

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119376.D
 Acq On : 12 Mar 2020 12:23
 Operator : CG/JU
 Sample : L1864-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:43:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

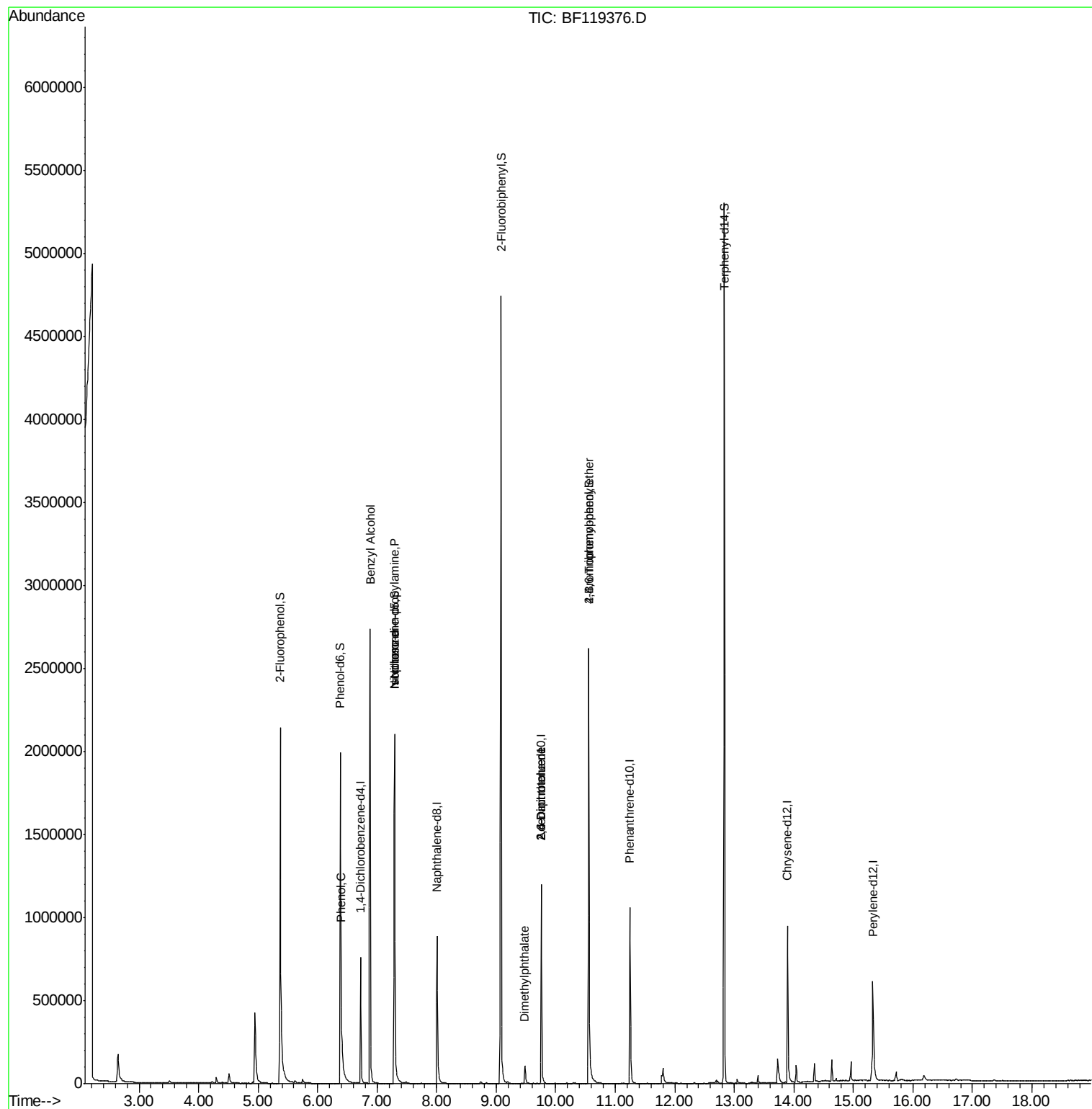
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120035	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470203	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264548	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	453994	20.00	ng	0.00
76) Chrysene-d12	13.89	240	368511	20.00	ng	0.00
87) Perylene-d12	15.33	264	351533	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	864178	120.31	ng	0.02
7) Phenol-d6	6.38	99	928978	106.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	806466	90.56	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	419009	121.08	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1559532	86.84	ng	0.00
79) Terphenyl-d14	12.83	244	1952373	91.21	ng	0.00
Target Compounds						
10) Phenol	6.40	94	20289	2.148	ng	# 64
15) Benzyl Alcohol	6.87	79	13566	2.149	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	112909	22.182	ng	# 75
25) Isophorone	7.29	82	806466	52.145	ng	# 63
50) Dimethylphthalate	9.49	163	63775	3.153	ng	100
51) 2,6-Dinitrotoluene	9.76	165	33603	7.477	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33603	5.768	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	27970	4.713	ng	# 1

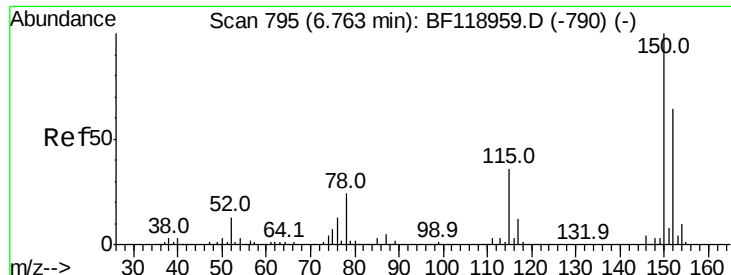
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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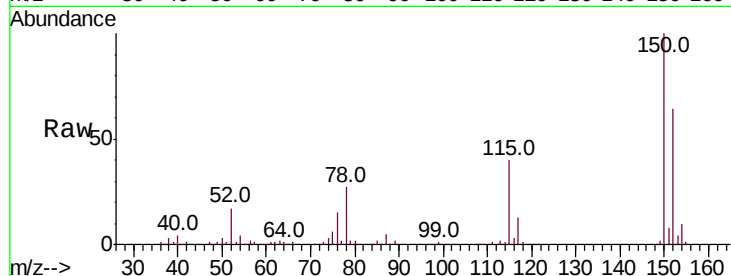


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.6
115	61.8	49.5	74.3

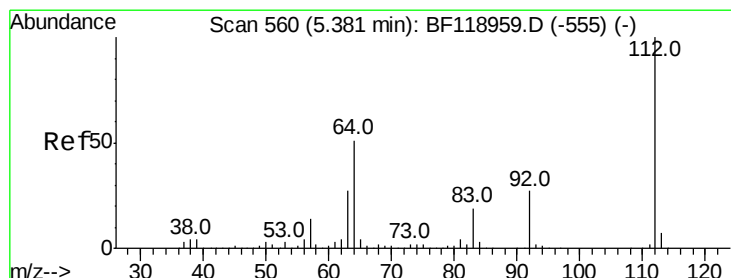
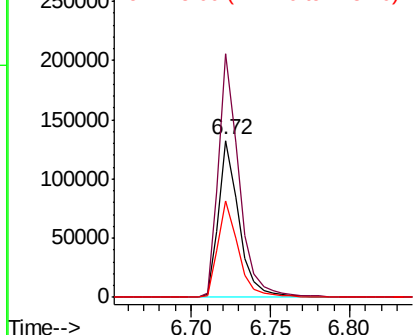
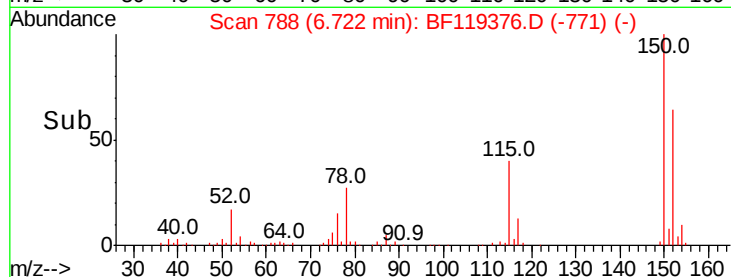


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

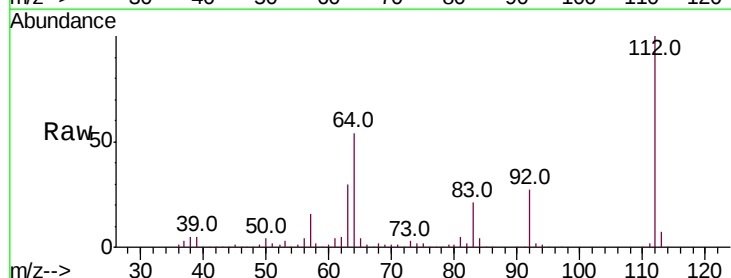
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.314 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.0	67.4
63	29.9	24.2	36.4

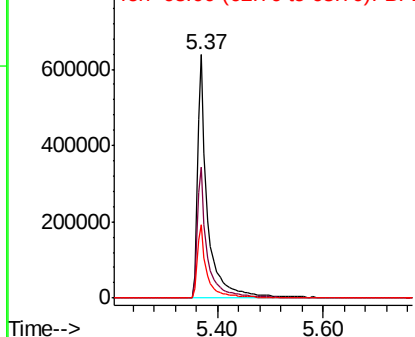
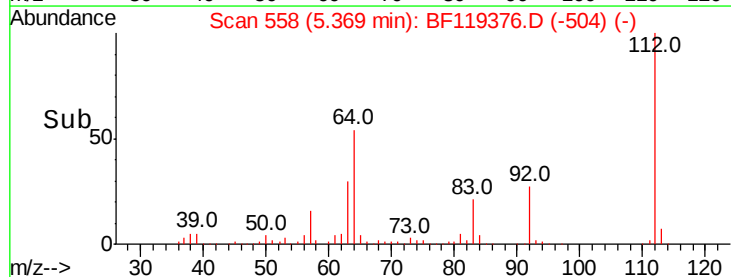


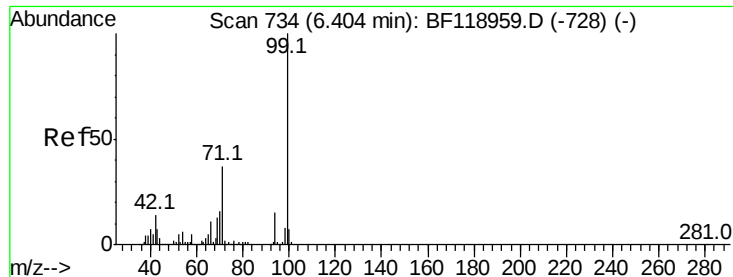
Abundance

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: 106.346 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampled :

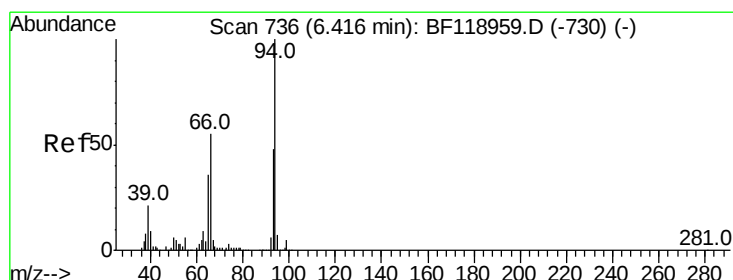
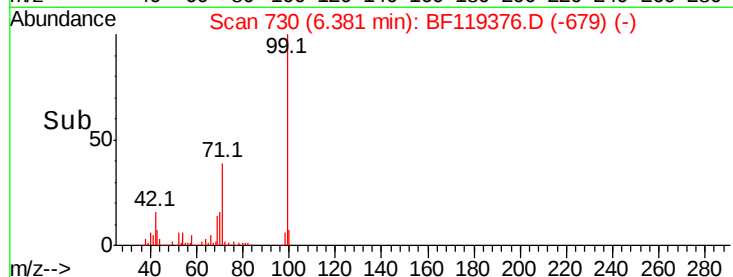
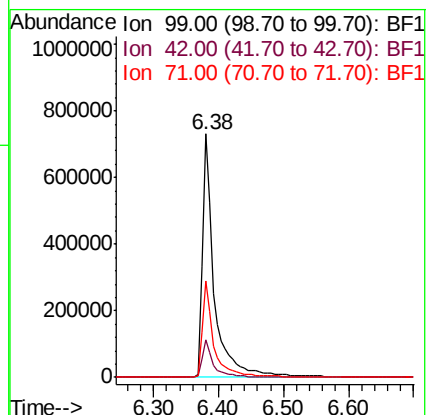
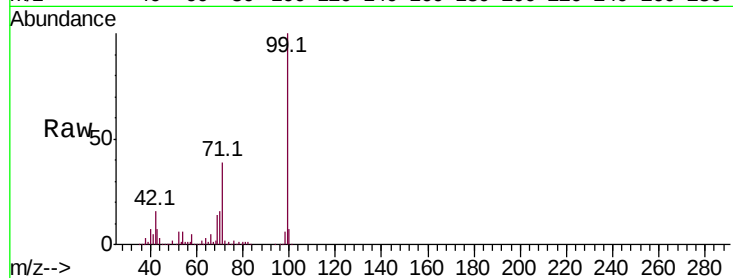
Tot Ion: 99 Resp: 928978

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 39.5 31.0 46.4



#10

Phenol

Concen: 2.148 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

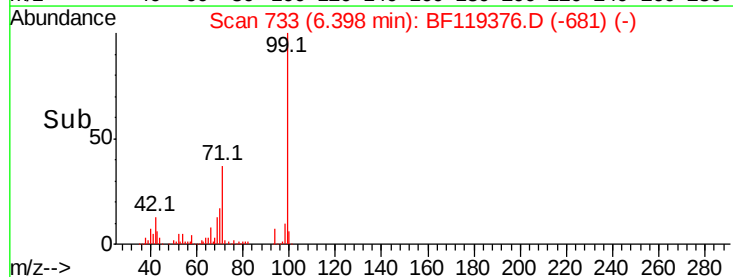
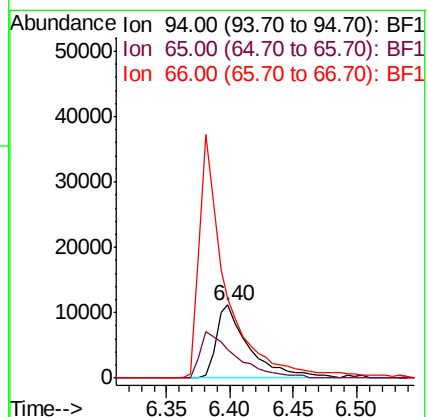
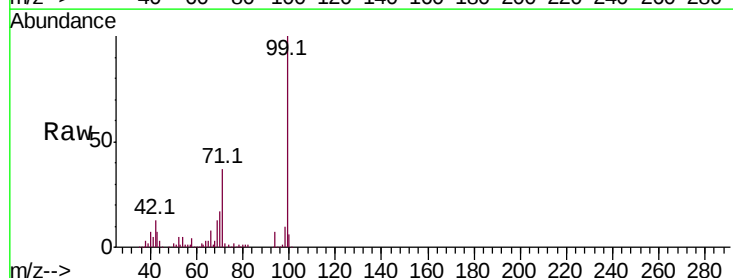
Tgt Ion: 94 Resp: 20289

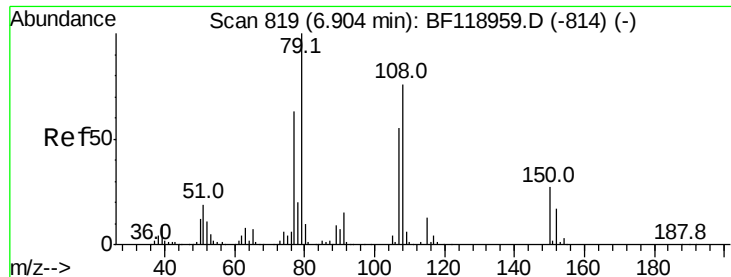
Ion Ratio Lower Upper

94 100

65 38.8 19.2 59.2

66 109.1 44.4 84.4#





#15

Benzyl Alcohol

Concen: 2.149 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampled :

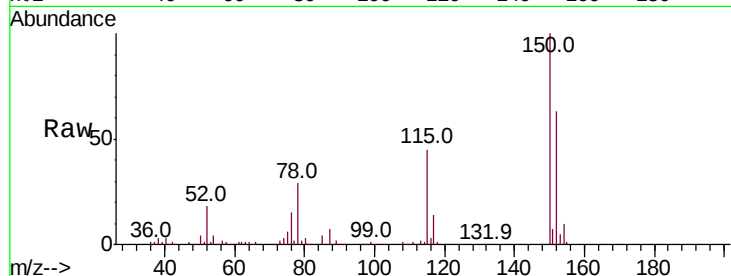
Tot Ion: 79 Resp: 13566

Ion Ratio Lower Upper

79 100

108 29.3 58.2 87.2#

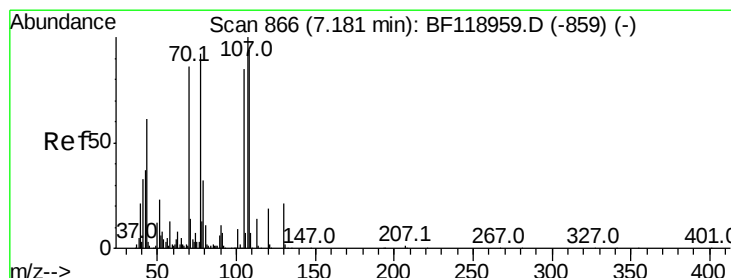
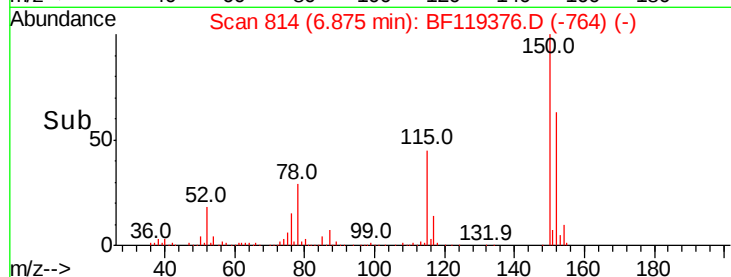
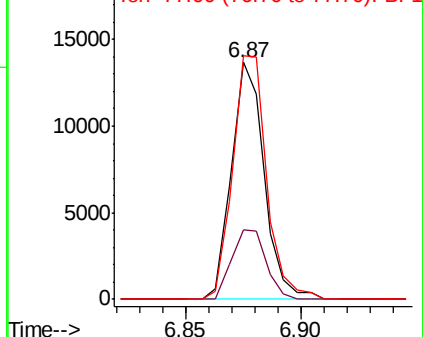
77 102.8 51.2 76.8#



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: 22.182 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Tgt Ion: 70 Resp: 112909

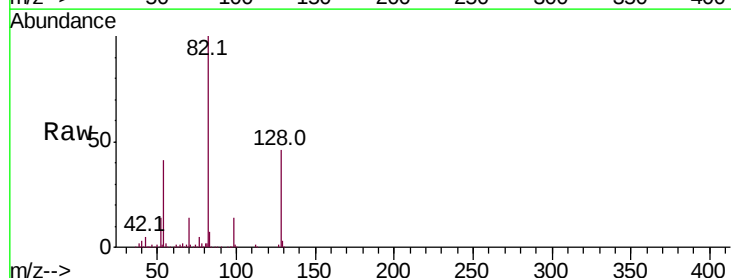
Ion Ratio Lower Upper

70 100

42 36.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

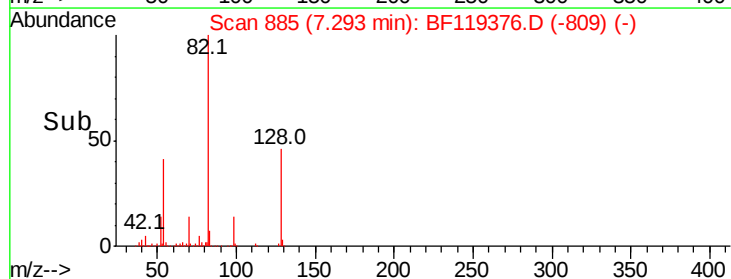
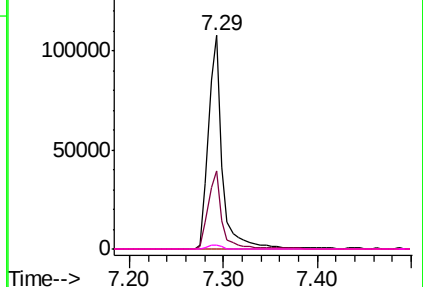


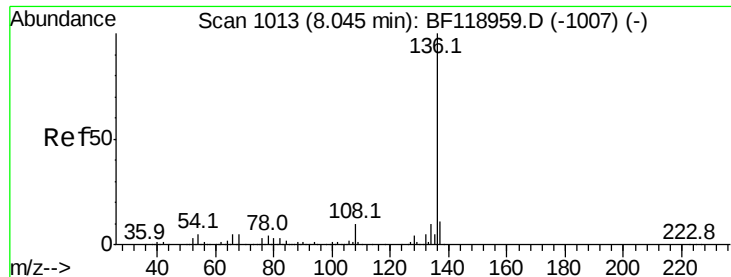
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

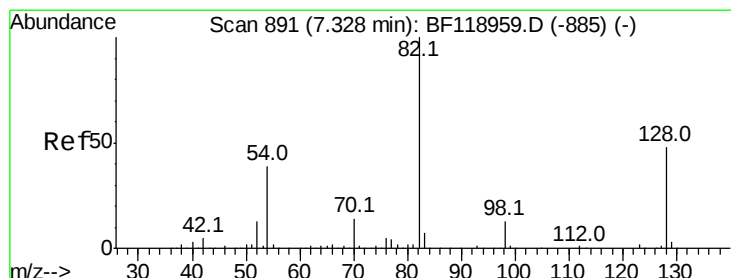
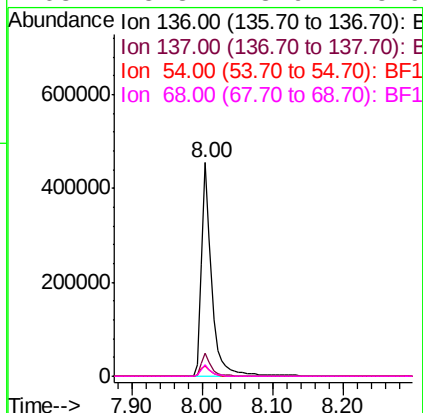
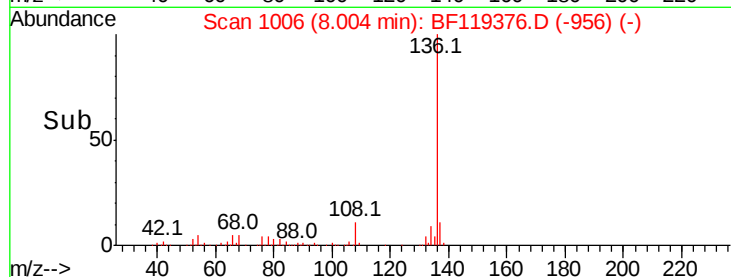
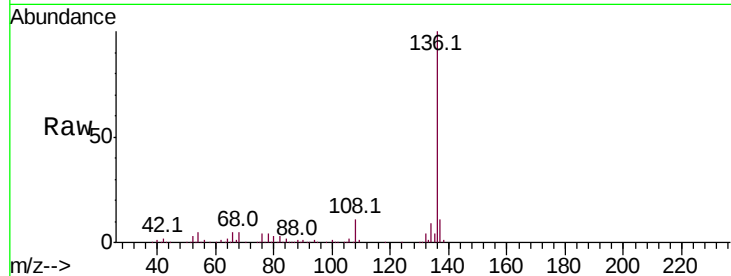




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

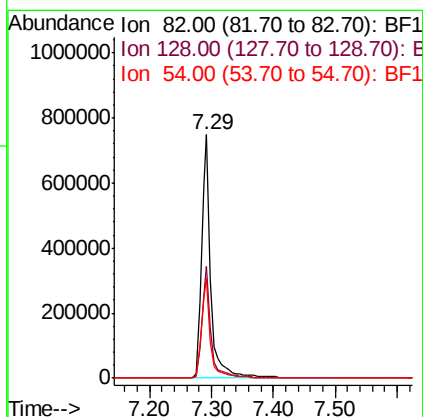
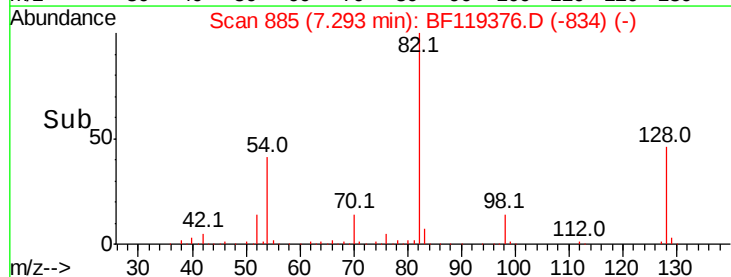
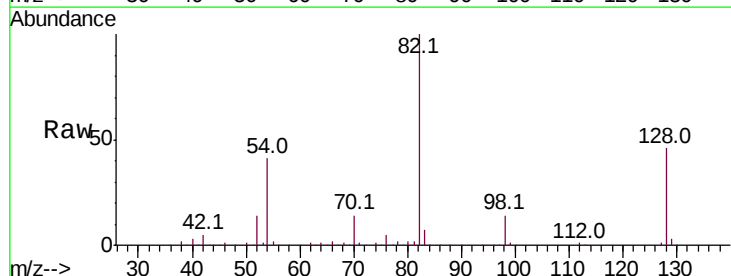
Instrument :
BNA_F
ClientSampleId :

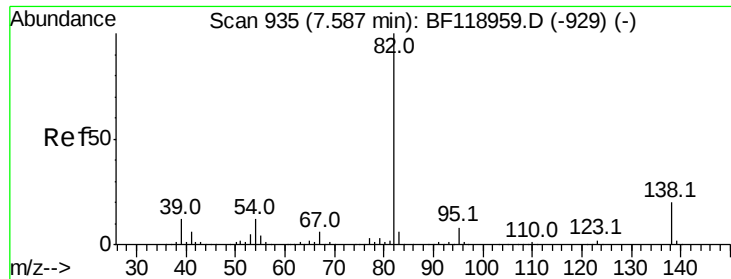
Tot Ion:136	Resp:	470203
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	4.8	3.8 5.6
68	5.3	3.9 5.9



#23
Nitrobenzene-d5
Concen: 90.560 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Tgt Ion: 82	Resp:	806466
Ion	Ratio	Lower Upper
82	100	
128	45.7	37.9 56.9
54	41.1	33.4 50.2

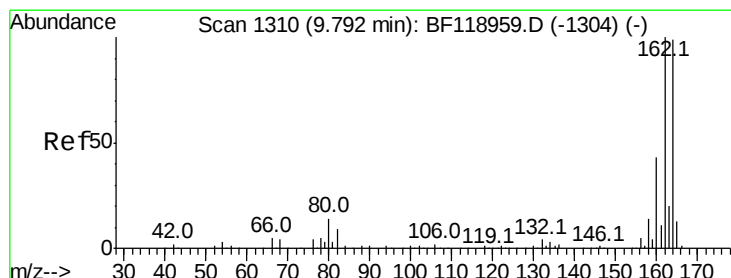
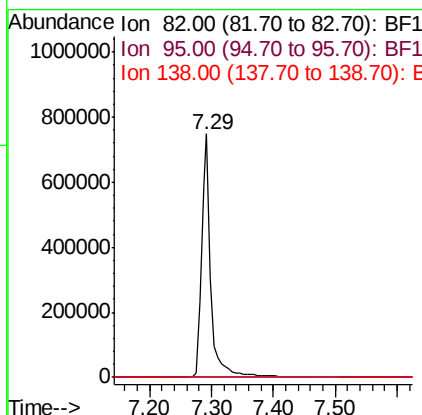
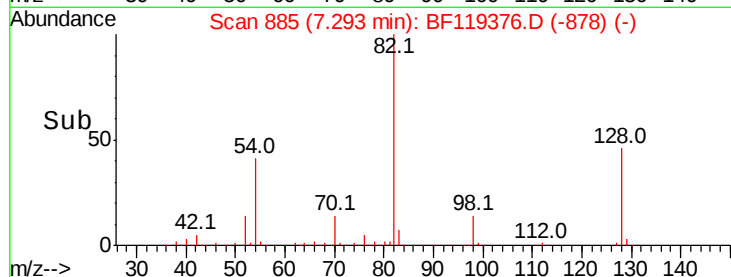
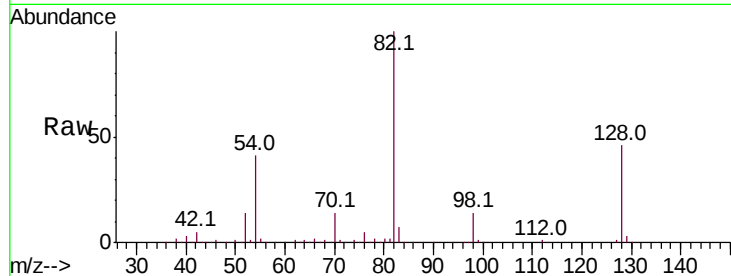




#25
Isophorone
Concen: 52.145 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

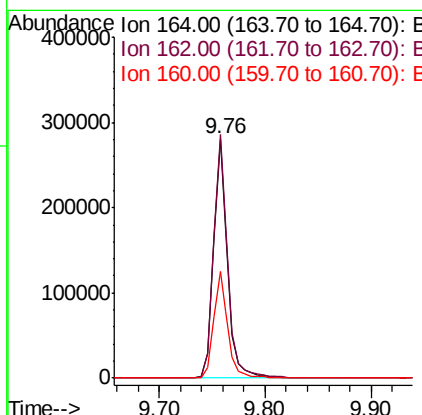
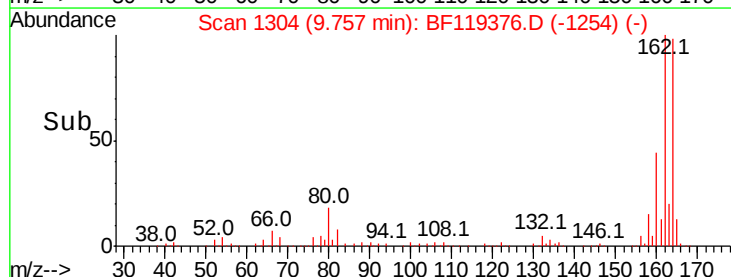
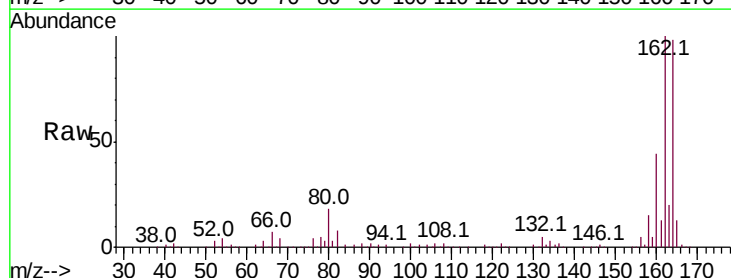
Instrument :
BNA_F
ClientSampleId :

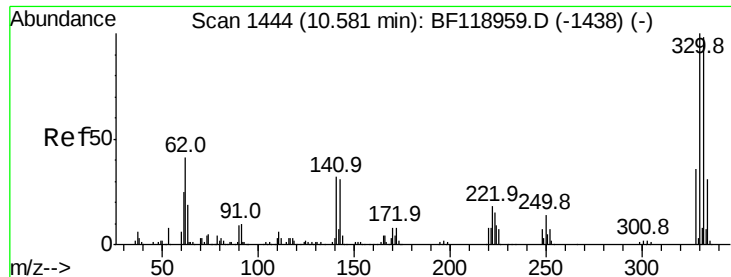
Tot Ion: 82 Resp: 806466
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Tgt Ion:164 Resp: 264548
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.8
160 44.6 36.0 54.0

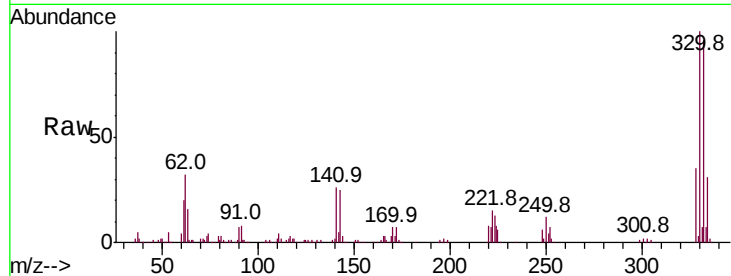




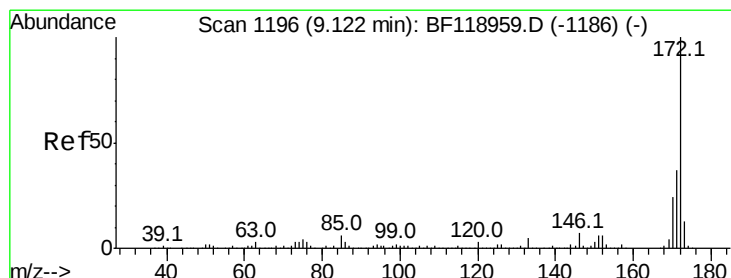
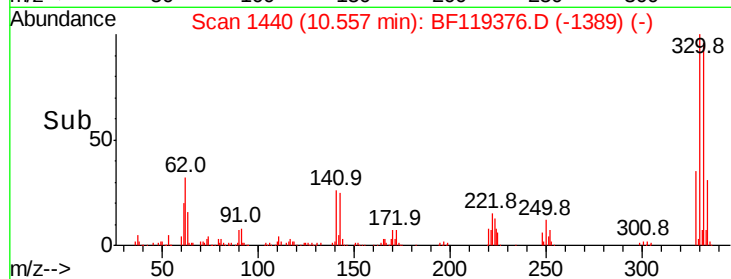
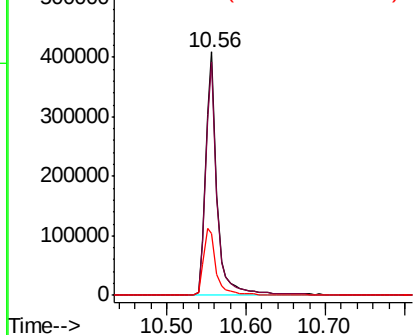
#42
 2,4,6-Tribromophenol
 Concen: 121.075 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119376.D
 Acq: 12 Mar 2020 12:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	31.3	22.9	34.3

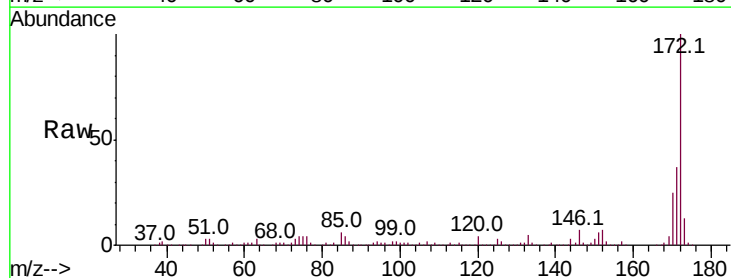


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

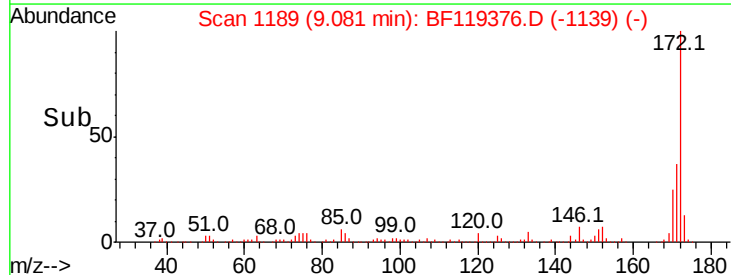
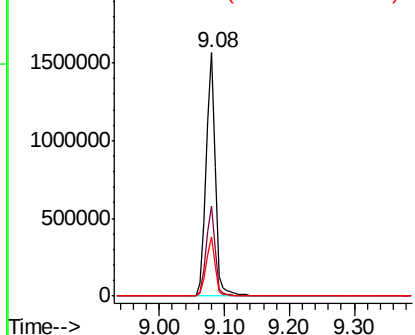


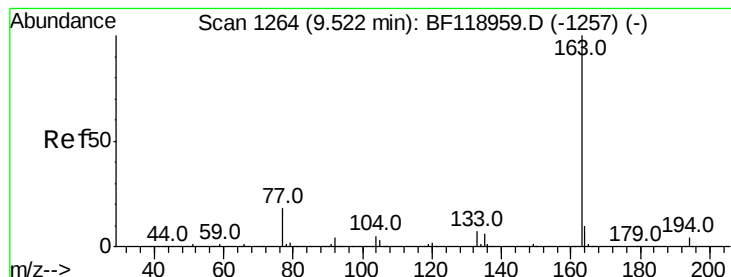
#45
 2-Fluorobiphenyl
 Concen: 86.845 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119376.D
 Acq: 12 Mar 2020 12:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.6	20.2	30.2



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: 3.153 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampleId :

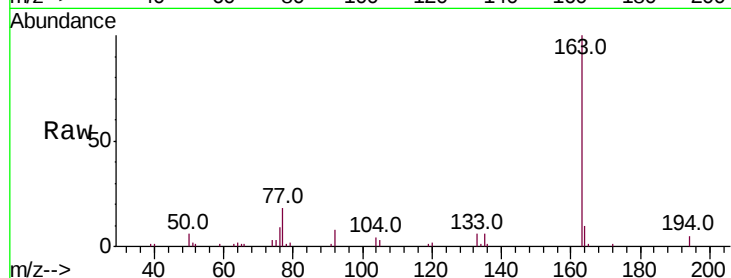
Tot Ion:163 Resp: 63775

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

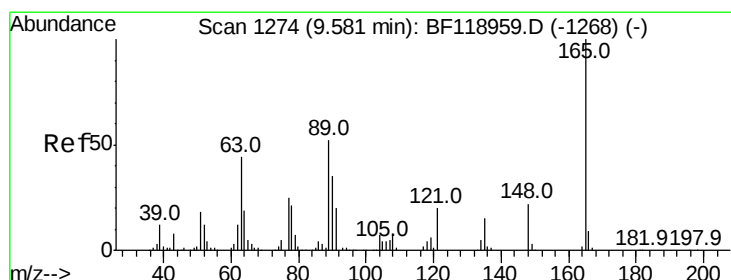
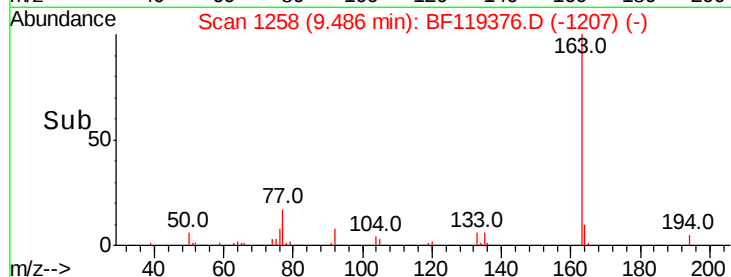
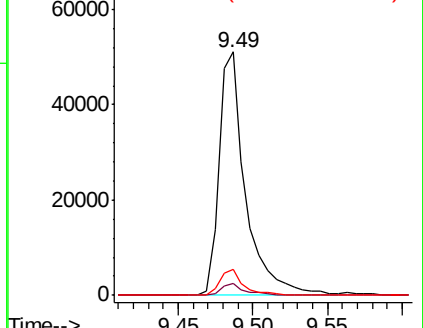
164 10.5 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 7.477 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

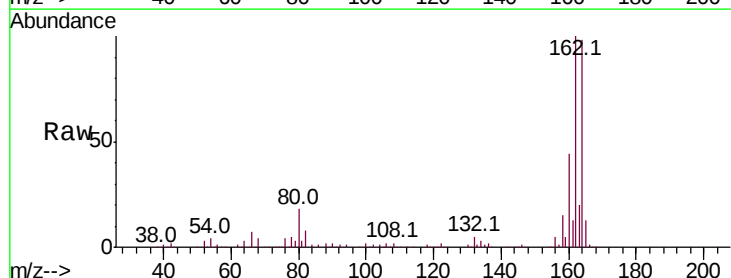
Tgt Ion:165 Resp: 33603

Ion Ratio Lower Upper

165 100

63 1.0 34.3 51.5#

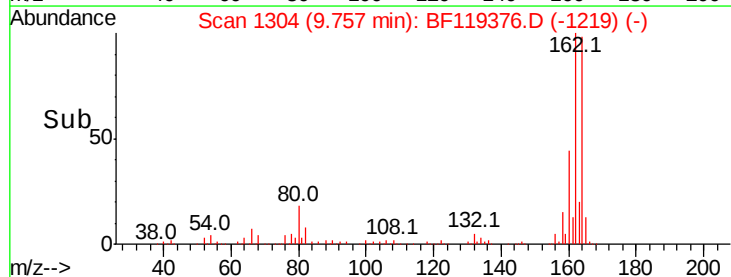
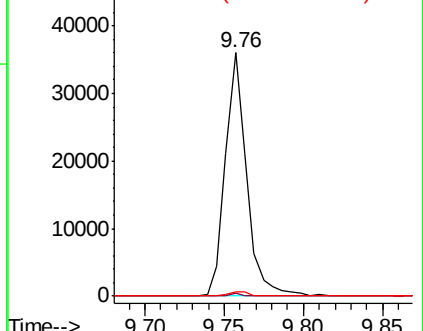
89 1.8 38.3 57.5#

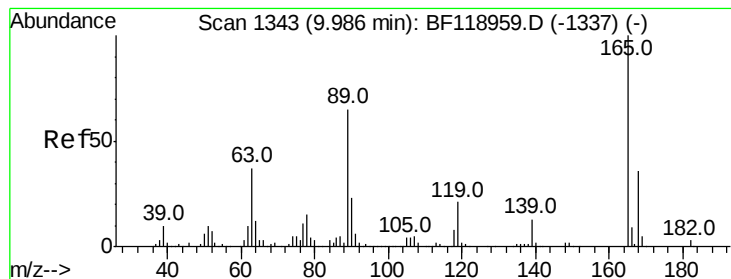


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.768 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 33603

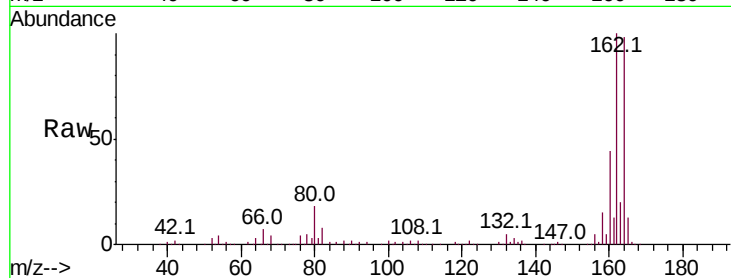
Ion Ratio Lower Upper

165 100

63 1.0 42.3 63.5#

89 1.8 60.2 90.4#

182 0.0 2.3 3.5#

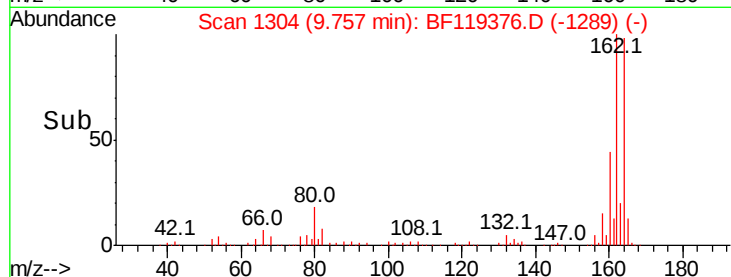


Abundance Ion 165.00 (164.70 to 165.70): E

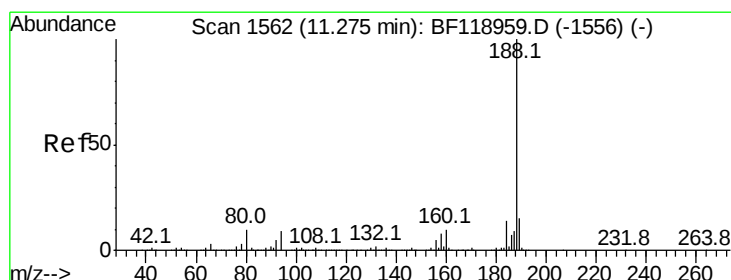
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

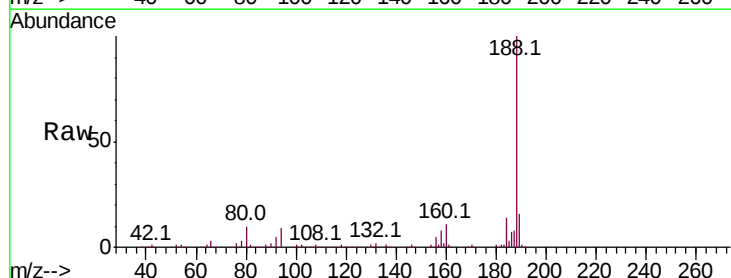
Tgt Ion:188 Resp: 453994

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

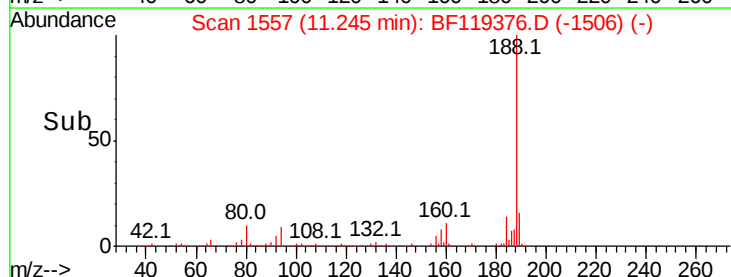
80 9.8 7.8 11.8



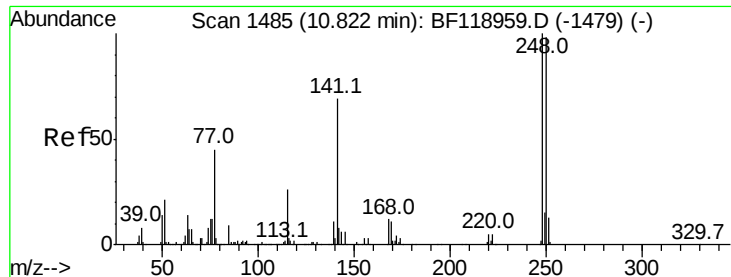
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



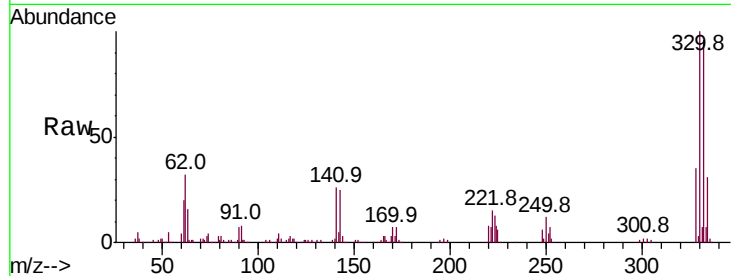
Time-->



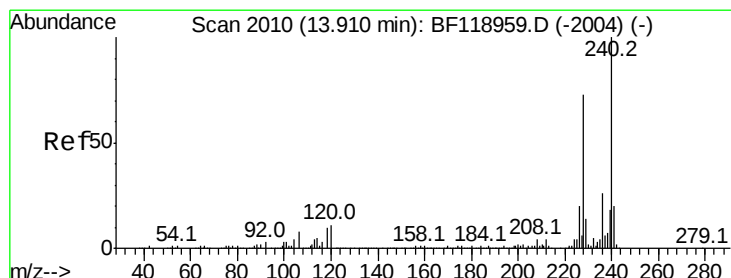
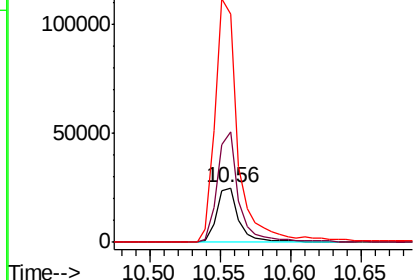
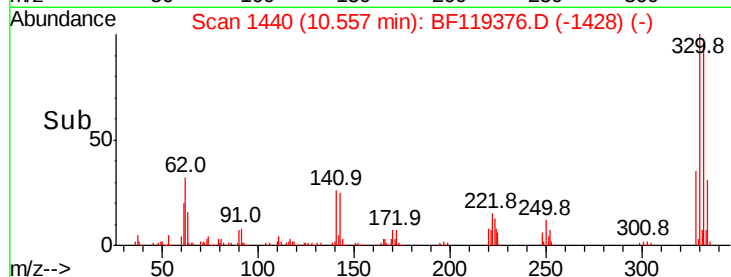
#67
4-Bromophenyl-phenylether
Concen: 4.713 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 27970
Ion Ratio Lower Upper
248 100
250 202.4 76.7 115.1#
141 416.4 60.7 91.1#

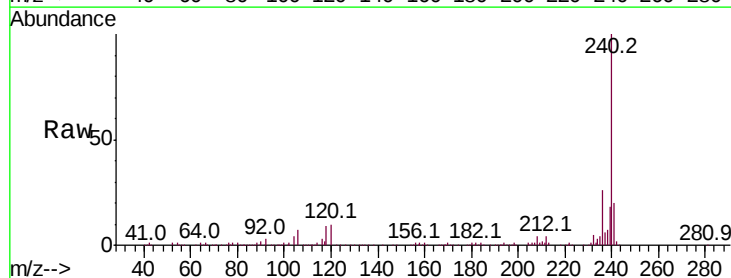


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

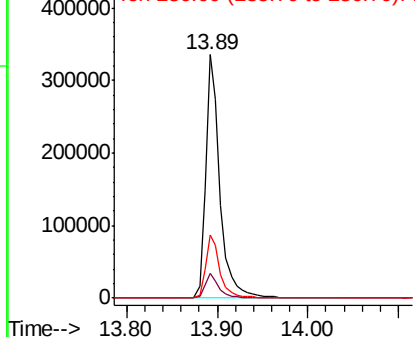
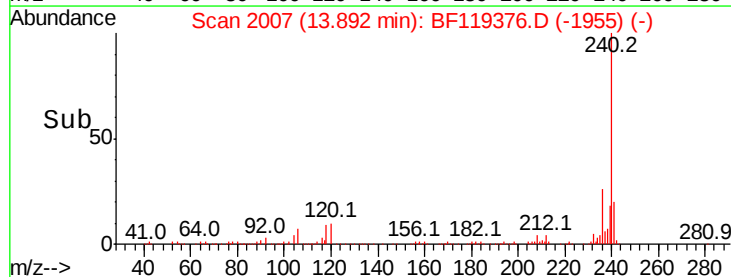


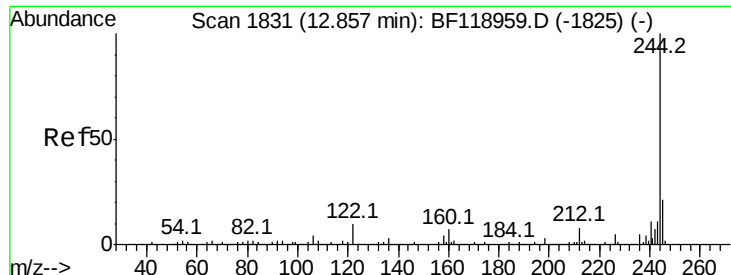
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Tgt Ion:240 Resp: 368511
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.1 21.0 31.4



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: 91.214 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampled :

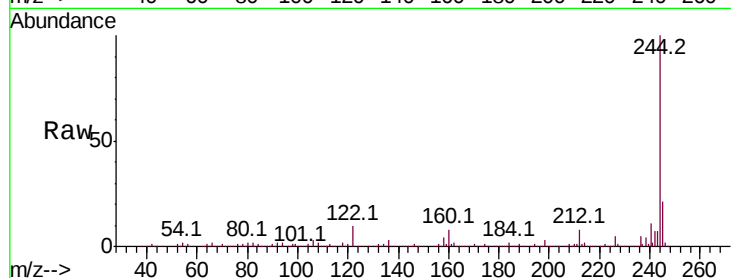
Tot Ion:244 Resp: 1952373

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

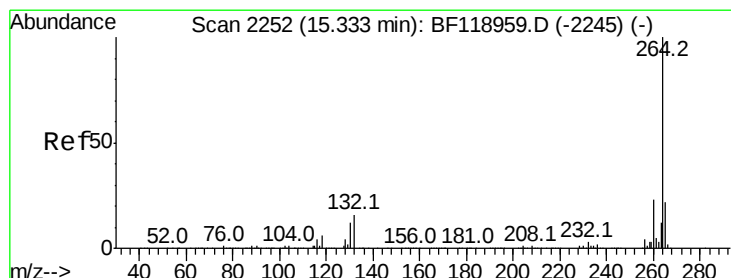
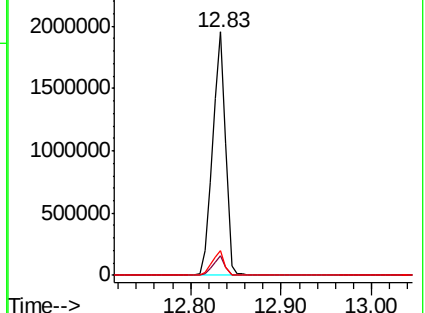
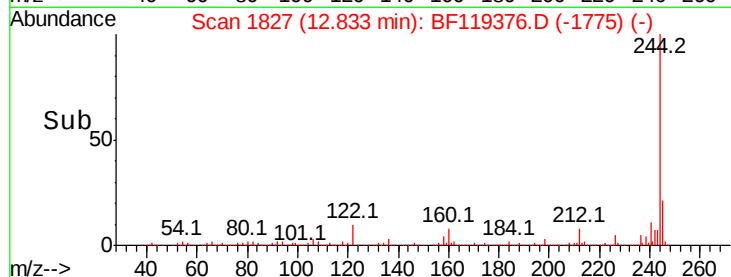
122 10.0 8.2 12.2



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: 15.33 min Scan# 2251

Delta R.T. 0.02 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

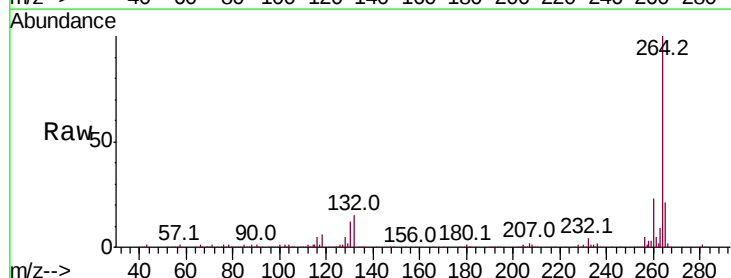
Tgt Ion:264 Resp: 351533

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 21.2 17.7 26.5



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

