

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114445.D
 Acq On : 21 May 2019 2:43
 Operator : JU/SJ
 Sample : K2943-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Quant Time: May 21 11:14:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

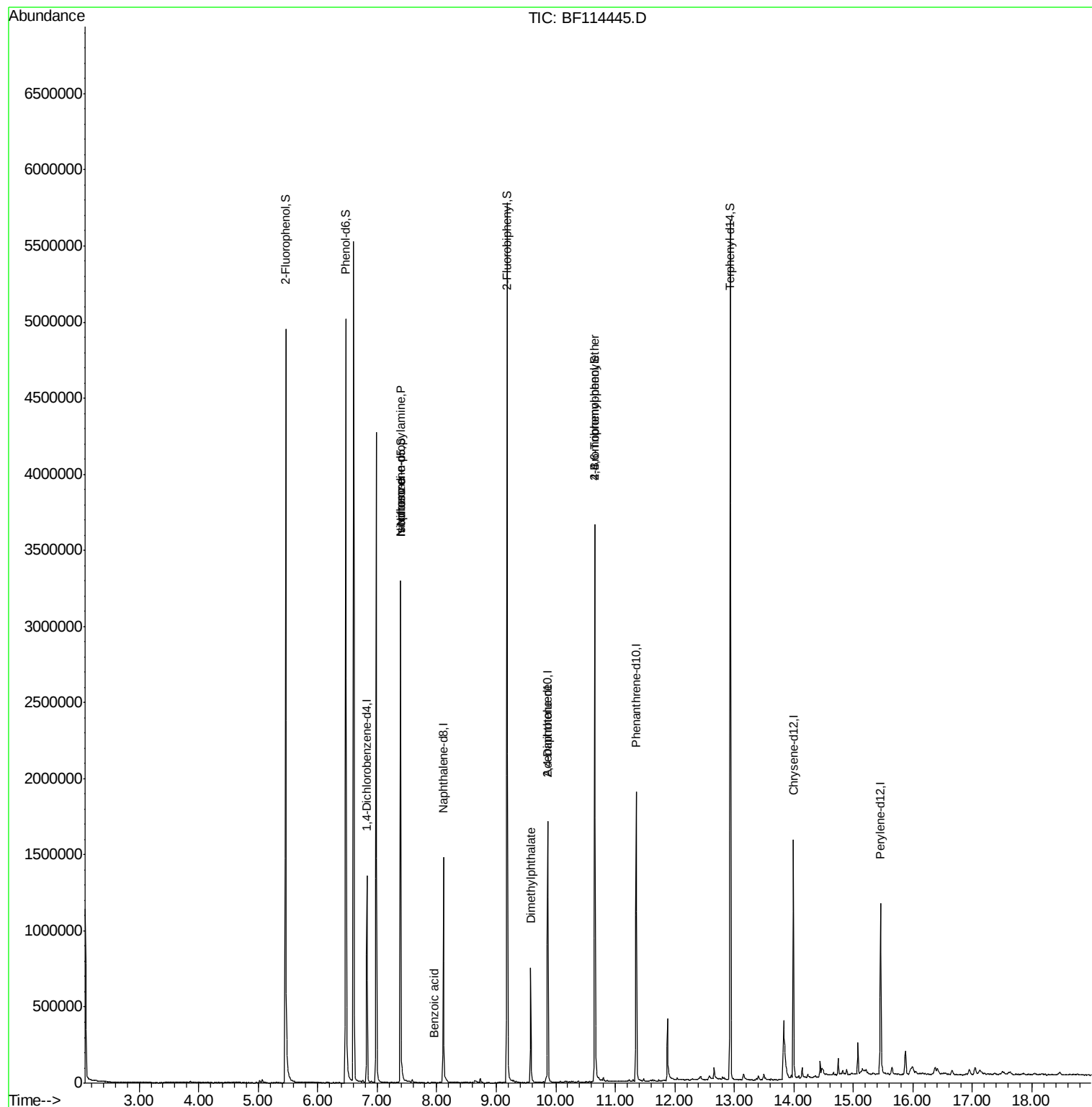
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	188497	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	717633	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	336087	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	691085	20.00	ng	0.00
76) Chrysene-d12	13.99	240	529383	20.00	ng	-0.01
87) Perylene-d12	15.46	264	511403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1401608	119.66	ng	0.00
7) Phenol-d6	6.47	99	1835155	132.47	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1128157	88.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	449424	129.35	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1906227	85.80	ng	0.00
79) Terphenyl-d14	12.93	244	2026987	78.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	149159	16.986	ng	# 74
25) Isophorone	7.39	82	1128148	47.570	ng	# 64
32) Benzoic acid	7.96	122	264	7.053	ng	# 38
50) Dimethylphthalate	9.58	163	347615	14.089	ng	99
57) 2,4-Dinitrotoluene	9.86	165	42784	5.760	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	29218	3.840	ng	# 1

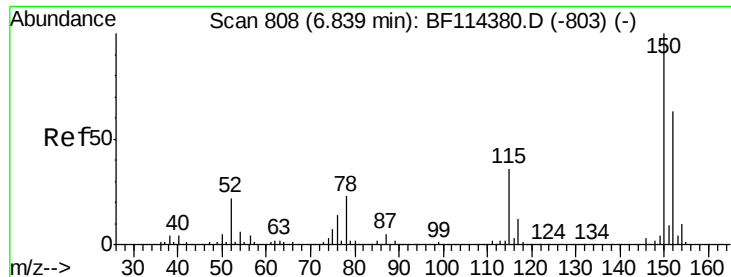
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

BNA_F

ClientSampleId :

BUS-2

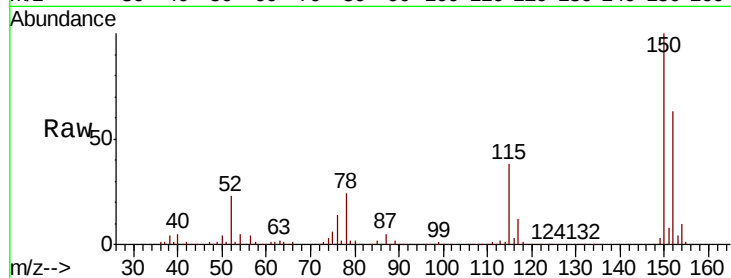
Tot Ion:152 Resp: 188497

Ion Ratio Lower Upper

152 100

150 157.6 124.3 186.5

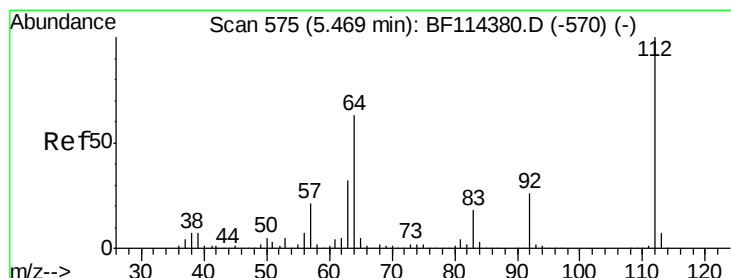
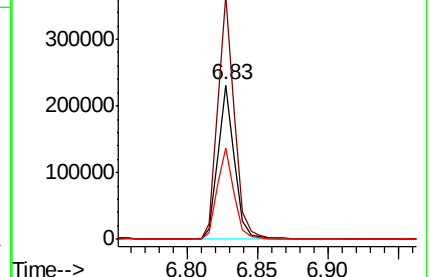
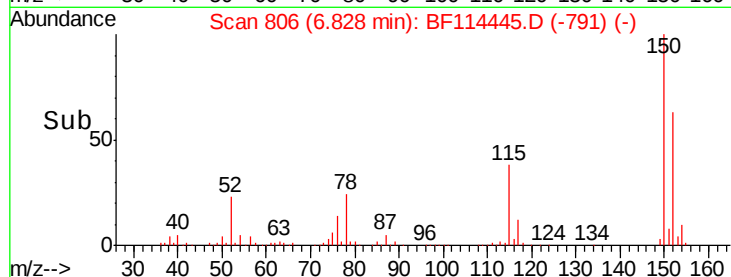
115 59.3 49.1 73.7



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: 119.660 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

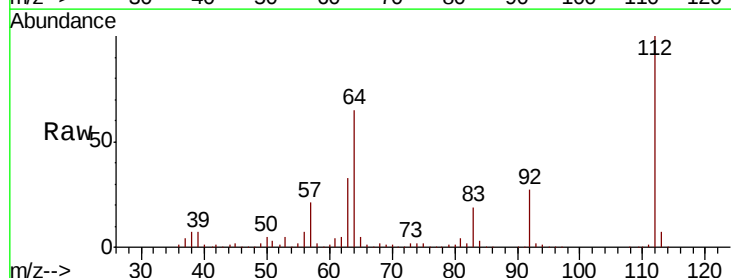
Tgt Ion:112 Resp: 1401608

Ion Ratio Lower Upper

112 100

64 65.1 49.0 73.6

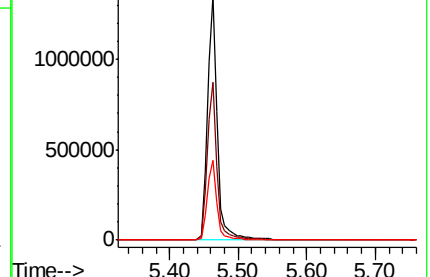
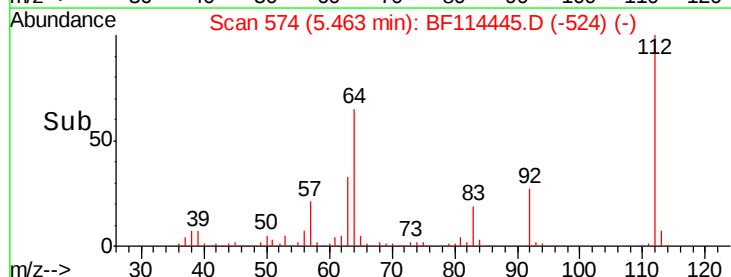
63 33.0 24.6 37.0

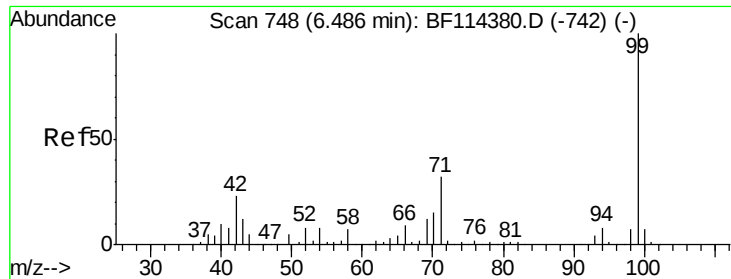


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 132.467 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

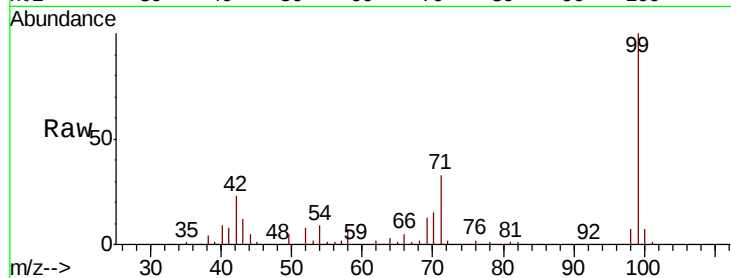
BNA_F

ClientSampleId :

BUS-2

Tot Ion: 99 Resp: 1835155

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	33.4	26.2	39.2

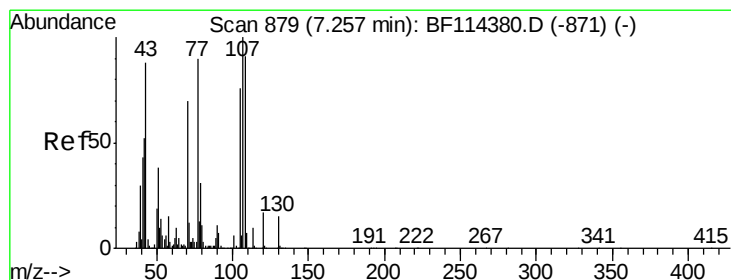
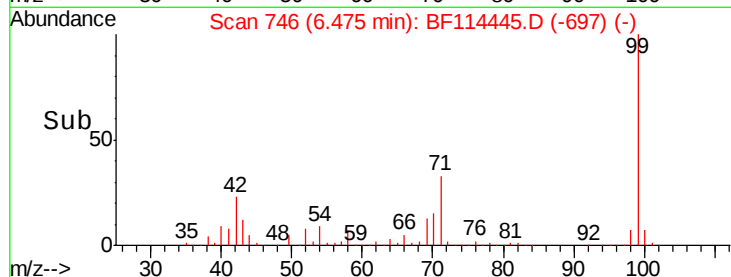
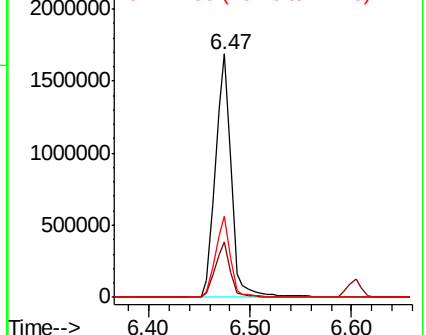


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.986 ng

RT: 7.39 min Scan# 902

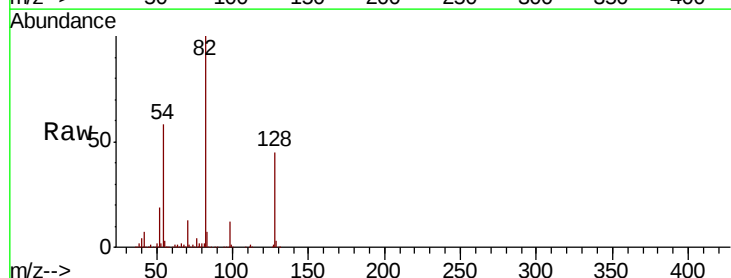
Delta R.T. 0.14 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Tgt Ion: 70 Resp: 149159

Ion	Ratio	Lower	Upper
70	100		
42	55.3	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



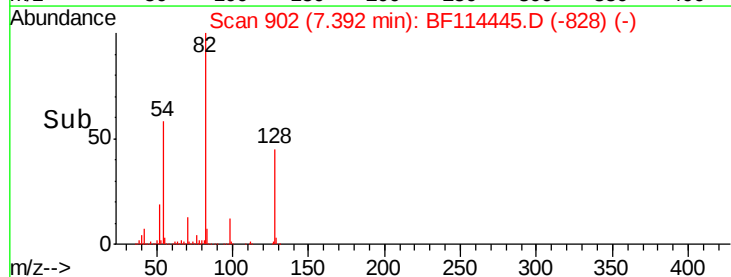
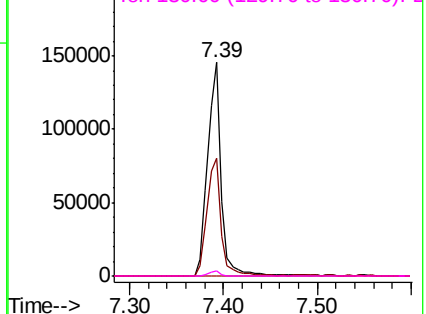
Abundance

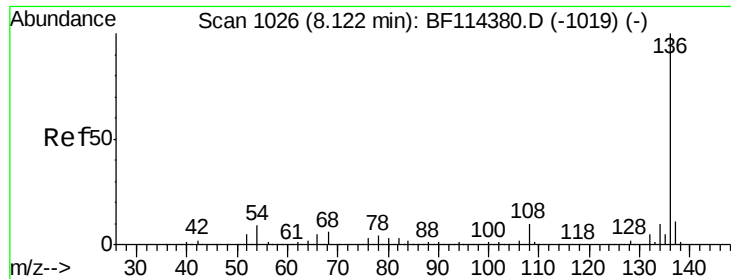
Ion 70.00 (69.70 to 70.70): BF1

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

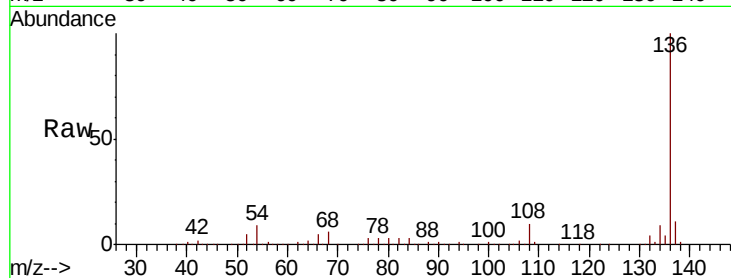




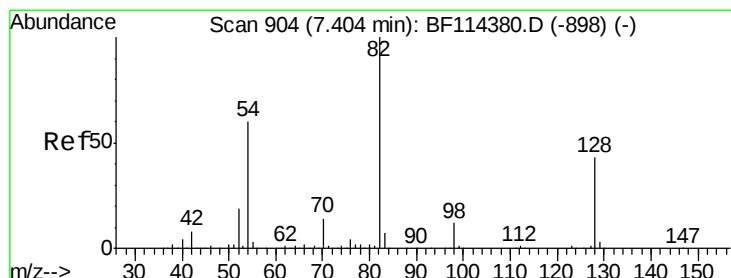
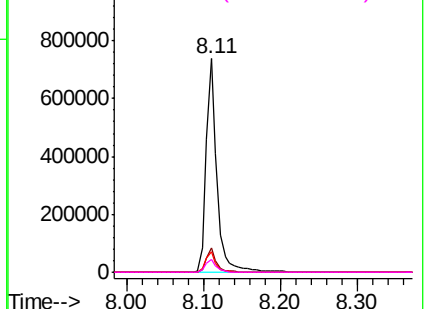
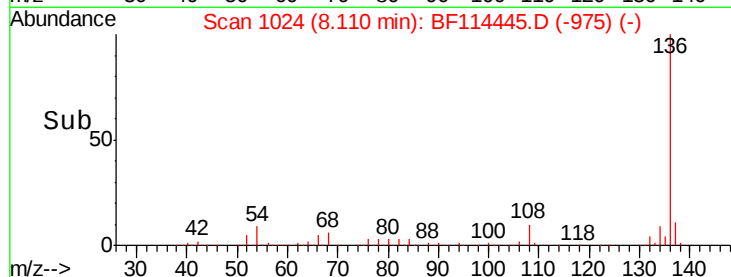
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114445.D
Acq: 21 May 2019 2:43

Instrument :
BNA_F
ClientSampled :
BUS-2

Tot Ion:136	Resp:	717633
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	9.3	7.8 11.8
68	5.9	5.1 7.7

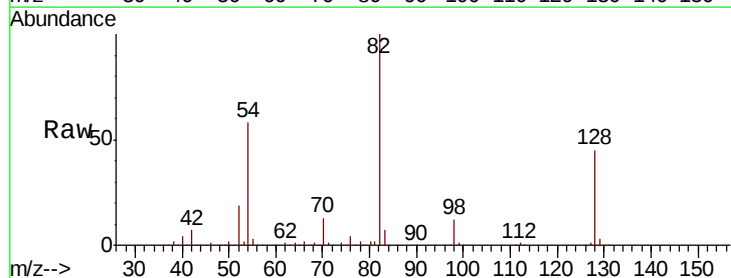


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

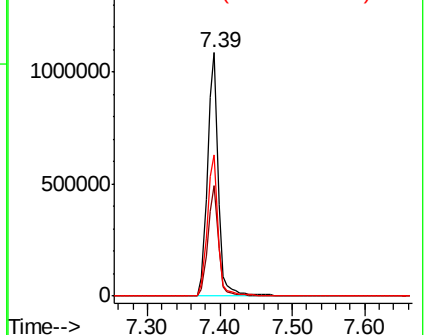
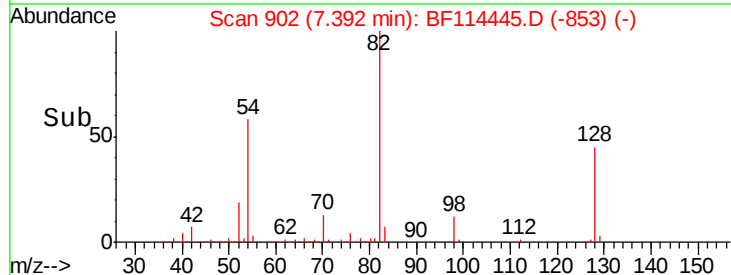


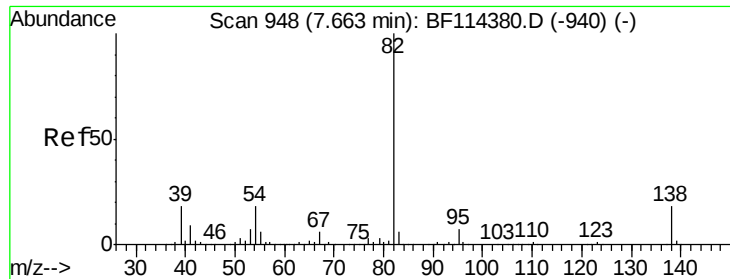
#23
Nitrobenzene-d5
Concen: 88.224 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114445.D
Acq: 21 May 2019 2:43

Tgt Ion: 82	Resp:	1128157
Ion	Ratio	Lower Upper
82	100	
128	45.5	35.5 53.3
54	58.0	48.5 72.7



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: 47.570 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

BNA_F

ClientSampleId :

BUS-2

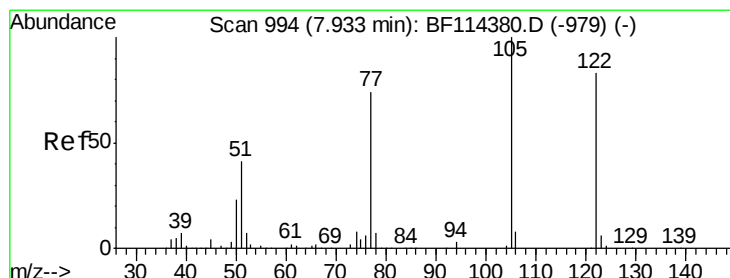
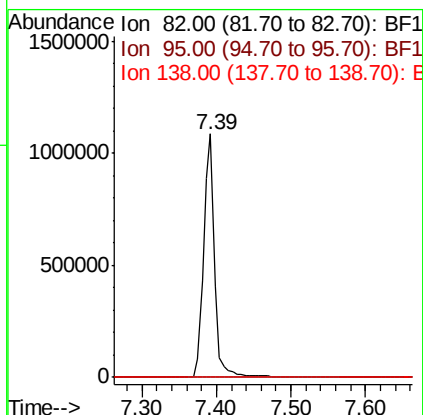
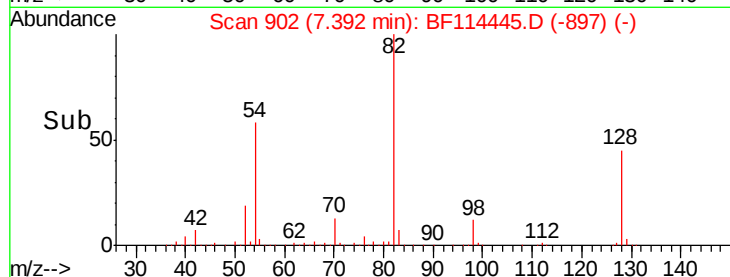
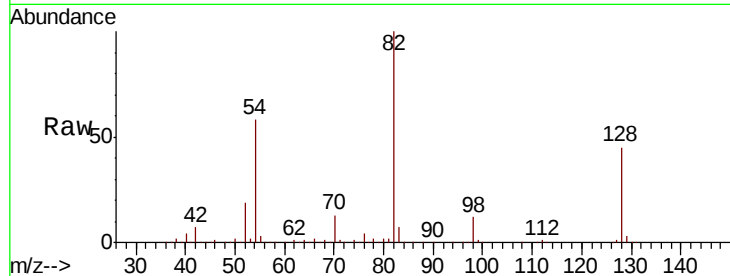
Tot Ion: 82 Resp: 1128148

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.053 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

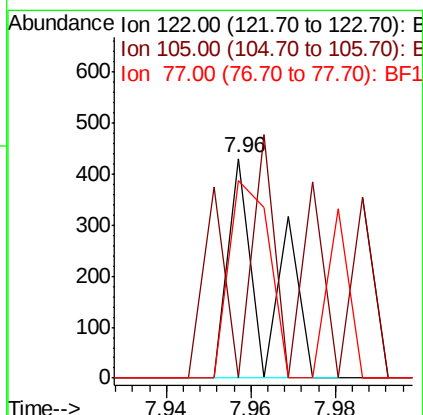
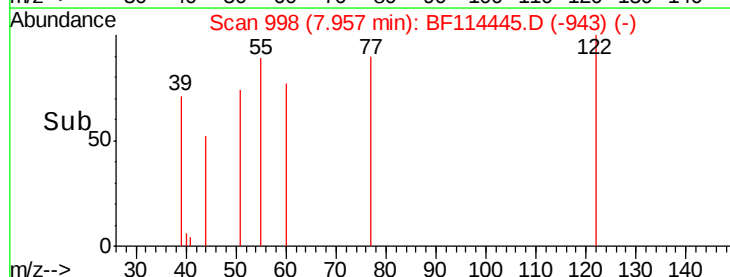
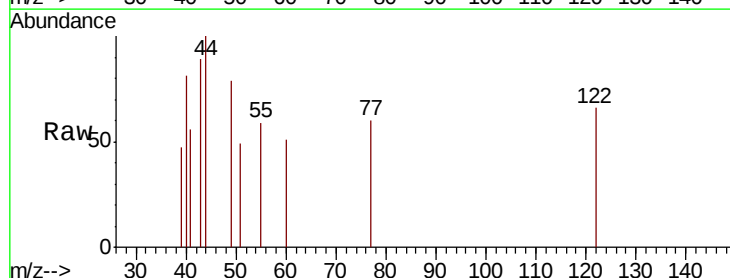
Tgt Ion: 122 Resp: 264

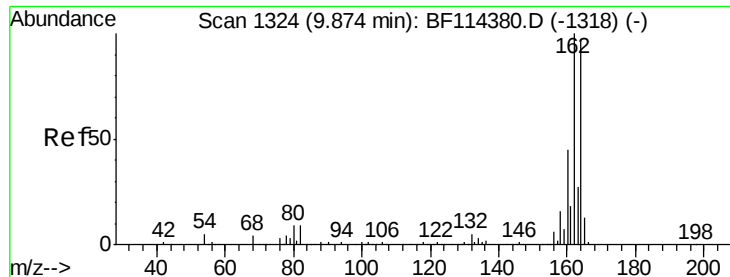
Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

77 90.0 69.4 109.4

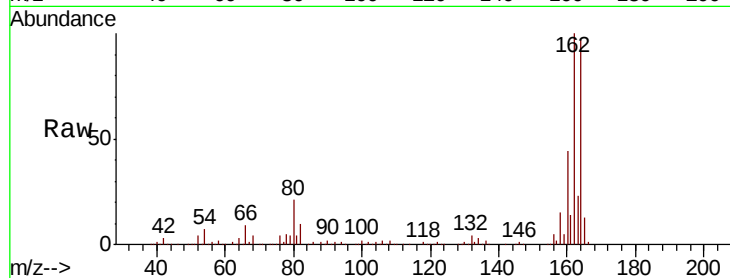




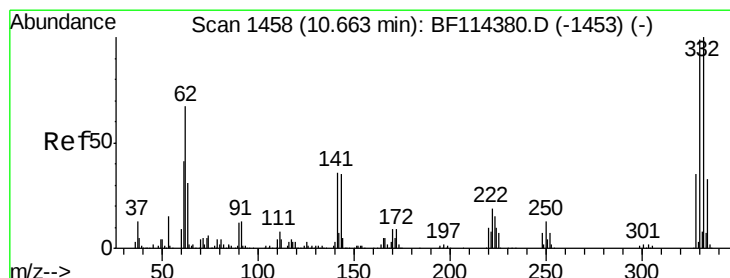
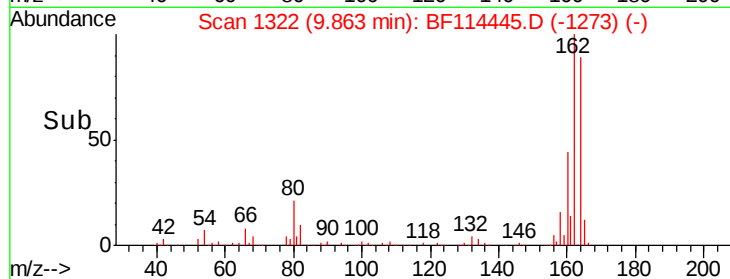
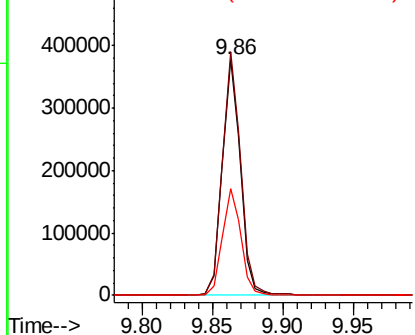
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	45.4	36.5	54.7

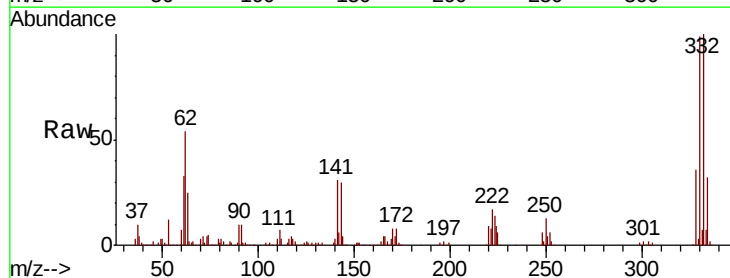


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

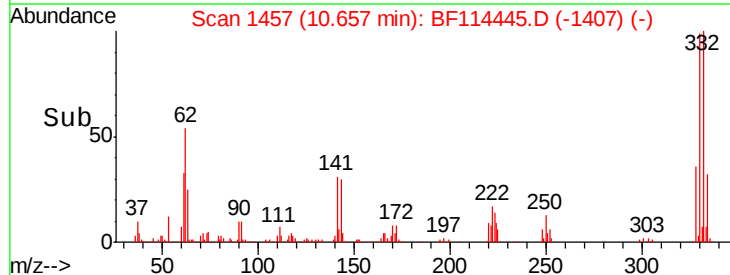
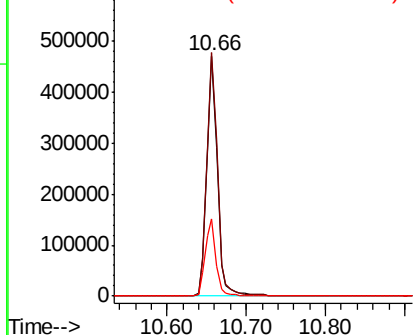


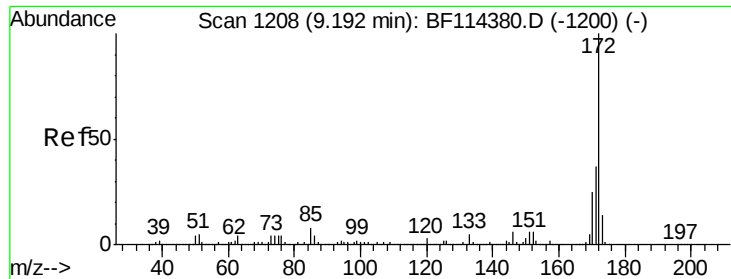
#42
 2,4,6-Tribromophenol
 Concen: 129.346 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	32.2	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

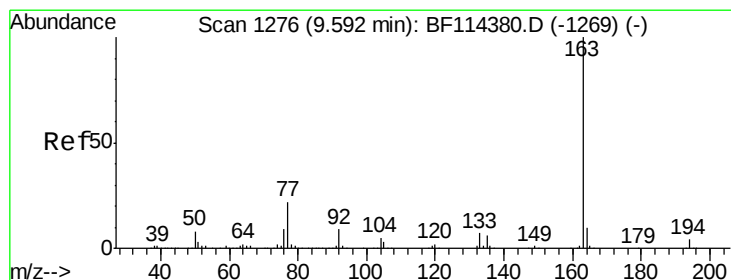
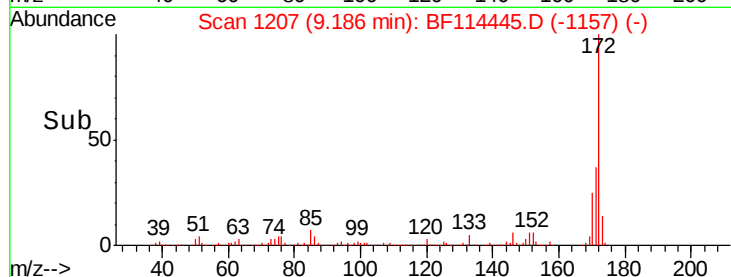
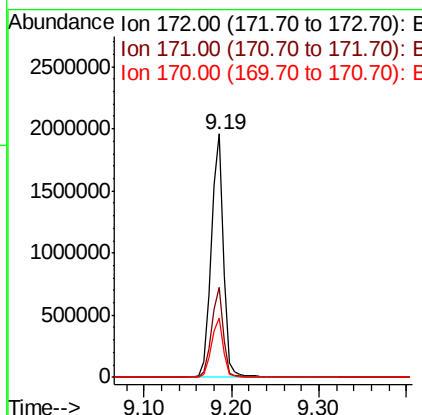
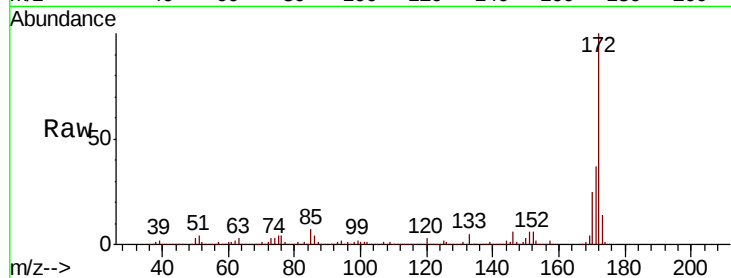




#45
2-Fluorobiphenyl
Concen: 85.796 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114445.D
Acq: 21 May 2019 2:43

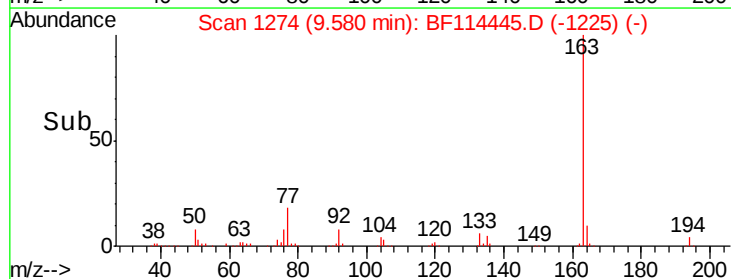
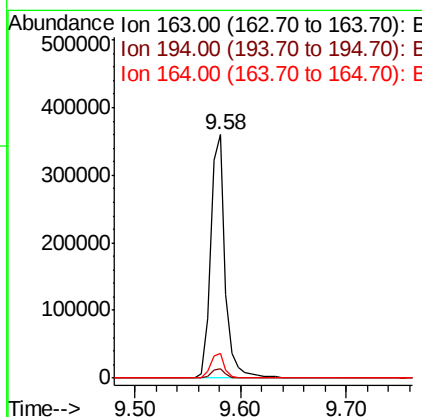
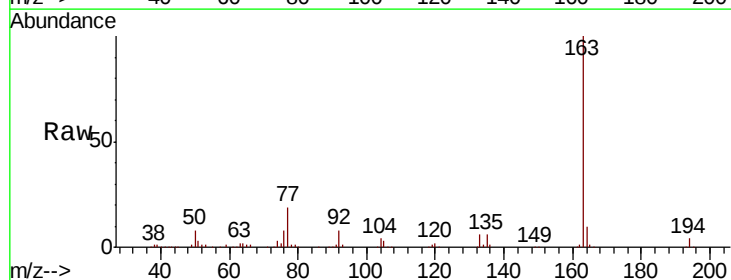
Instrument :
BNA_F
ClientSampled :
BUS-2

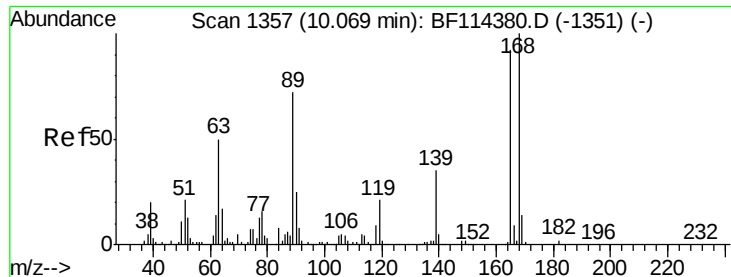
Tot Ion:172 Resp: 1906227
Ion Ratio Lower Upper
172 100
171 36.8 30.7 46.1
170 24.5 20.5 30.7



#50
Dimethylphthalate
Concen: 14.089 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114445.D
Acq: 21 May 2019 2:43

Tgt Ion:163 Resp: 347615
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.2 12.2

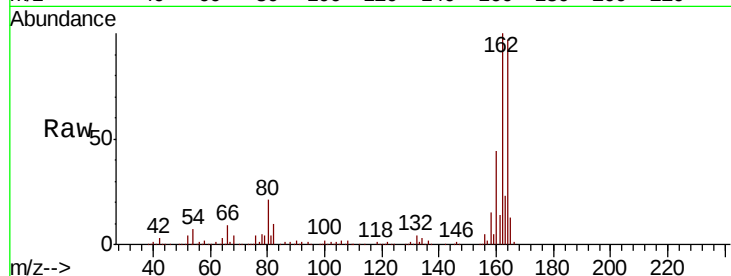




#57
 2,4-Dinitrotoluene
 Concen: 5.760 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.8	55.2	82.8#
182	0.0	2.2	3.2#

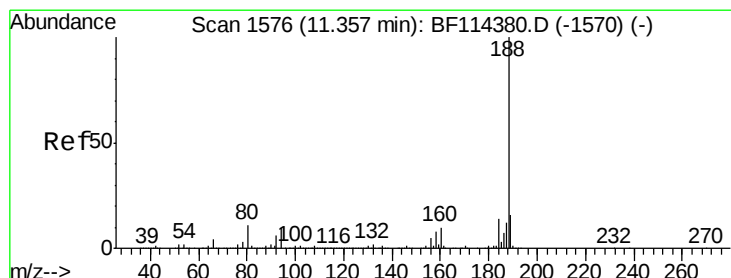
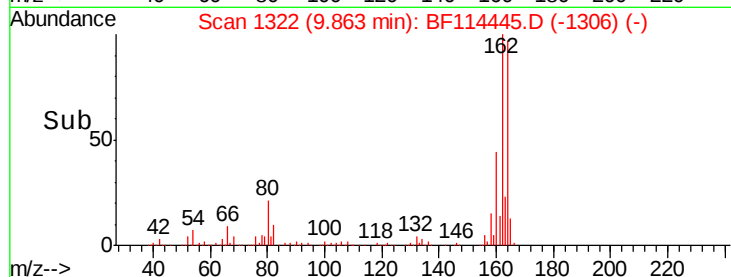
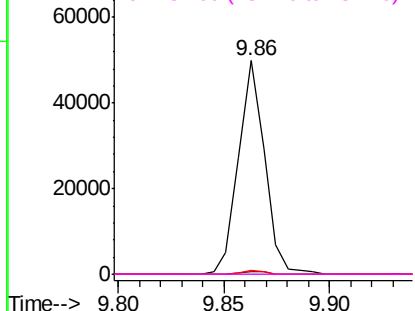


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

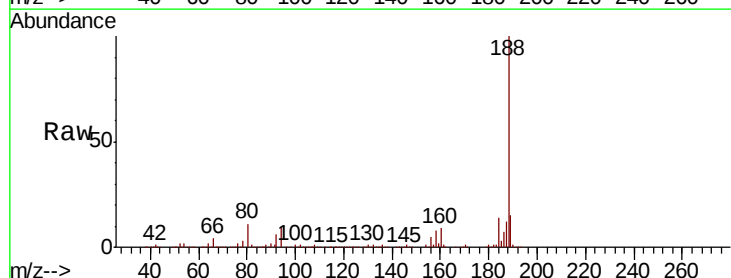
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

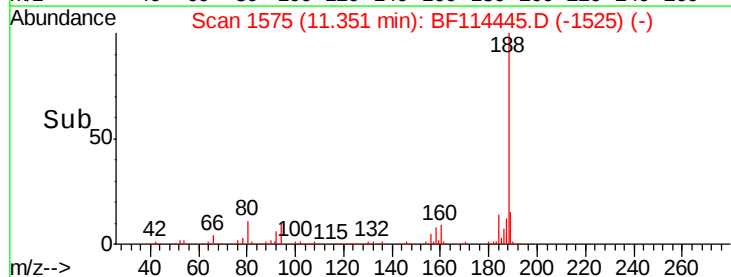
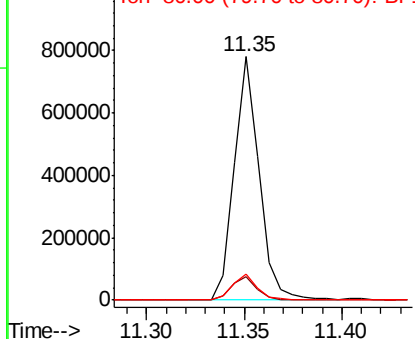
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.4	12.6
80	10.5	9.2	13.8

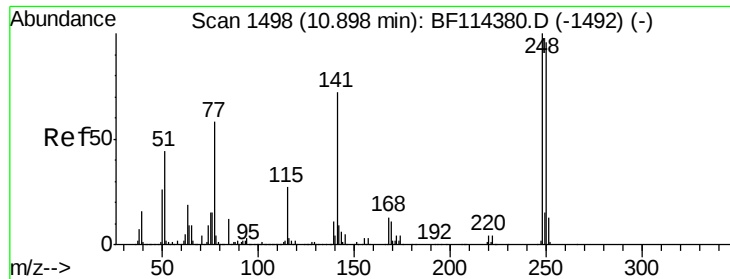


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

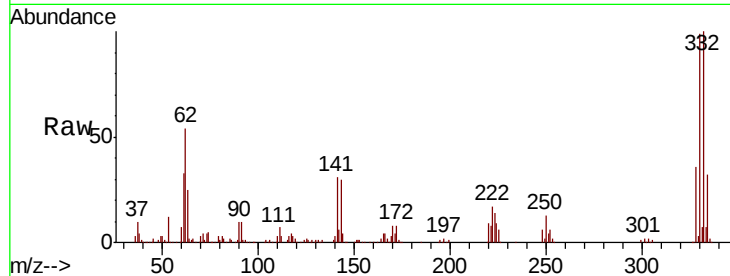




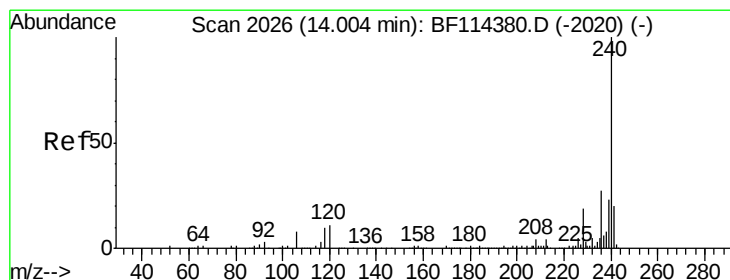
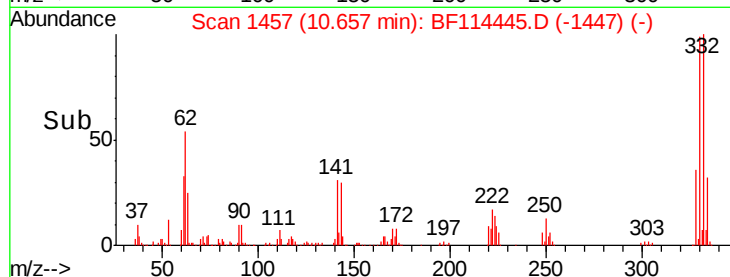
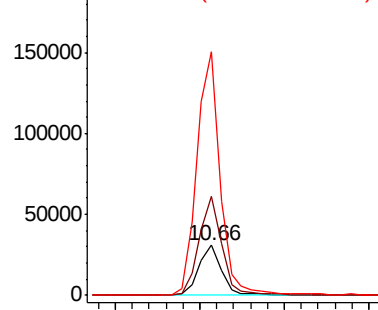
#67
 4-Bromophenyl-phenylether
 Concen: 3.840 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Tot Ion:248 Resp: 29218
 Ion Ratio Lower Upper
 248 100
 250 197.1 77.4 116.2#
 141 484.2 55.6 83.4#

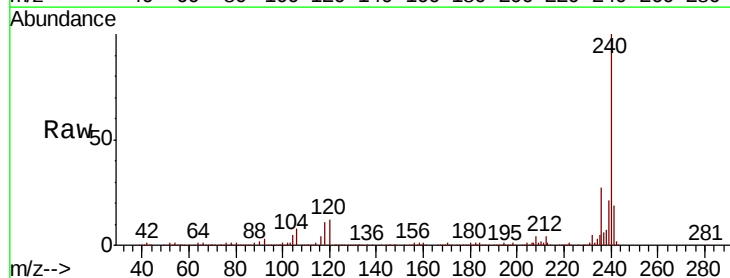


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

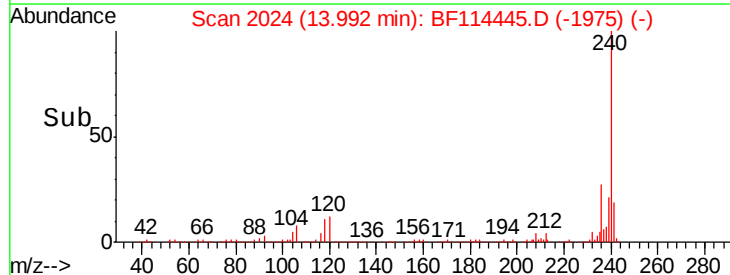
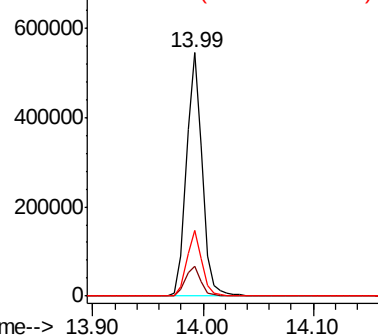


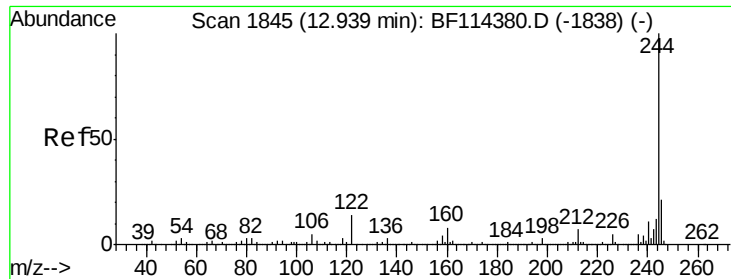
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Tgt Ion:240 Resp: 529383
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.3 12.5
 236 27.2 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





#79

Terphenyl-d14

Concen: 78.931 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

BNA_F

ClientSampleID :

BUS-2

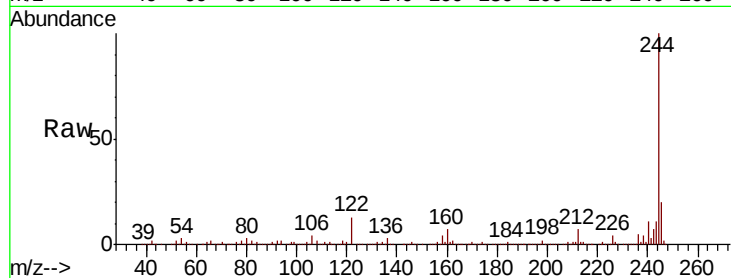
Tot Ion:244 Resp: 2026987

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

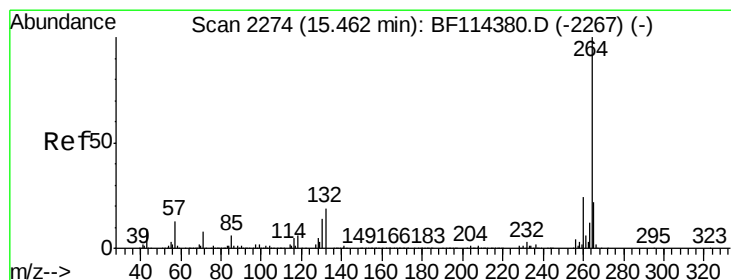
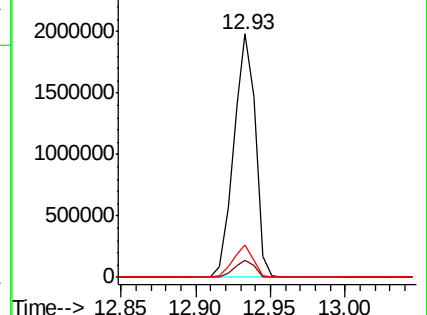
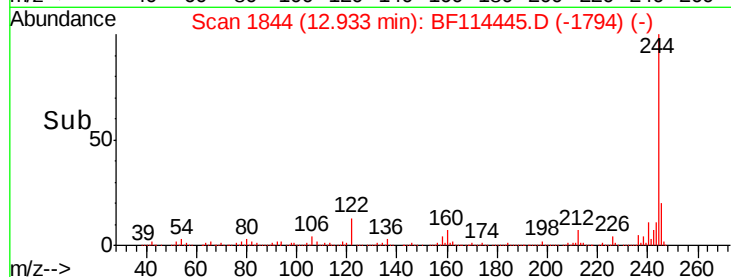
122 13.4 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

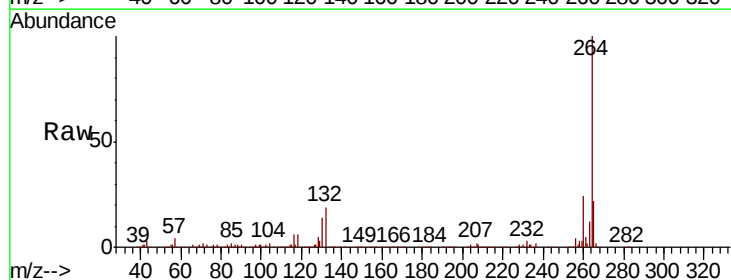
Tgt Ion:264 Resp: 511403

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.2 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

