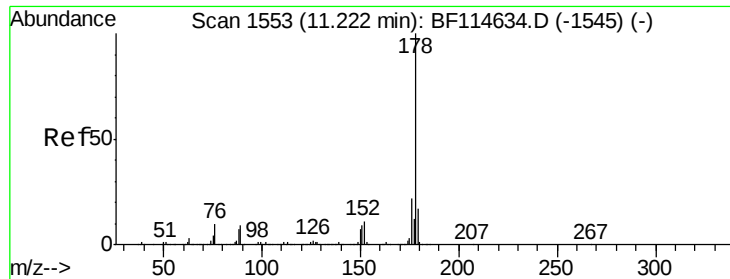
Abundance

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





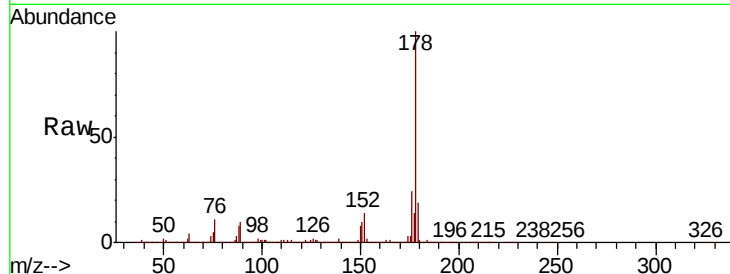
#71
Phenanthrene
Concen: 87.488 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
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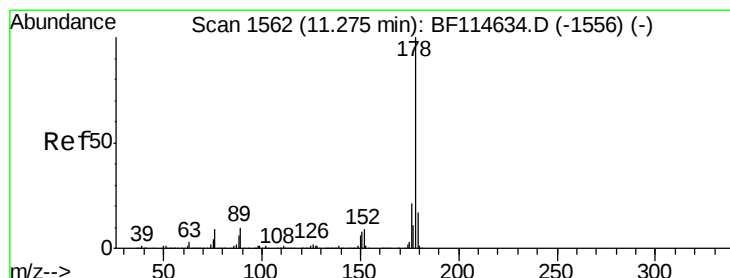
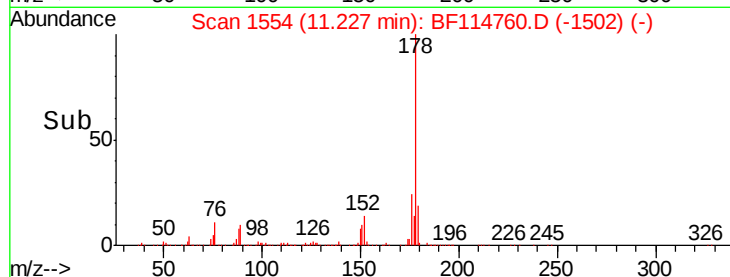
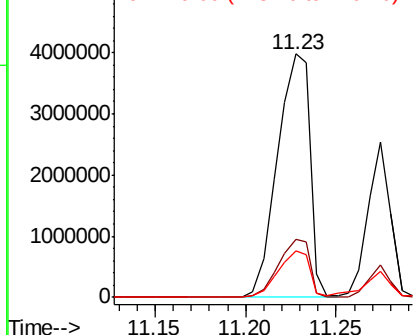
Tot Ion:178 Resp: 4978457
Ion Ratio Lower Upper
178 100
176 24.1 17.2 25.8
179 19.3 13.9 20.9

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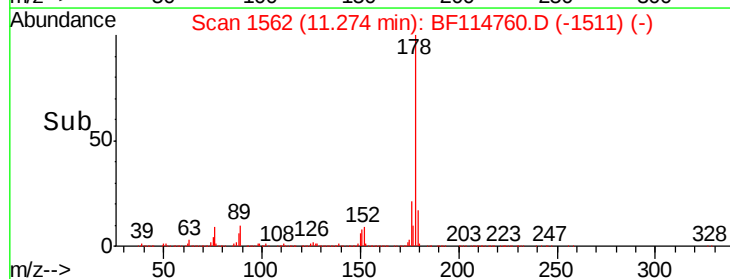
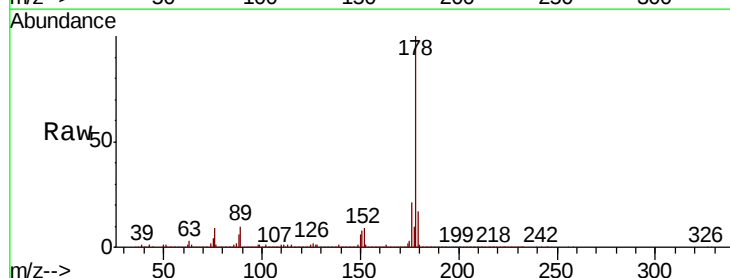
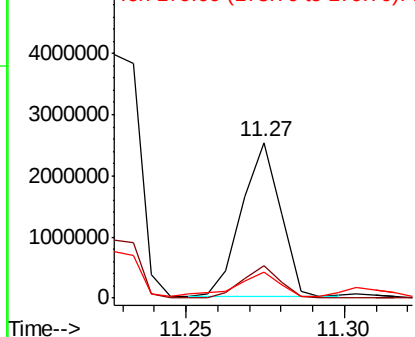
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

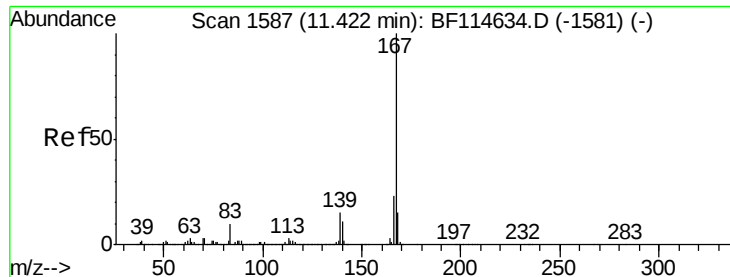


#72
Anthracene
Concen: 36.907 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion:178 Resp: 2125572
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 16.8 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





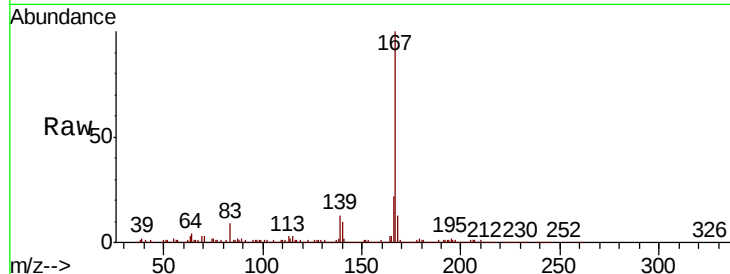
#73
 Carbazole
 Concen: 9.150 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
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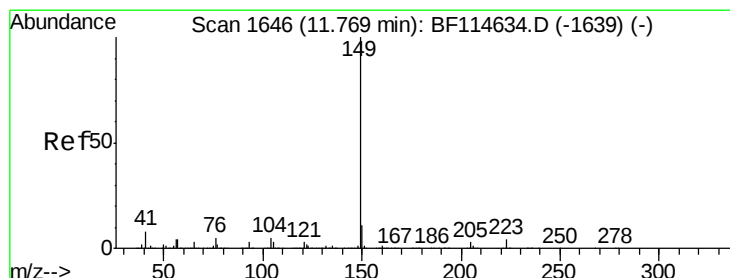
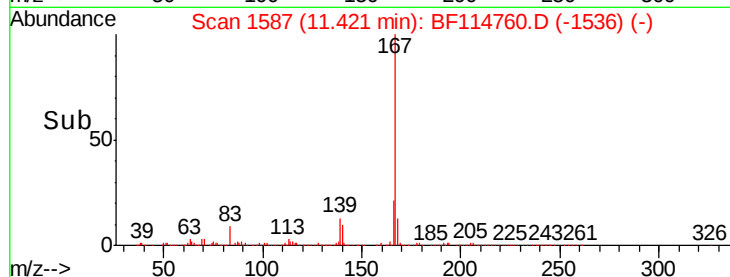
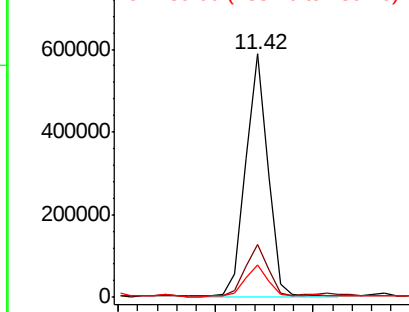
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.7	28.1
139	13.2	11.8	17.8

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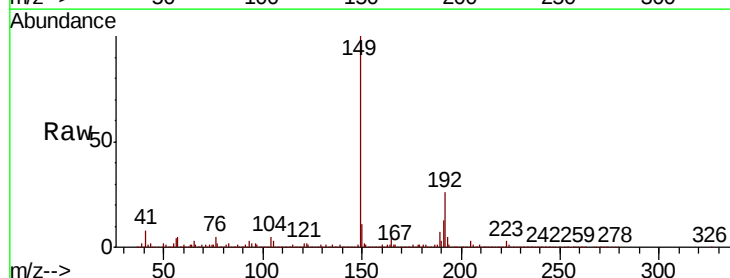


Abundance Ion 167.00 (166.70 to 167.70): E
 800000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

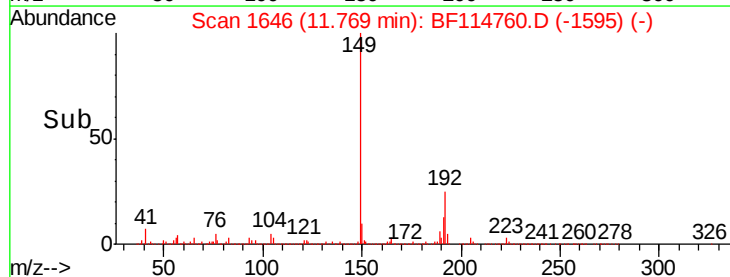
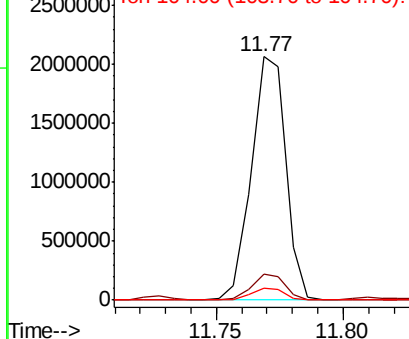


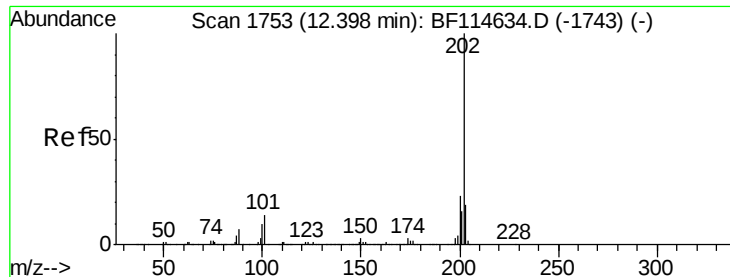
#74
 Di-n-butylphthalate
 Concen: 28.972 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.0	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 118.855 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.04 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

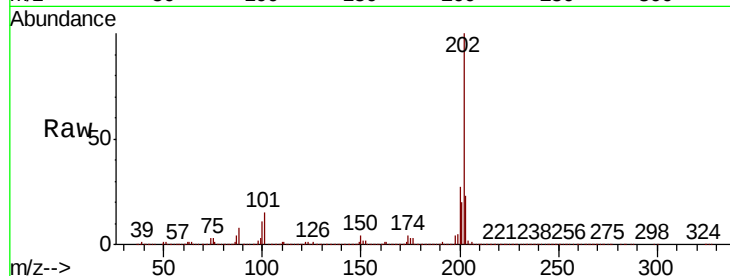
ClientSampleId :

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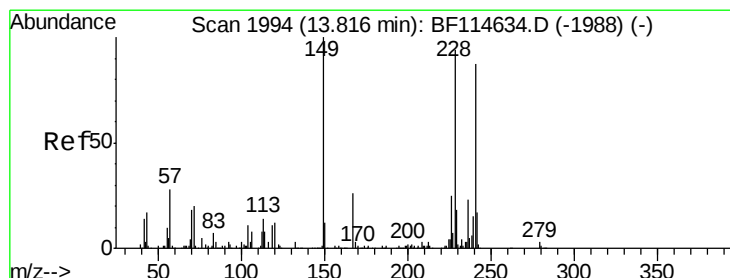
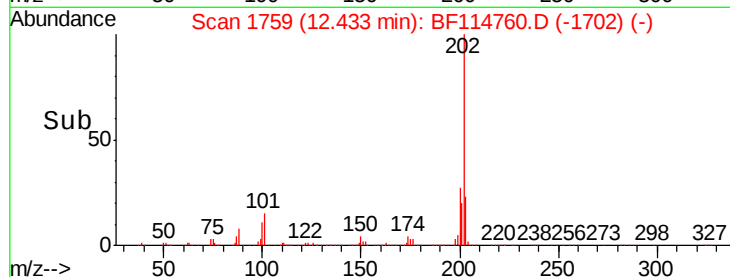
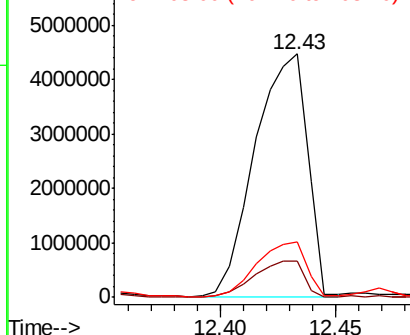
Tot Ion:	202	Resp:	7003317
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.9
203	23.0	0.0	39.1

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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: 13.84 min Scan# 1998

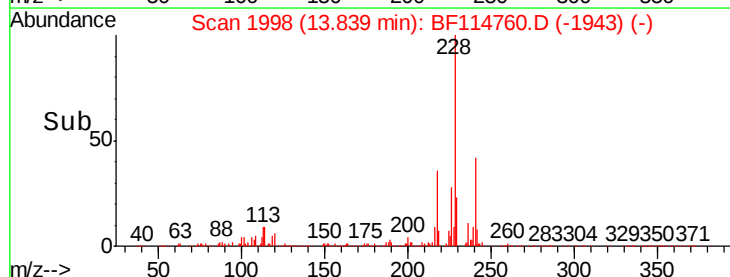
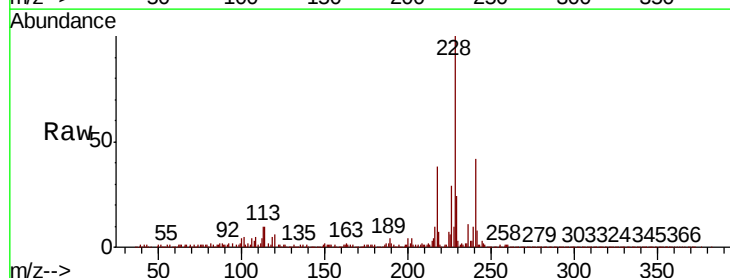
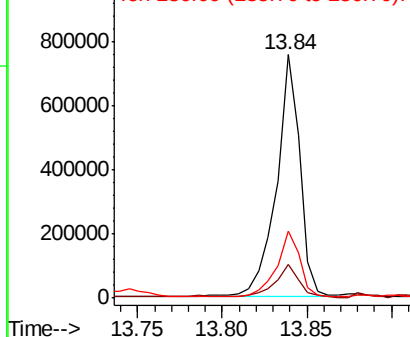
Delta R.T. 0.02 min

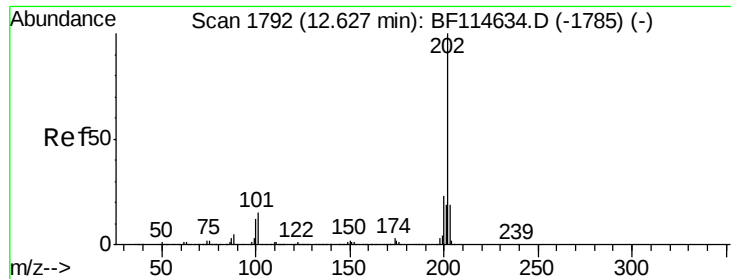
Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Tgt Ion:	240	Resp:	723880
Ion	Ratio	Lower	Upper
240	100		
120	14.1	11.2	16.8
236	27.5	21.2	31.8

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





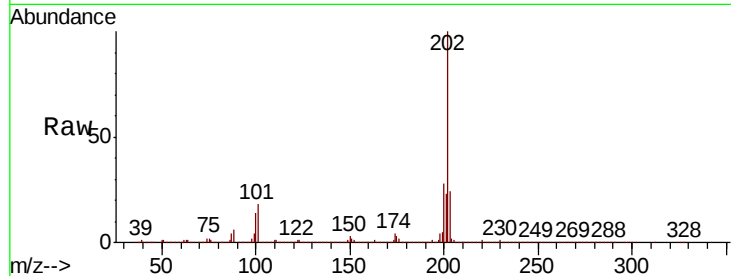
#78
Pvrene
Concen: 120.545 ng/mL
RT: 12.65 min Scan# 1796
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
202	100		
200	27.9	18.6	28.0
203	23.5	15.4	23.2

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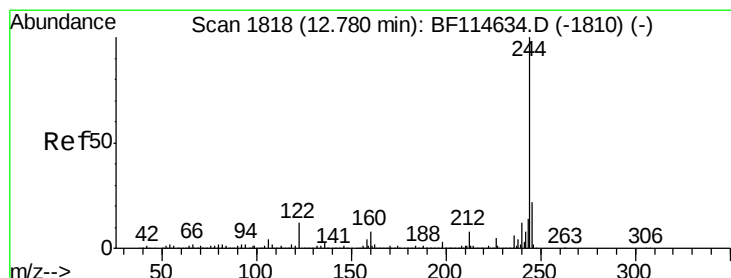
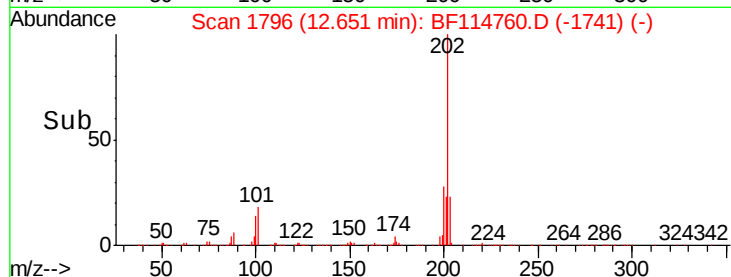
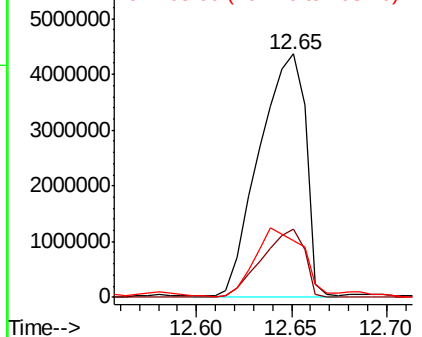


Abundance

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: 52.899 ng/mL
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

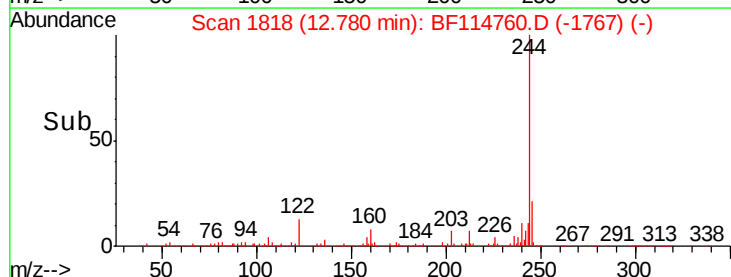
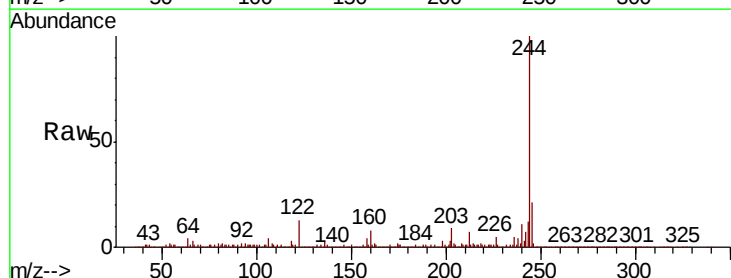
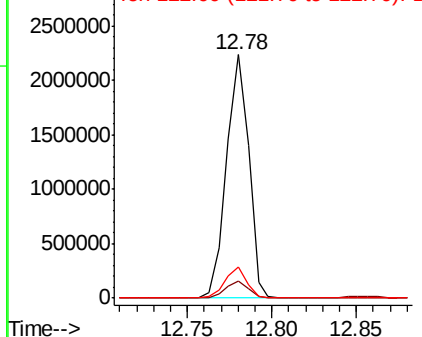
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.7	9.8	14.8

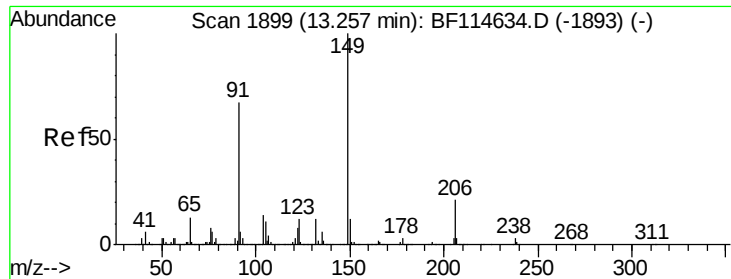
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





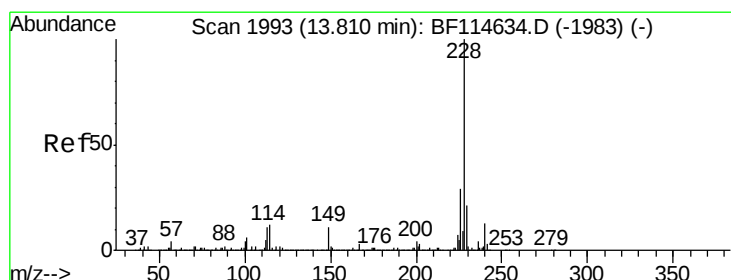
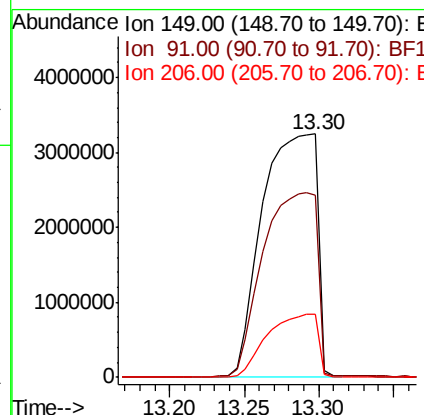
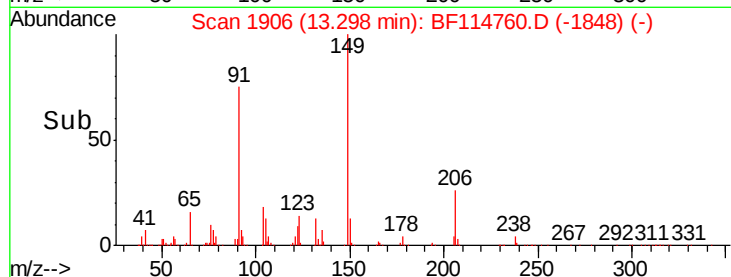
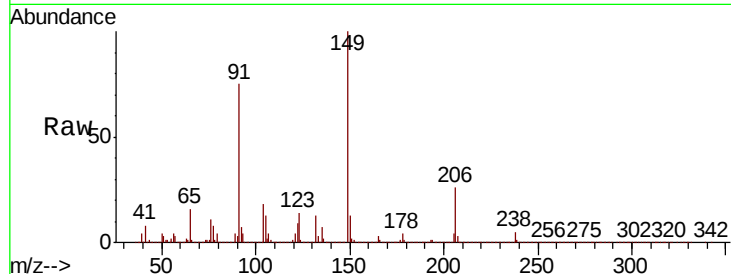
#80
Butylbenzylphthalate
Concen: 268.893 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.04 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion:149 Resp: 8275018
Ion Ratio Lower Upper
149 100
91 75.0 53.8 80.8
206 26.1 16.9 25.3#

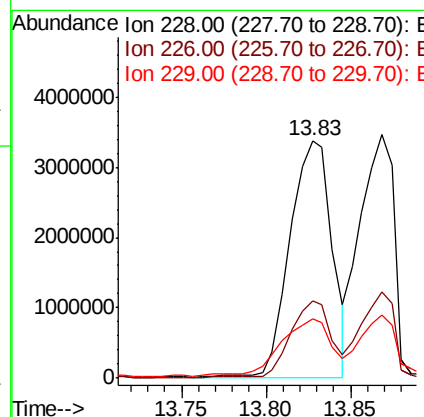
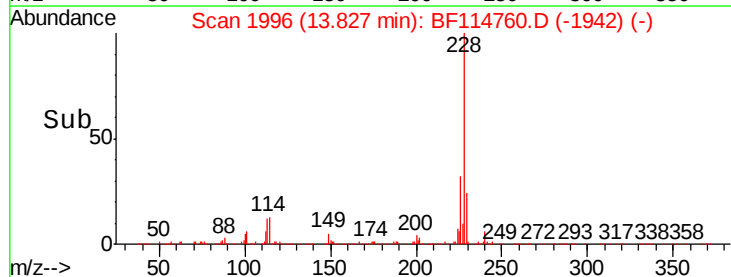
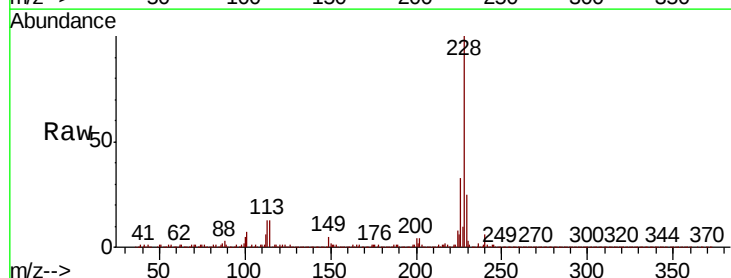
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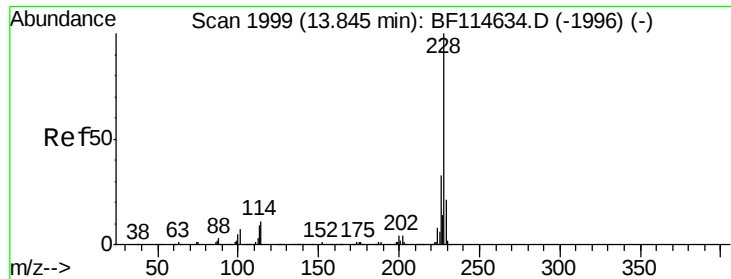
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#81
Benzo(a)anthracene
Concen: 104.268 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion:228 Resp: 5800195
Ion Ratio Lower Upper
228 100
226 32.7 23.0 34.6
229 24.9 17.0 25.4





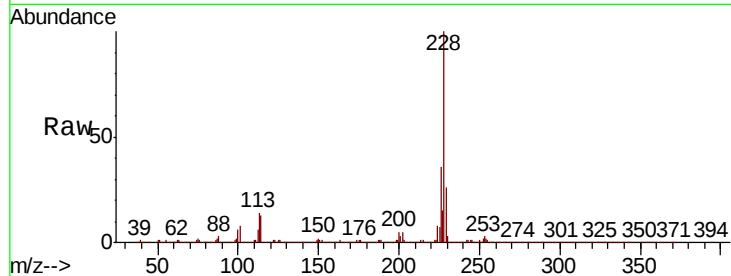
#83
Chrysene
Concen: 91.428 ng m
RT: 13.87 min Scan# 2003
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

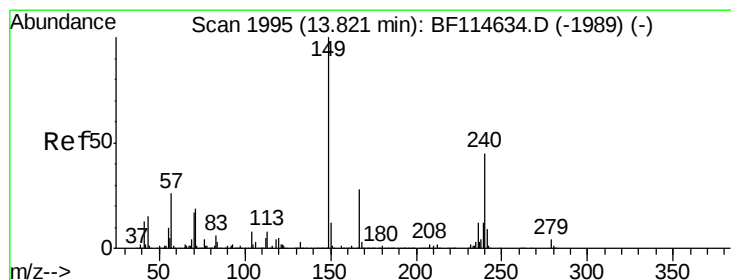
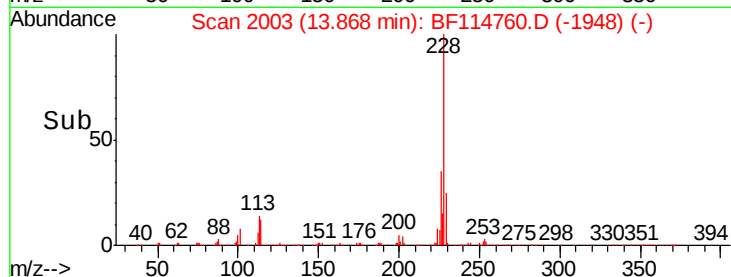
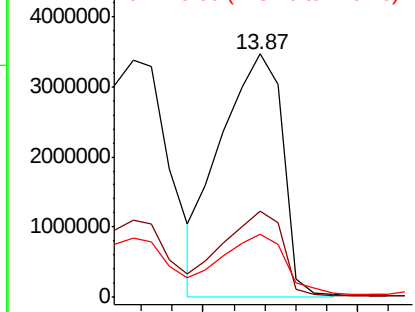
Tot Ion:228 Resp: 4859158
Ion Ratio Lower Upper
228 100
226 35.5 26.4 39.6
229 26.1 17.1 25.7#

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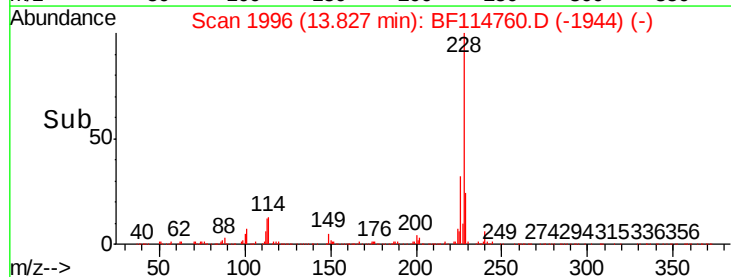
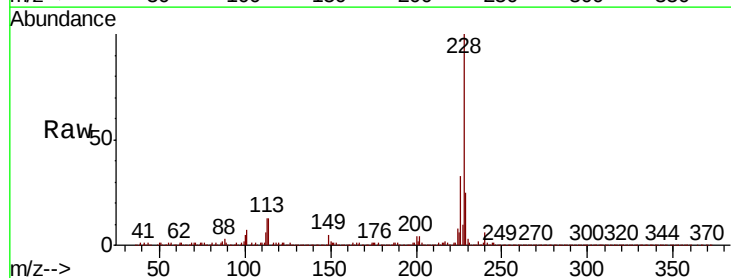
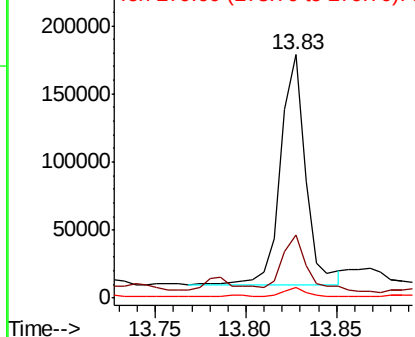
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

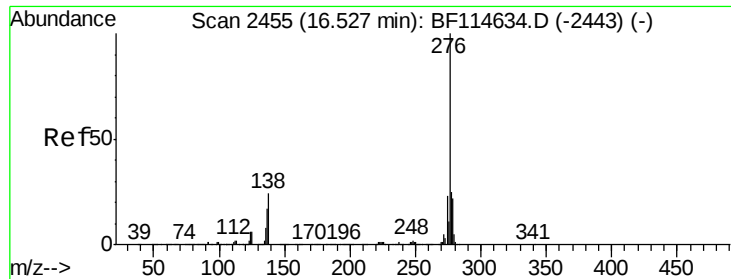


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.290 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion:149 Resp: 163202
Ion Ratio Lower Upper
149 100
167 26.1 22.6 33.8
279 4.4 3.0 4.4

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





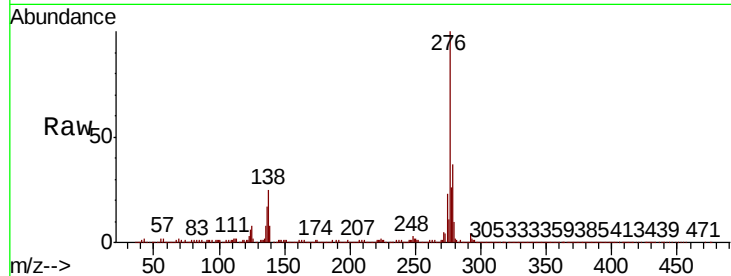
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.274 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.04 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	23.0	34.6
277	28.1	20.5	30.7

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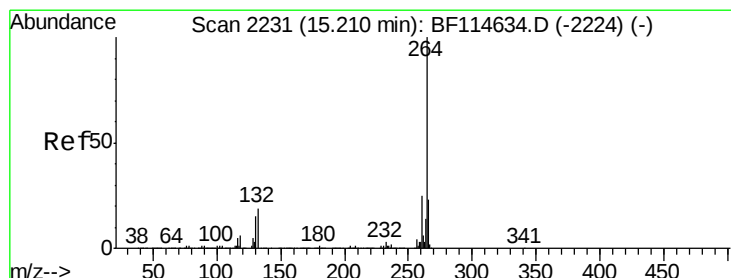
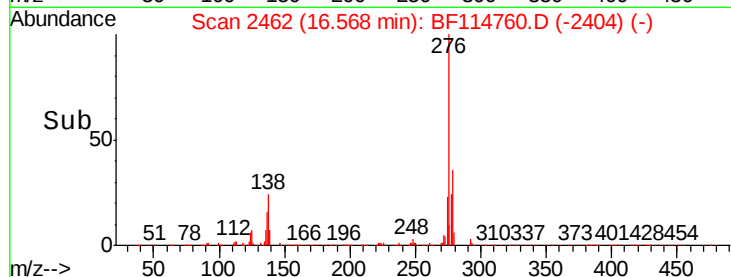
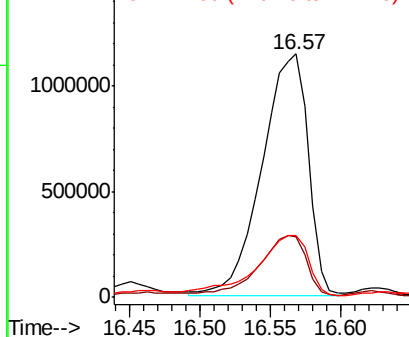


Abundance

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: 15.23 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

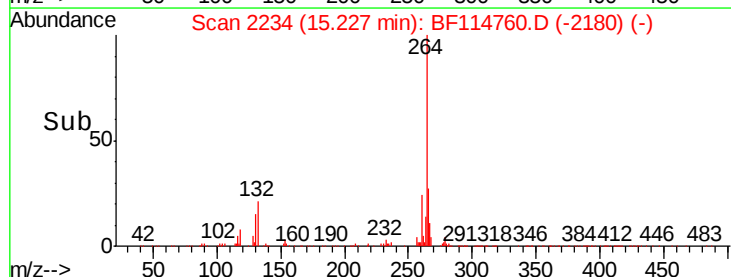
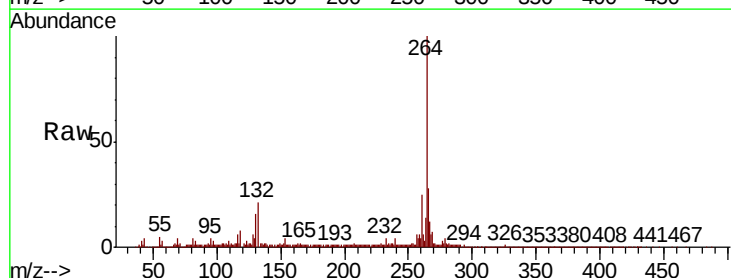
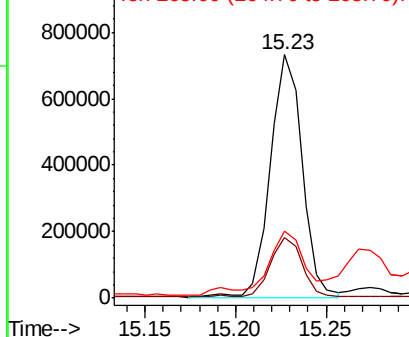
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	27.6	18.1	27.1#

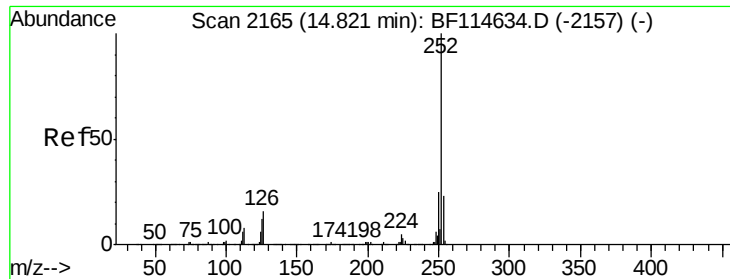
Abundance

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





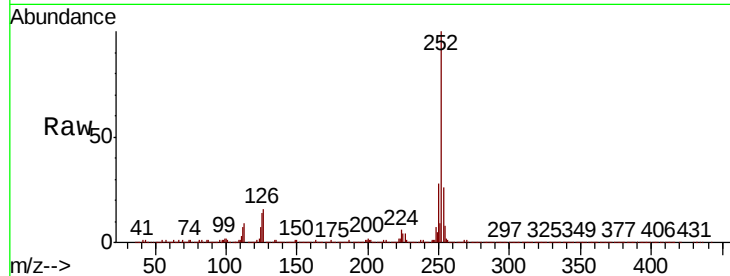
#88
Benzo(b)fluoranthene
Concen: 116.182 ng m
RT: 14.84 min Scan# 2169
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.7	28.1
125	13.7	9.4	14.2

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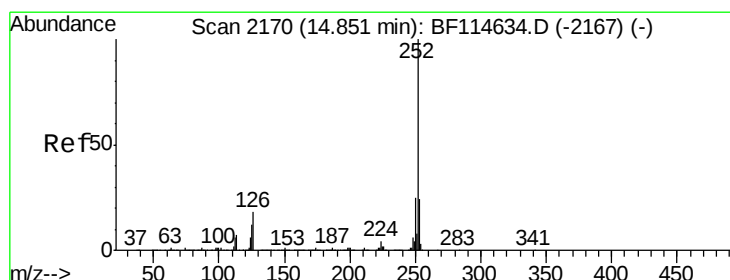
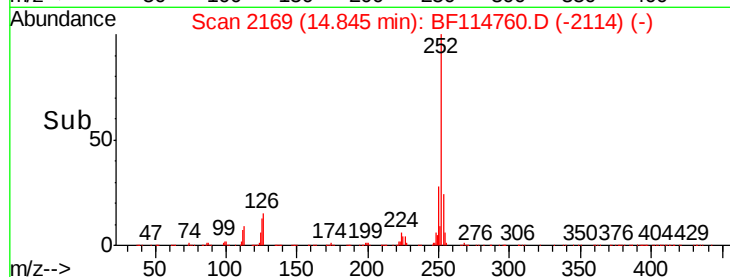
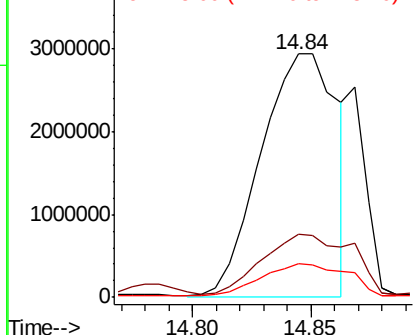


Abundance

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



#89
Benzo(k)fluoranthene
Concen: 27.159 ng m
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

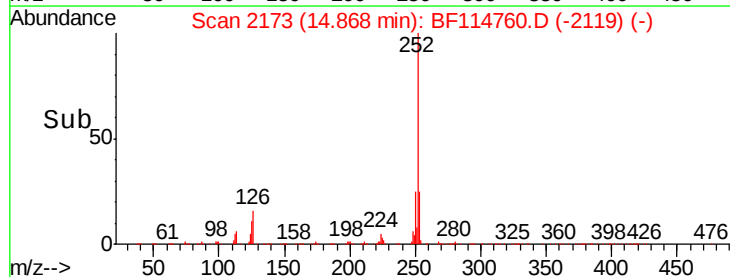
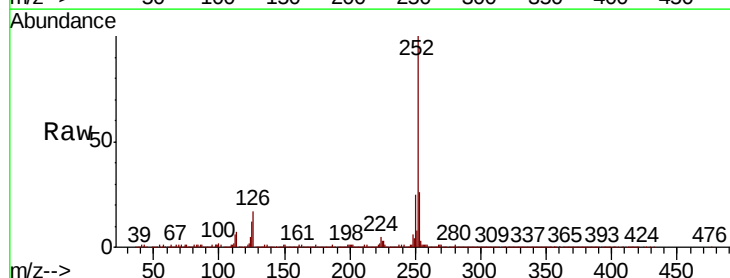
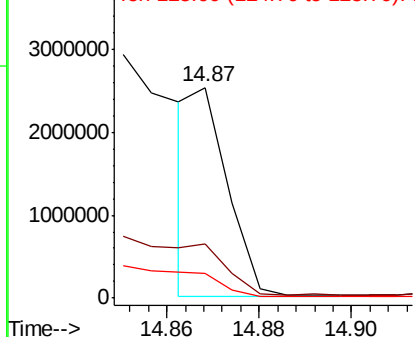
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	11.6	9.5	14.3

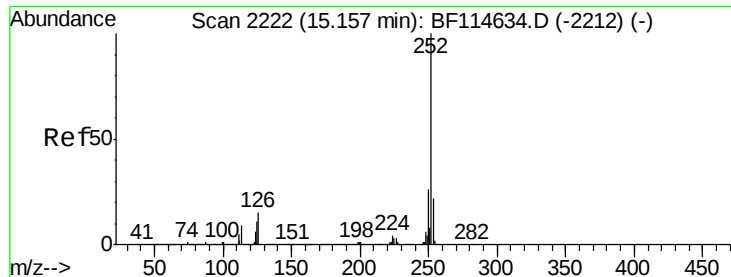
Abundance

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





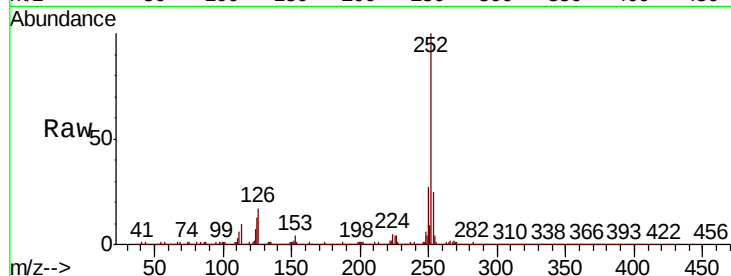
#90
Benzo(a)pyrene
Concen: 92.647 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.03 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	12.8	9.2	13.8

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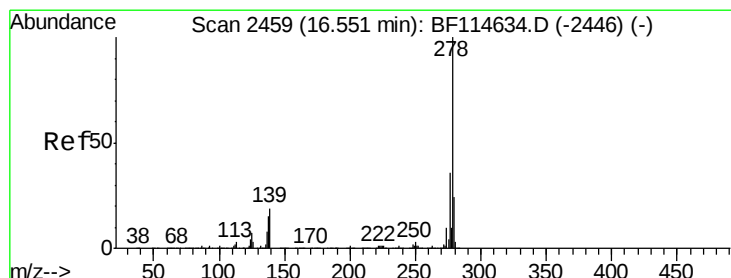
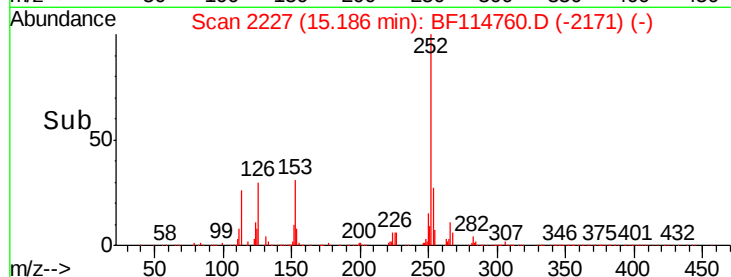
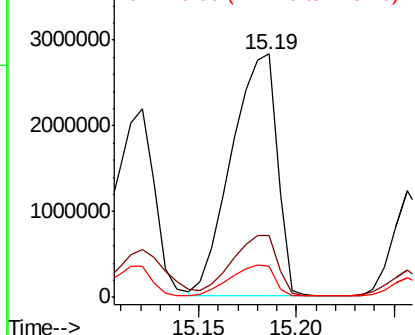


Abundance

Ion 252.00 (251.70 to 252.70): E

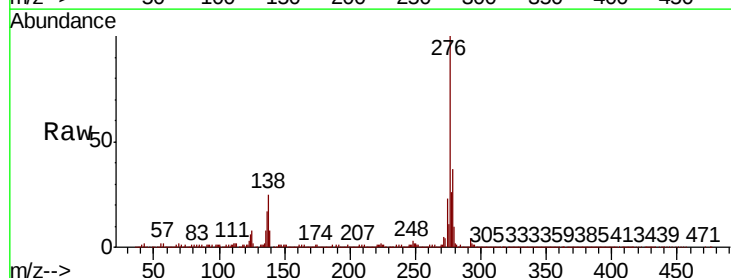
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 16.585 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.9	22.3
279	26.3	19.5	29.3

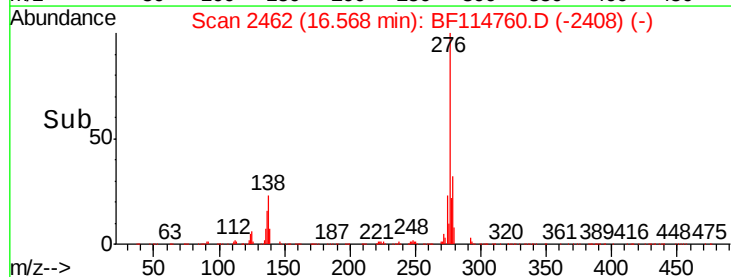
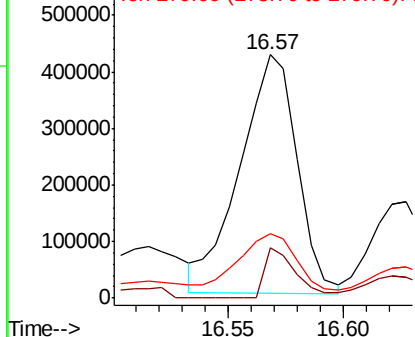


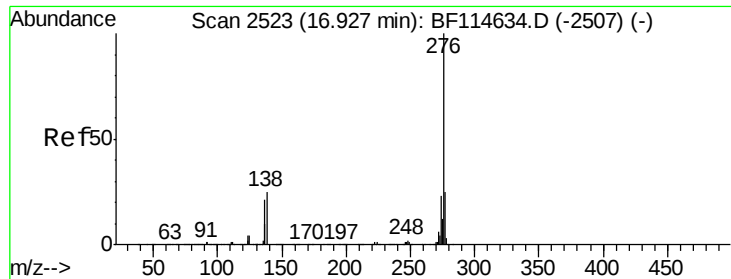
Abundance

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: 56.665 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.04 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	24.1	19.8	29.8

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