

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114136.D
 Acq On : 10 May 2019 22:21
 Operator : JU/SJ
 Sample : K2764-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS009-0002-01

Quant Time: May 11 04:03:06 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

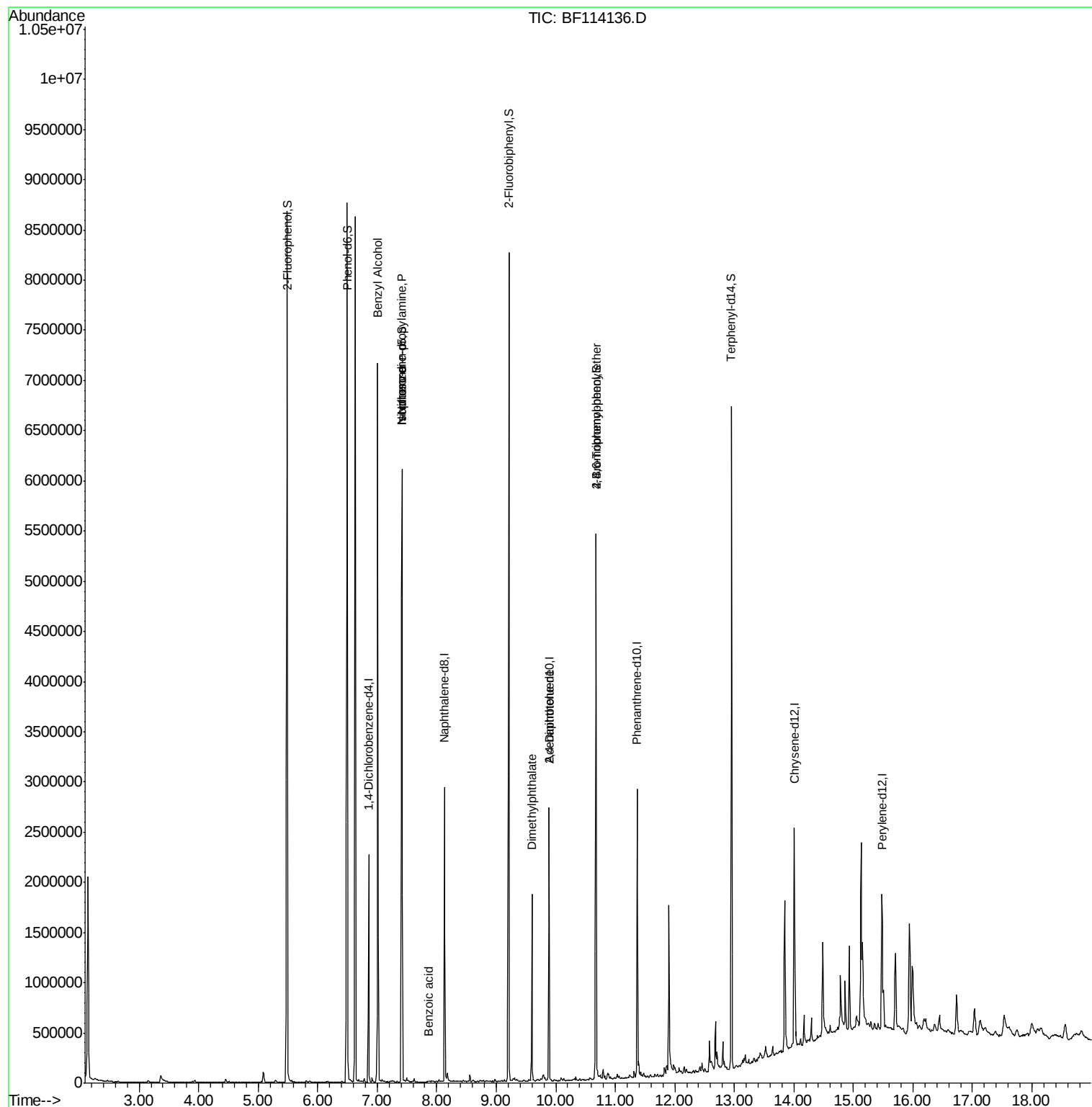
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	340403	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1174149	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	476916	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	950195	20.00	ng	0.00
76) Chrysene-d12	14.01	240	731335	20.00	ng	-0.01
87) Perylene-d12	15.48	264	625258	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2403661	113.63	ng	0.00
7) Phenol-d6	6.50	99	3126768	124.98	ng	0.00
23) Nitrobenzene-d5	7.42	82	1912324	91.40	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	622675	126.29	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2569245	81.49	ng	0.00
79) Terphenyl-d14	12.95	244	2350054	66.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.01	79	51920	2.661	ng	# 46
19) n-Nitroso-di-n-propylamine	7.42	70	257865	16.261	ng	# 76
25) Isophorone	7.42	82	1903664	49.061	ng	# 64
32) Benzoic acid	7.86	122	522	7.059	ng	95
50) Dimethylphthalate	9.60	163	649960	18.565	ng	99
57) 2,4-Dinitrotoluene	9.89	165	62338	5.915	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	40015	3.825	ng	# 1

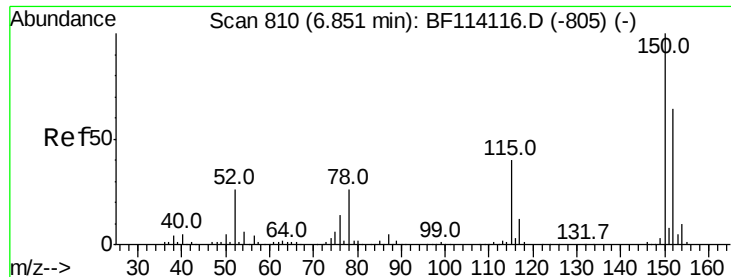
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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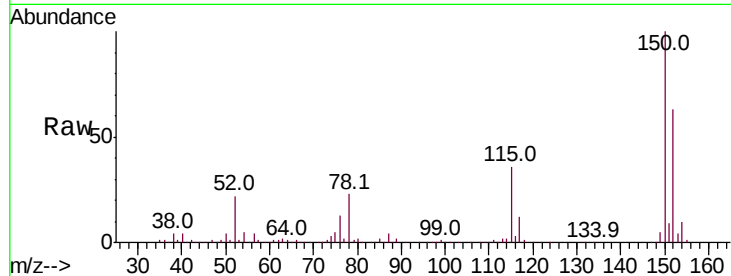


#1

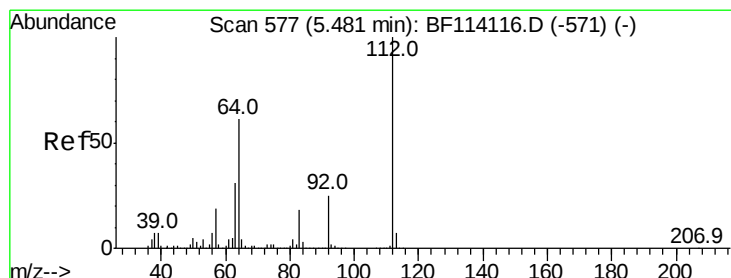
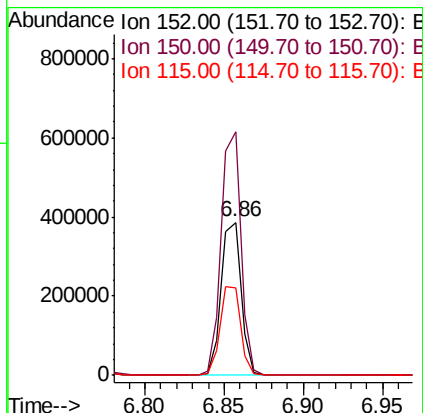
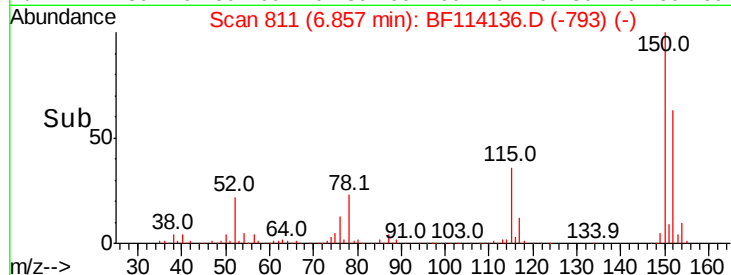
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
P021-SS009-0002-01

Tot Ion:152 Resp: 340403
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 57.5 49.1 73.7



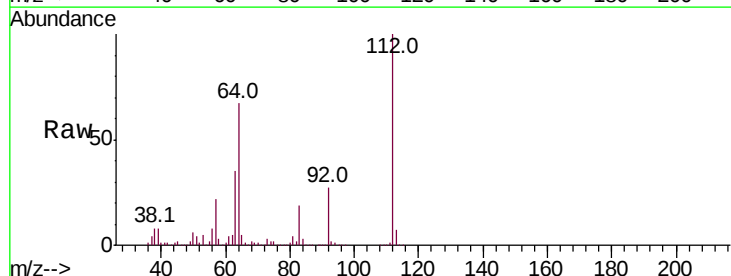
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



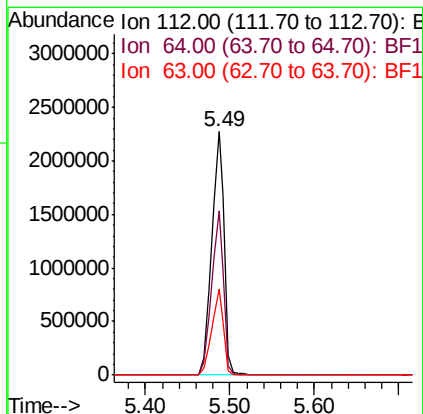
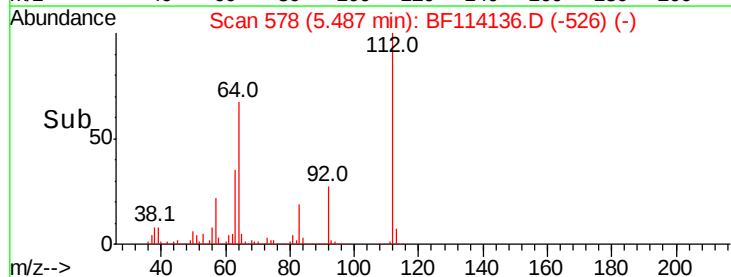
#5

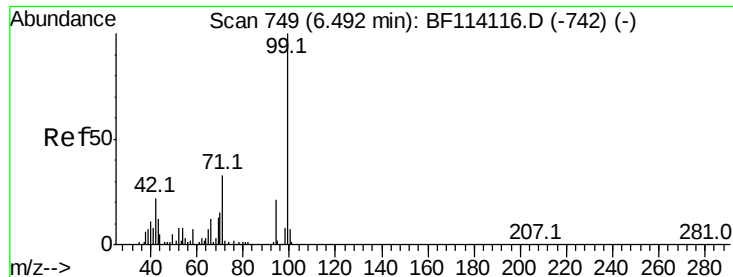
2-Fluorophenol
Concen: 113.634 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Tgt Ion:112 Resp: 2403661
Ion Ratio Lower Upper
112 100
64 67.4 49.0 73.6
63 35.3 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: 124.981 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

P021-SS009-0002-01

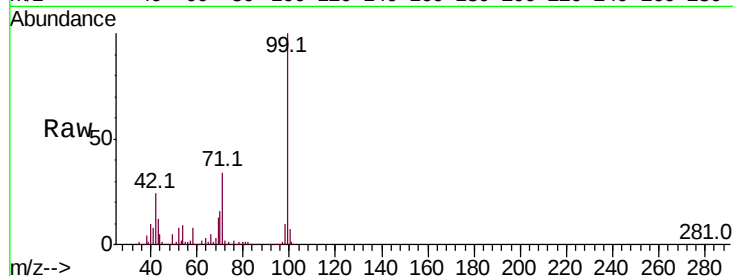
Tot Ion: 99 Resp: 3126768

Ion Ratio Lower Upper

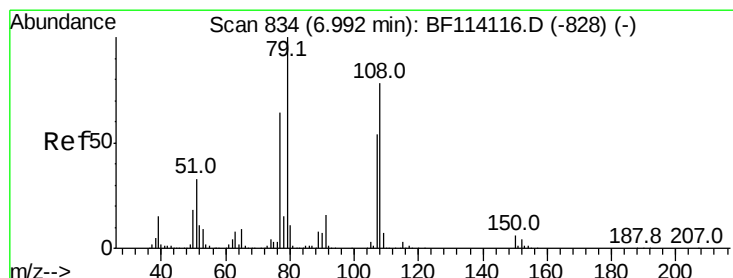
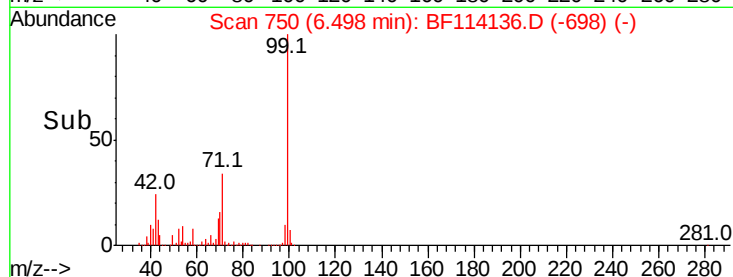
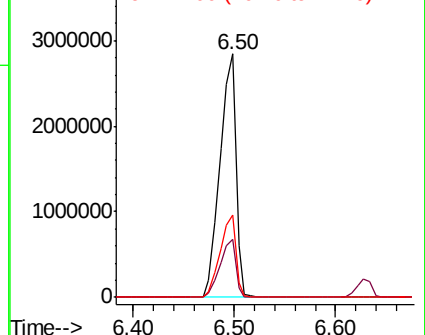
99 100

42 23.9 17.9 26.9

71 34.0 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



#15

Benzyl Alcohol

Concen: 2.661 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

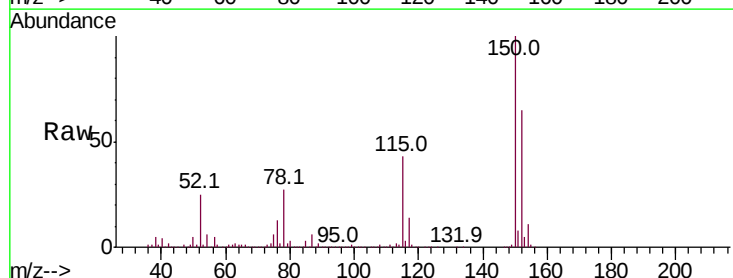
Tgt Ion: 79 Resp: 51920

Ion Ratio Lower Upper

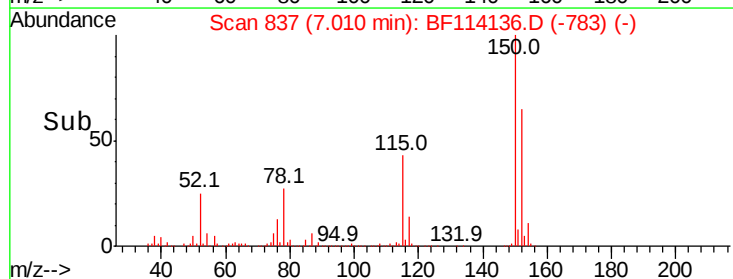
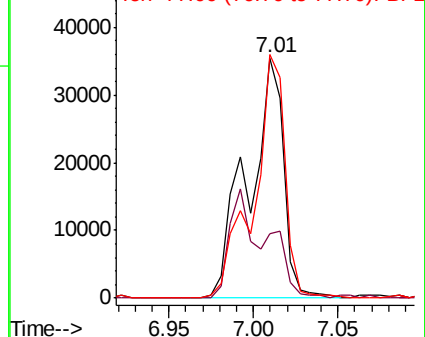
79 100

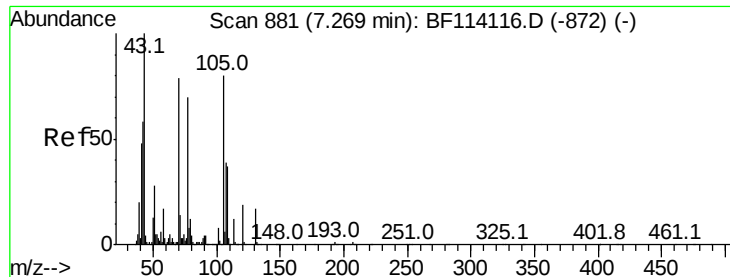
108 26.6 62.1 93.1#

77 101.3 51.0 76.6#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

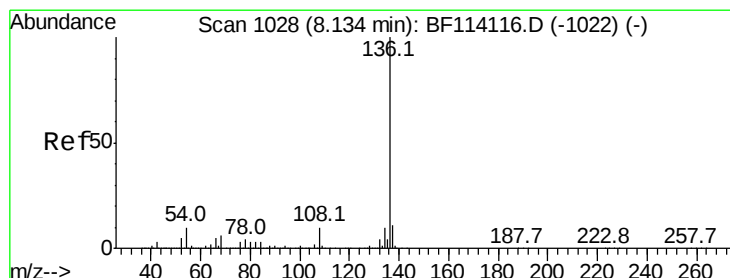
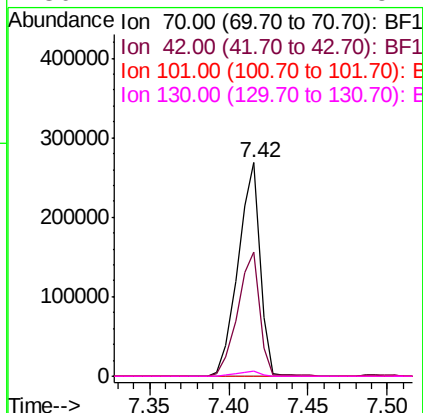
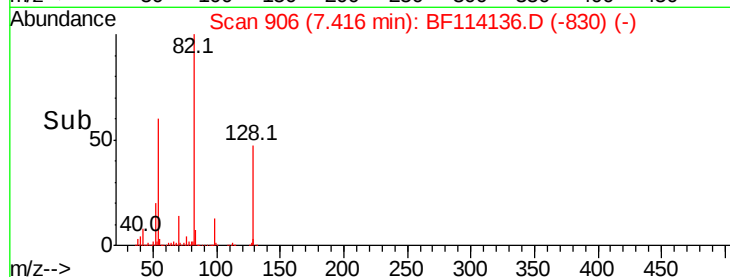
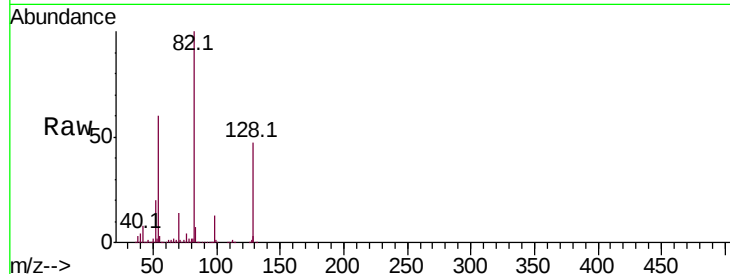




#19
n-Nitroso-di-n-propylamine
Concen: 16.261 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

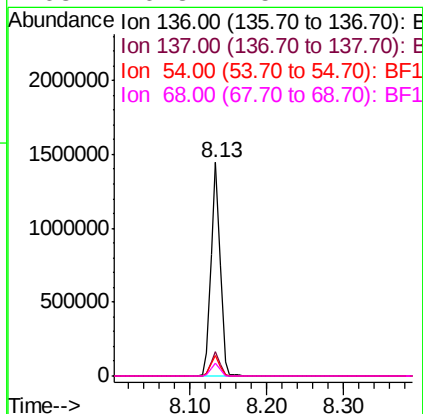
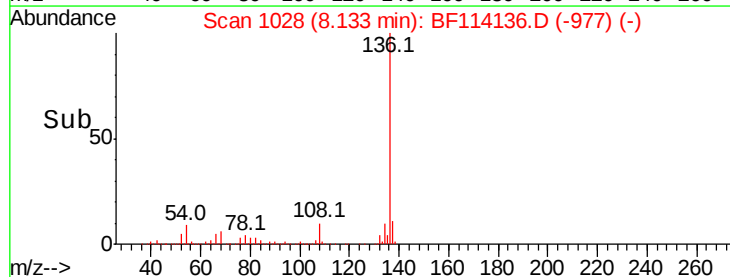
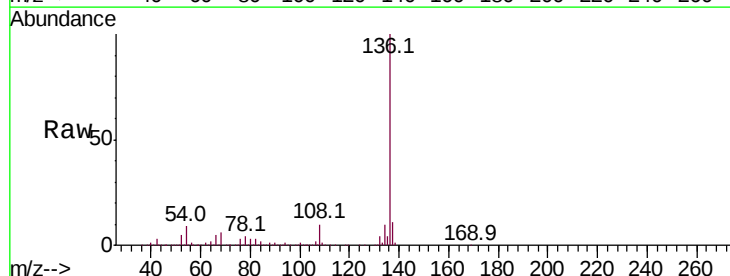
Instrument :
BNA_F
ClientSampleId :
P021-SS009-0002-01

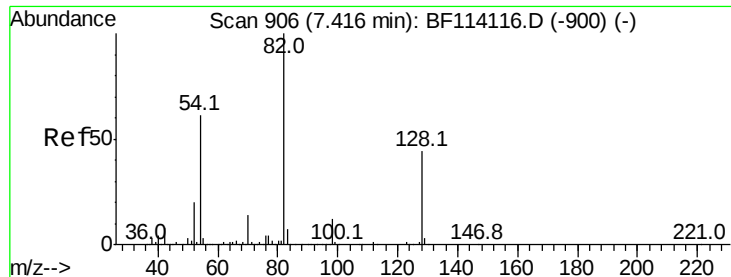
Tot Ion: 70 Resp: 257865
Ion Ratio Lower Upper
70 100
42 58.0 58.6 87.8#
101 0.0 7.8 11.8#
130 2.2 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Tgt Ion:136 Resp: 1174149
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.3 7.8 11.8
68 6.3 5.1 7.7

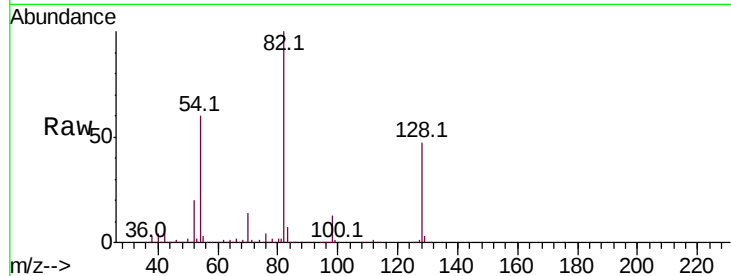




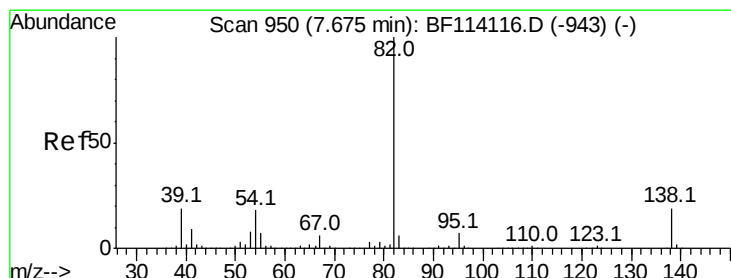
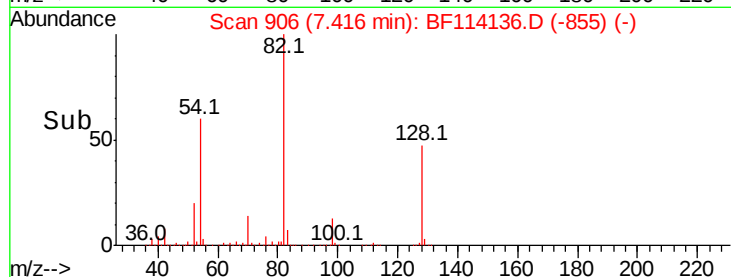
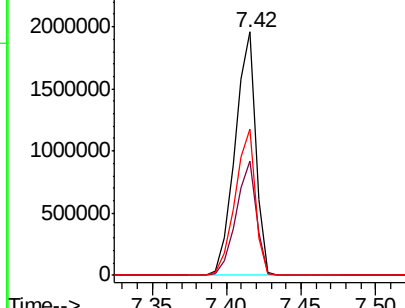
#23
Nitrobenzene-d5
Concen: 91.402 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
P021-SS009-0002-01

Tot Ion: 82 Resp: 1912324
Ion Ratio Lower Upper
82 100
128 47.2 35.5 53.3
54 60.2 48.5 72.7

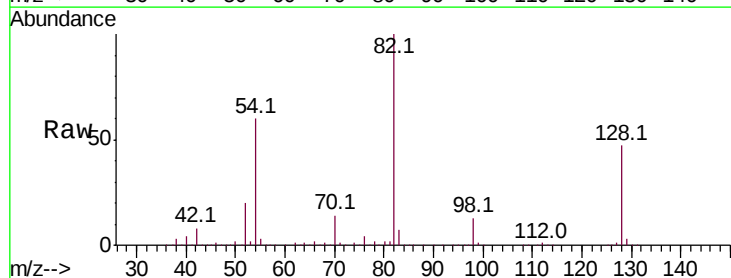


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

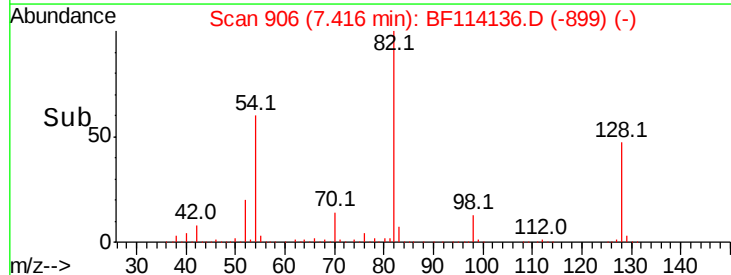
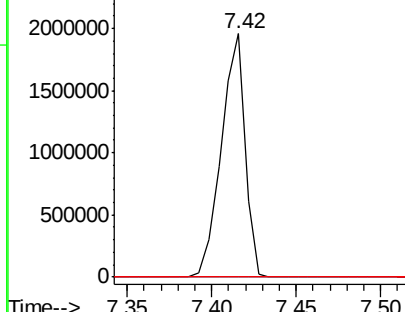


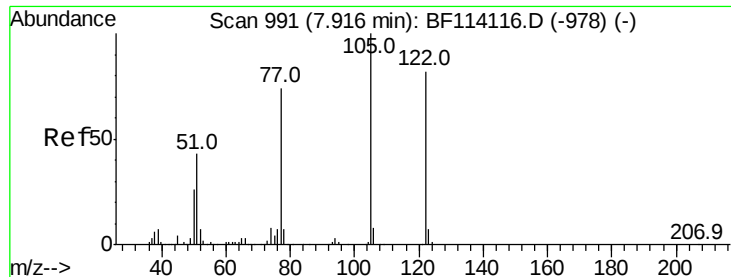
#25
Isophorone
Concen: 49.061 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Tgt Ion: 82 Resp: 1903664
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: 7.059 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

P021-SS009-0002-01

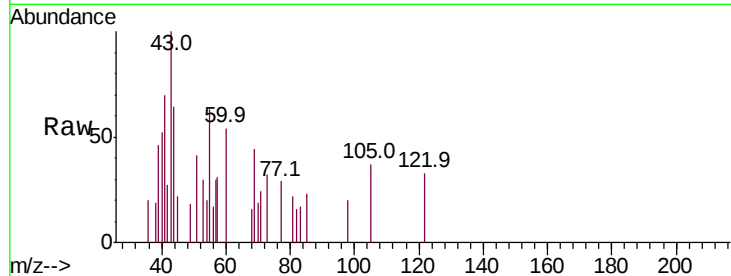
Tot Ion:122 Resp: 522

Ion Ratio Lower Upper

122 100

105 112.0 99.9 139.9

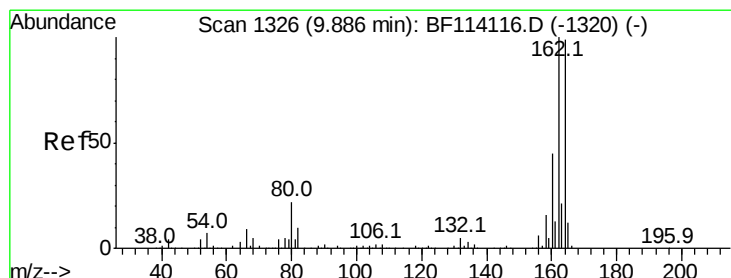
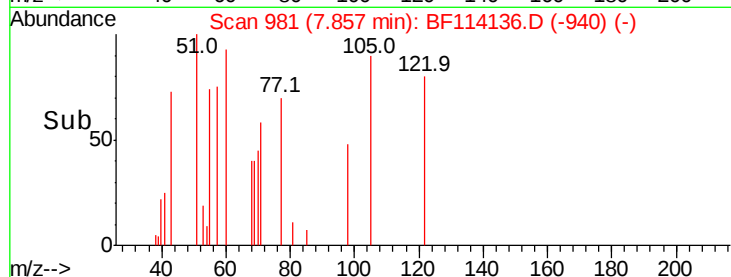
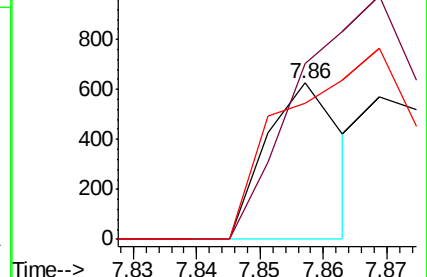
77 87.2 69.4 109.4



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: BF114136.D

Acq: 10 May 2019 22:21

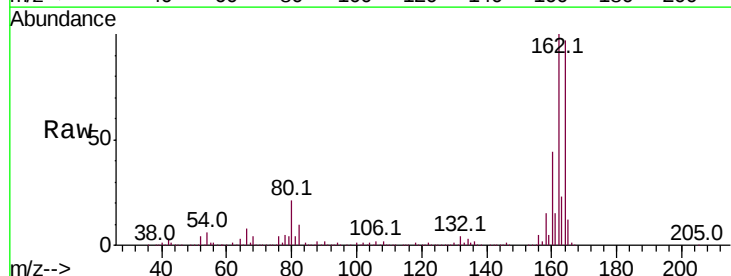
Tgt Ion:164 Resp: 476916

Ion Ratio Lower Upper

164 100

162 103.5 80.6 120.8

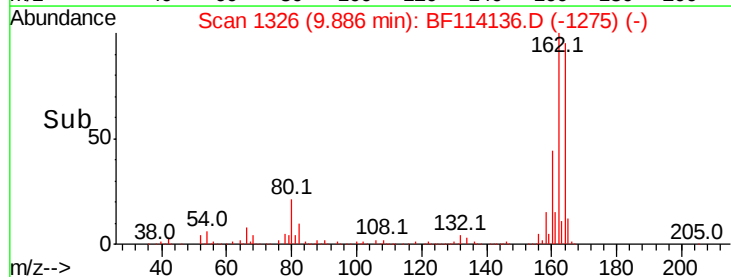
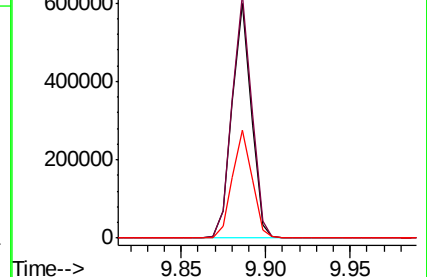
160 46.0 36.5 54.7

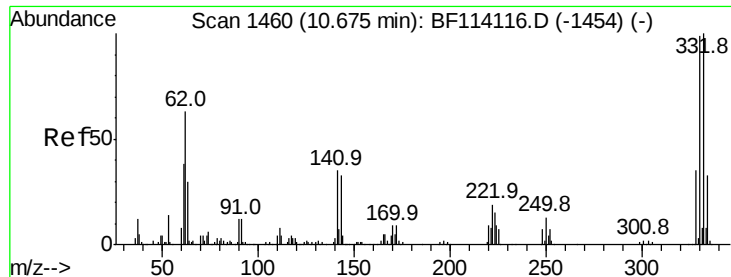


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

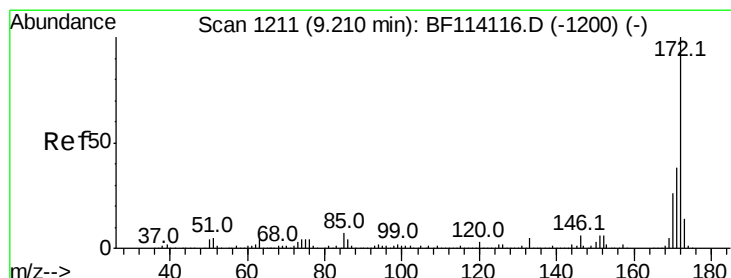
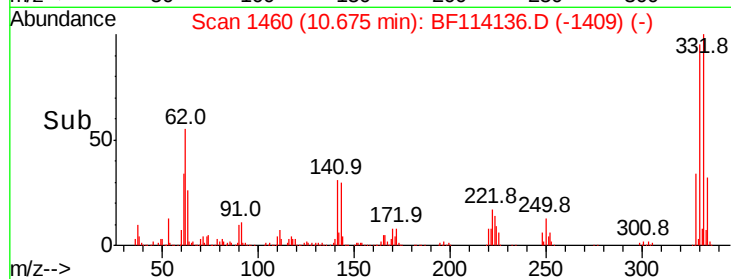
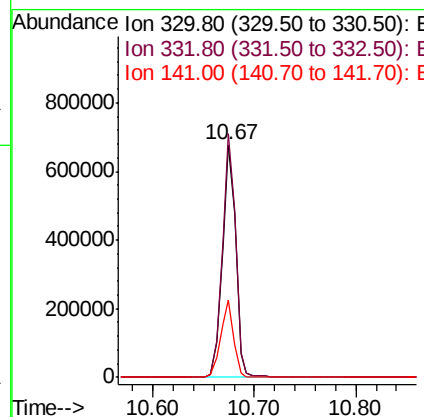
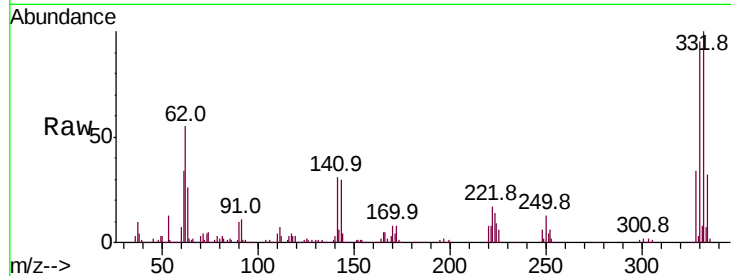




#42
 2,4,6-Tribromophenol
 Concen: 126.290 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114136.D
 Acq: 10 May 2019 22:21

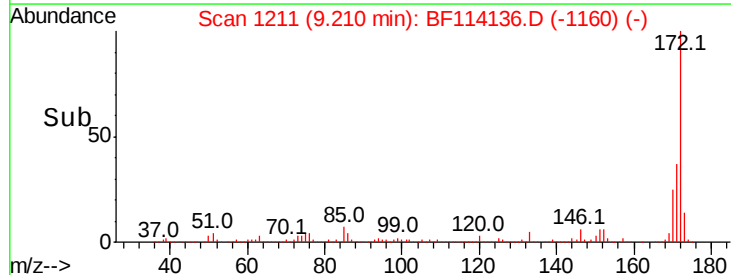
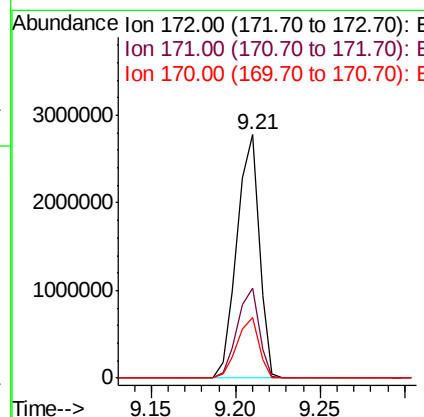
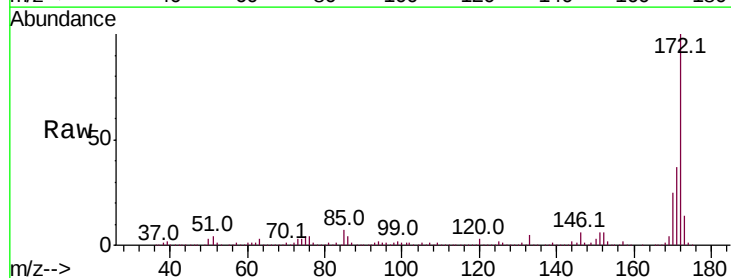
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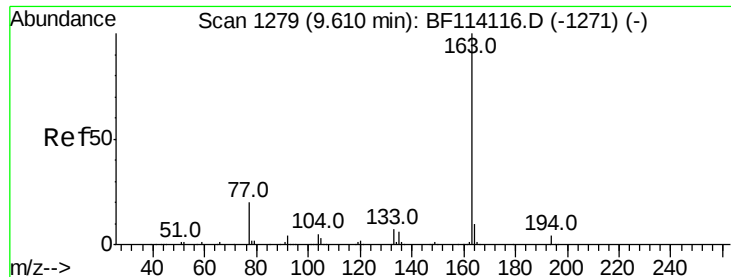
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.0	81.4	122.2
141	32.0	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 81.490 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114136.D
 Acq: 10 May 2019 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.7	46.1
170	24.7	20.5	30.7





#50

Dimethylphthalate

Concen: 18.565 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

P021-SS009-0002-01

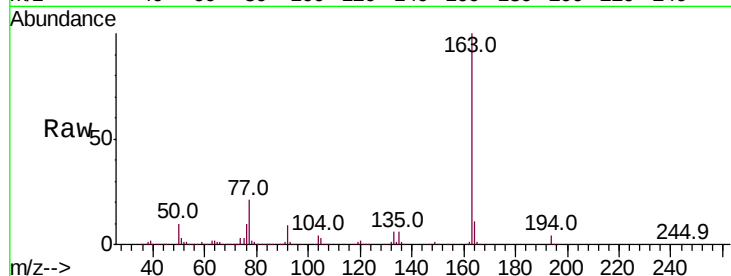
Tot Ion:163 Resp: 649960

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

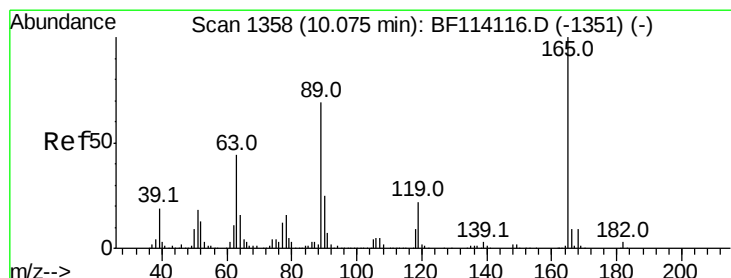
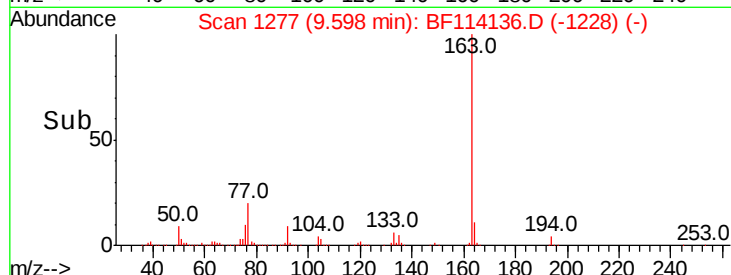
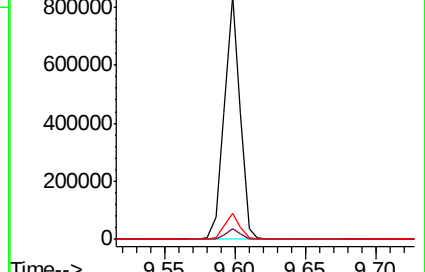
164 10.5 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.915 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

Tgt Ion:165 Resp: 62338

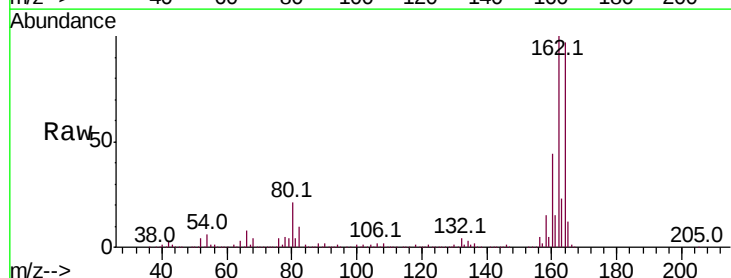
Ion Ratio Lower Upper

165 100

63 1.3 35.5 53.3#

89 1.4 55.2 82.8#

182 0.0 2.2 3.2#

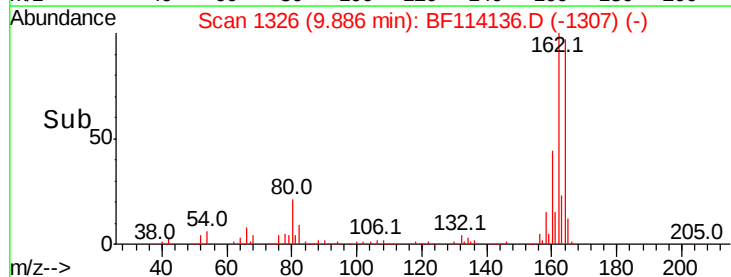
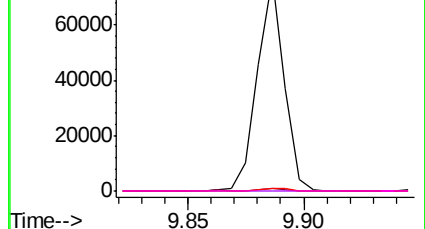


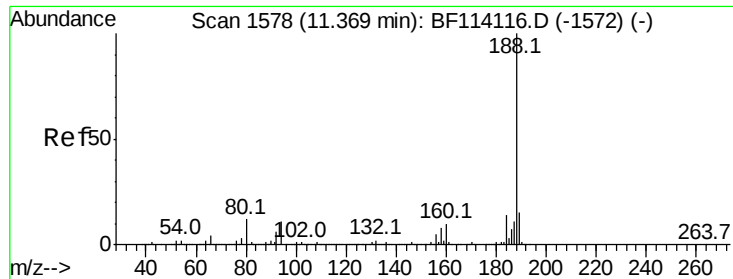
Abundance Ion 165.00 (164.70 to 165.70): E

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

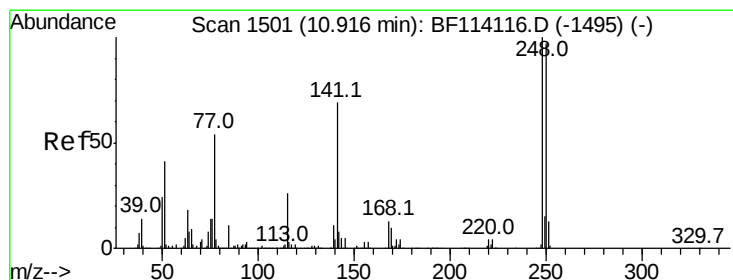
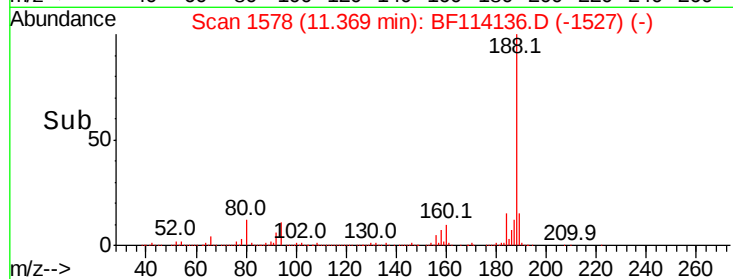
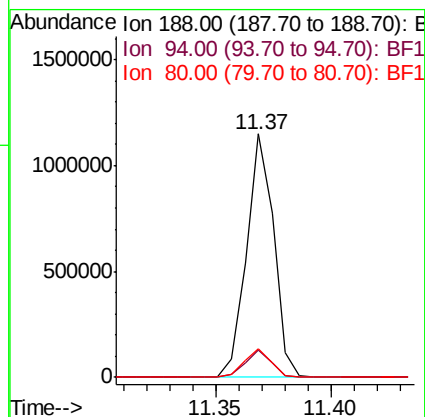
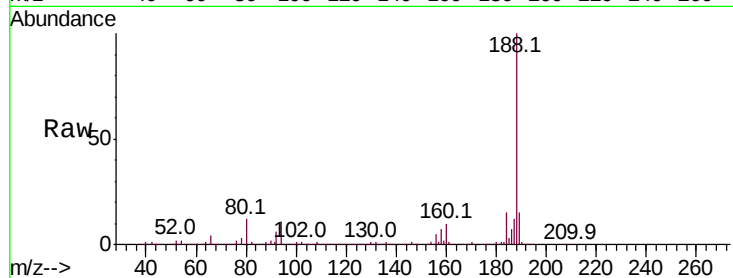




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

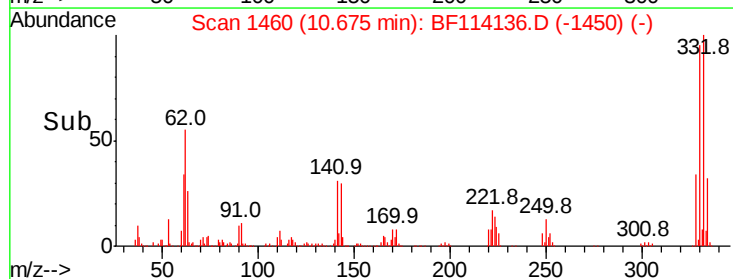
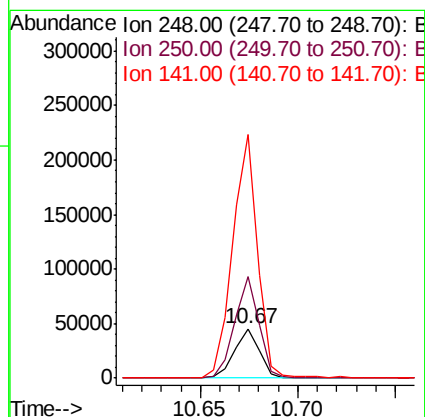
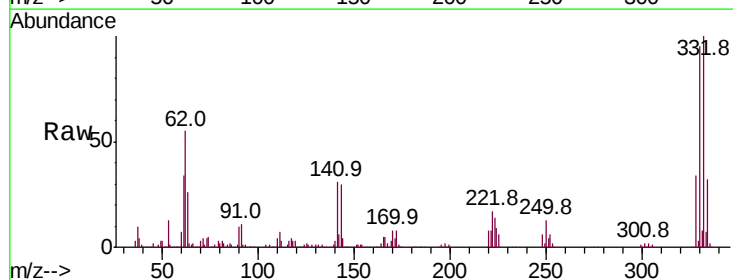
Instrument :
BNA_F
ClientSampleId :
P021-SS009-0002-01

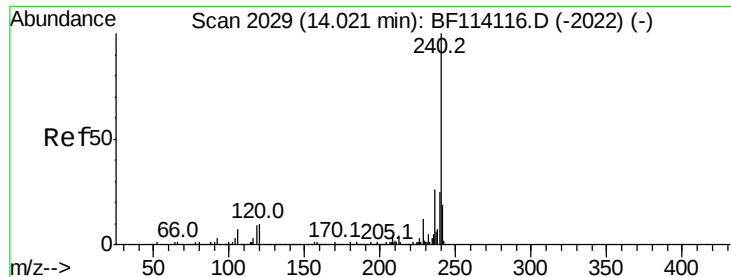
Tot Ion:188 Resp: 950195
Ion Ratio Lower Upper
188 100
94 11.0 8.4 12.6
80 11.8 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Tgt Ion:248 Resp: 40015
Ion Ratio Lower Upper
248 100
250 206.6 77.4 116.2#
141 496.5 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

P021-SS009-0002-01

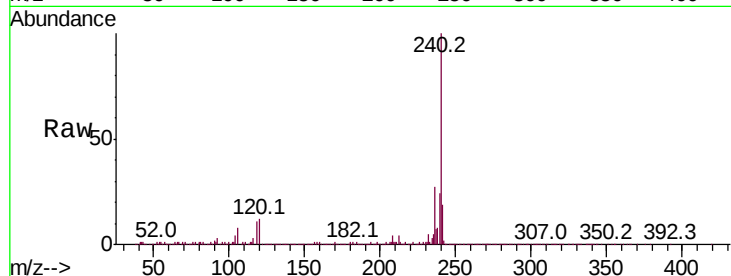
Tot Ion:240 Resp: 731335

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

236 27.3 20.8 31.2

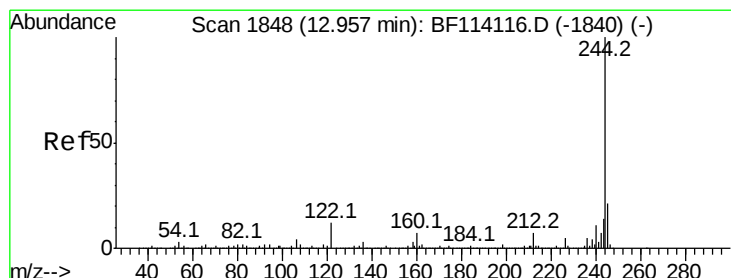
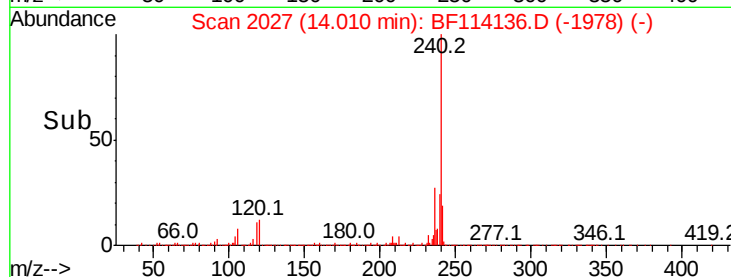
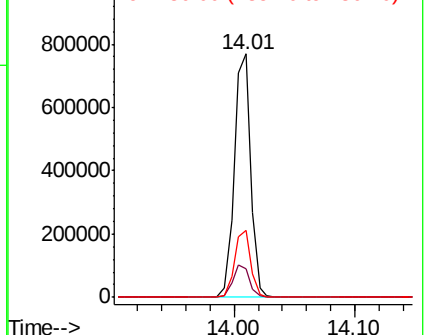


Abundance

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: 66.242 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114136.D

Acq: 10 May 2019 22:21

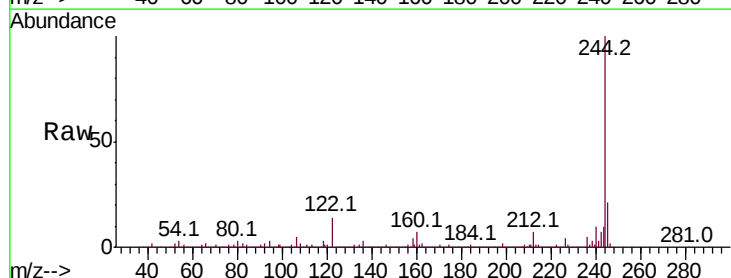
Tgt Ion:244 Resp: 2350054

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 13.7 9.4 14.2

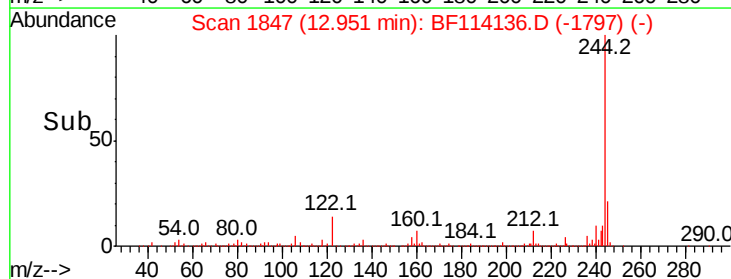
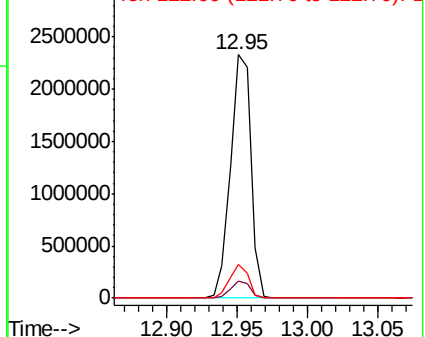


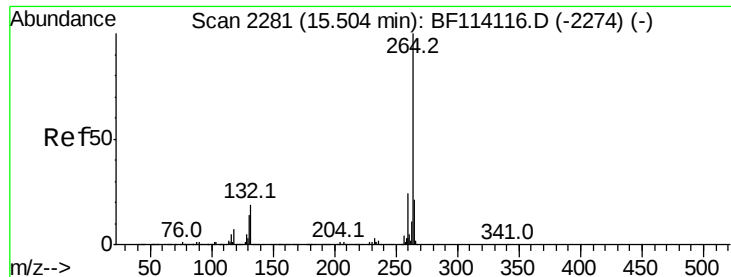
Abundance

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

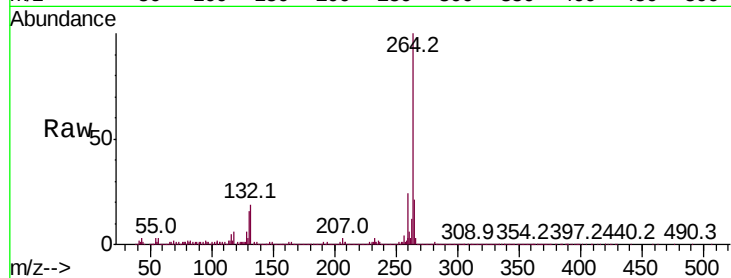




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114136.D
Acq: 10 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
P021-SS009-0002-01

Tot Ion:	264	Resp:	625258
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	20.9	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

