

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114171.D
 Acq On : 11 May 2019 23:34
 Operator : JU/SJ
 Sample : K2764-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0206-01

Quant Time: May 12 05:56:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	283454	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1060089	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	494244	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	869310	20.00	ng	0.00
76) Chrysene-d12	14.02	240	521440	20.00	ng	0.00
87) Perylene-d12	15.48	264	746510	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	2006006	113.89	ng	0.00
7) Phenol-d6	6.49	99	2680938	128.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	1673389	88.59	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	562034	109.99	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2304756	70.54	ng	0.00
79) Terphenyl-d14	12.95	244	1767164	69.86	ng	0.00

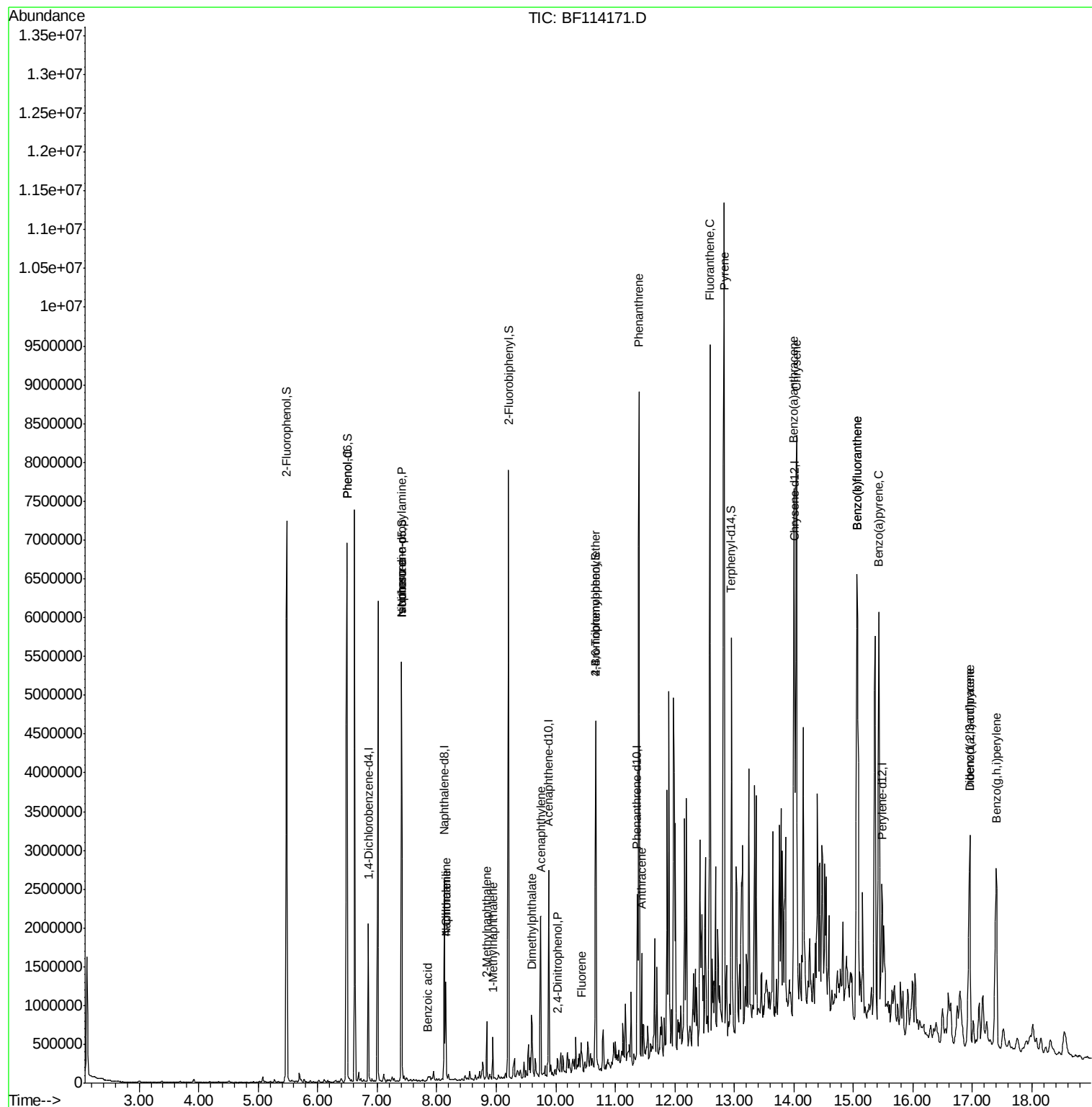
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	67830	2.768	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	223417	16.920	ng	# 77
25) Isophorone	7.41	82	1668596	47.630	ng	# 64
31) Naphthalene	8.15	128	504062	10.179	ng	98
32) Benzoic acid	7.85	122	14988	8.245	ng	92
33) 4-Chloroaniline	8.15	127	65952	2.923	ng	# 33
37) 2-Methylnaphthalene	8.84	142	193182	6.047	ng	95
38) 1-Methylnaphthalene	8.94	142	122309	4.065	ng	96
49) Acenaphthylene	9.75	152	928652	19.001	ng	98
50) Dimethylphthalate	9.59	163	254974	7.028	ng	99
54) 2,4-Dinitrophenol	10.03	184	111	6.770	ng	# 1
58) Fluorene	10.43	166	128323	3.778	ng	98
67) 4-Bromophenyl-phenylether	10.67	248	35942	3.755	ng	# 1
71) Phenanthrene	11.40	178	3450726	81.591	ng	98
72) Anthracene	11.44	178	546096	12.855	ng	97
75) Fluoranthene	12.59	202	4157921	91.294	ng	94
78) Pyrene	12.83	202	6391995	152.382	ng	94
81) Benzo(a)anthracene	14.00	228	2714223	80.478	ng	# 84
83) Chrysene	14.04	228	2994792	90.583	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	1989503	68.089	ng	97
88) Benzo(b)fluoranthene	15.06	252	4833345	101.062	ng	# 96
89) Benzo(k)fluoranthene	15.06	252	4833345	110.017	ng	# 97
90) Benzo(a)pyrene	15.43	252	2535221	60.233	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	553859	15.836	ng	96
92) Benzo(g,h,i)perylene	17.40	276	2186165	62.372	ng	99

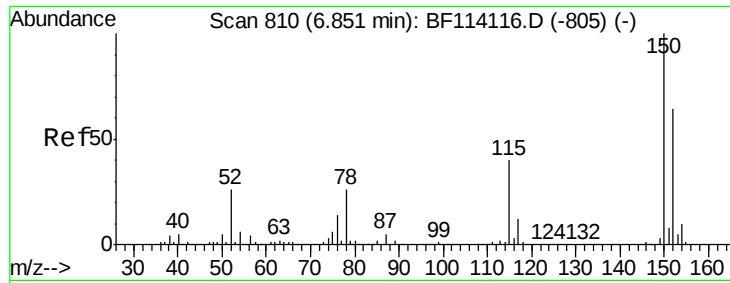
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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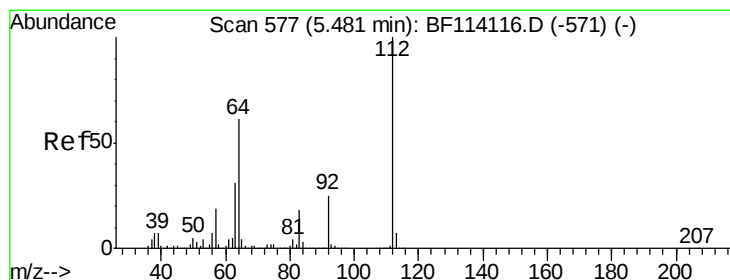
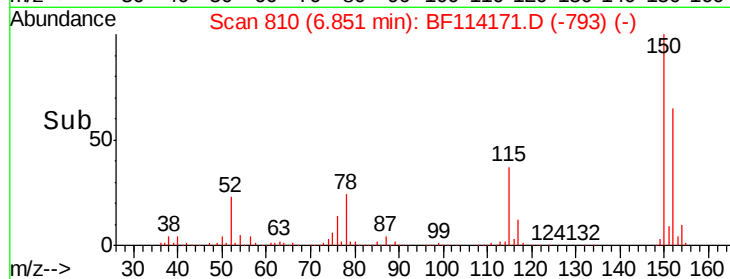
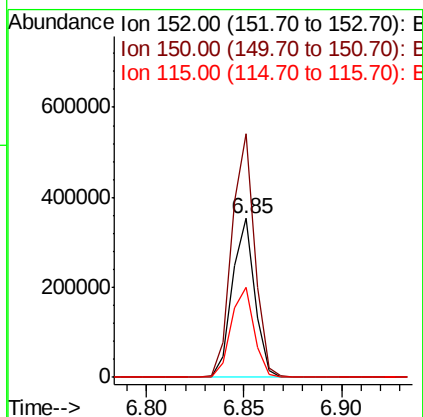
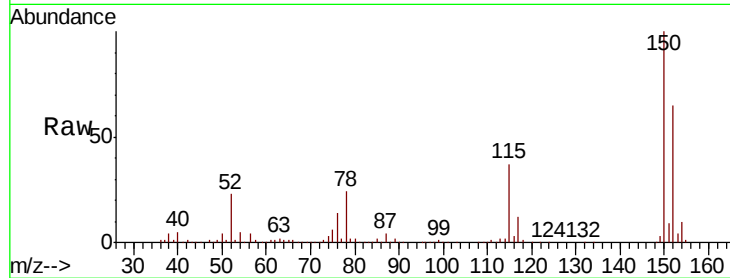




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

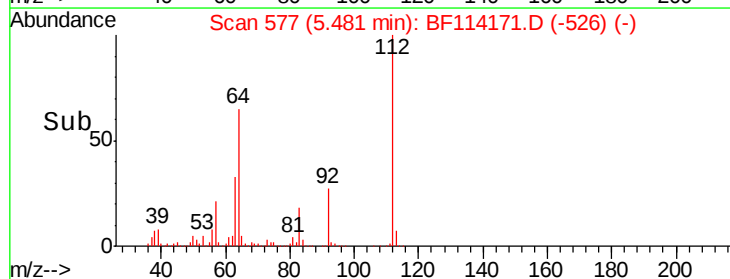
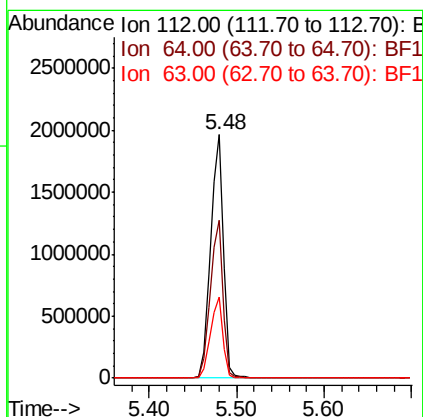
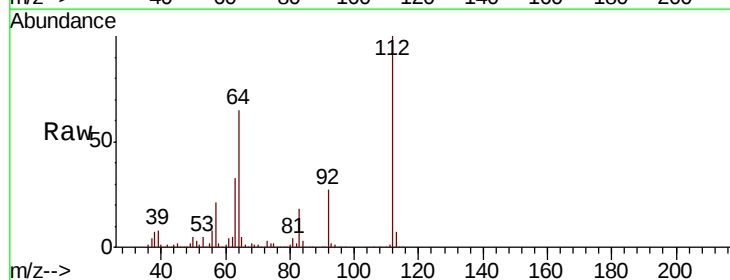
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0206-01

Tgt Ion:152 Resp: 283454
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.3 186.5
 115 56.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 113.888 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

Tgt Ion:112 Resp: 2006006
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.0 73.6
 63 33.1 24.6 37.0





#7

Phenol-d6

Concen: 128.690 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01

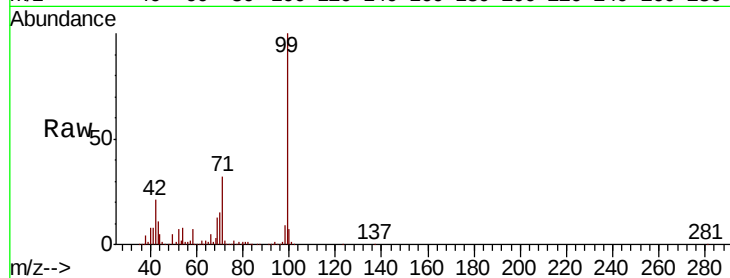
Tgt Ion: 99 Resp: 2680938

Ion Ratio Lower Upper

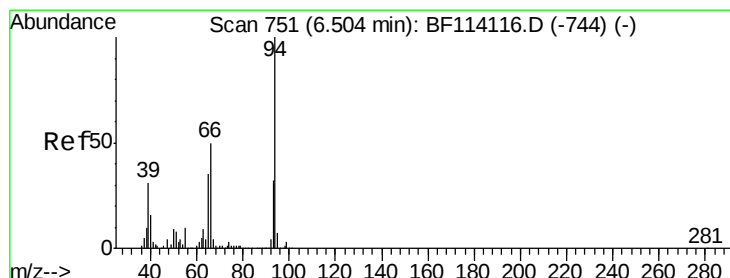
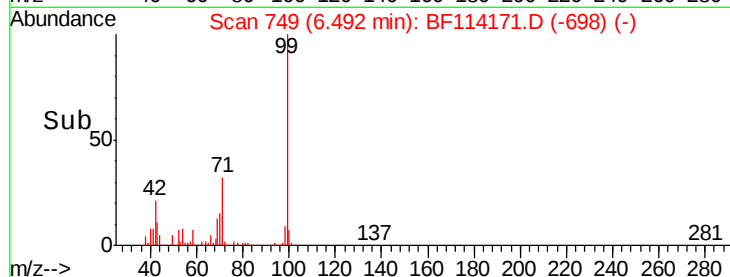
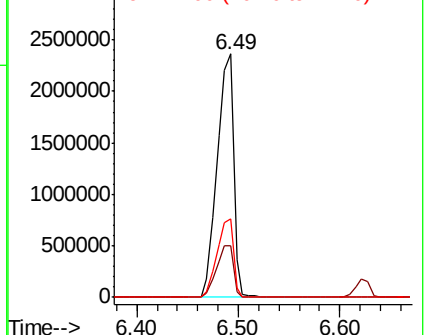
99 100

42 21.3 17.9 26.9

71 32.2 26.2 39.2



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



#10

Phenol

Concen: 2.768 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

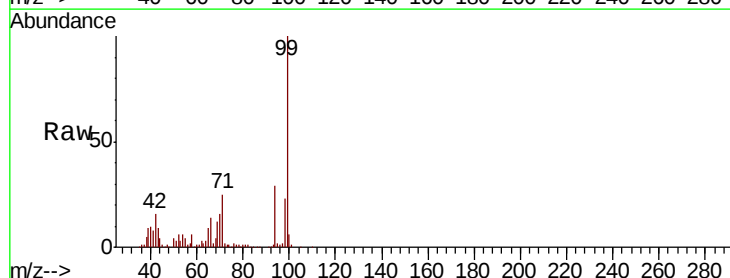
Tgt Ion: 94 Resp: 67830

Ion Ratio Lower Upper

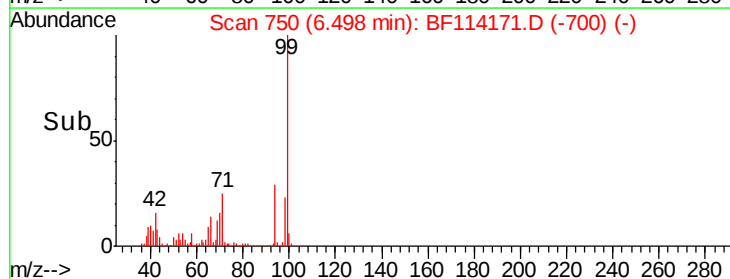
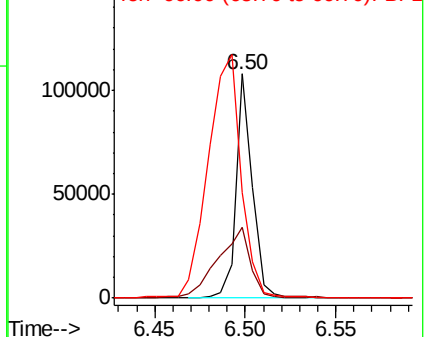
94 100

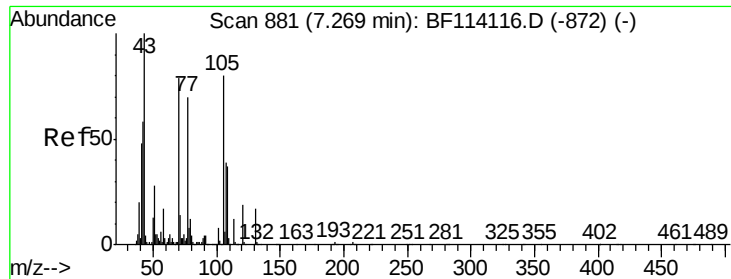
65 31.4 14.7 54.7

66 46.8 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

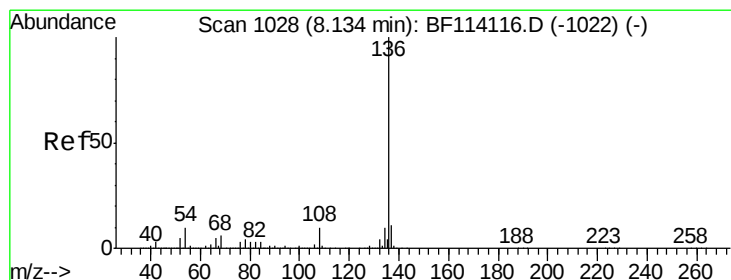
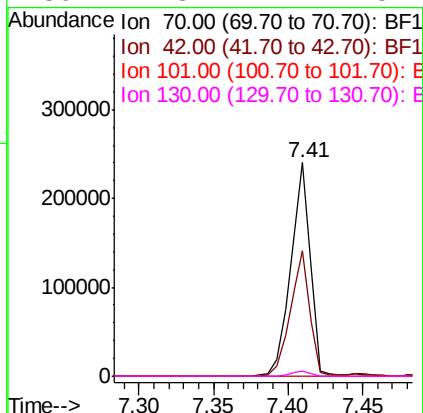
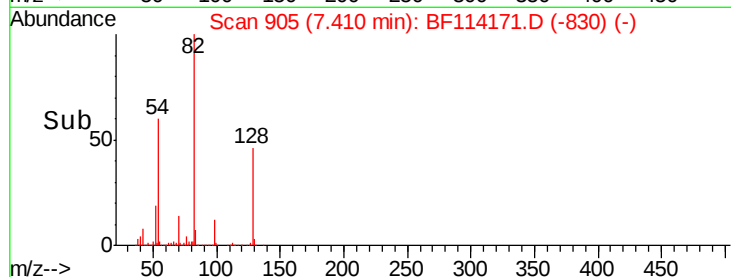
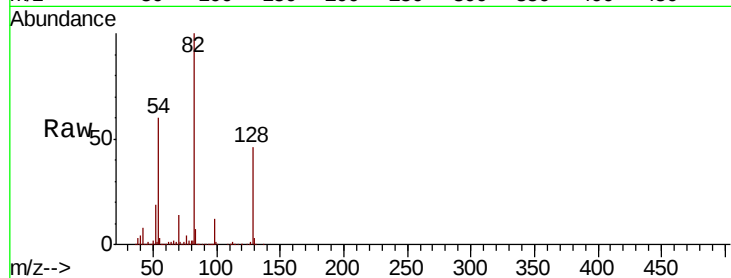




#19
n-Nitroso-di-n-propylamine
Concen: 16.920 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

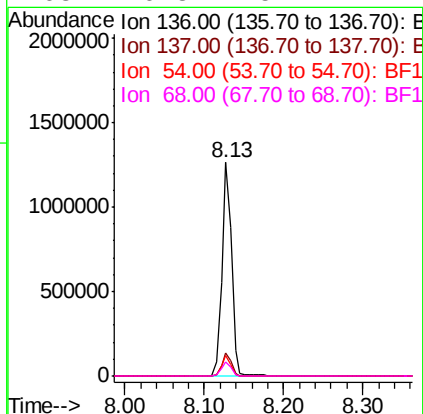
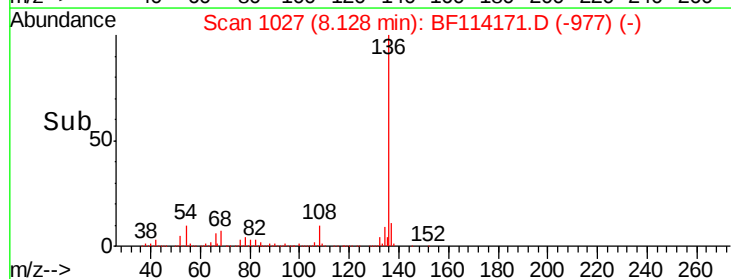
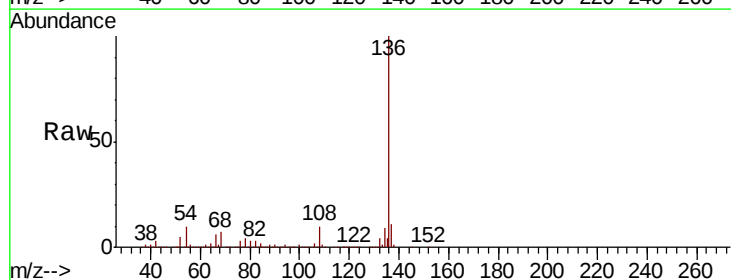
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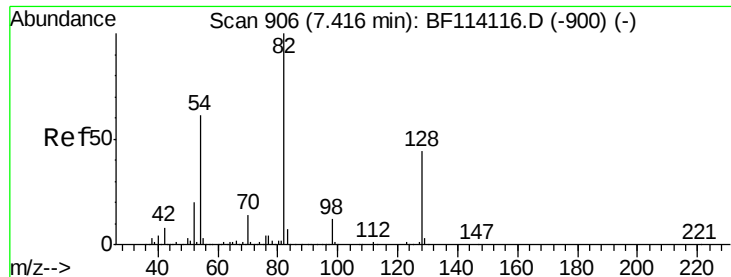
Tgt Ion: 70 Resp: 223417
Ion Ratio Lower Upper
70 100
42 58.7 58.6 87.8
101 0.0 7.8 11.8#
130 2.3 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion: 136 Resp: 1060089
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 7.8 11.8
68 6.8 5.1 7.7

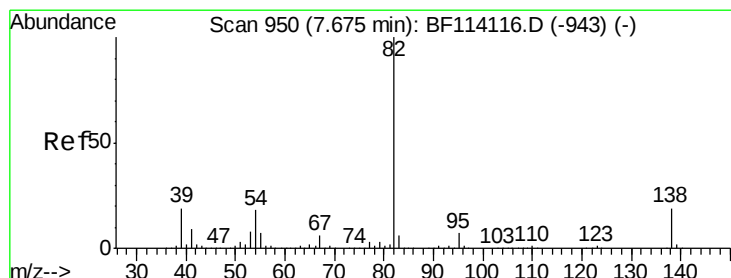
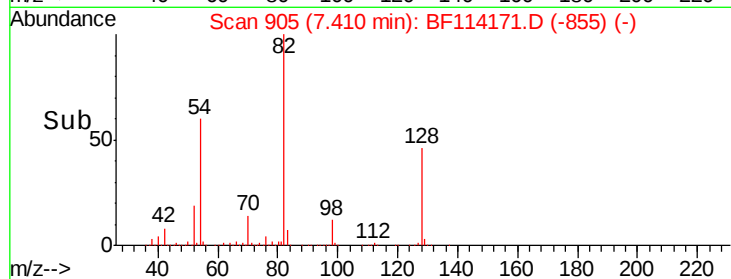
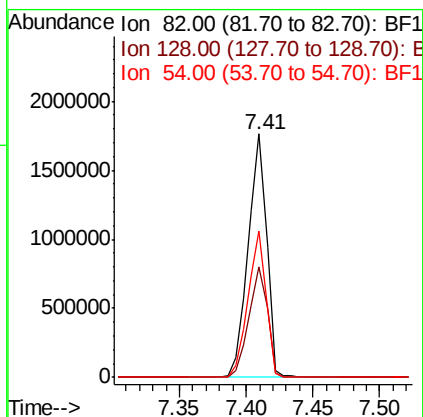
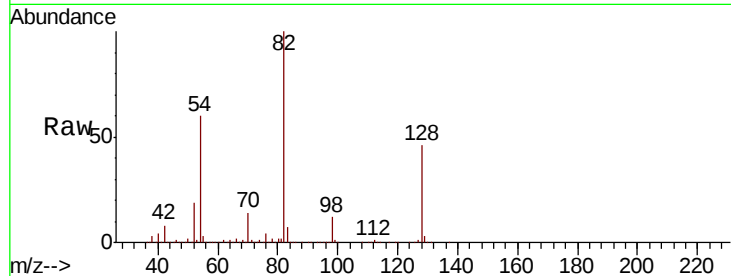




#23
 Nitrobenzene-d5
 Concen: 88.588 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

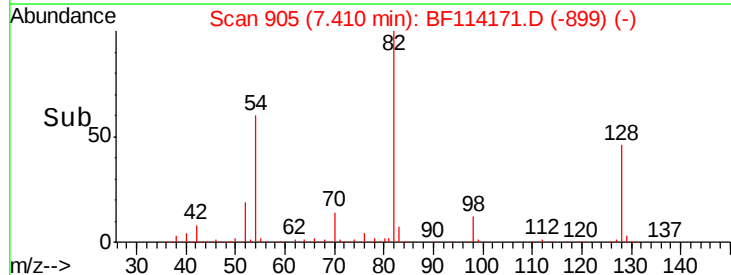
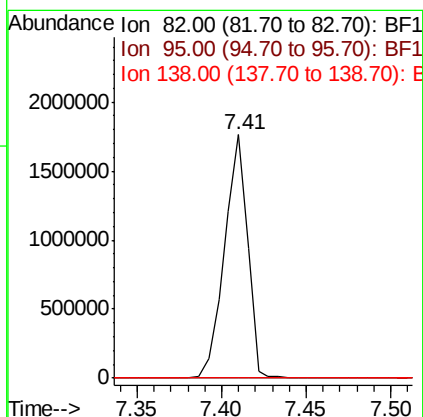
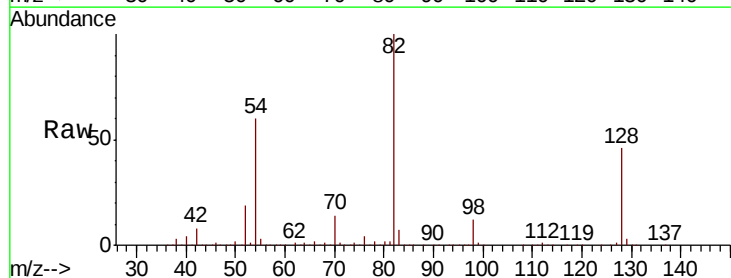
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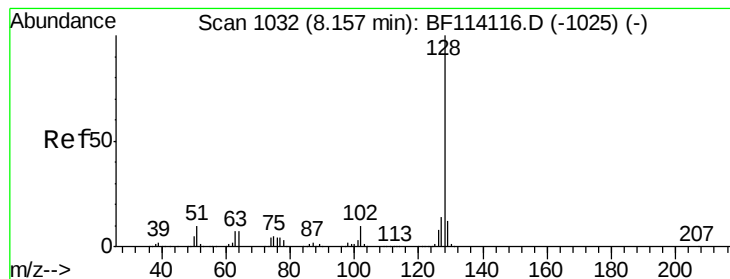
Tgt Ion: 82 Resp: 1673389
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.5 53.3
 54 59.9 48.5 72.7



#25
 Isophorone
 Concen: 47.630 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

Tgt Ion: 82 Resp: 1668596
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.8 22.2#





#31

Naphthalene

Concen: 10.179 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01

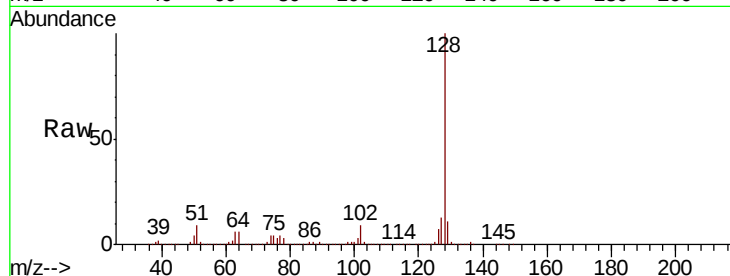
Tgt Ion:128 Resp: 504062

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

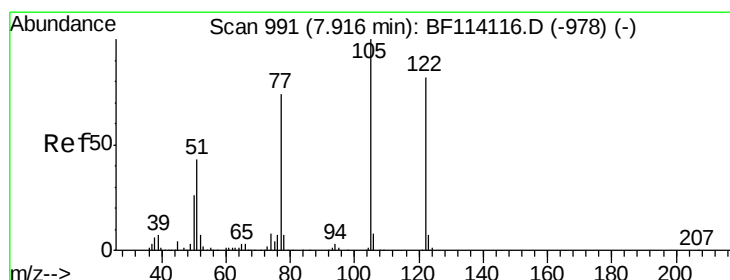
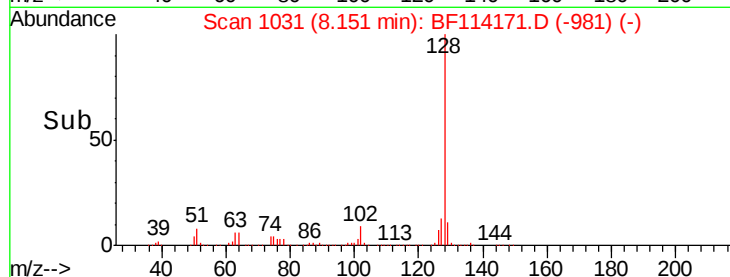
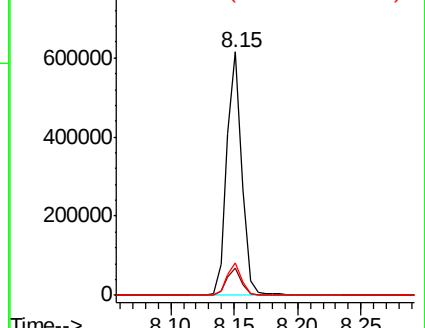
127 13.3 11.3 16.9



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



#32

Benzoic acid

Concen: 8.245 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.07 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

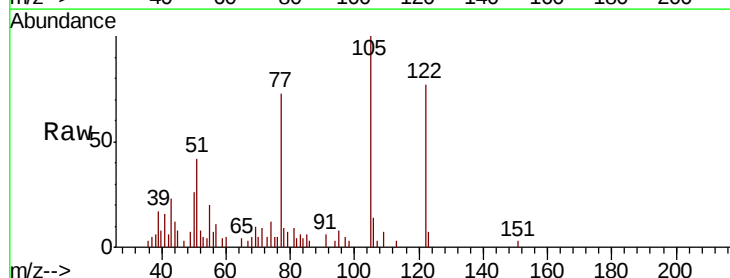
Tgt Ion:122 Resp: 14988

Ion Ratio Lower Upper

122 100

105 130.3 99.9 139.9

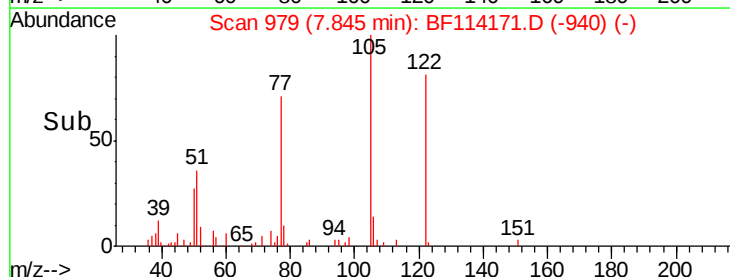
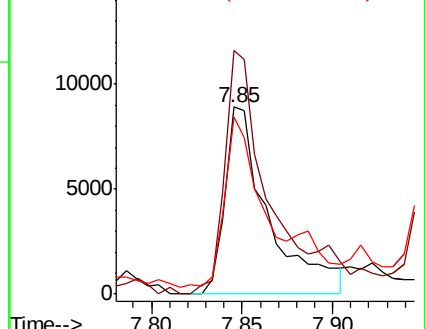
77 94.7 69.4 109.4

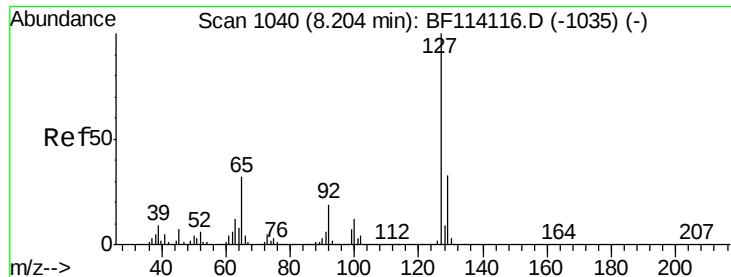


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

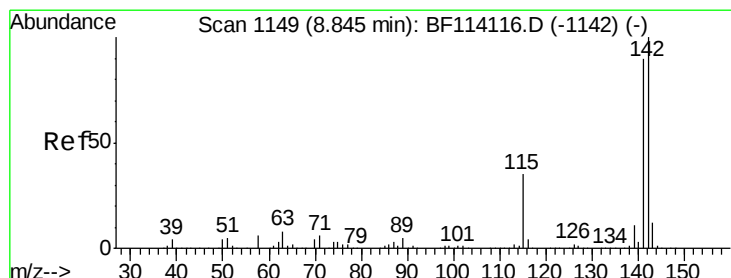
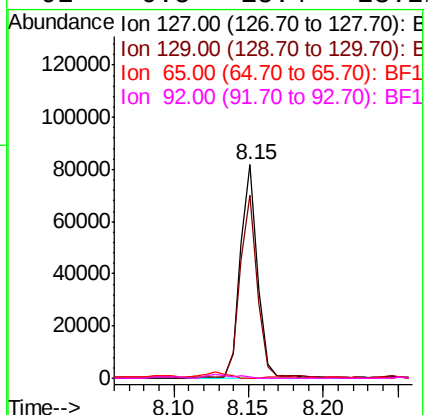
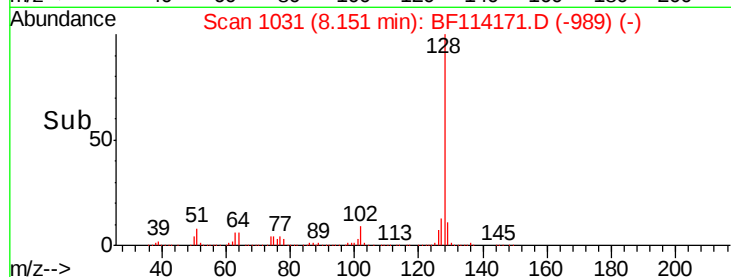
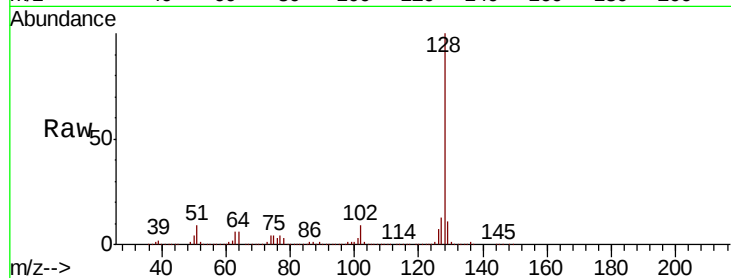




#33
4-Chloroaniline
Concen: 2.923 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

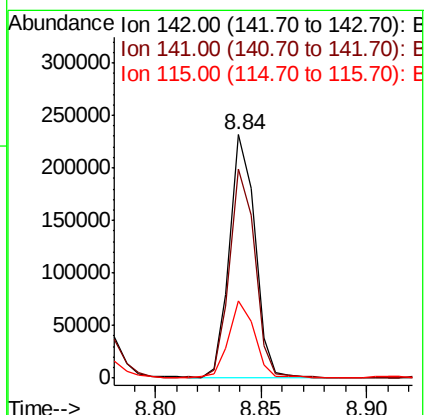
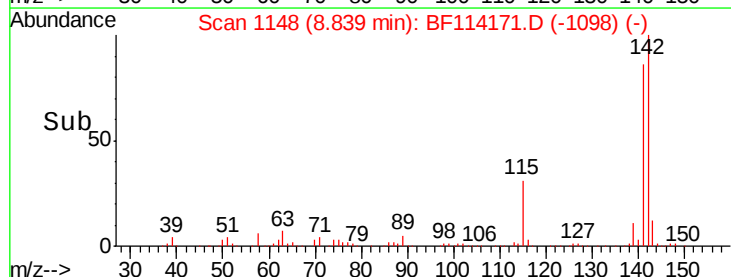
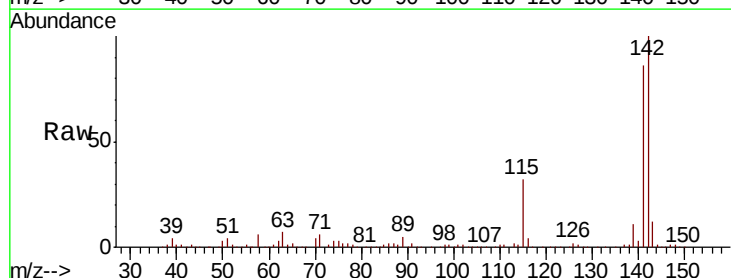
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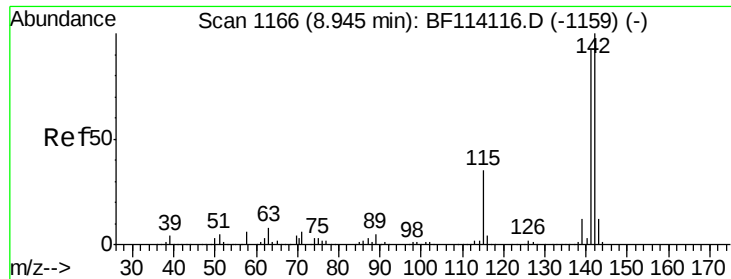
Tgt Ion:127 Resp: 65952
Ion Ratio Lower Upper
127 100
129 85.8 26.7 40.1#
65 0.0 25.4 38.0#
92 0.5 15.4 23.2#



#37
2-Methylnaphthalene
Concen: 6.047 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:142 Resp: 193182
Ion Ratio Lower Upper
142 100
141 86.0 72.1 108.1
115 31.6 28.0 42.0

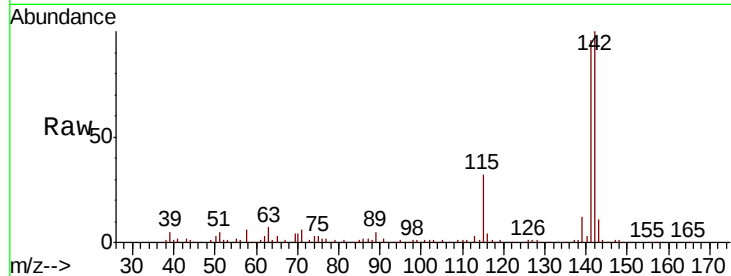




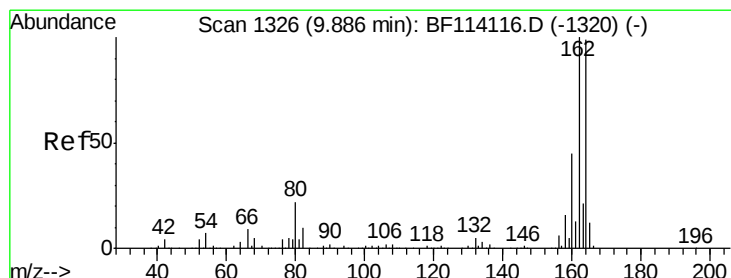
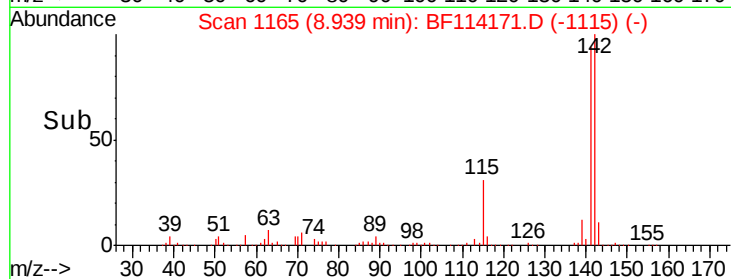
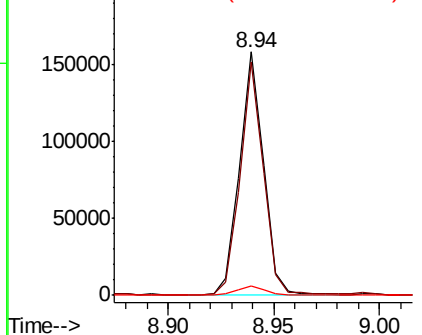
#38
1-Methylnaphthalene
Concen: 4.065 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0206-01

Tgt Ion:142 Resp: 122309
Ion Ratio Lower Upper
142 100
141 95.8 73.4 110.0
116 3.9 3.1 4.7

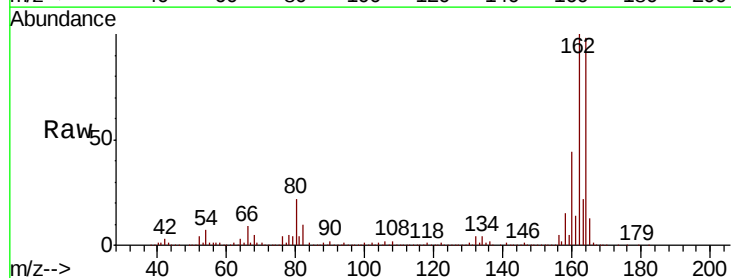


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

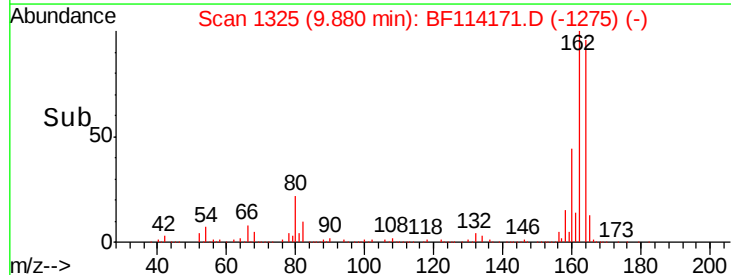
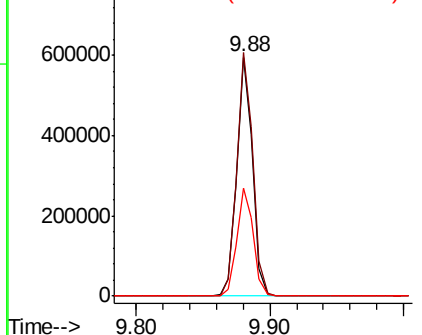


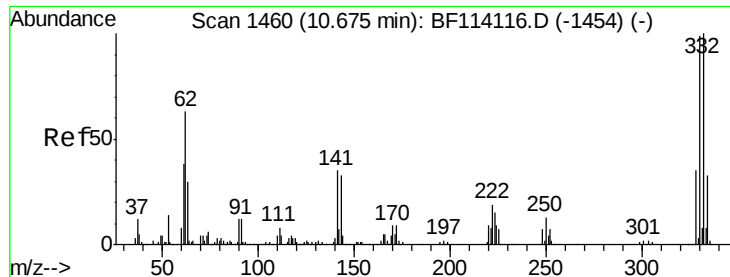
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:164 Resp: 494244
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.2 36.5 54.7



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

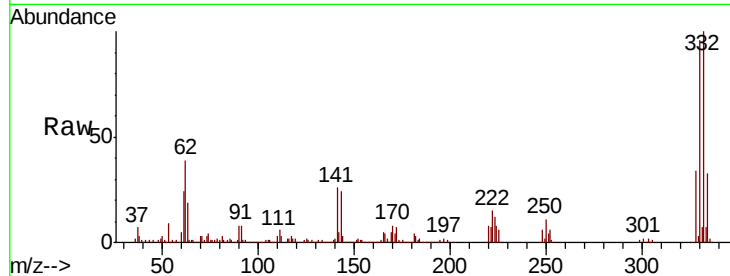




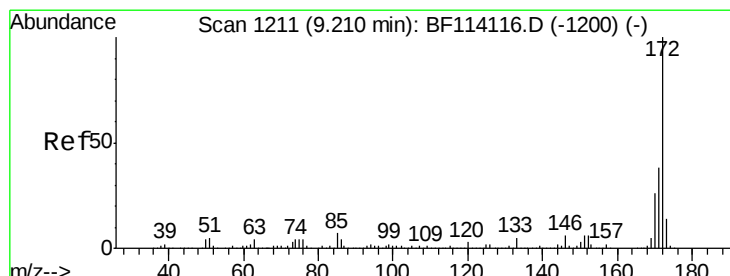
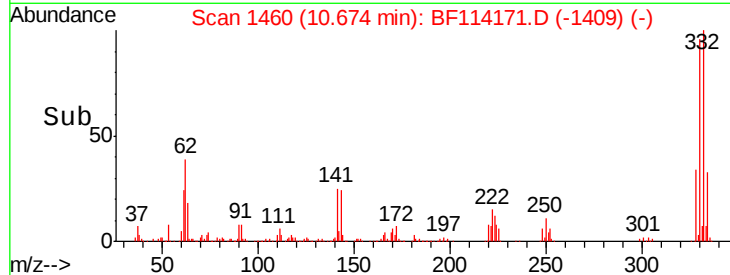
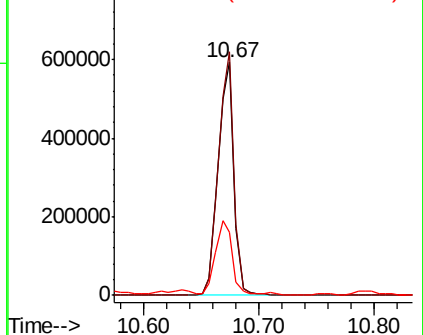
#42
 2,4,6-Tribromophenol
 Concen: 109.995 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0206-01

Tgt Ion:330 Resp: 562034
 Ion Ratio Lower Upper
 330 100
 332 102.7 81.4 122.2
 141 32.4 26.6 40.0

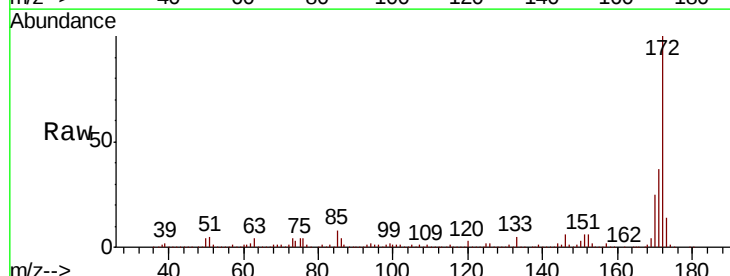


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

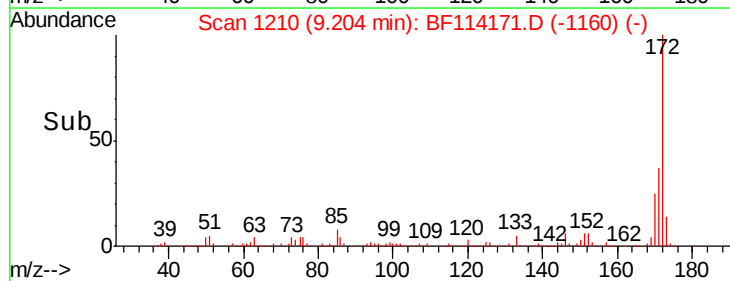
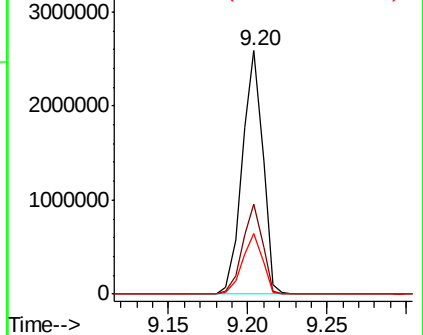


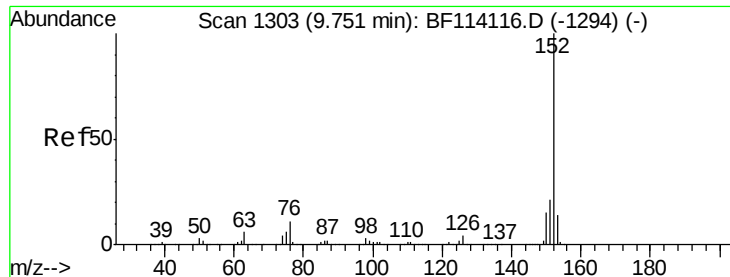
#45
 2-Fluorobiphenyl
 Concen: 70.539 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

Tgt Ion:172 Resp: 2304756
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.7 46.1
 170 25.1 20.5 30.7



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: 19.001 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01

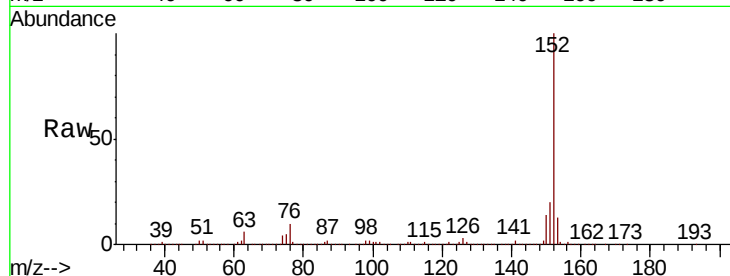
Tgt Ion:152 Resp: 928652

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

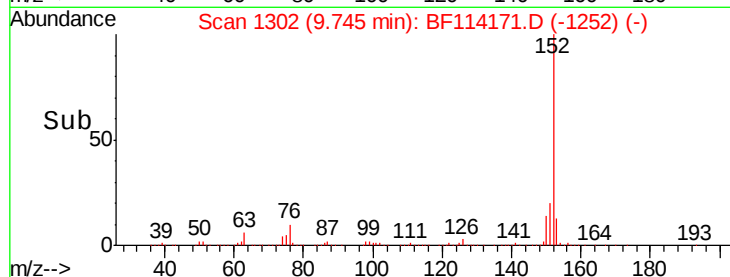
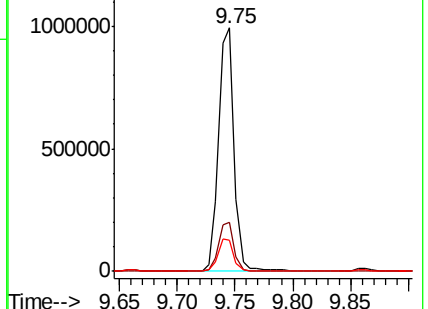
153 12.9 11.4 17.2



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: 7.028 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

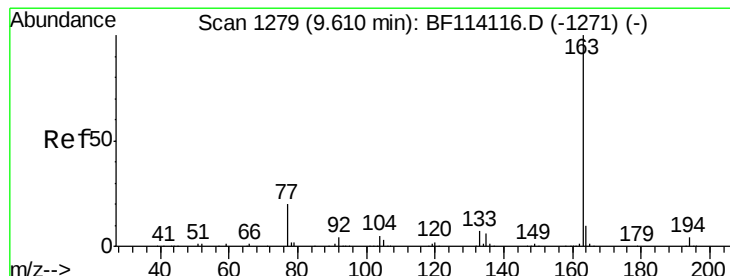
Tgt Ion:163 Resp: 254974

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

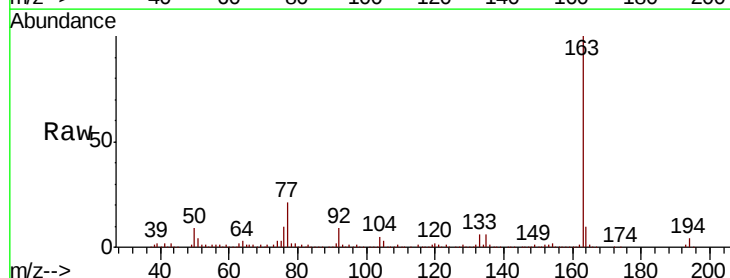
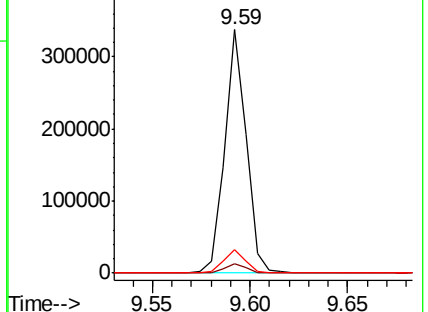
164 9.7 8.2 12.2

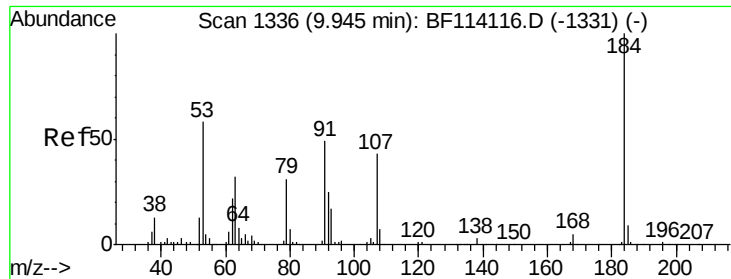


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

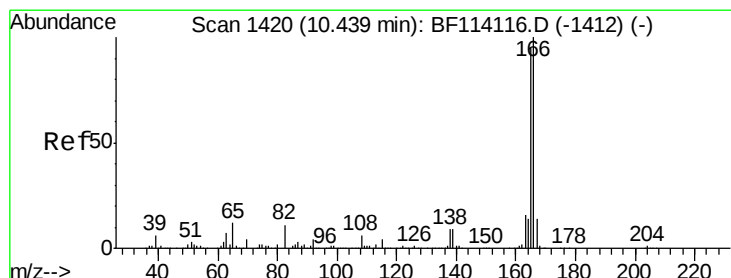
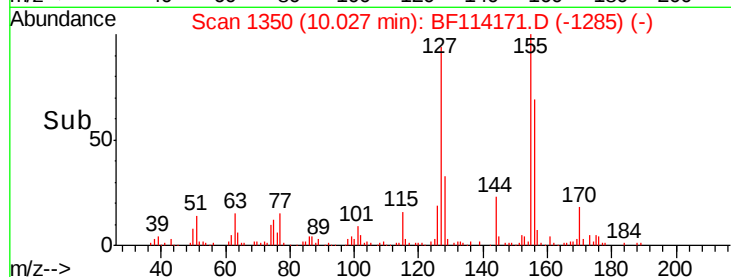
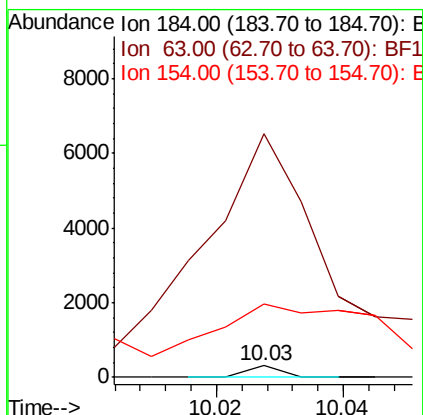
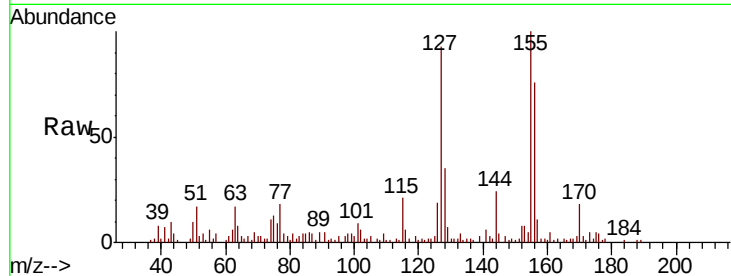




#54
2,4-Dinitrophenol
Concen: 6.770 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.08 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

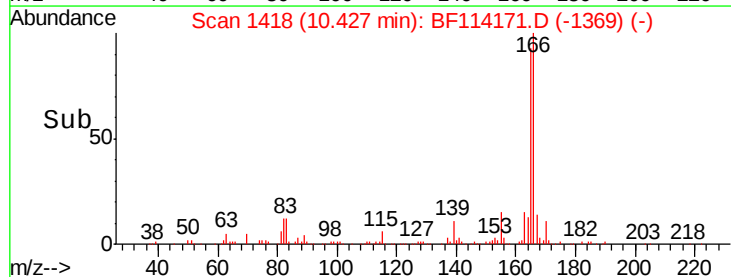
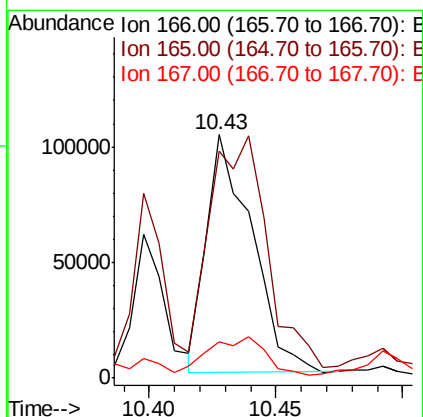
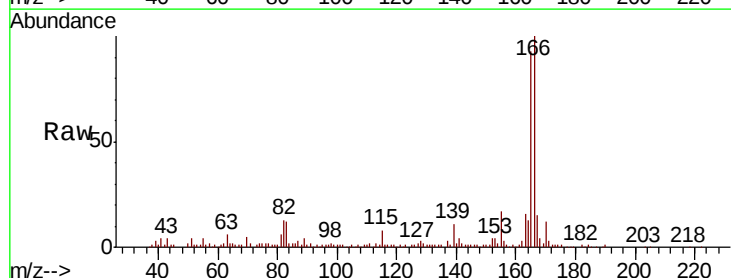
Instrument :
BNA_F
ClientSampleId :
P026-SS002-0206-01

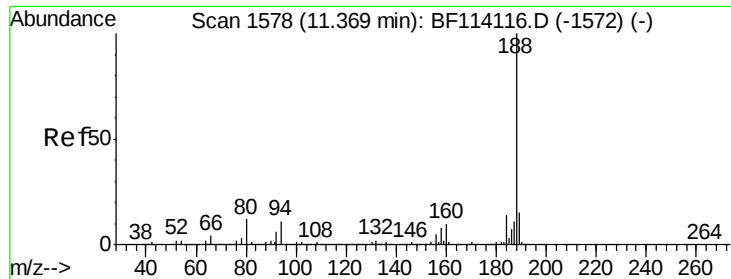
Tgt Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
63 2071.1 55.6 83.4#
154 627.3 46.0 69.0#



#58
Fluorene
Concen: 3.778 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:166 Resp: 128323
Ion Ratio Lower Upper
166 100
165 93.2 76.1 114.1
167 15.1 11.1 16.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01

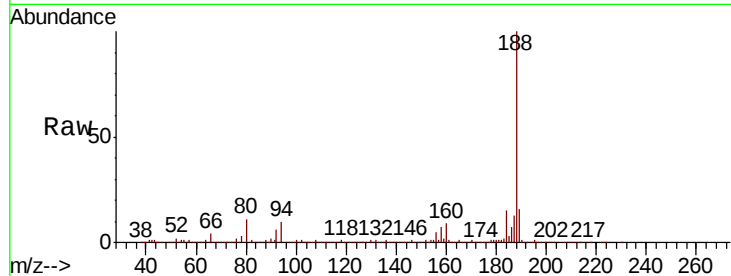
Tgt Ion:188 Resp: 869310

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

80 10.6 9.2 13.8



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

1200000

1000000

800000

600000

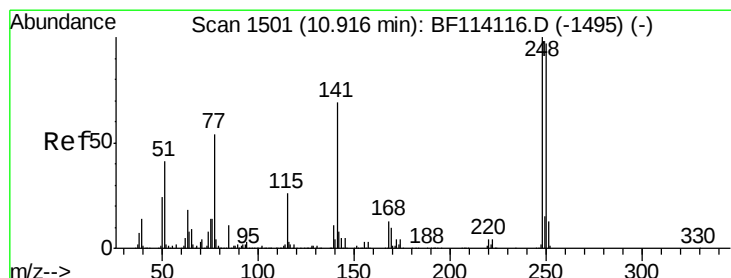
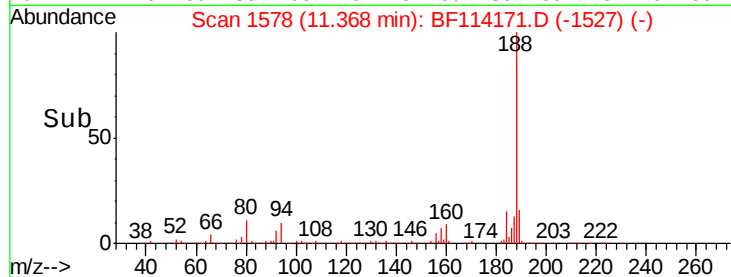
400000

200000

0

11.30 11.35 11.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.755 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

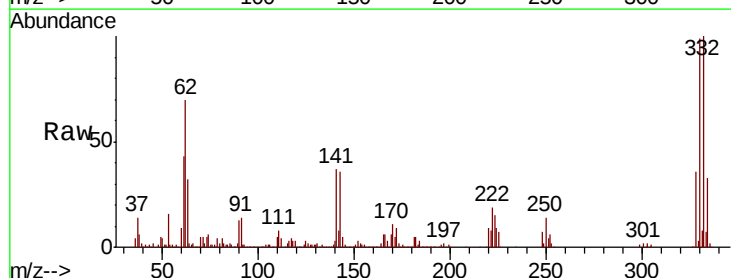
Tgt Ion:248 Resp: 35942

Ion Ratio Lower Upper

248 100

250 193.9 77.4 116.2#

141 525.5 55.6 83.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

150000

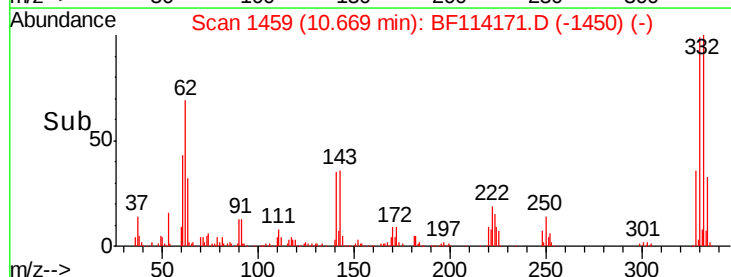
100000

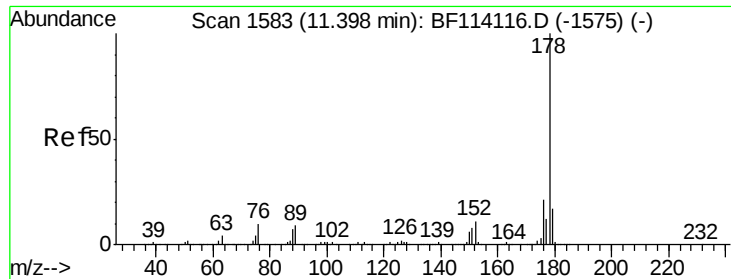
50000

0

10.65 10.67 10.70

Time-->

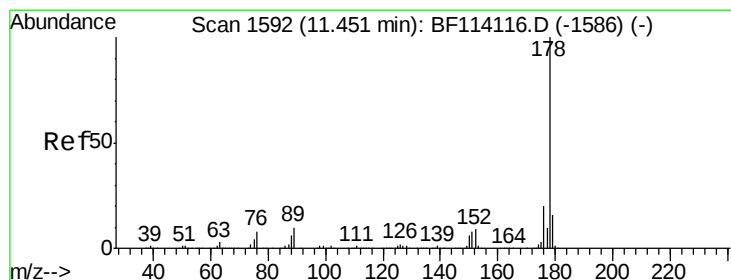
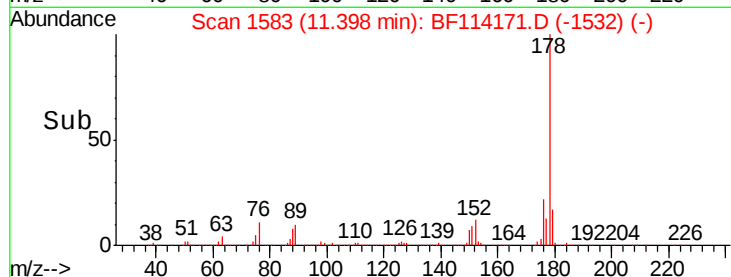
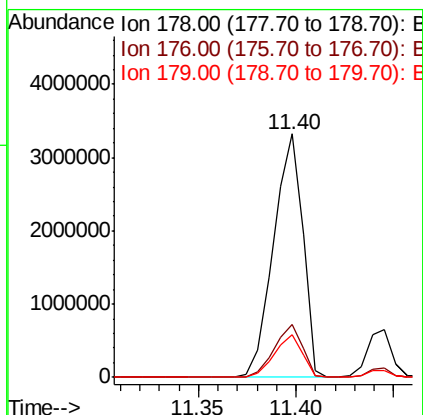
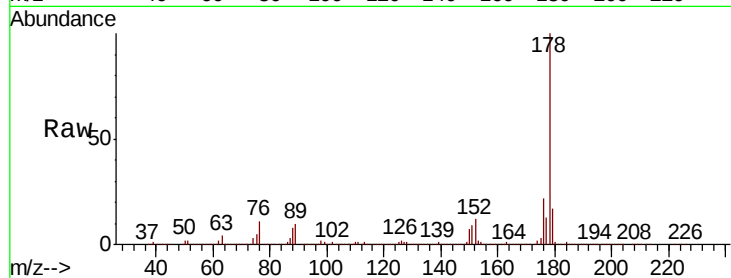




#71
Phenanthrene
Concen: 81.591 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

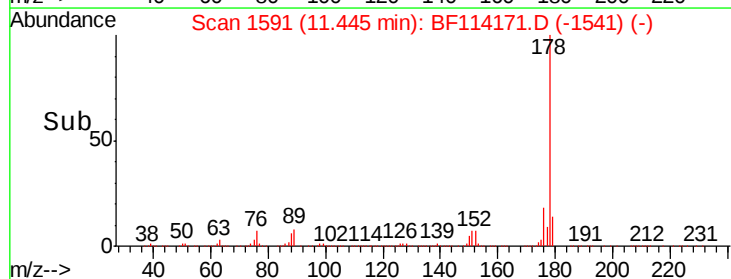
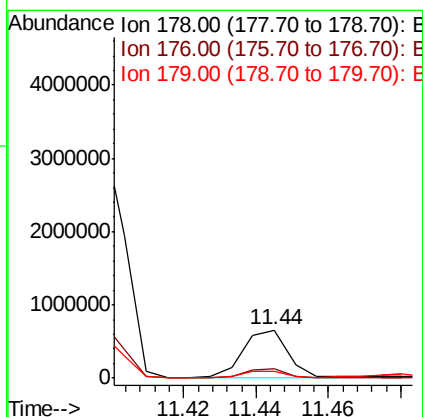
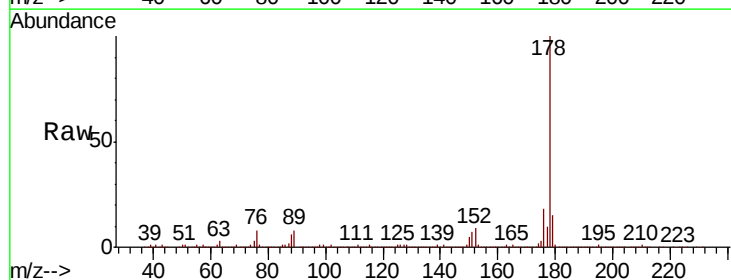
Instrument :
BNA_F
ClientSampleId :
P026-SS002-0206-01

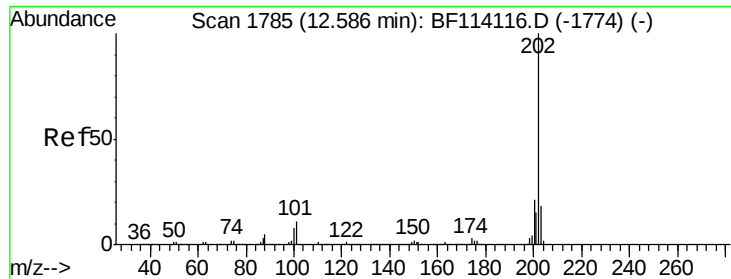
Tgt Ion:178 Resp: 3450726
Ion Ratio Lower Upper
178 100
176 21.7 16.4 24.6
179 17.3 13.2 19.8



#72
Anthracene
Concen: 12.855 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:178 Resp: 546096
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.8
179 15.3 13.0 19.4





#75

Fluoranthene

Concen: 91.294 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01

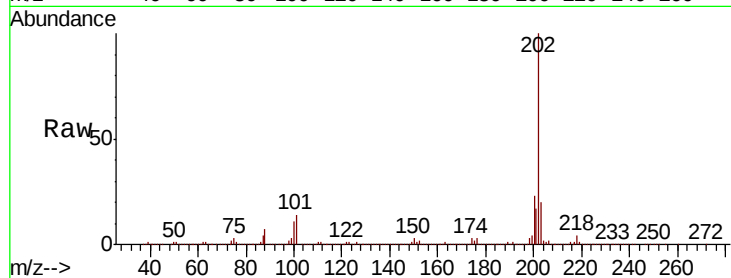
Tgt Ion:202 Resp: 4157921

Ion Ratio Lower Upper

202 100

101 14.2 0.0 31.0

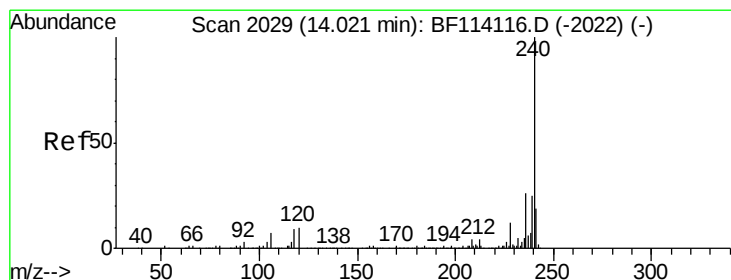
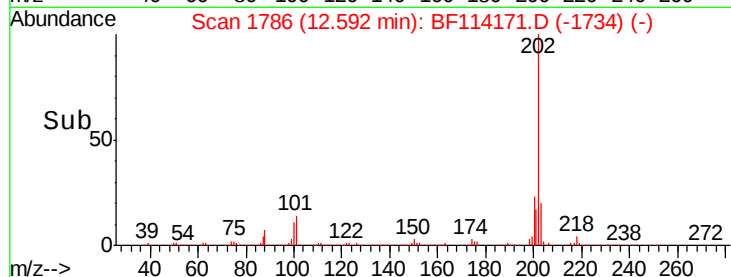
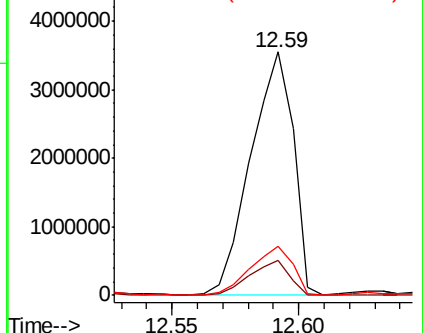
203 20.2 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

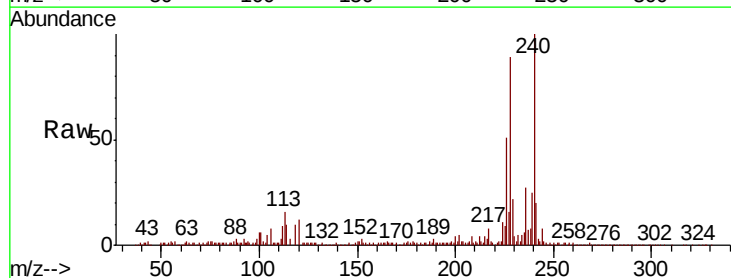
Tgt Ion:240 Resp: 521440

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

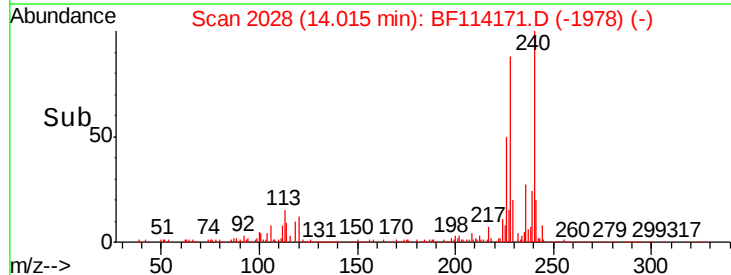
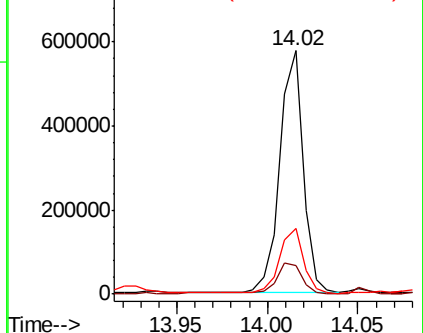
236 27.1 20.8 31.2

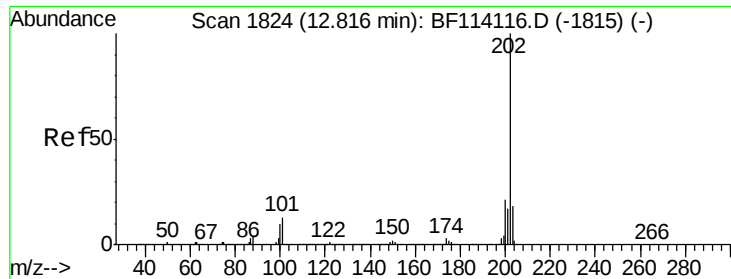


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

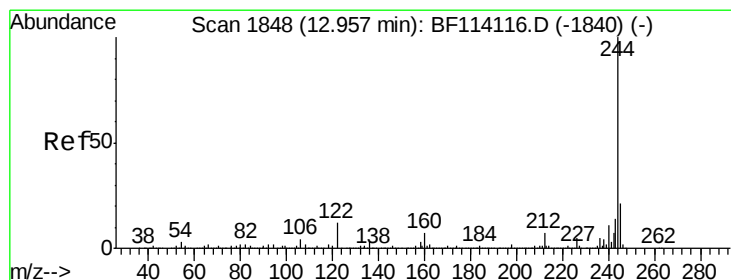
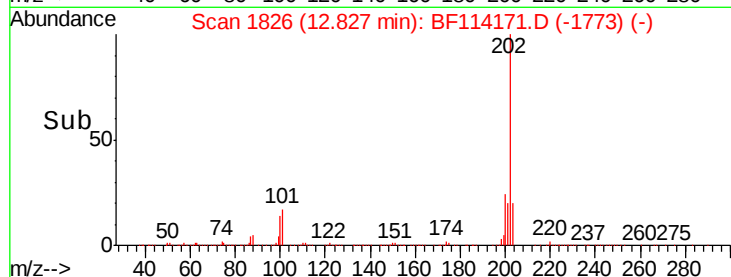
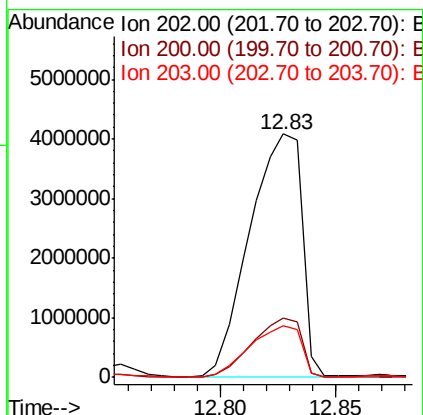
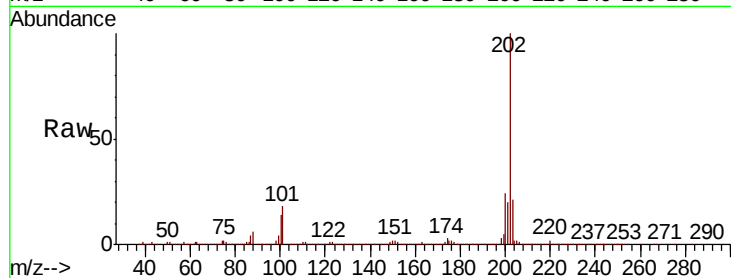




#78
Pyrene
Concen: 152.382 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

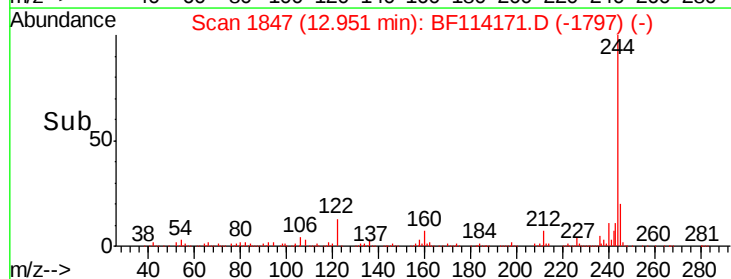
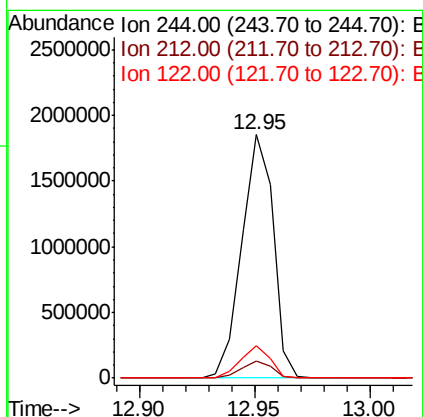
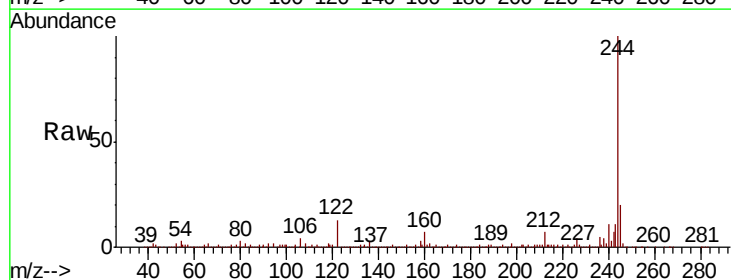
Instrument :
BNA_F
ClientSampleId :
P026-SS002-0206-01

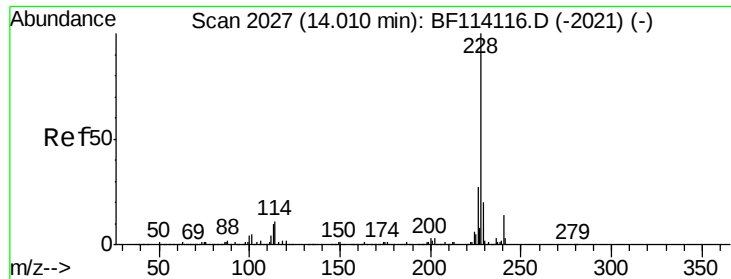
Tgt Ion:202 Resp: 6391995
Ion Ratio Lower Upper
202 100
200 24.2 16.9 25.3
203 21.0 14.5 21.7



#79
Terphenyl-d14
Concen: 69.862 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:244 Resp: 1767164
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 13.1 9.4 14.2

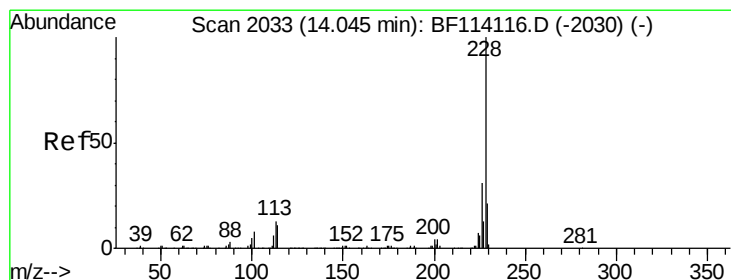
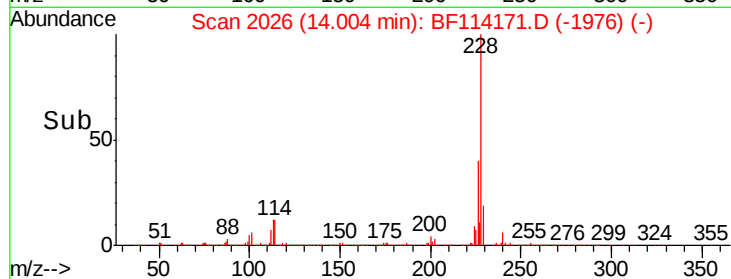
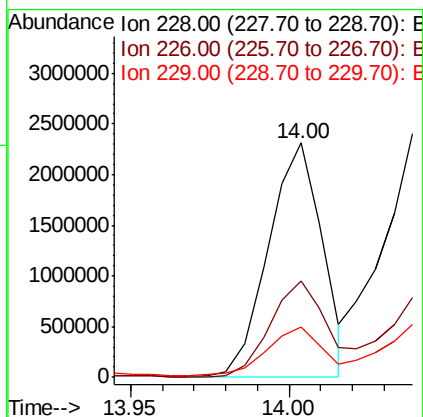
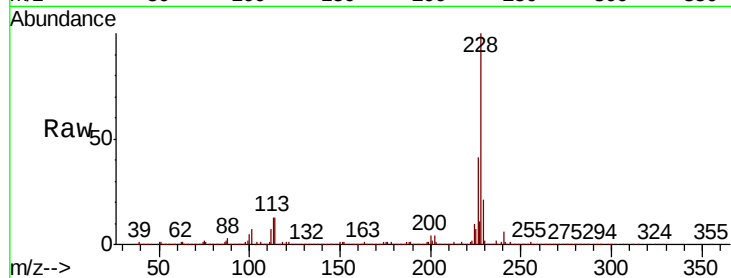




#81
Benzo(a)anthracene
Concen: 80.478 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

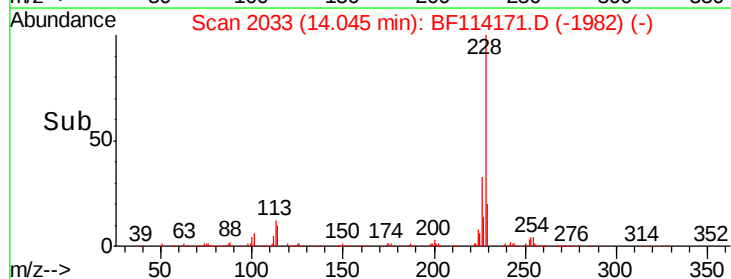
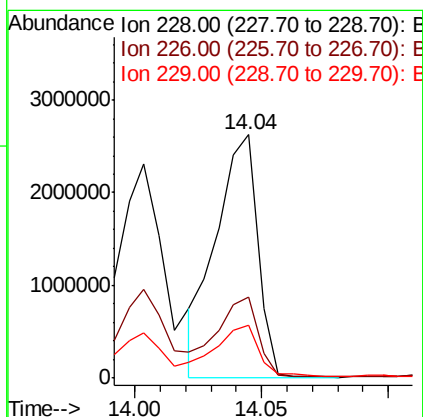
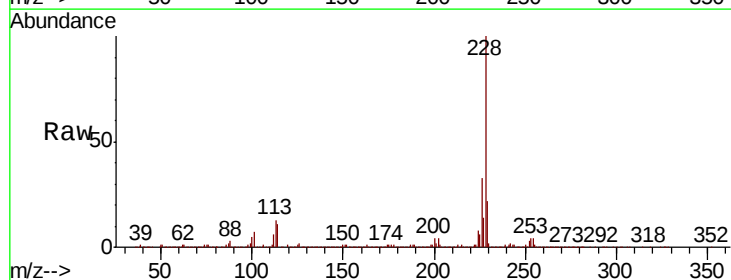
Instrument :
BNA_F
ClientSampleId :
P026-SS002-0206-01

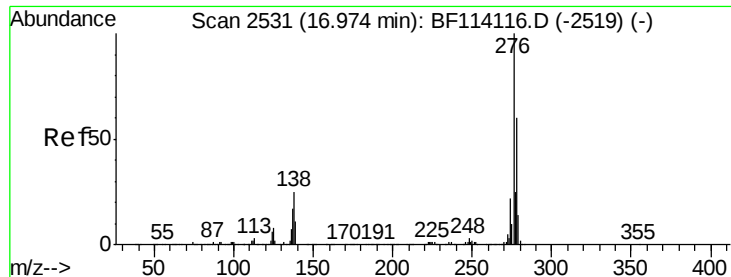
Tgt Ion:228 Resp: 2714223
Ion Ratio Lower Upper
228 100
226 41.2 22.2 33.2#
229 21.3 16.4 24.6



#83
Chrysene
Concen: 90.583 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:228 Resp: 2994792
Ion Ratio Lower Upper
228 100
226 33.5 25.0 37.6
229 21.8 17.0 25.6

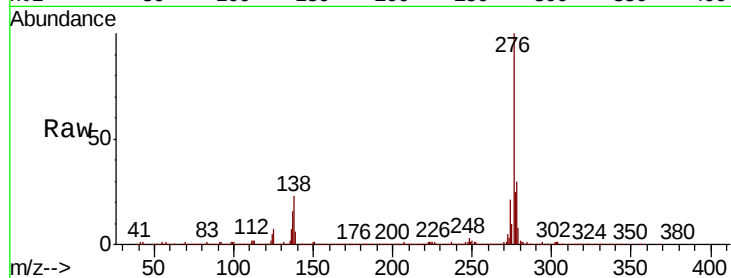




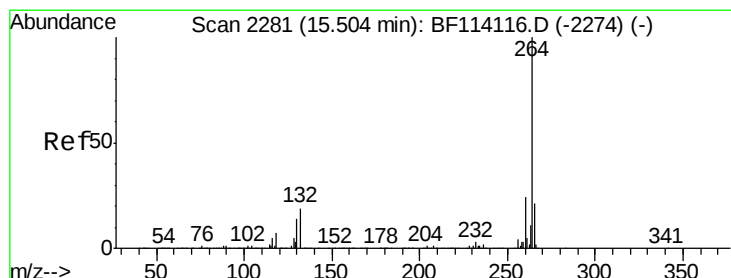
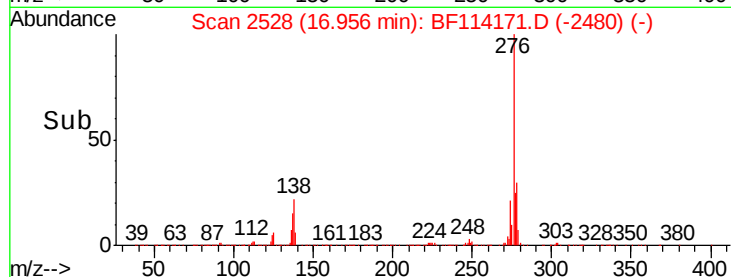
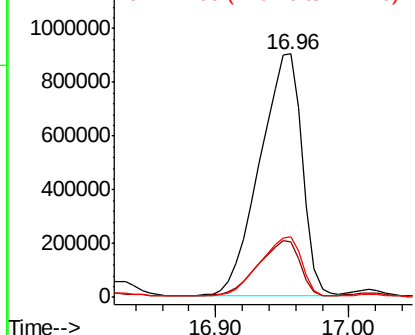
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 68.089 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0206-01

Tgt Ion: 276 Resp: 1989503
 Ion Ratio Lower Upper
 276 100
 138 22.8 20.2 30.2
 277 24.5 20.0 30.0

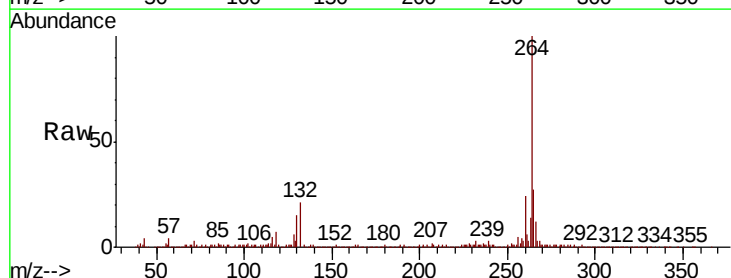


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

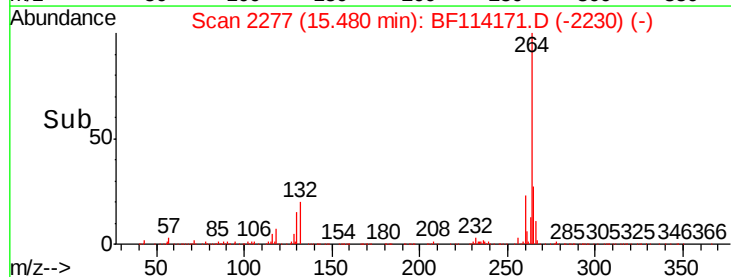
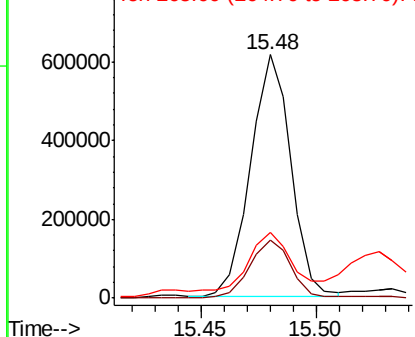


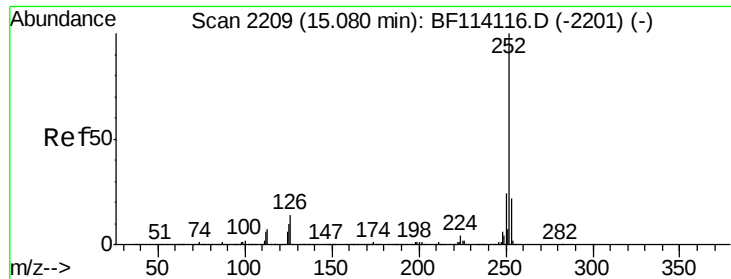
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF114171.D
 Acq: 11 May 2019 23:34

Tgt Ion: 264 Resp: 746510
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 27.2 16.9 25.3#



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

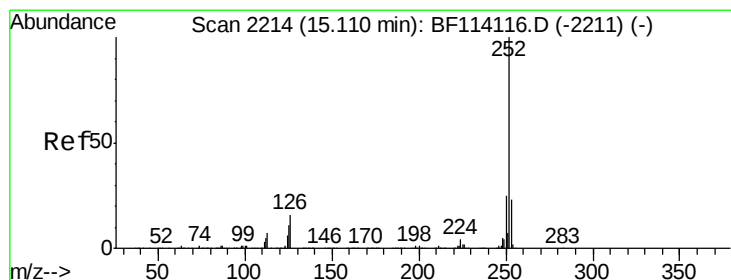
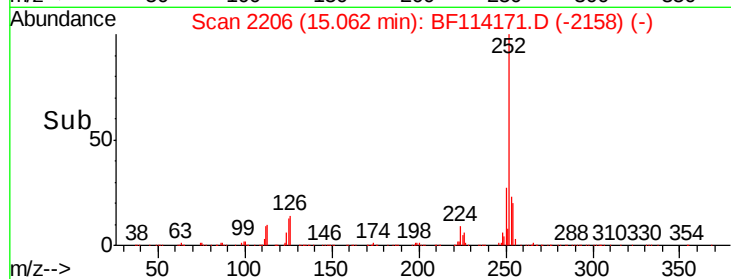
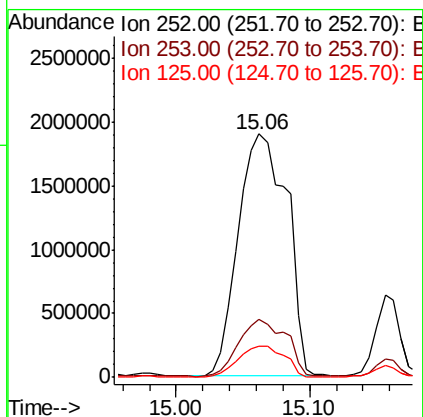
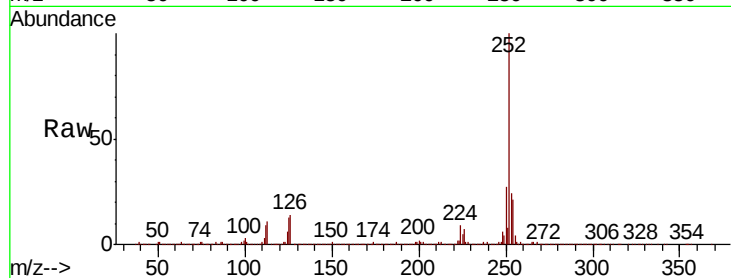




#88
Benzo(b)fluoranthene
Concen: 101.062 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

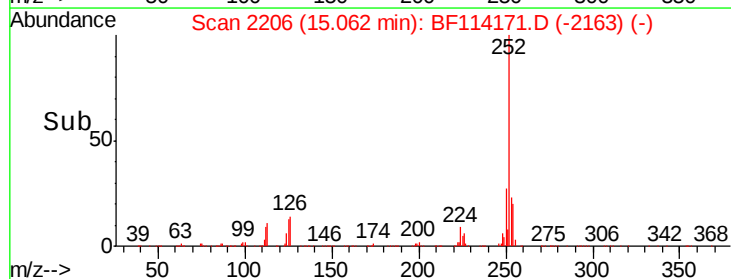
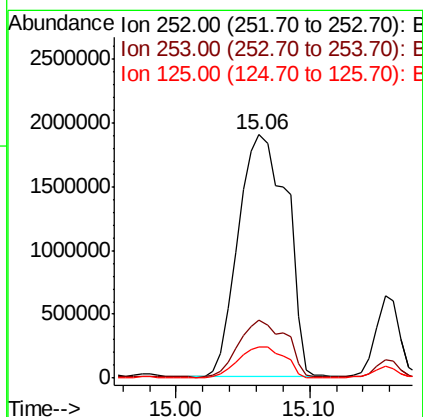
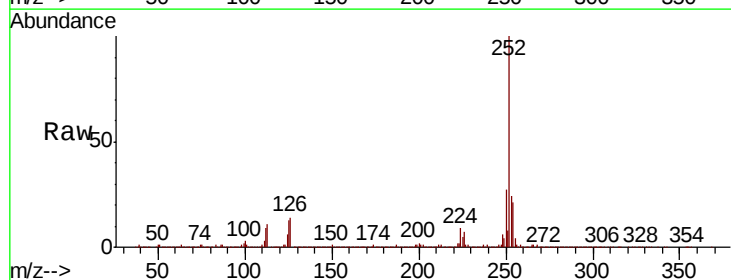
Instrument :
BNA_F
ClientSampleId :
P026-SS002-0206-01

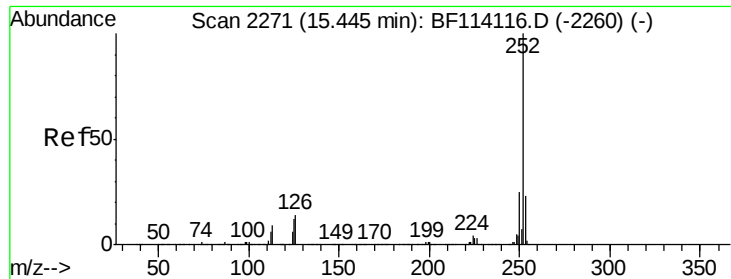
Tgt Ion:252 Resp: 4833345
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 13.0 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 110.017 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114171.D
Acq: 11 May 2019 23:34

Tgt Ion:252 Resp: 4833345
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 13.0 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 60.233 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01

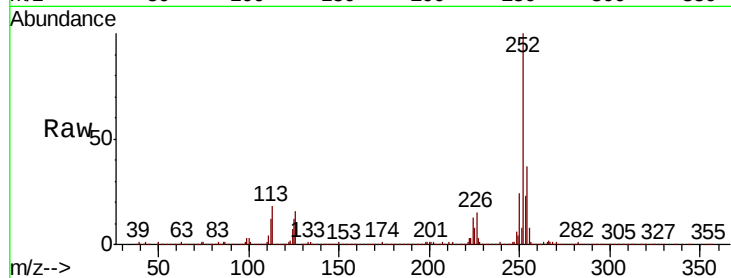
Tgt Ion:252 Resp: 2535221

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

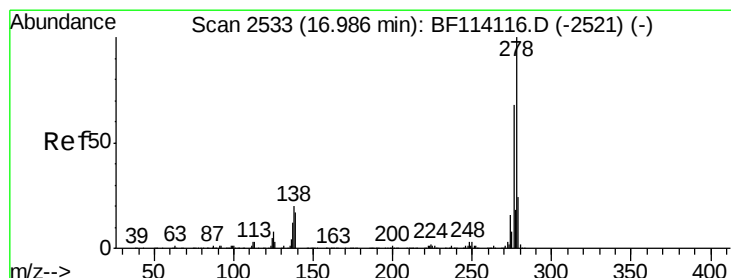
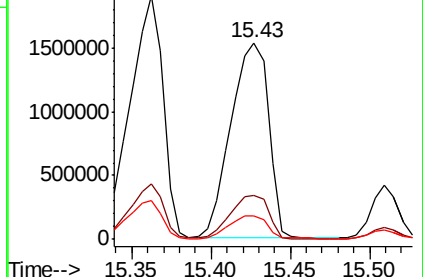
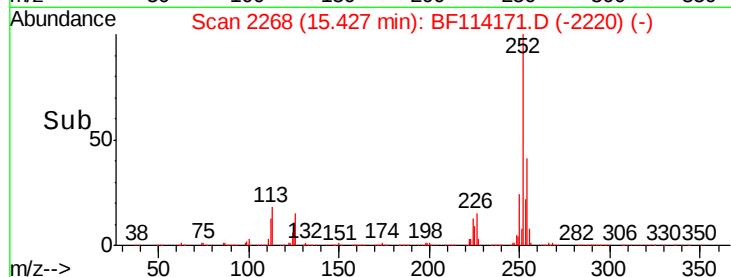
125 11.9 9.5 14.3



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



#91

Dibenzo(a,h)anthracene

Concen: 15.836 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

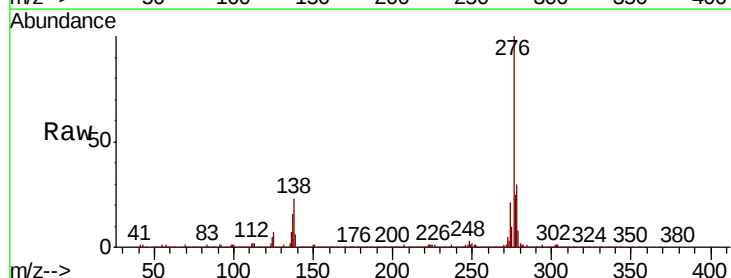
Tgt Ion:278 Resp: 553859

Ion Ratio Lower Upper

278 100

139 19.3 13.5 20.3

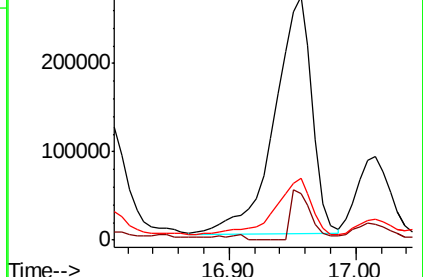
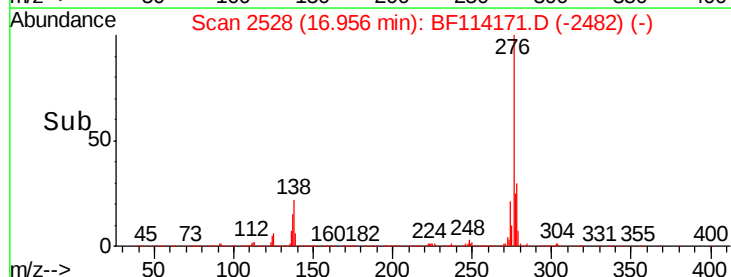
279 25.2 19.0 28.6

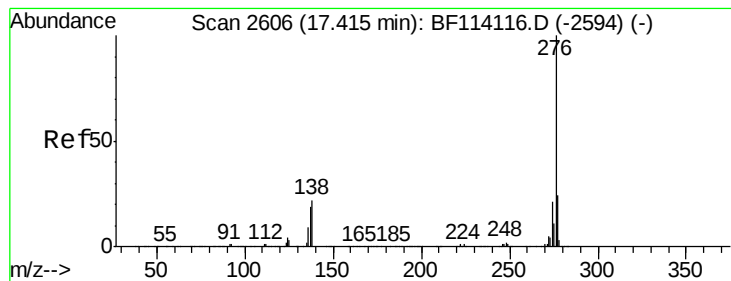


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 62.372 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF114171.D

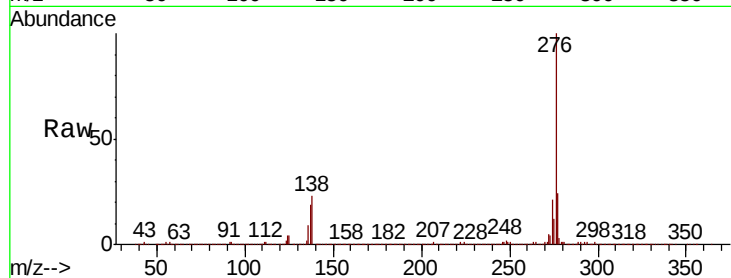
Acq: 11 May 2019 23:34

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0206-01



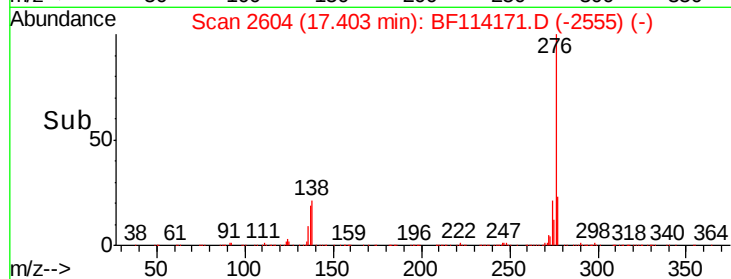
Tgt Ion: 276 Resp: 2186165

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 22.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

