

Data File : BF115294.D
Acq On : 28 Jun 2019 21:03
Operator : HP/JU
Sample : K3526-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Quant Time: Jun 29 02:38:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	239333	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	918847	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	458808	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	908668	20.00	ng	0.00
76) Chrysene-d12	13.71	240	719713	20.00	ng	0.00
87) Perylene-d12	15.07	264	741581	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1280321	82.55	ng	0.00
7) Phenol-d6	6.24	99	1617665	85.93	ng	0.00
23) Nitrobenzene-d5	7.15	82	979114	65.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	446783	92.34	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1813916	67.16	ng	0.00
79) Terphenyl-d14	12.68	244	2108478	62.29	ng	0.00

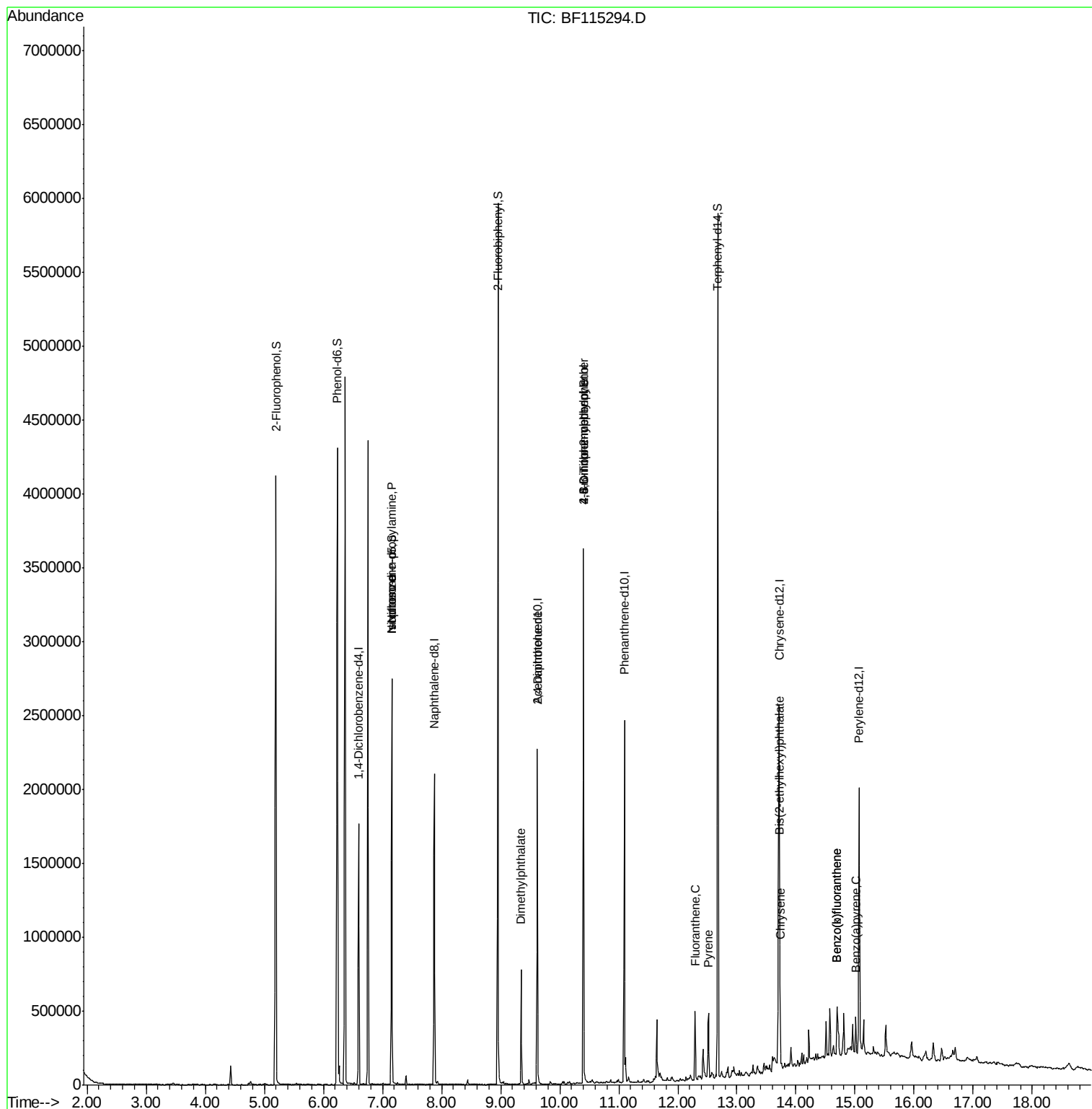
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	130421	10.822	ng	# 75
25) Isophorone	7.15	82	971488	31.749	ng	# 63
50) Dimethylphthalate	9.35	163	293270	8.688	ng	99
57) 2,4-Dinitrotoluene	9.62	165	58338	5.798	ng	# 30
58) Fluorene	10.17	166	1570	Below Cal		# 79
65) 4,6-Dinitro-2-methylphenol	10.40	198	957	5.137	ng	# 1
67) 4-Bromophenyl-phenylether	10.40	248	27816	2.823	ng	# 1
75) Fluoranthene	12.29	202	185536	3.801	ng	93
78) Pyrene	12.52	202	162361	2.935	ng	99
83) Chrysene	13.74	228	122059	2.580	ng	97
84) Bis(2-ethylhexyl)phthalate	13.72	149	238002	7.441	ng	99
88) Benzo(b)fluoranthene	14.69	252	223667	4.834	ng	98
89) Benzo(k)fluoranthene	14.69	252	223667	5.390	ng	98
90) Benzo(a)pyrene	15.01	252	102388	2.455	ng	99

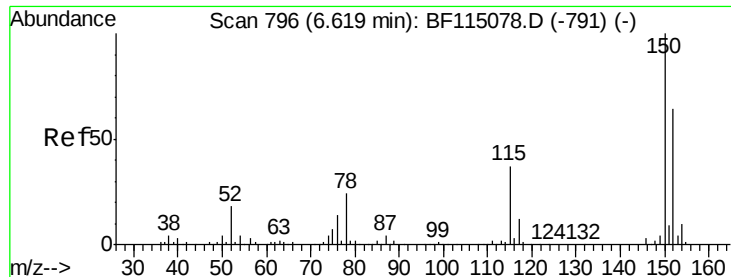
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 13 Sample Multiplier: 1

SB-04-COMP

Response via : Initial Calibration



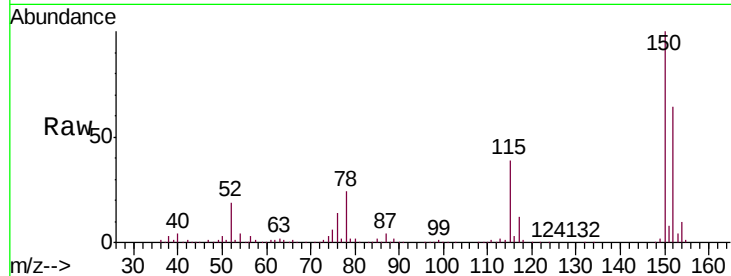


#1

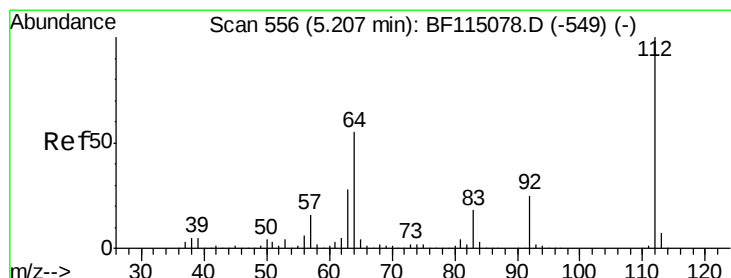
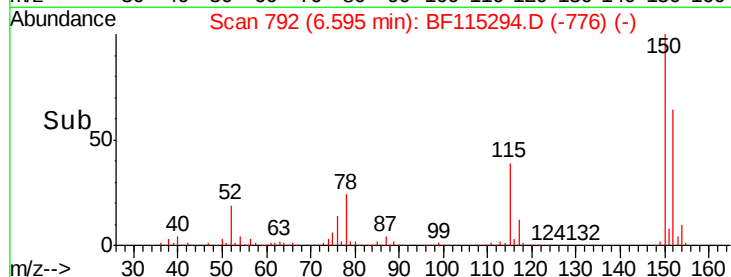
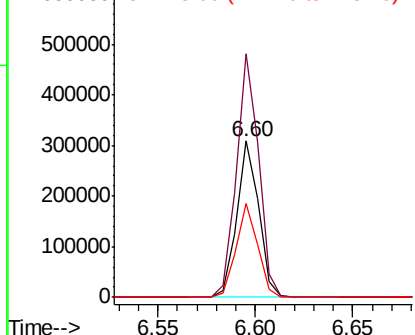
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

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BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:152 Resp: 239333
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 60.0 46.1 69.1



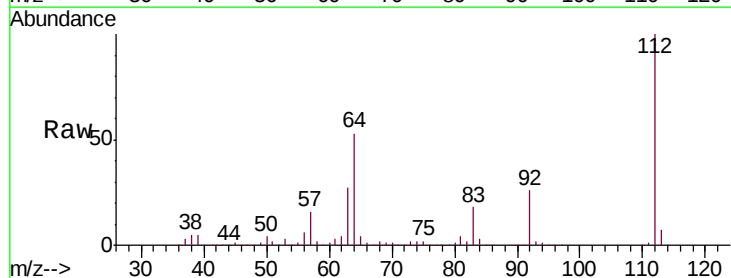
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



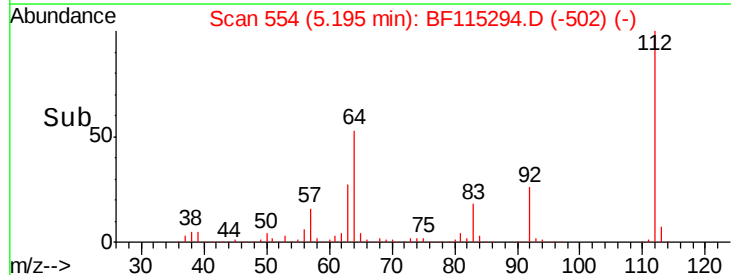
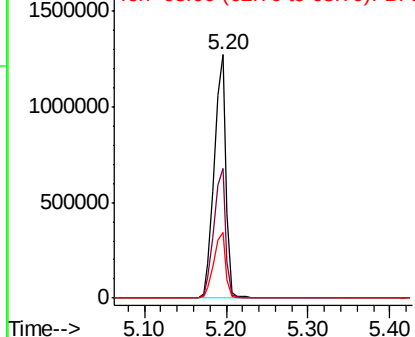
#5

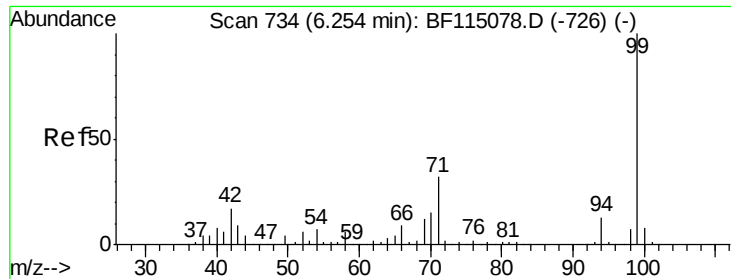
2-Fluorophenol
Concen: 82.552 ng
RT: 5.20 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

Tgt Ion:112 Resp: 1280321
Ion Ratio Lower Upper
112 100
64 53.4 43.8 65.6
63 27.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.935 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

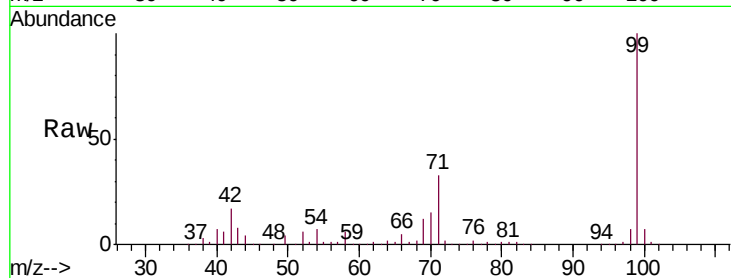
Tgt Ion: 99 Resp: 1617665

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

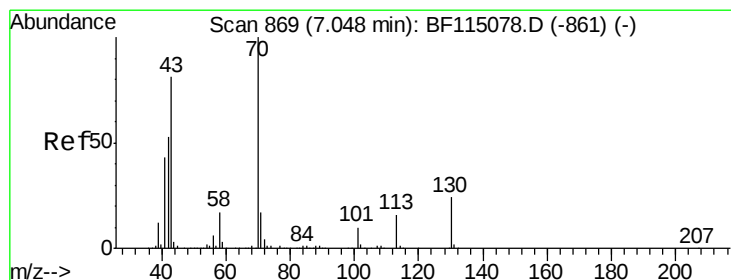
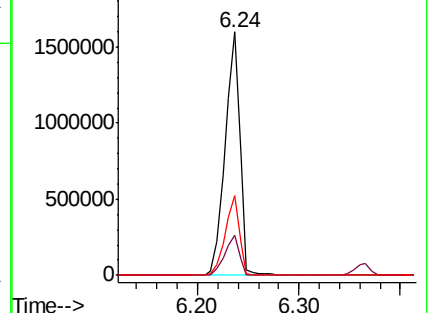
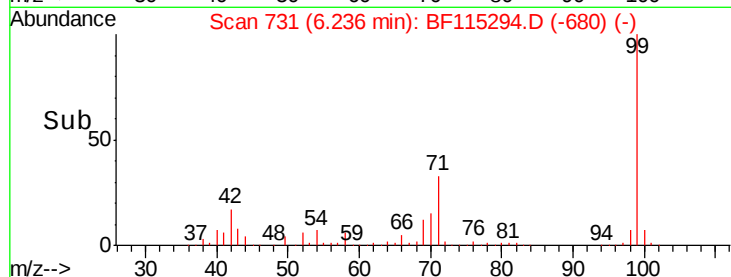
71 32.6 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.822 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Tgt Ion: 70 Resp: 130421

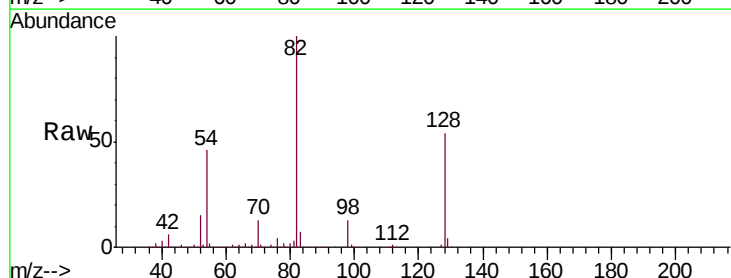
Ion Ratio Lower Upper

70 100

42 41.8 42.6 63.8#

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

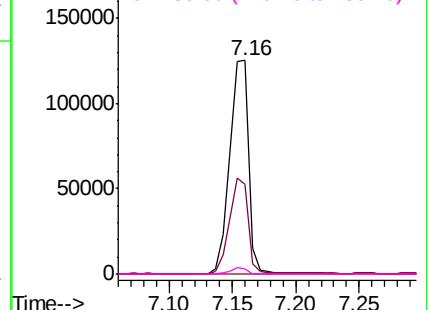
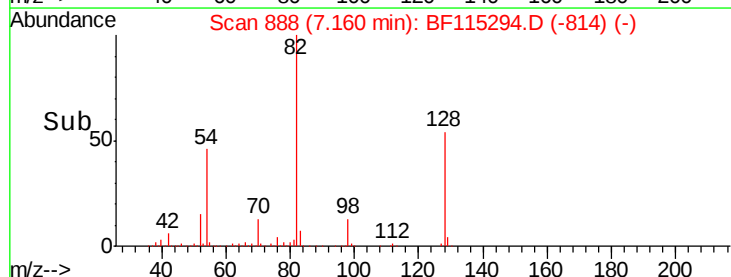


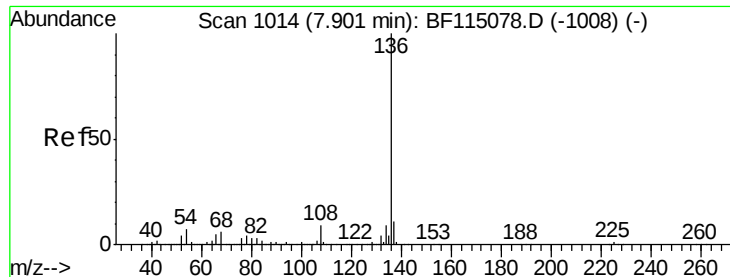
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

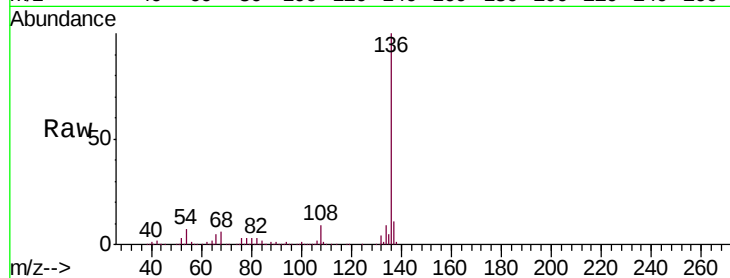




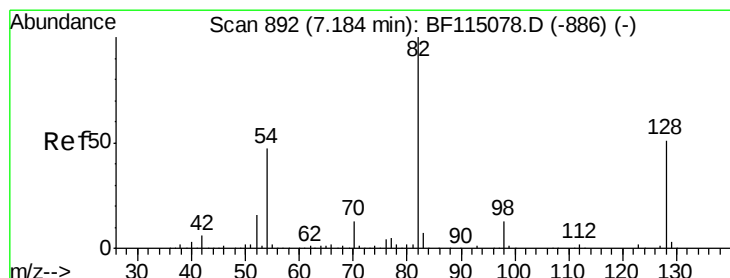
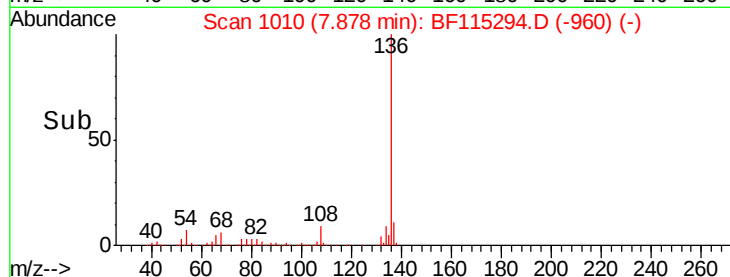
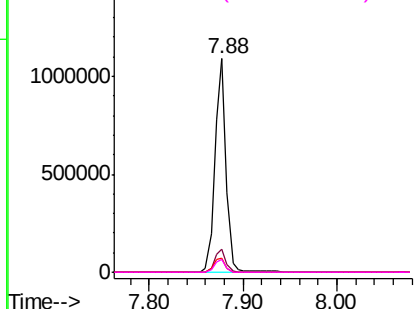
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:	136	Resp:	918847
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	5.6	8.4
68	6.0	4.8	7.2

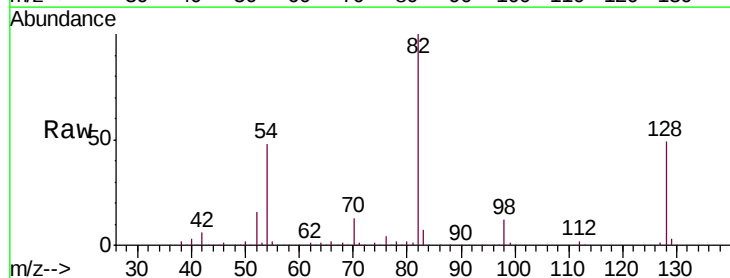


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

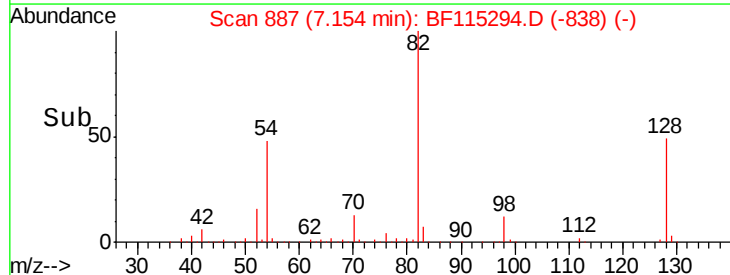
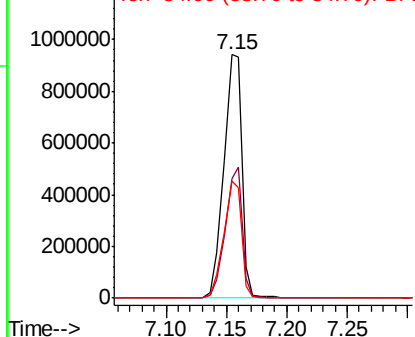


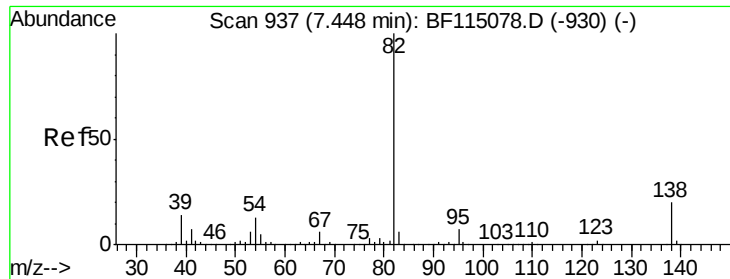
#23
Nitrobenzene-d5
Concen: 65.550 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

Tgt Ion:	82	Resp:	979114
Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.4	60.6
54	47.9	37.5	56.3



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





#25

Isophorone

Concen: 31.749 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

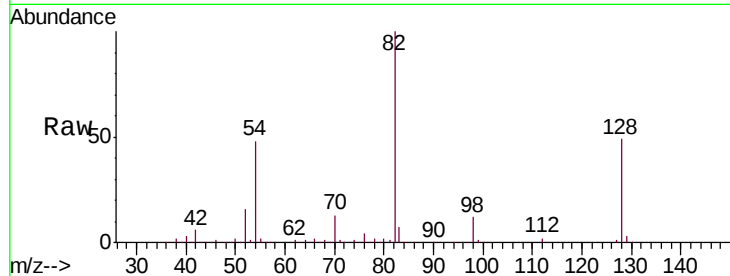
Tgt Ion: 82 Resp: 971488

Ion Ratio Lower Upper

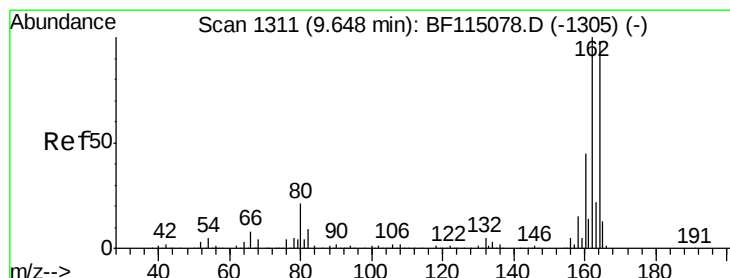
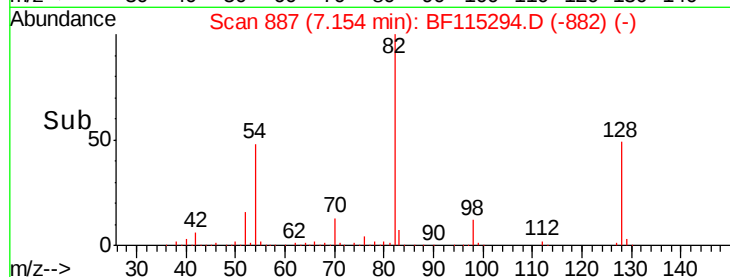
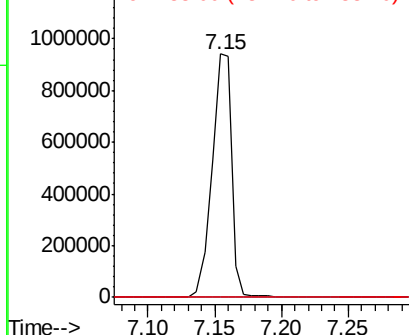
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

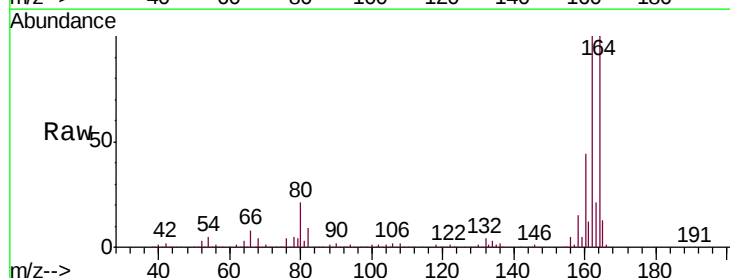
Tgt Ion: 164 Resp: 458808

Ion Ratio Lower Upper

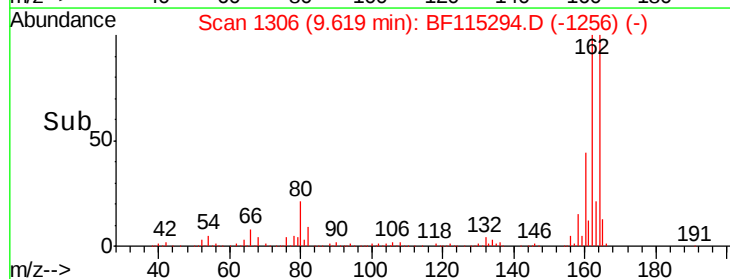
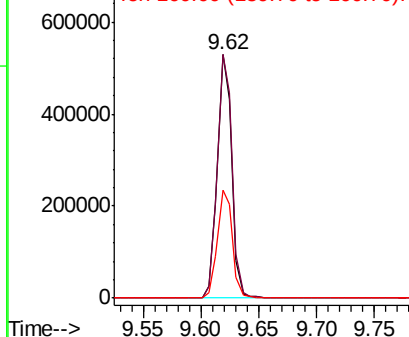
164 100

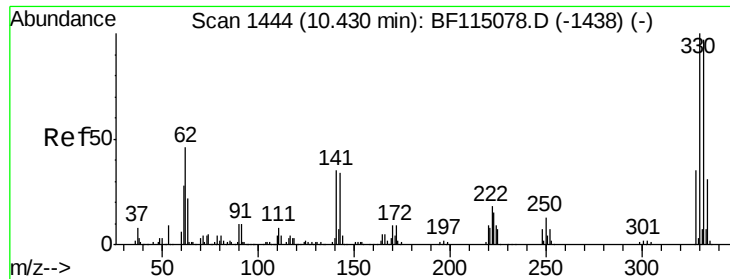
162 100.0 81.7 122.5

160 44.4 37.0 55.4



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

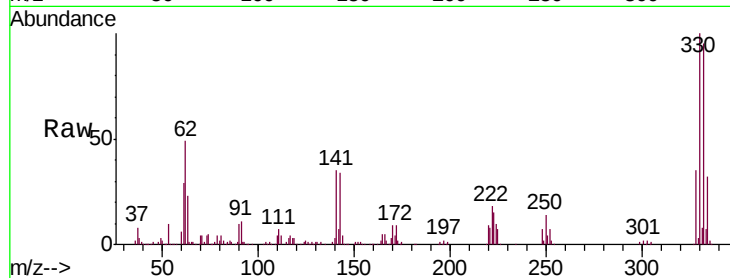




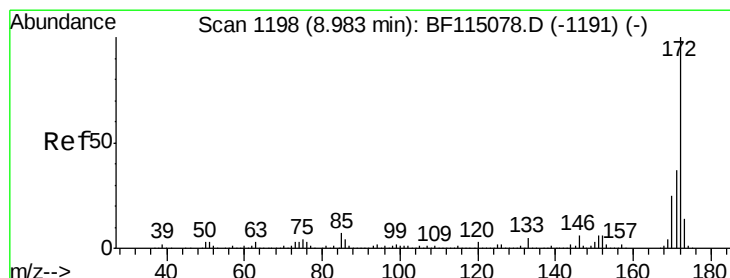
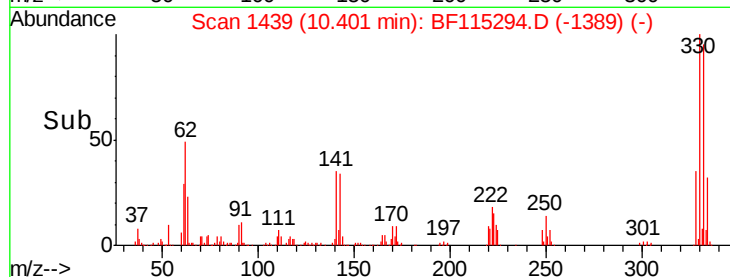
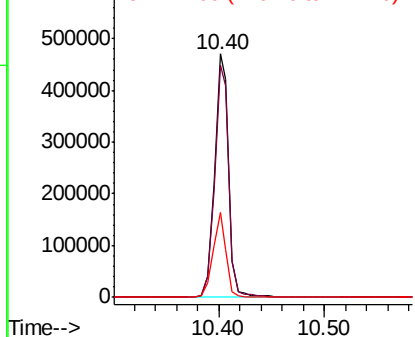
#42
 2,4,6-Tribromophenol
 Concen: 92.343 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF115294.D
 Acq: 28 Jun 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:330 Resp: 446783
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 32.4 28.2 42.2

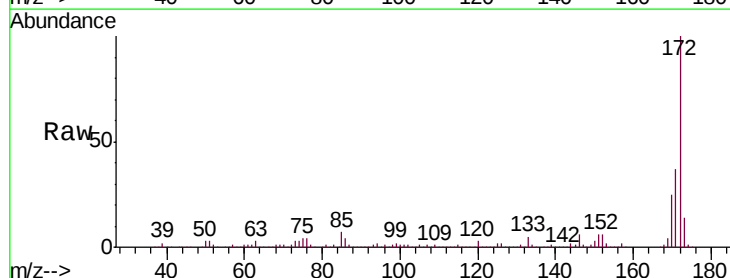


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

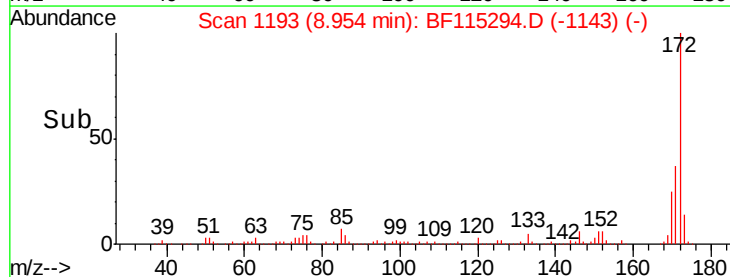
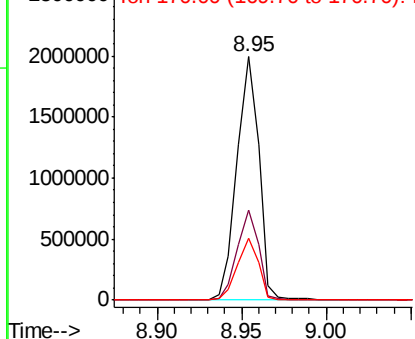


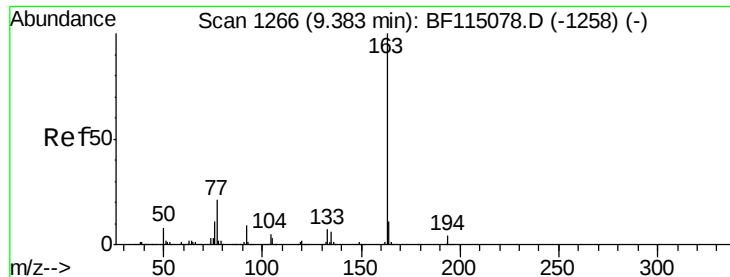
#45
 2-Fluorobiphenyl
 Concen: 67.156 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115294.D
 Acq: 28 Jun 2019 21:03

Tgt Ion:172 Resp: 1813916
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.3 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

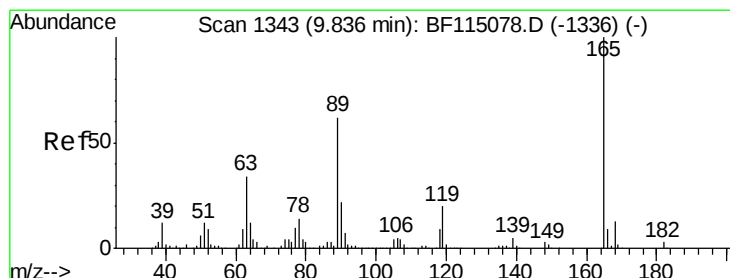
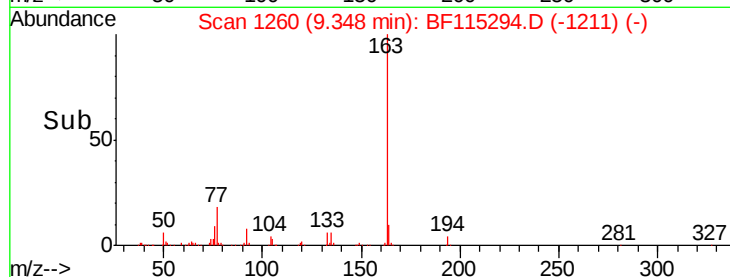
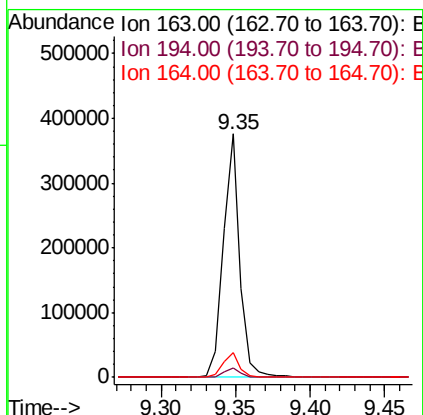
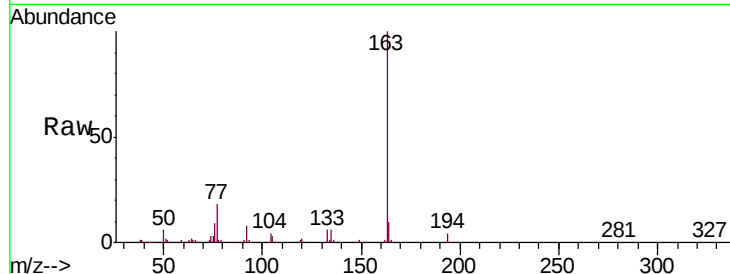




#50
Dimethylphthalate
Concen: 8.688 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

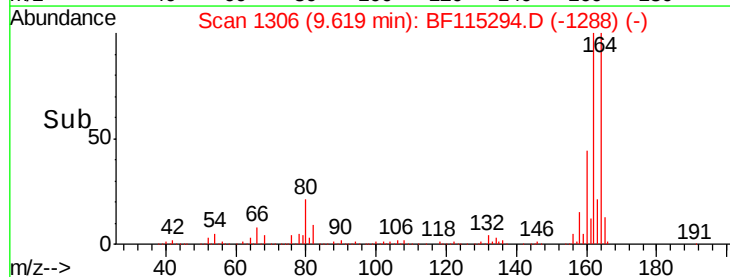
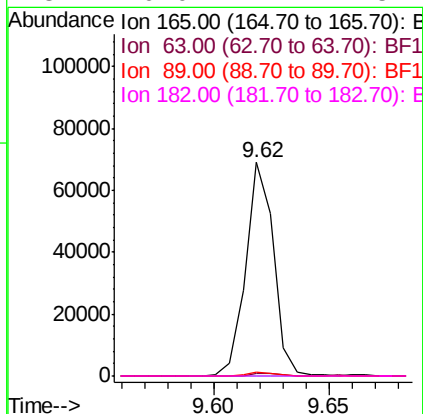
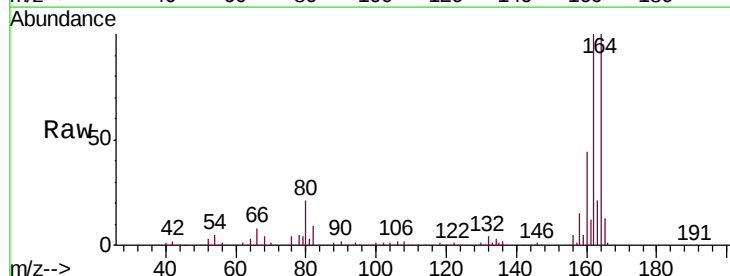
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

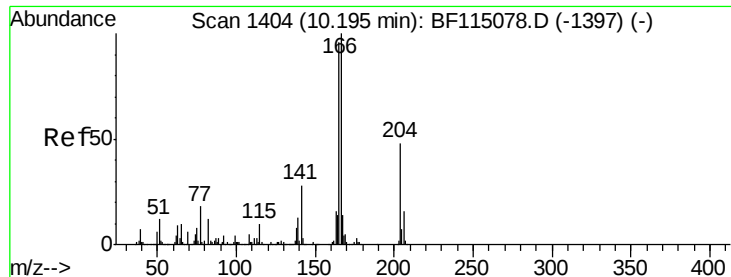
Tgt Ion:163 Resp: 293270
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 5.798 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

Tgt Ion:165 Resp: 58338
Ion Ratio Lower Upper
165 100
63 1.1 27.5 41.3#
89 1.6 49.9 74.9#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 10.17 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

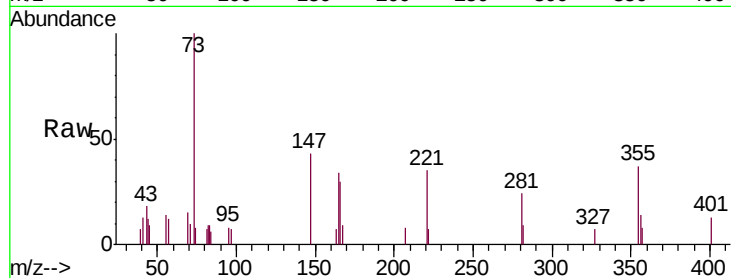
Tgt Ion:166 Resp: 1570

Ion Ratio Lower Upper

166 100

165 113.5 76.5 114.7

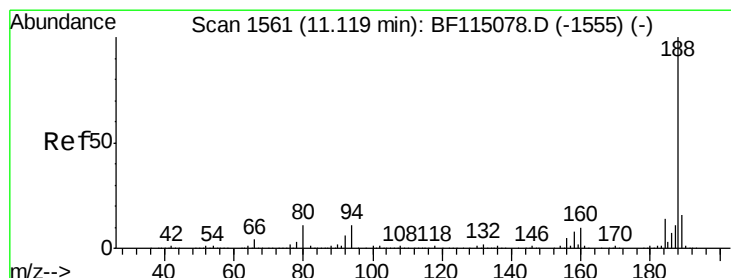
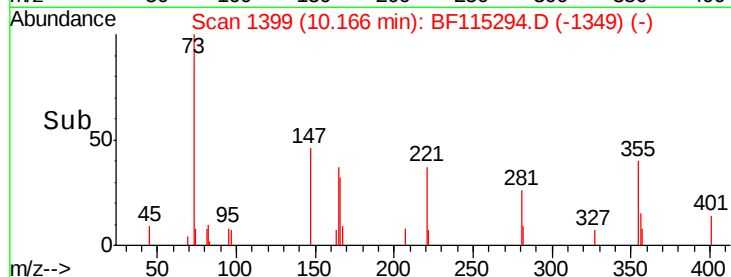
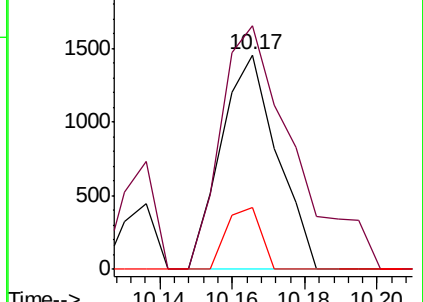
167 28.6 11.0 16.4#



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: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

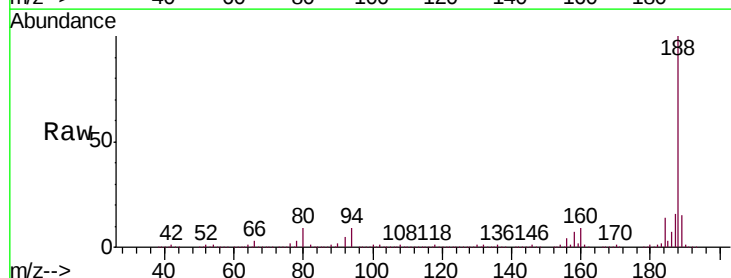
Tgt Ion:188 Resp: 908668

Ion Ratio Lower Upper

188 100

94 8.7 8.6 12.8

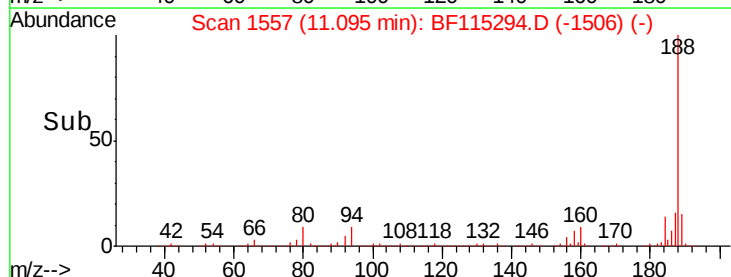
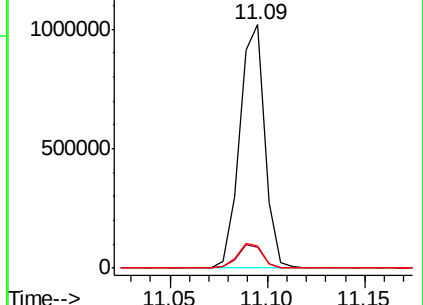
80 9.1 8.8 13.2

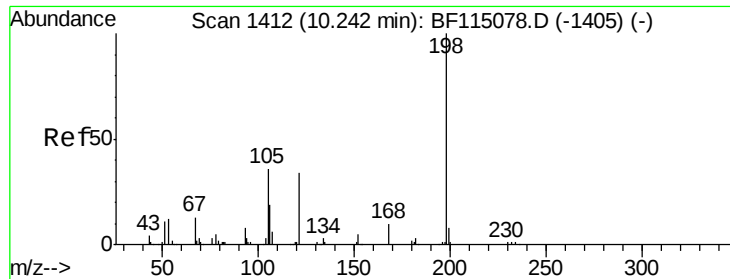


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

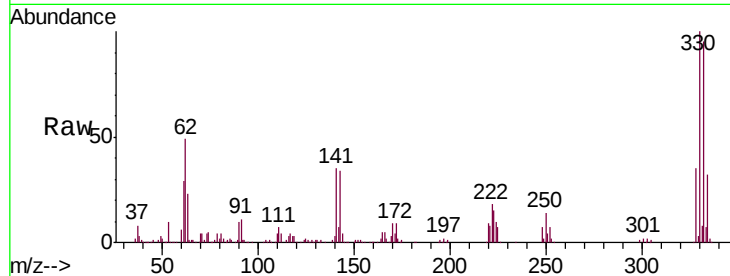




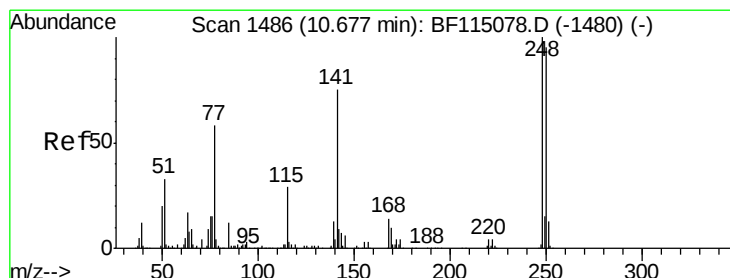
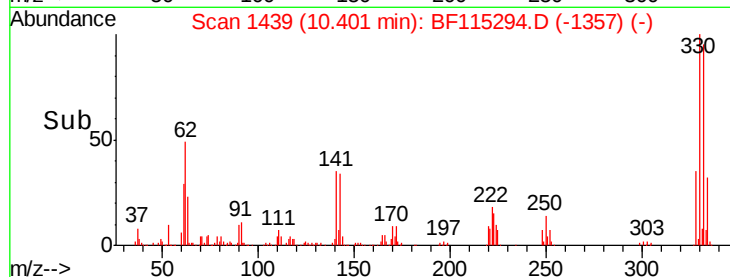
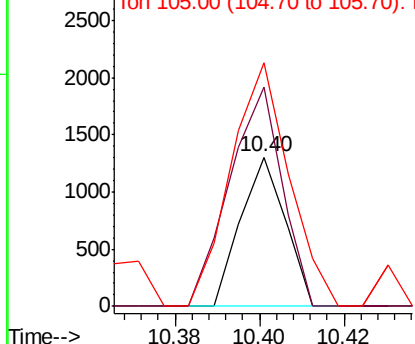
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.137 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.18 min
 Lab File: BF115294.D
 Acq: 28 Jun 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:198 Resp: 957
 Ion Ratio Lower Upper
 198 100
 51 147.2 11.0 51.0#
 105 163.3 17.3 57.3#

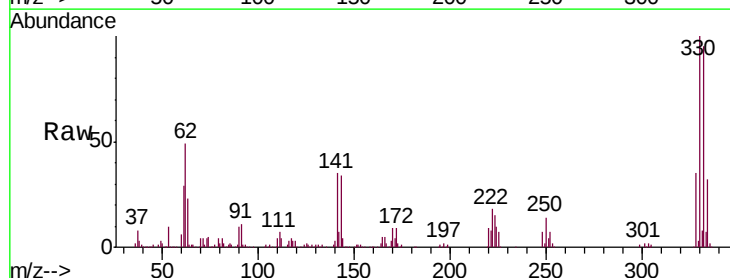


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

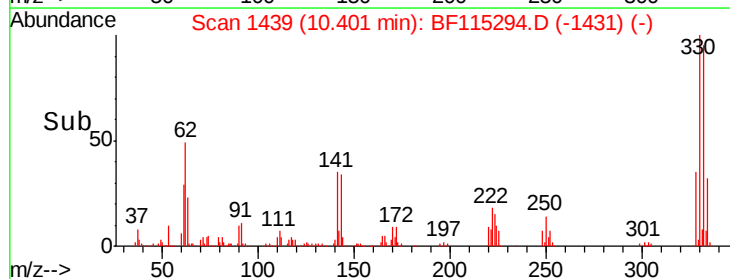
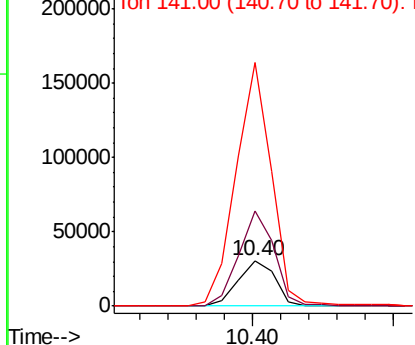


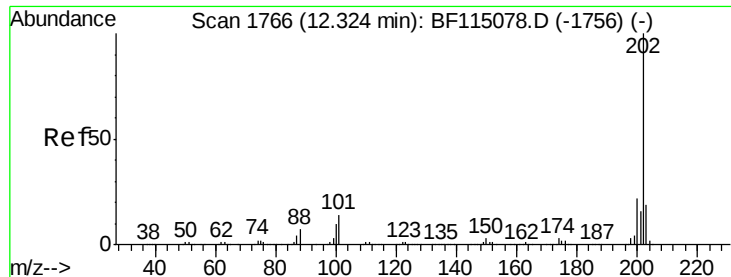
#67
 4-Bromophenyl-phenylether
 Concen: 2.823 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF115294.D
 Acq: 28 Jun 2019 21:03

Tgt Ion:248 Resp: 27816
 Ion Ratio Lower Upper
 248 100
 250 209.4 76.2 114.2#
 141 533.1 59.6 89.4#



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





#75

Fluoranthene

Concen: 3.801 ng

RT: 12.29 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

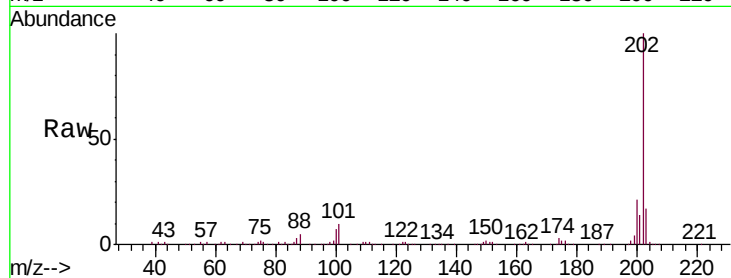
Tgt Ion: 202 Resp: 185536

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.0

203 16.8 0.0 38.8

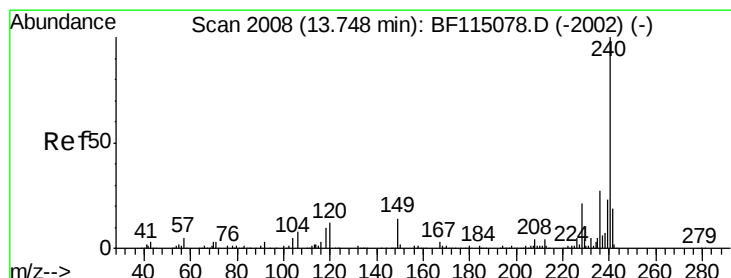
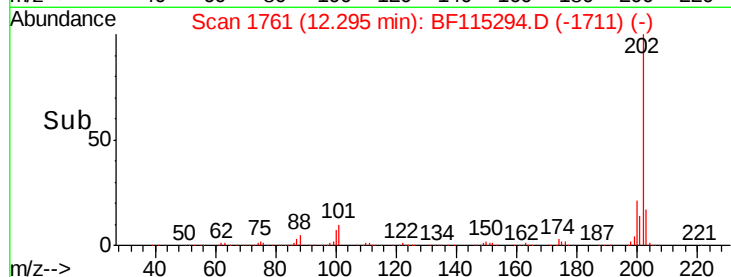
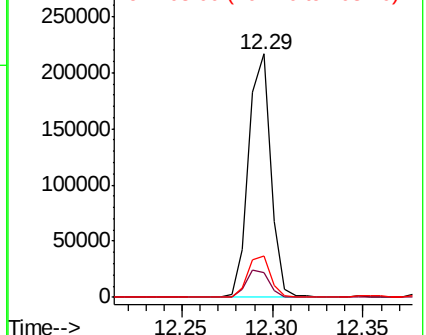


Abundance

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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

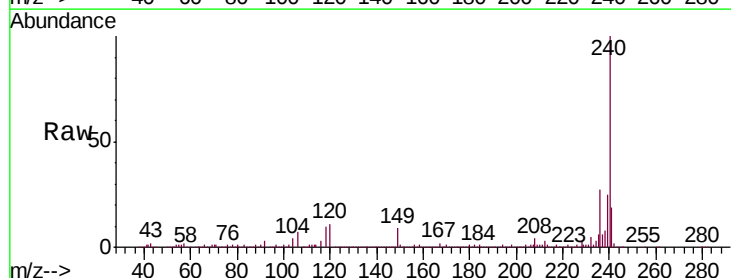
Tgt Ion: 240 Resp: 719713

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 27.0 21.7 32.5

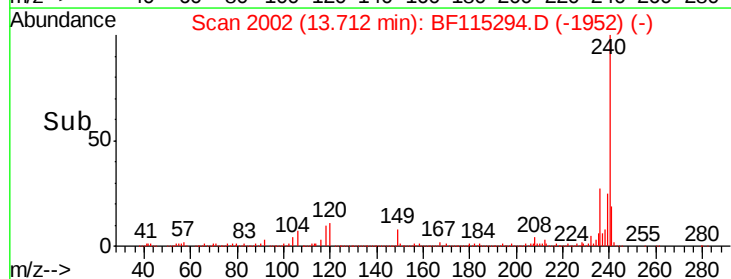
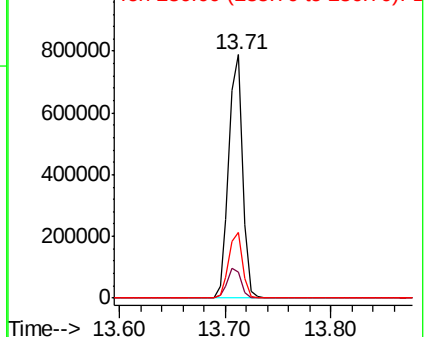


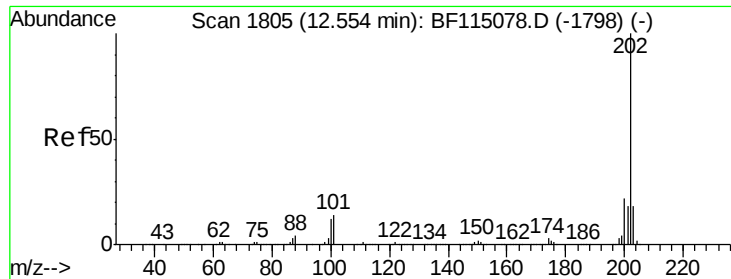
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

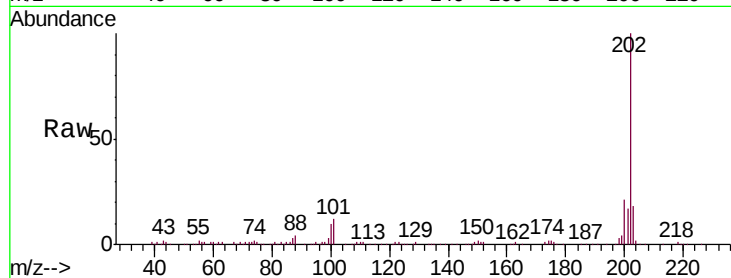




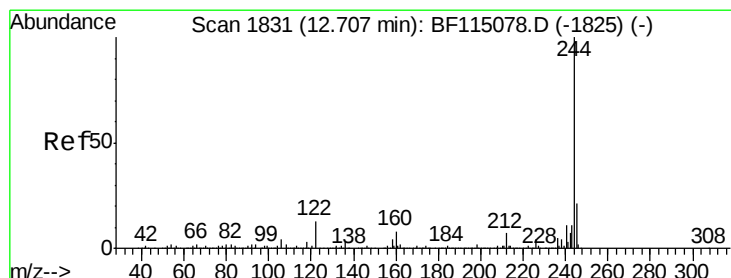
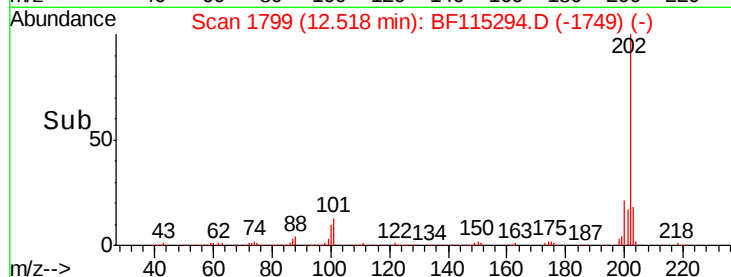
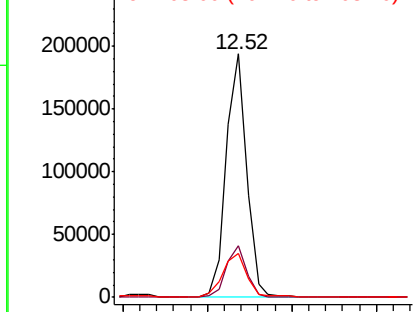
#78
 Pyrene
 Concen: 2.935 ng
 RT: 12.52 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF115294.D
 Acq: 28 Jun 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion: 202 Resp: 162361
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.9 26.9
 203 18.1 14.6 21.8

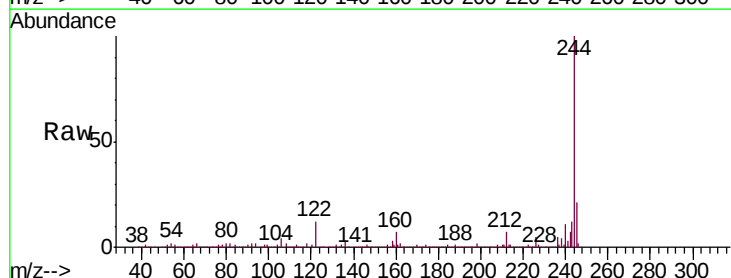


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

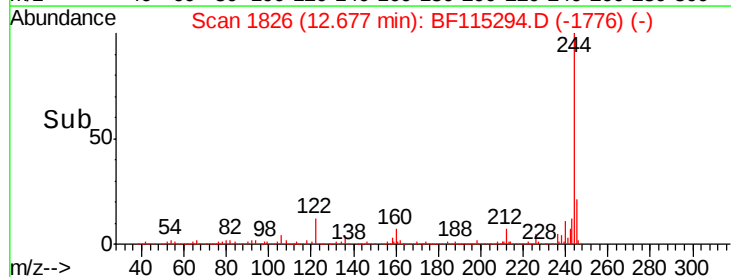
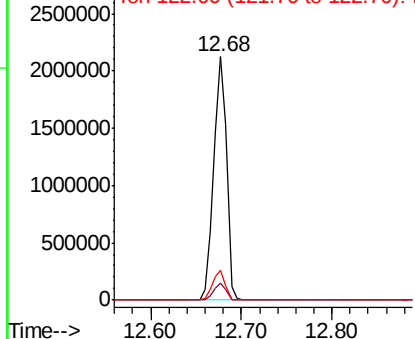


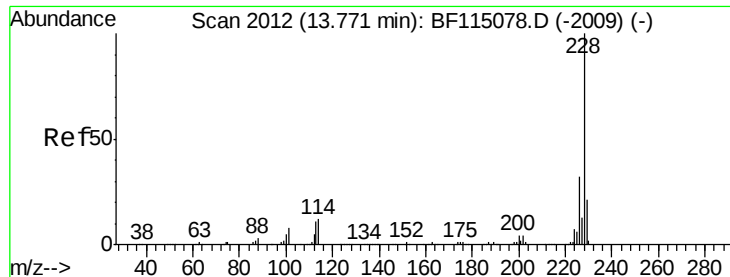
#79
 Terphenyl-d14
 Concen: 62.288 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115294.D
 Acq: 28 Jun 2019 21:03

Tgt Ion: 244 Resp: 2108478
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.2 10.4 15.6



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





#83

Chrysene

Concen: 2.580 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

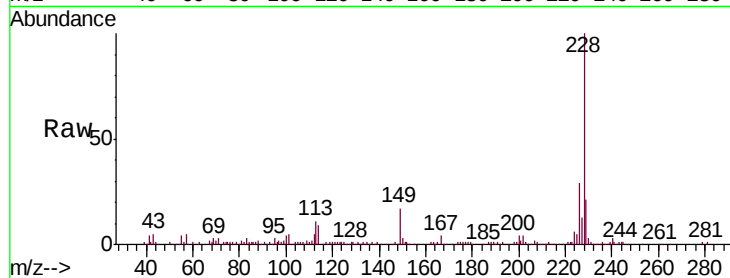
Tgt Ion:228 Resp: 122059

Ion Ratio Lower Upper

228 100

226 29.4 25.4 38.0

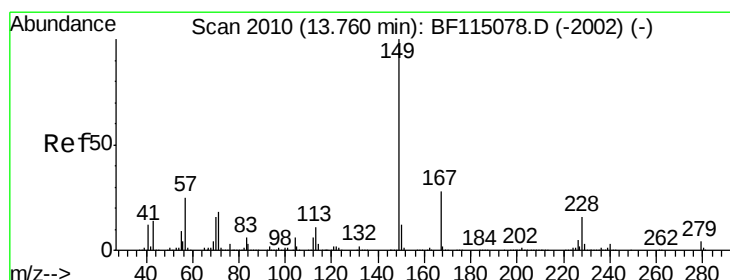
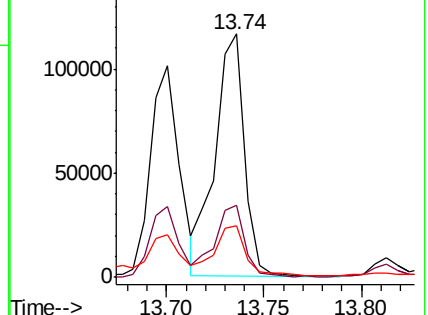
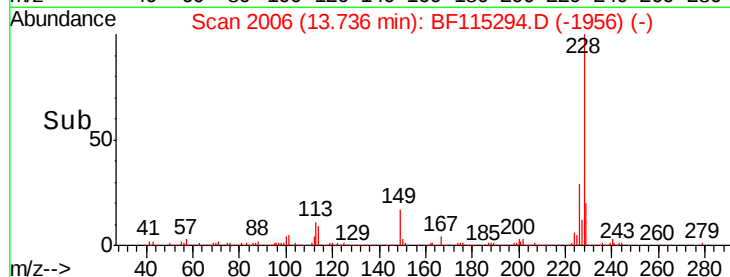
229 21.1 16.5 24.7



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: 7.441 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

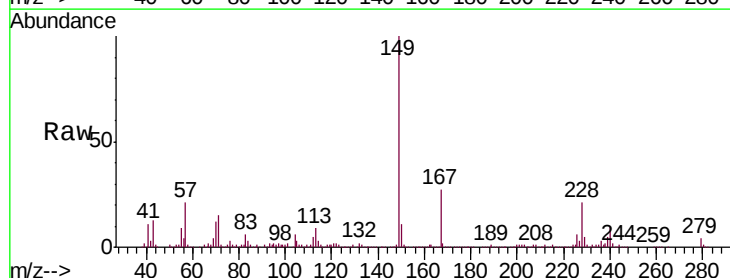
Tgt Ion:149 Resp: 238002

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

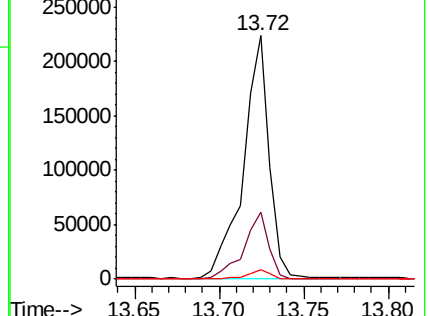
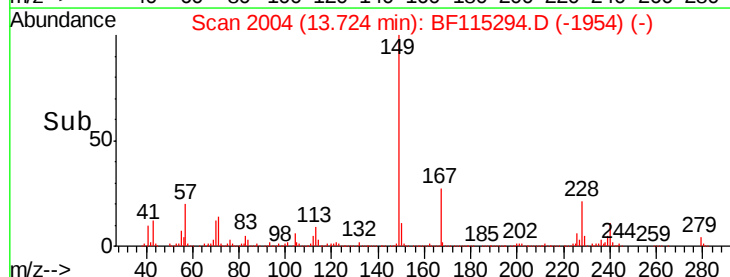
279 3.6 2.9 4.3

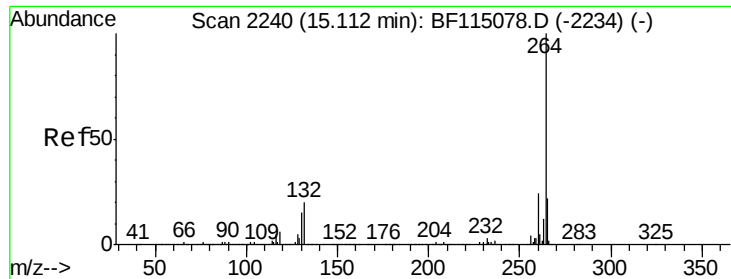


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

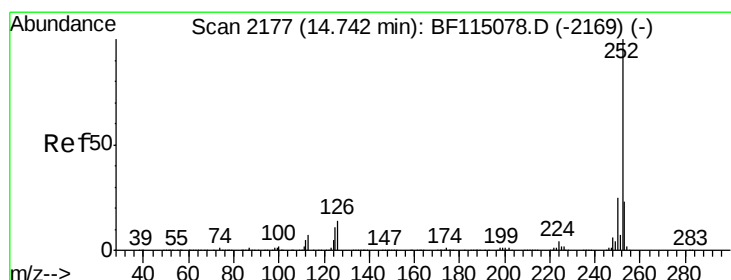
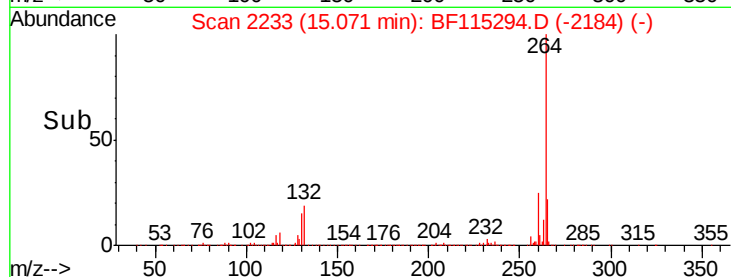
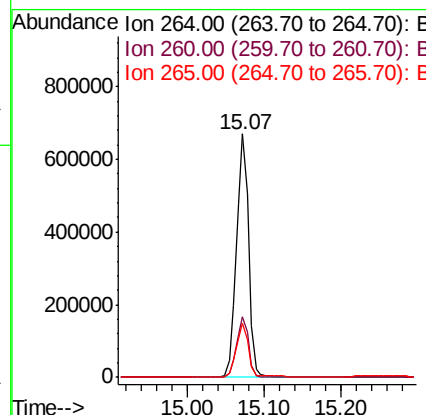
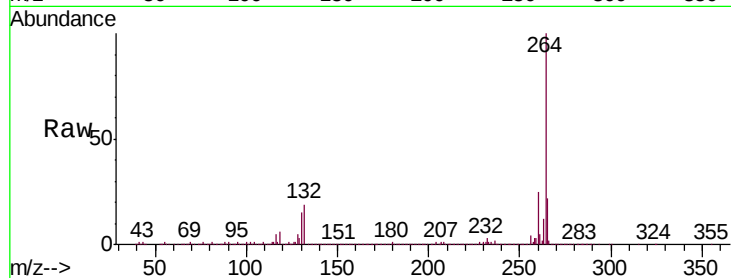




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

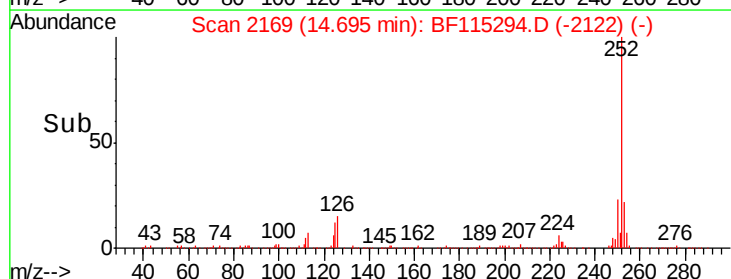
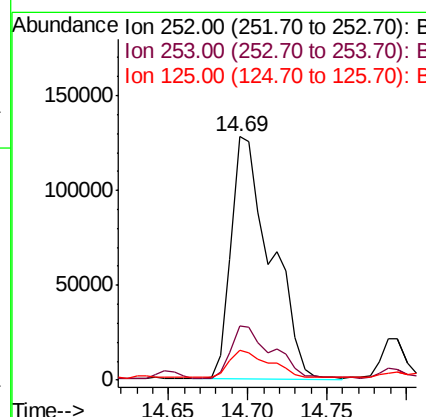
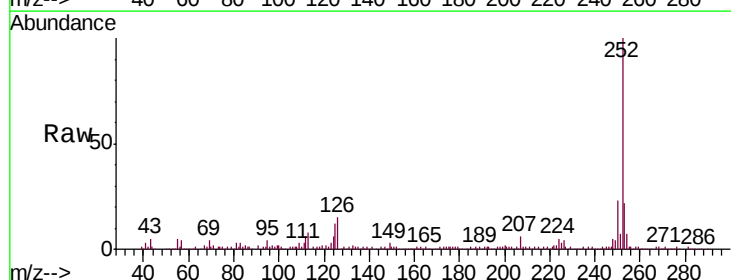
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

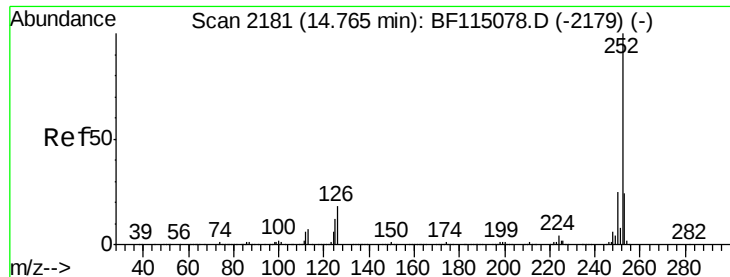
Tgt Ion:264 Resp: 741581
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 4.834 ng
RT: 14.69 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF115294.D
Acq: 28 Jun 2019 21:03

Tgt Ion:252 Resp: 223667
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.5 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 5.390 ng

RT: 14.69 min Scan# 2169

Delta R.T. -0.05 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

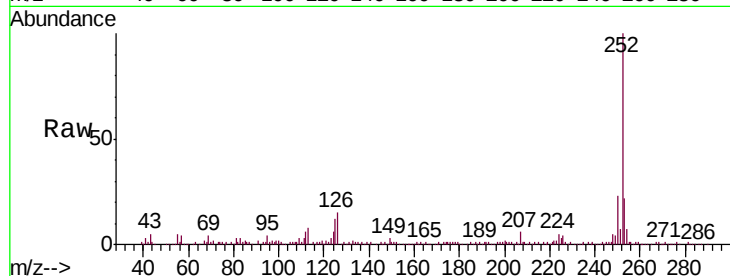
Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

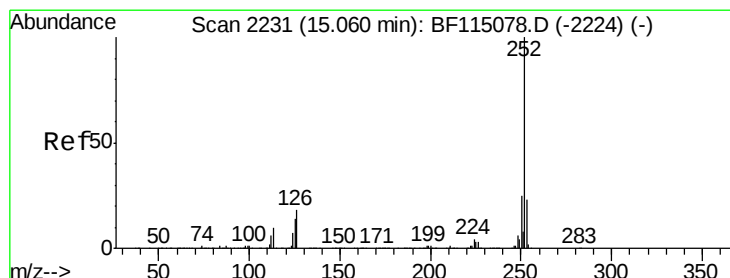
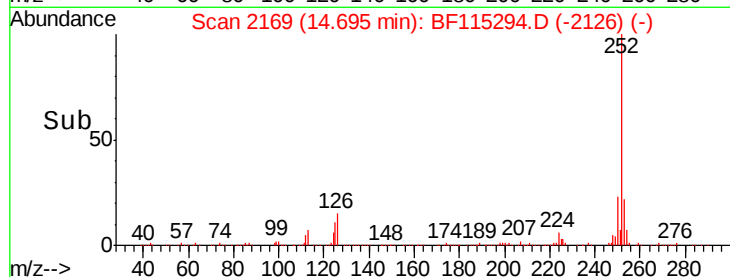
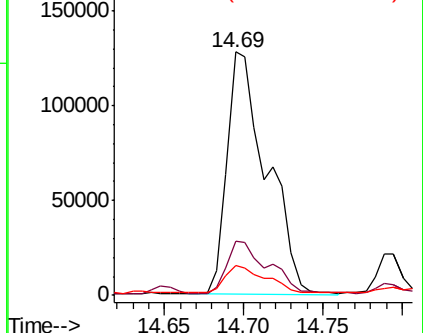
Tgt Ion:	252	Resp:	223667
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	12.5	10.2	15.2



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: 2.455 ng

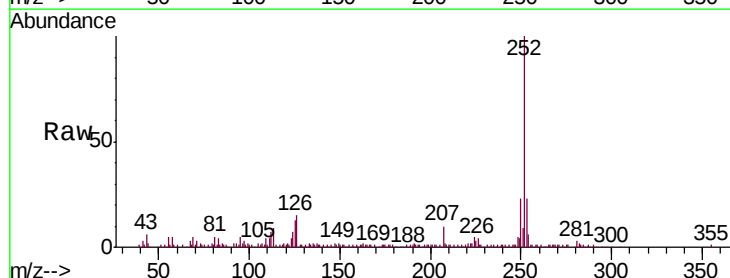
RT: 15.01 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BF115294.D

Acq: 28 Jun 2019 21:03

Tgt Ion:	252	Resp:	102388
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	12.8	10.9	16.3



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

