

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114138.D
 Acq On : 10 May 2019 23:13
 Operator : JU/SJ
 Sample : K2762-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0206-01

Quant Time: May 11 04:03:36 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	293486	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1040129	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	438762	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	823250	20.00	ng	0.00
76) Chrysene-d12	14.00	240	621348	20.00	ng	-0.02
87) Perylene-d12	15.47	264	526467	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1477319	81.01	ng	0.00
7) Phenol-d6	6.49	99	1902617	88.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	1075749	58.04	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	350879	77.35	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1432310	49.38	ng	0.00
79) Terphenyl-d14	12.95	244	1367129	45.36	ng	0.00

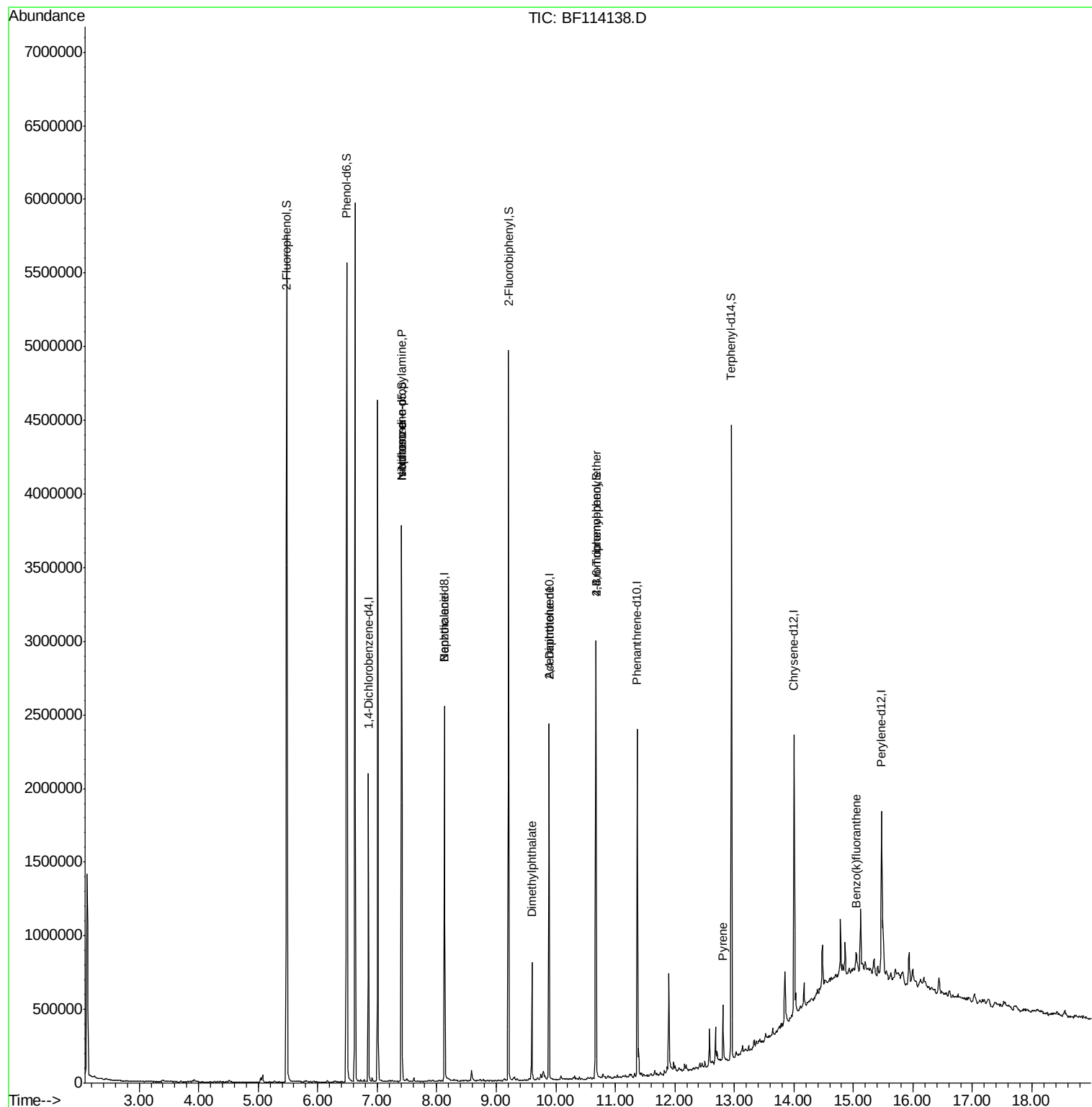
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	143317	10.483	ng	# 75
25) Isophorone	7.41	82	1069933	31.127	ng	# 64
32) Benzoic acid	8.14	122	287	7.045	ng	# 1
50) Dimethylphthalate	9.60	163	288631	8.961	ng	100
57) 2,4-Dinitrotoluene	9.89	165	57169	5.896	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	22306	2.461	ng	# 1
78) Pyrene	12.81	202	137647	2.754	ng	97
89) Benzo(k)fluoranthene	15.04	252	62664	2.023	ng	# 77

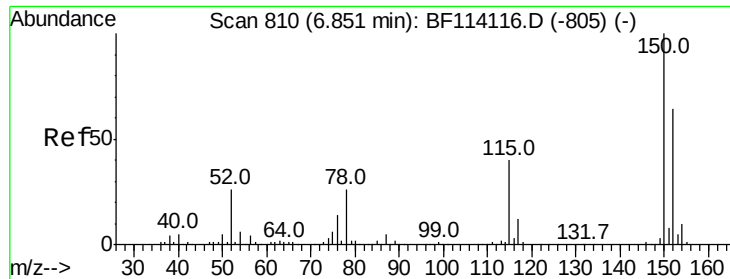
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0206-01

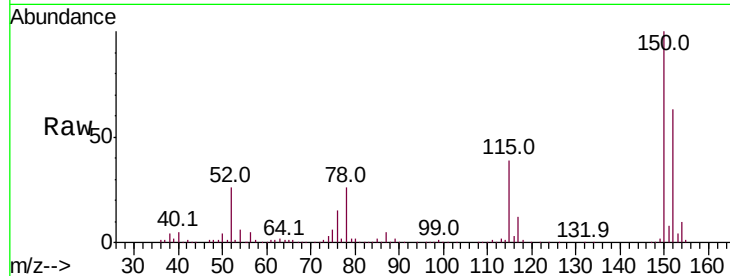
Tot Ion:152 Resp: 293486

Ion Ratio Lower Upper

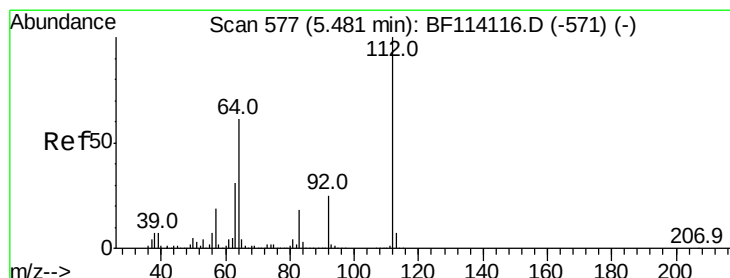
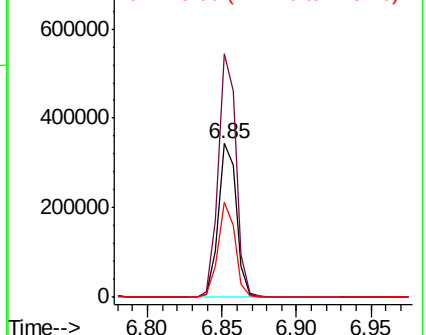
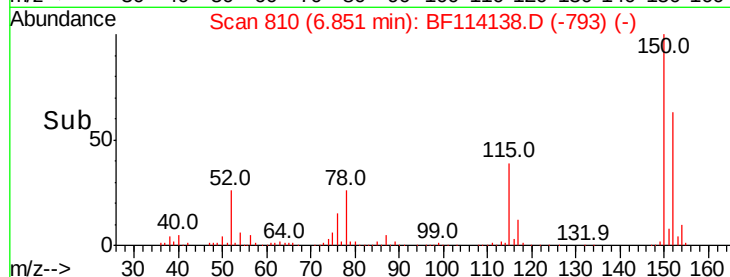
152 100

150 158.3 124.3 186.5

115 61.8 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: 81.005 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

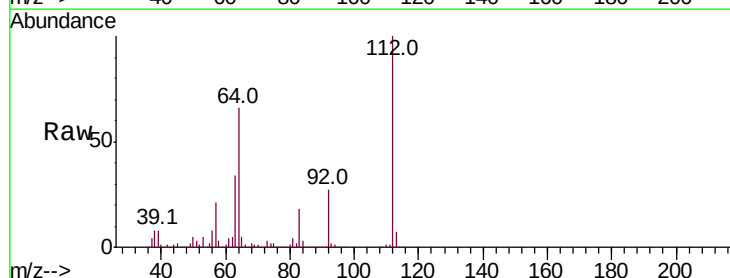
Tgt Ion:112 Resp: 1477319

Ion Ratio Lower Upper

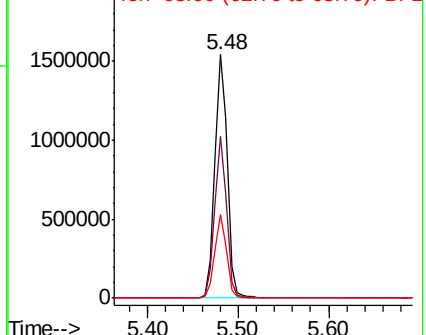
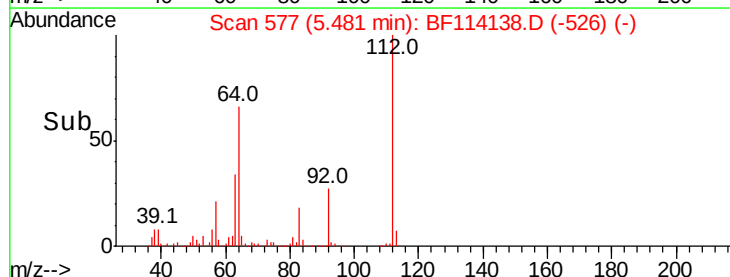
112 100

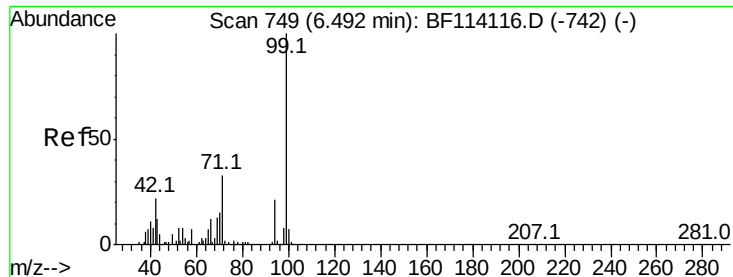
64 66.3 49.0 73.6

63 34.4 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: 88.207 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

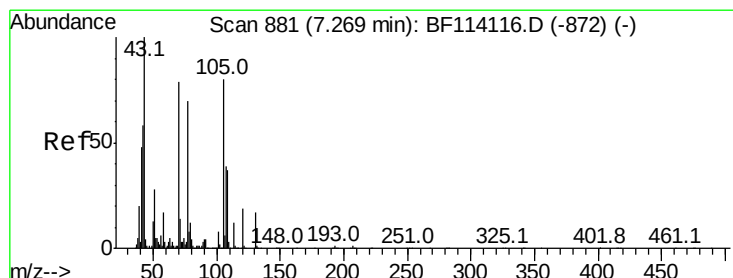
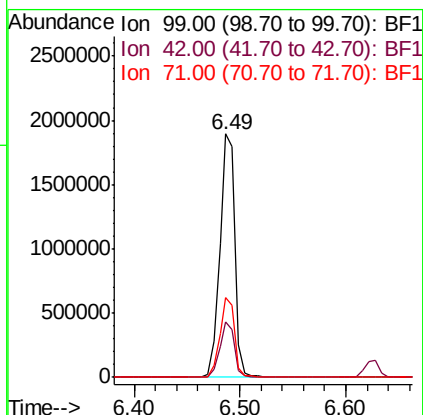
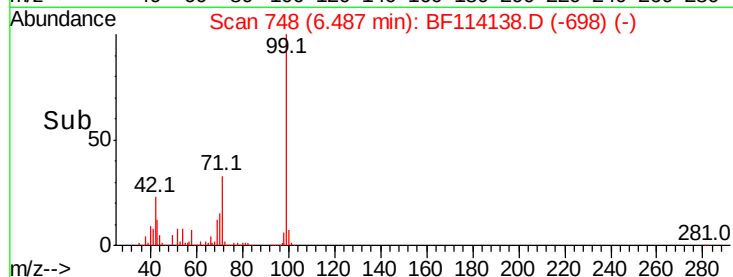
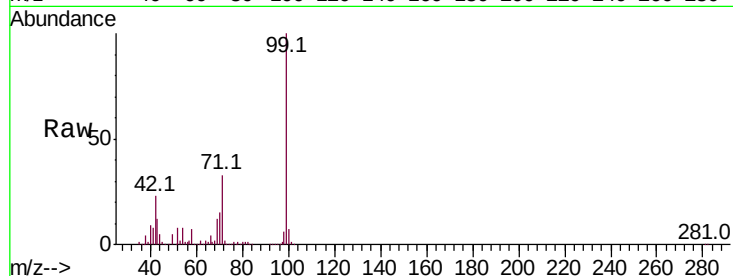
BNA_F

ClientSampleId :

P021-SS001-0206-01

Tot Ion: 99 Resp: 1902617

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.7	26.2	39.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.483 ng

RT: 7.41 min Scan# 905

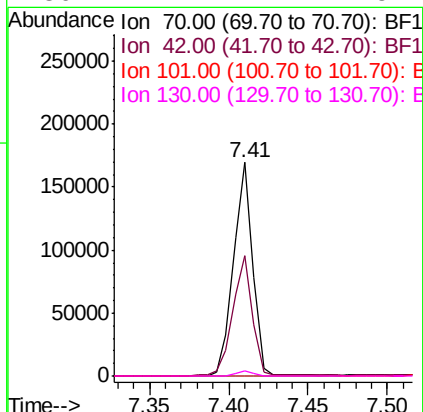
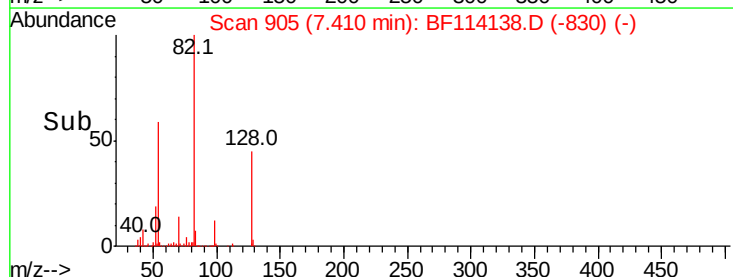
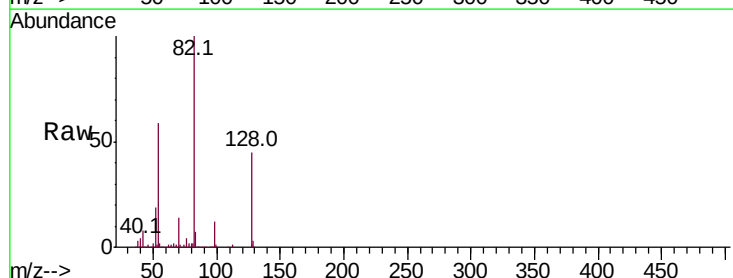
Delta R.T. 0.14 min

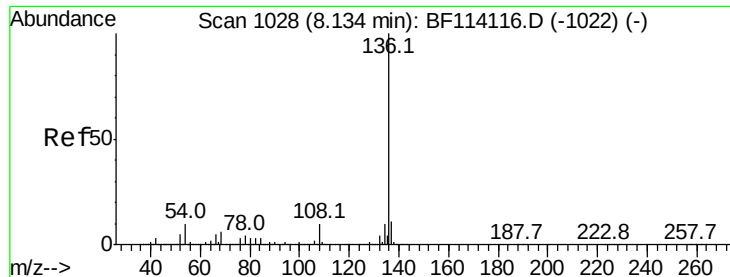
Lab File: BF114138.D

Acq: 10 May 2019 23:13

Tgt Ion: 70 Resp: 143317

Ion	Ratio	Lower	Upper
70	100		
42	56.2	58.6	87.8#
101	0.0	7.8	11.8#
130	2.4	17.1	25.7#

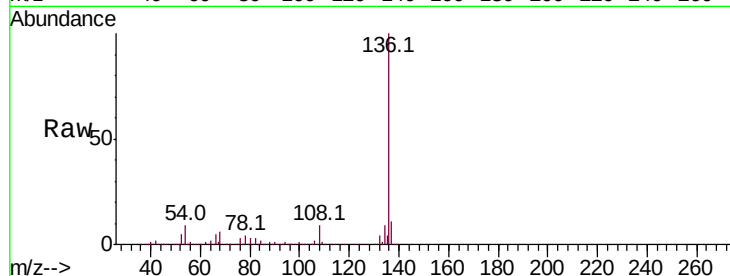




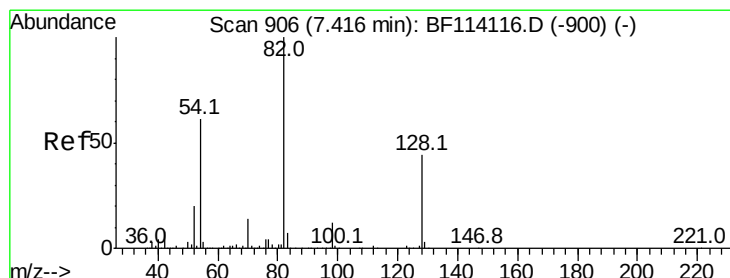
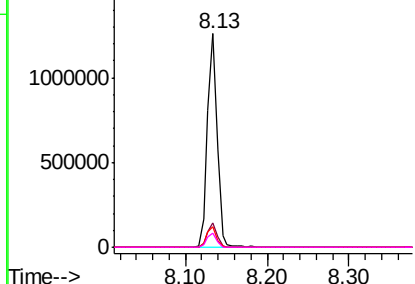
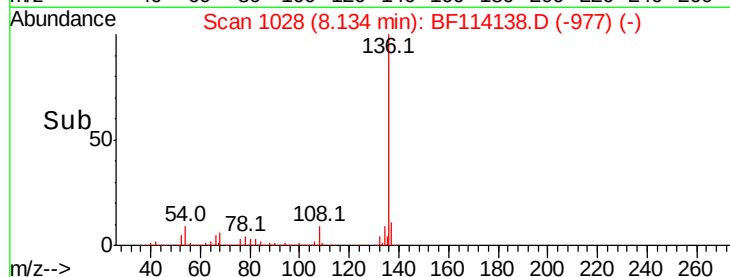
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0206-01

Tot Ion:136	Resp: 1040129
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 9.5	7.8 11.8
68 6.4	5.1 7.7

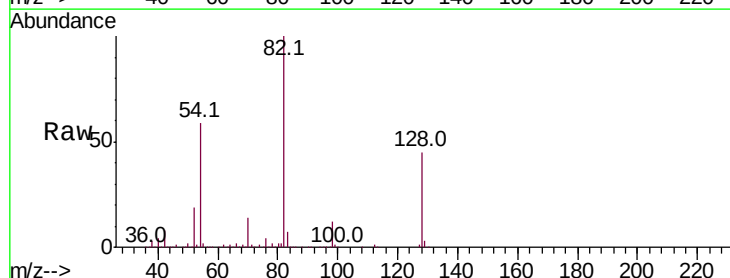


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

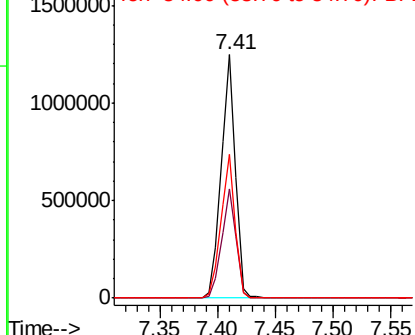
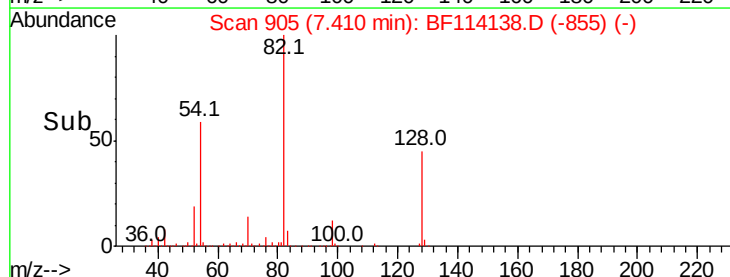


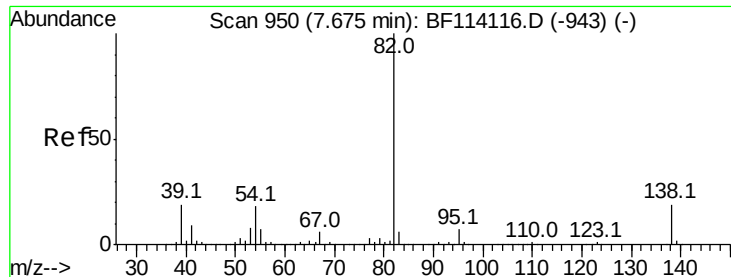
#23
Nitrobenzene-d5
Concen: 58.042 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Tgt Ion: 82	Ratio	Resp: 1075749	
82	100	Lower	Upper
128	44.9	35.5	53.3
54	58.9	48.5	72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.127 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0206-01

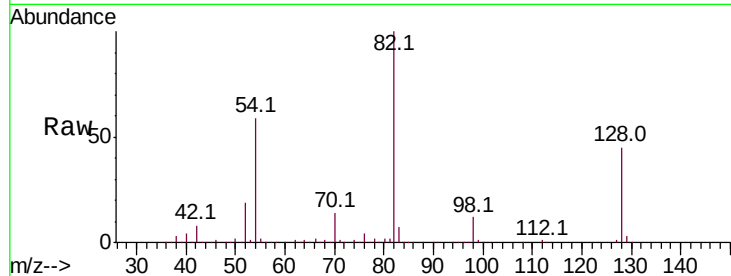
Tot Ion: 82 Resp: 1069933

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

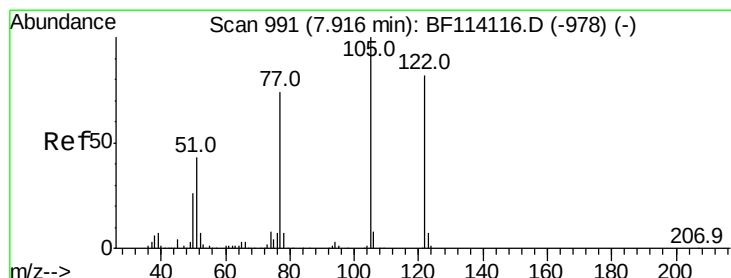
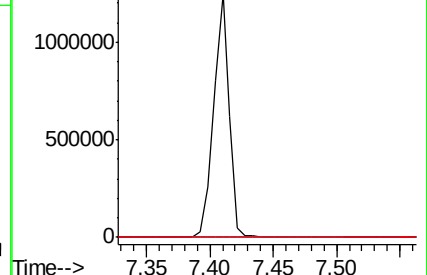
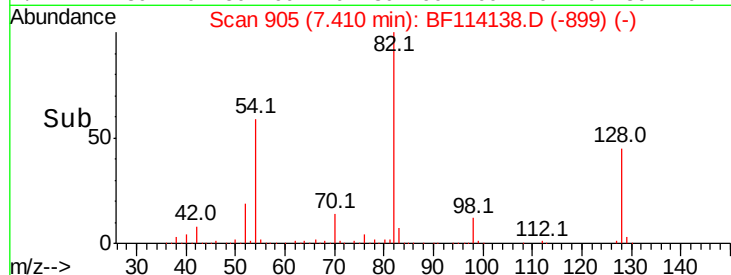
138 0.0 14.8 22.2#



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): BF1



#32

Benzoic acid

Concen: 7.045 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.22 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

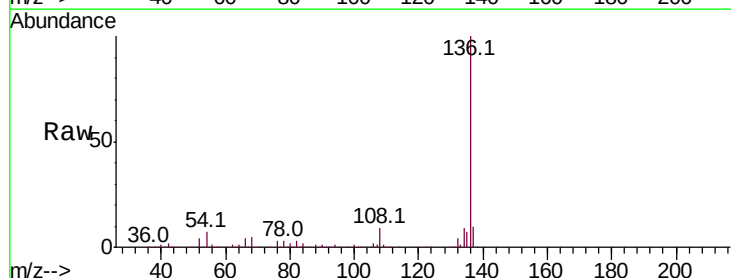
Tgt Ion:122 Resp: 287

Ion Ratio Lower Upper

122 100

105 138.2 99.9 139.9

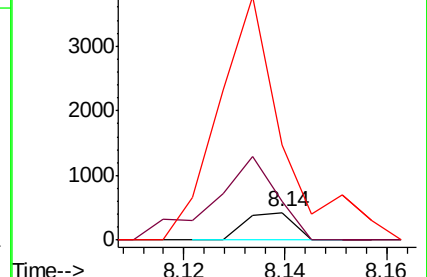
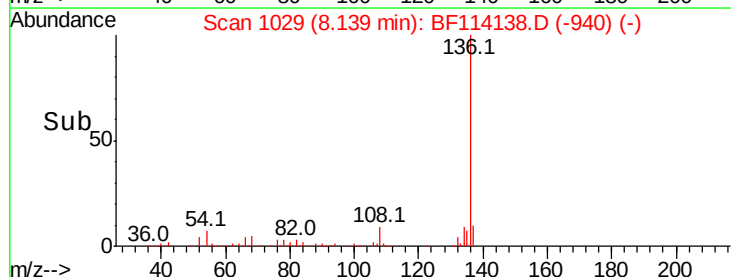
77 342.4 69.4 109.4#

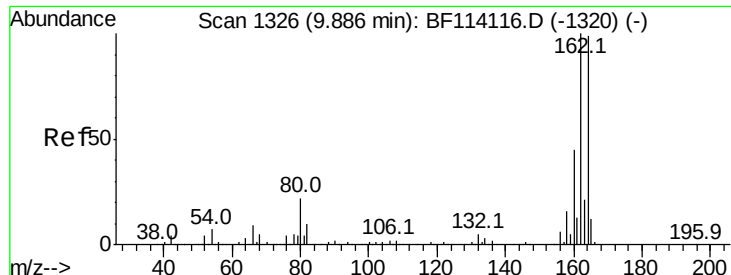


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

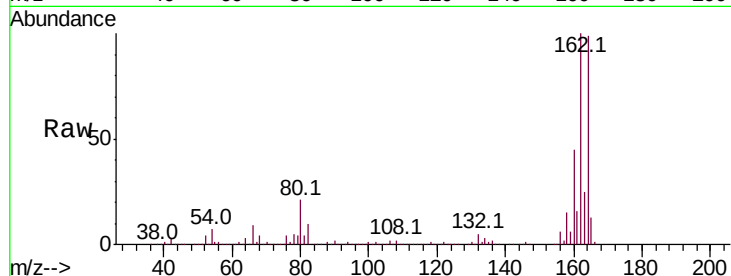




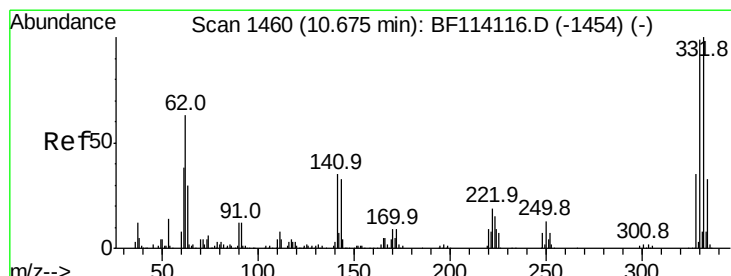
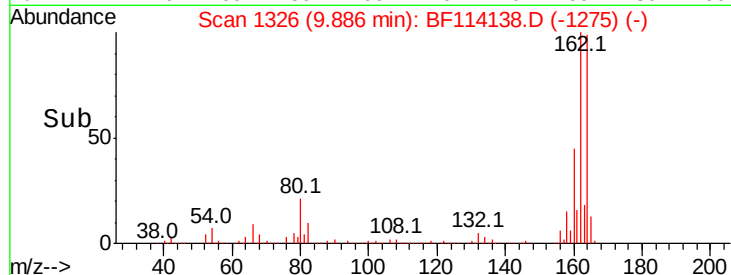
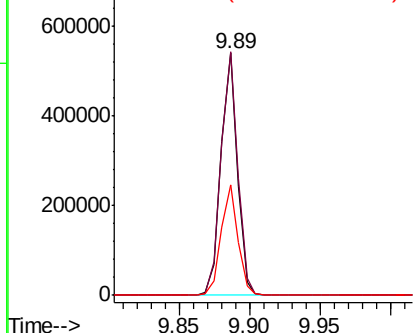
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0206-01

Tot Ion:164 Resp: 438762
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.7 36.5 54.7

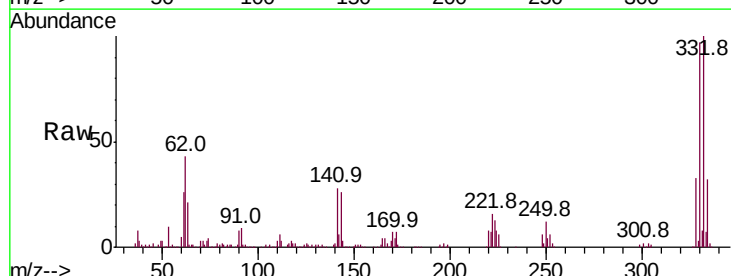


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

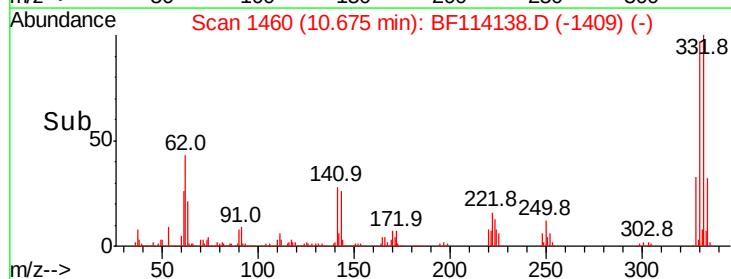
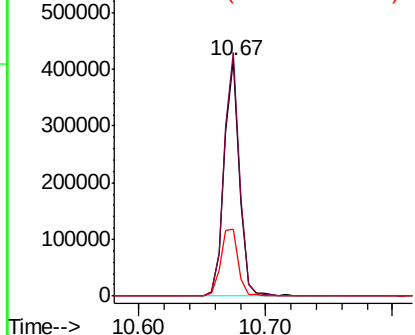


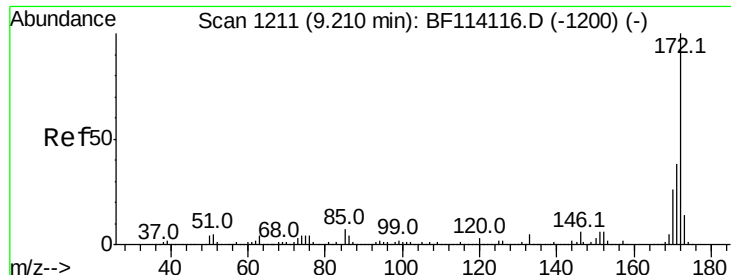
#42
2,4,6-Tribromophenol
Concen: 77.353 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Tgt Ion:330 Resp: 350879
Ion Ratio Lower Upper
330 100
332 103.4 81.4 122.2
141 33.2 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



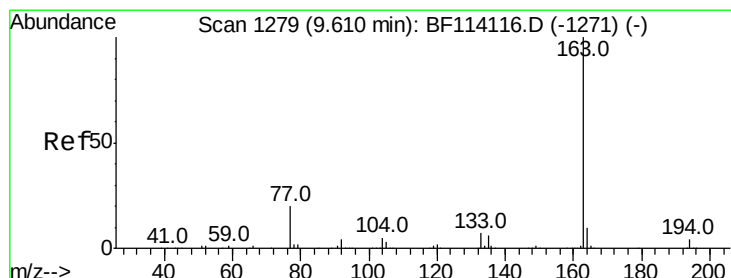
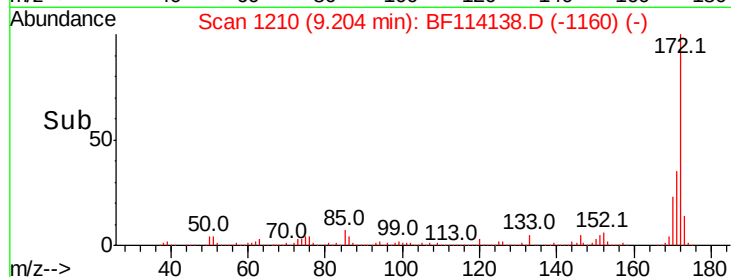
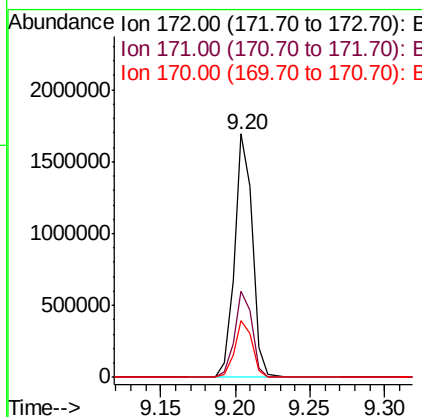
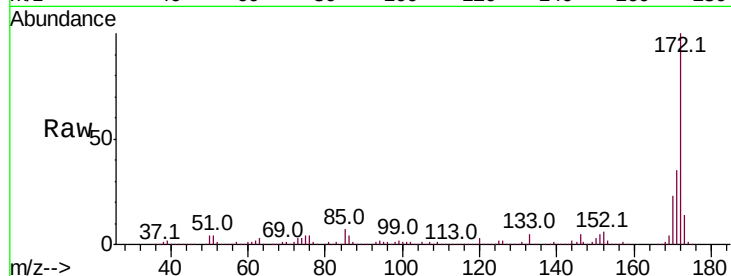


#45
 2-Fluorobiphenyl
 Concen: 49.380 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0206-01

Tot Ion:172 Resp: 1432310

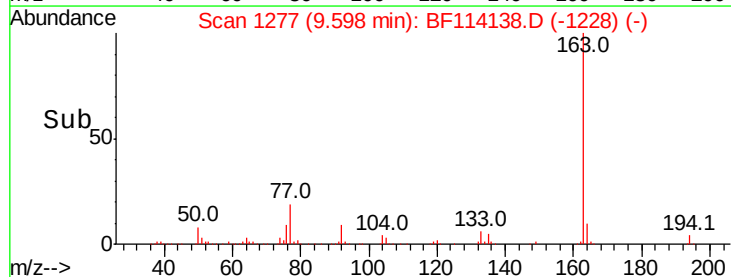
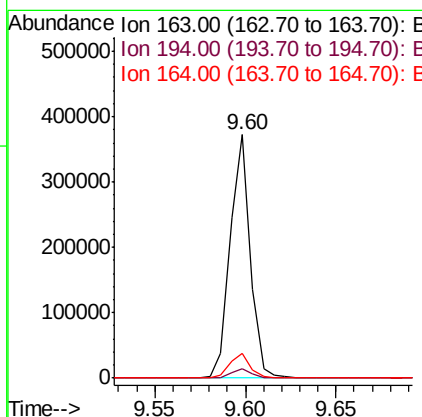
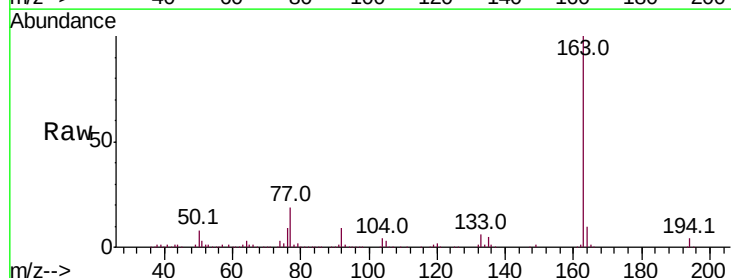
Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.7	46.1
170	23.2	20.5	30.7

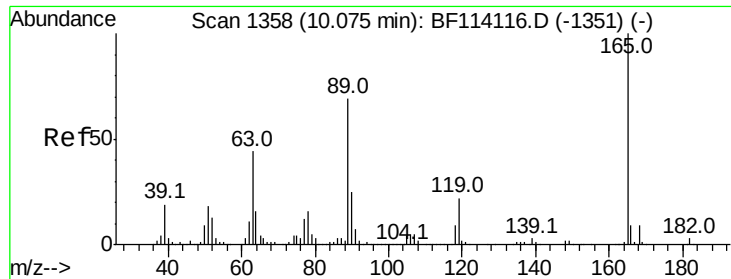


#50
 Dimethylphthalate
 Concen: 8.961 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Tgt Ion:163 Resp: 288631

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.2	12.2

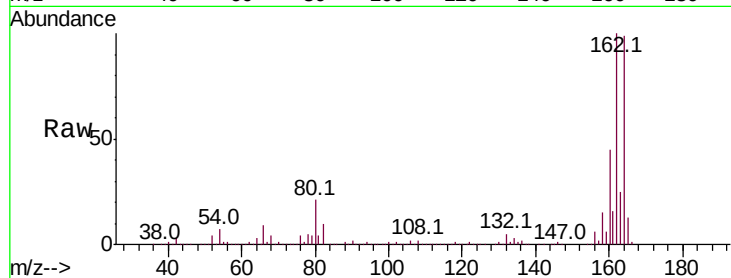




#57
 2,4-Dinitrotoluene
 Concen: 5.896 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0206-01

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.6	55.2	82.8#
182	0.0	2.2	3.2#



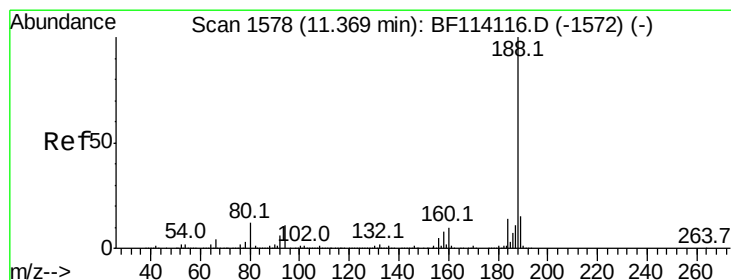
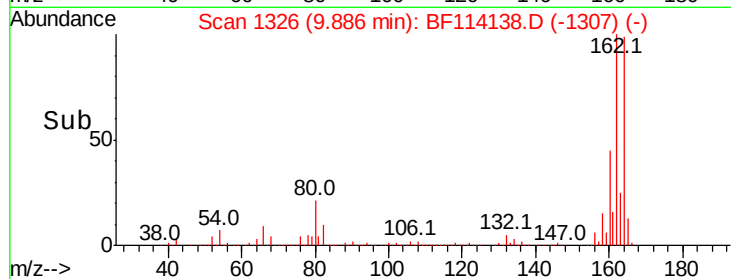
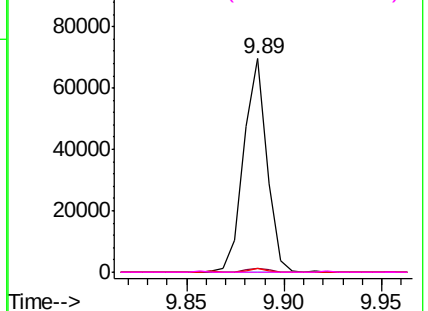
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

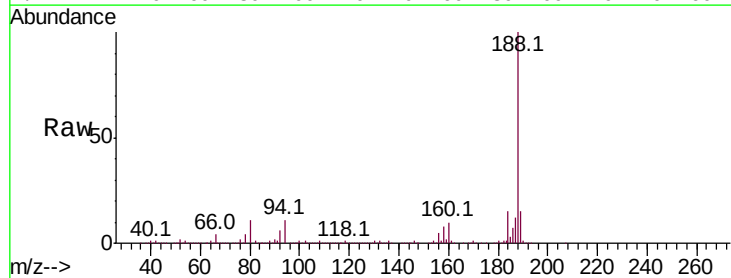
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	11.0	9.2	13.8

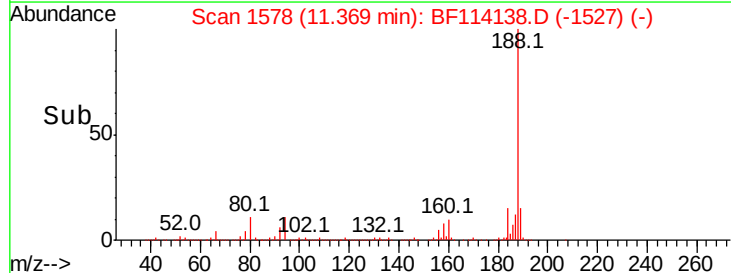
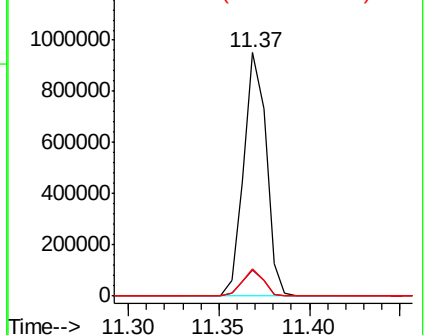


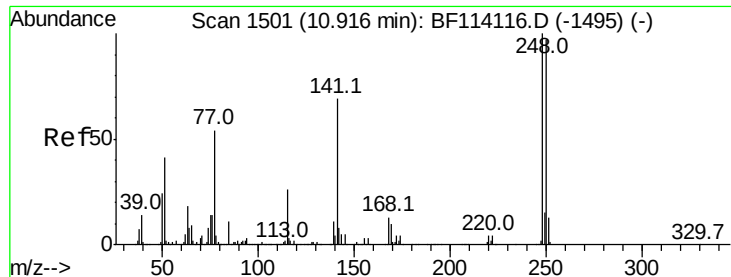
Abundance

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

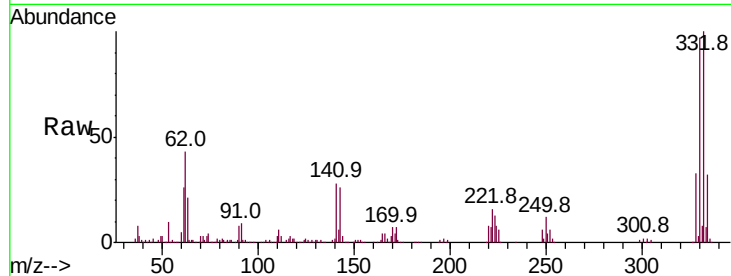




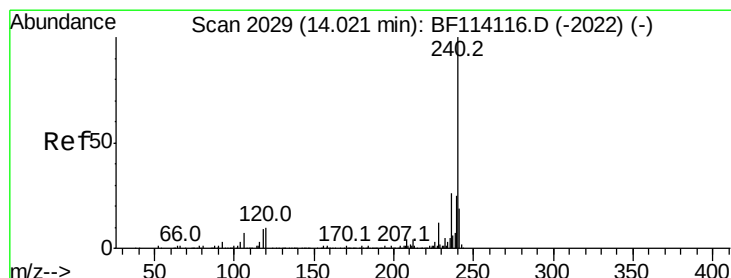
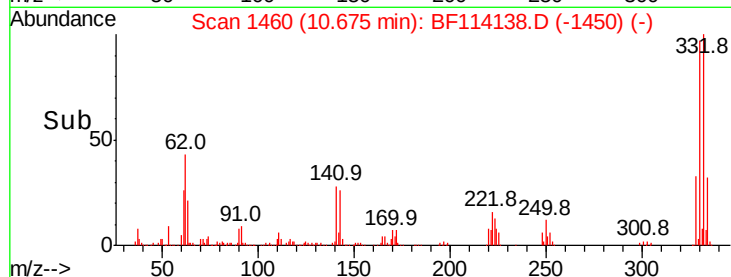
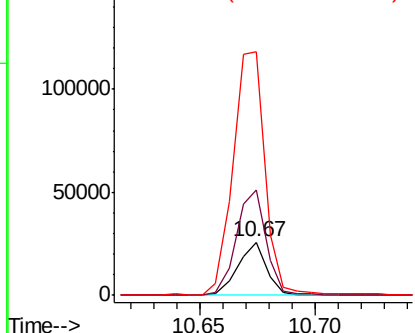
#67
4-Bromophenyl-phenylether
Concen: 2.461 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0206-01

Tot Ion:248 Resp: 22306
Ion Ratio Lower Upper
248 100
250 197.4 77.4 116.2#
141 455.0 55.6 83.4#

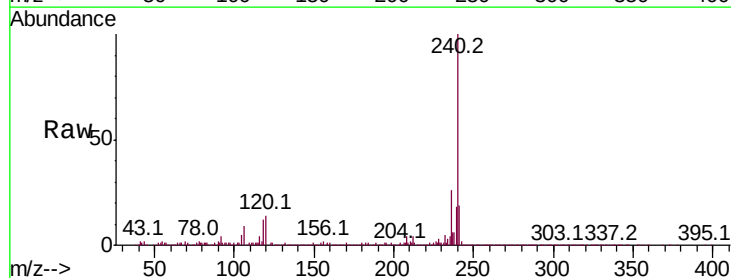


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

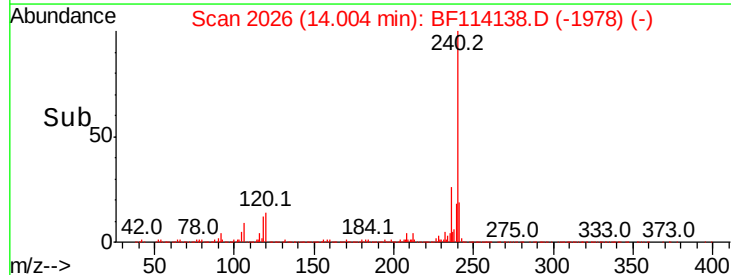
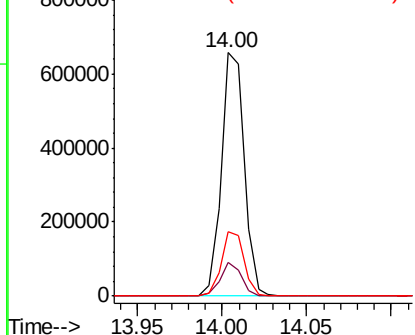


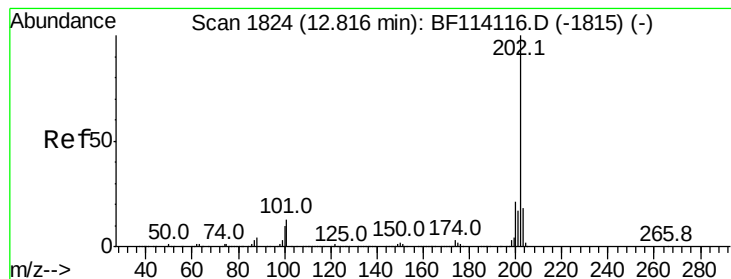
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Tgt Ion:240 Resp: 621348
Ion Ratio Lower Upper
240 100
120 13.9 8.3 12.5#
236 26.5 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

Pvrene

Concen: 2.754 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0206-01

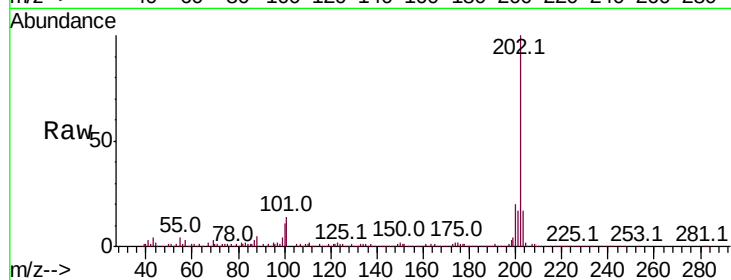
Tot Ion:202 Resp: 137647

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

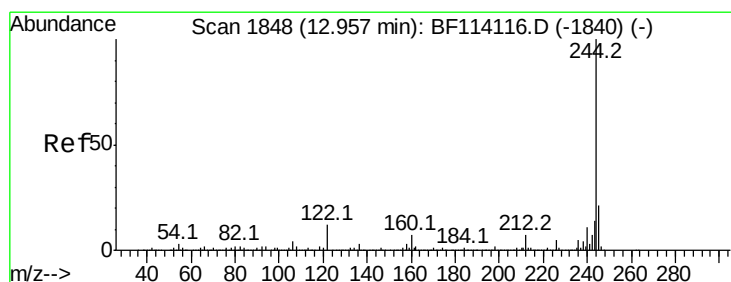
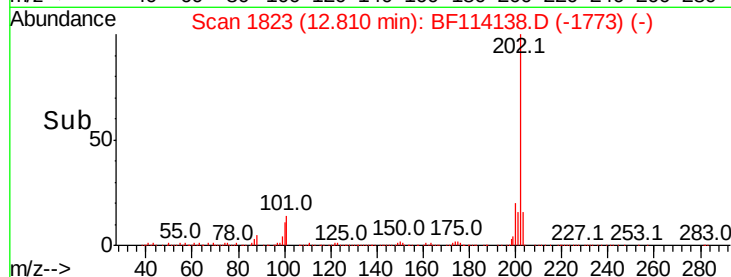
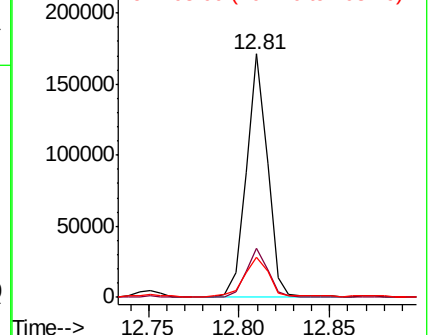
203 16.5 14.5 21.7



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: 45.357 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

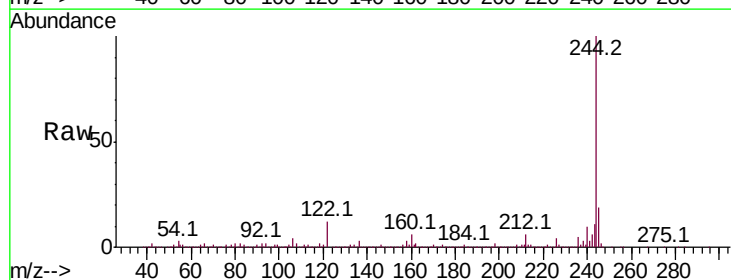
Tgt Ion:244 Resp: 1367129

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

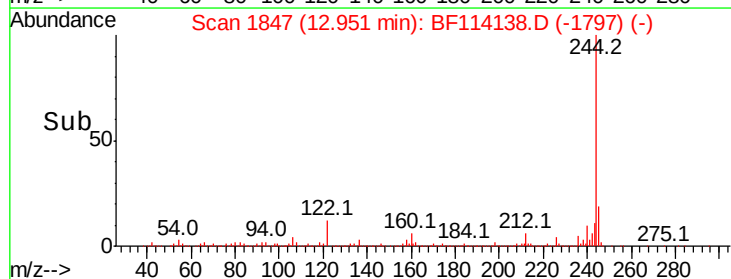
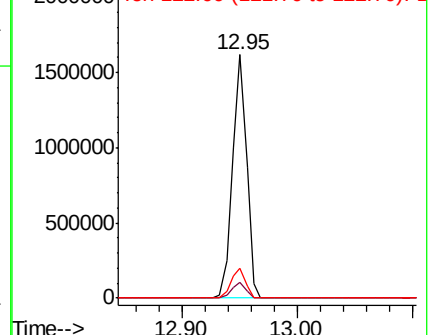
122 12.3 9.4 14.2

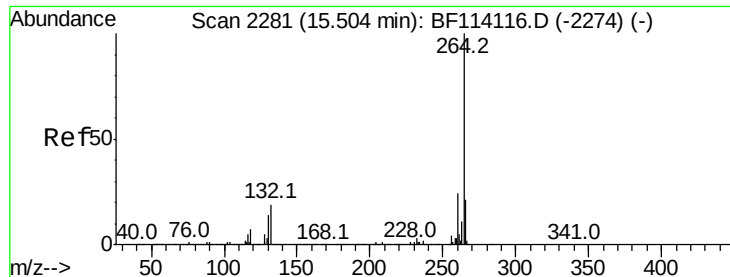


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

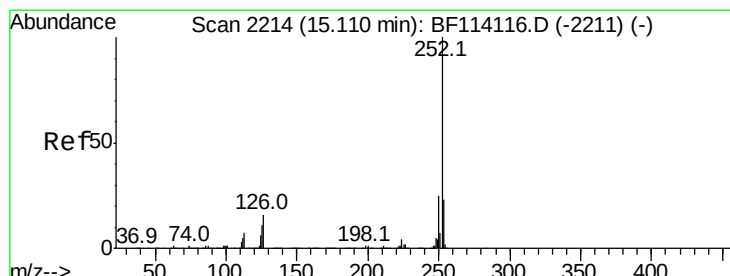
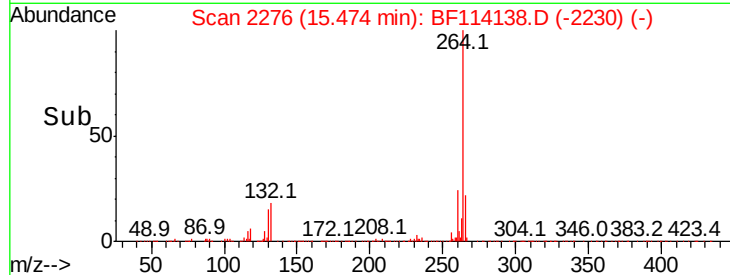
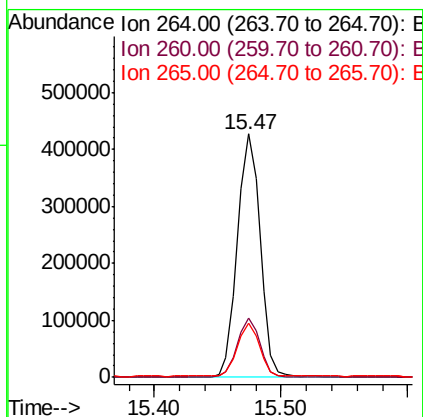
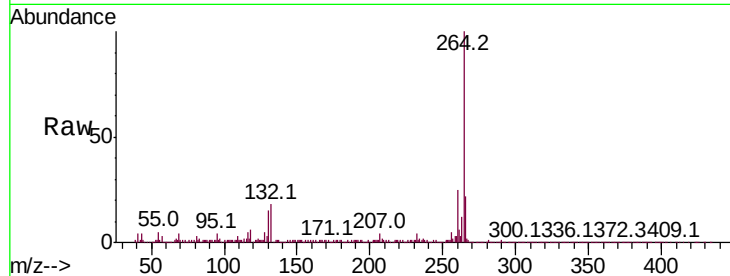




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0206-01

Tot Ion:264	Resp:	526467
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.4 29.0
265	22.2	16.9 25.3



#89
Benzo(k)fluoranthene
Concen: 2.023 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.06 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Tgt Ion:252	Resp:	62664
Ion Ratio	Lower	Upper
252	100	
253	31.3	18.2 27.2#
125	23.5	8.6 13.0#

