

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119403.D
 Acq On : 13 Mar 2020 2:20
 Operator : CG/JU
 Sample : L1859-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 04:27:00 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	133019	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	521358	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264044	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	533989	20.00	ng	0.00
76) Chrysene-d12	13.90	240	476886	20.00	ng	0.01
87) Perylene-d12	15.33	264	444170	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1066586	134.00	ng	0.02
7) Phenol-d6	6.38	99	1186100	122.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	954816	96.70	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	572911	165.86	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1834617	102.36	ng	0.00
79) Terphenyl-d14	12.83	244	2586150	93.37	ng	0.00

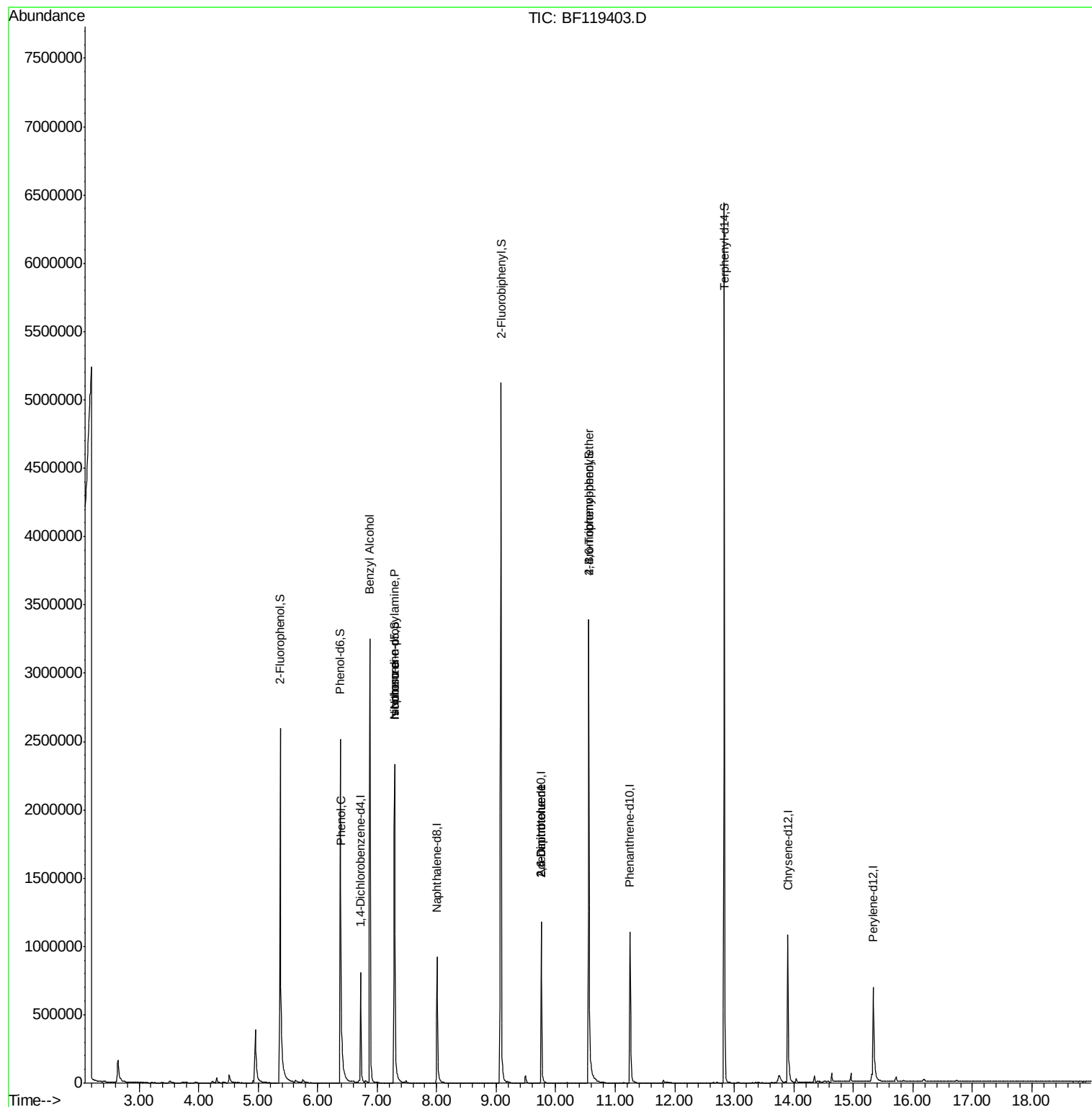
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	21492	2.053	ng	# 27
15) Benzyl Alcohol	6.87	79	16419	2.347	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	132669	23.520	ng	# 75
25) Isophorone	7.29	82	954816	55.679	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	33876	7.552	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33877	5.826	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	37775	5.412	ng	# 1

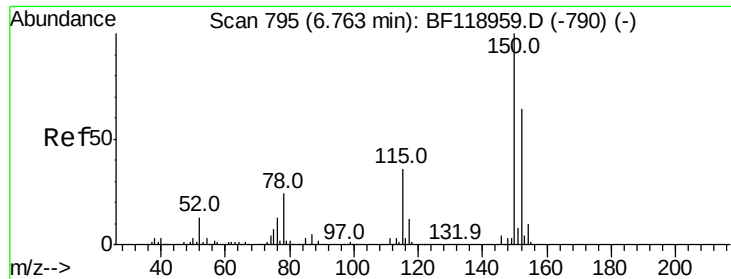
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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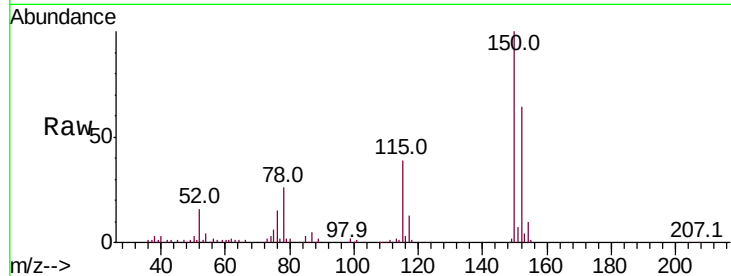


#1

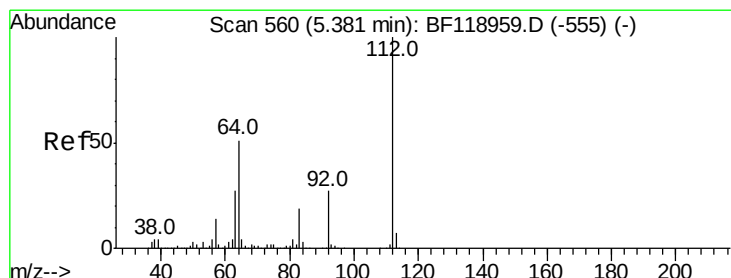
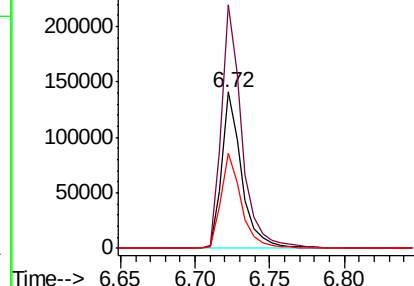
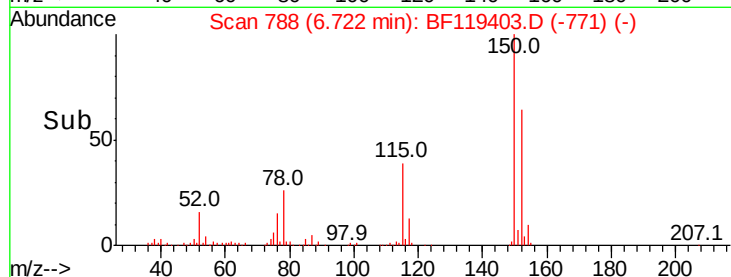
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133019
Ion Ratio Lower Upper
152 100
150 155.8 123.0 184.6
115 61.0 49.5 74.3



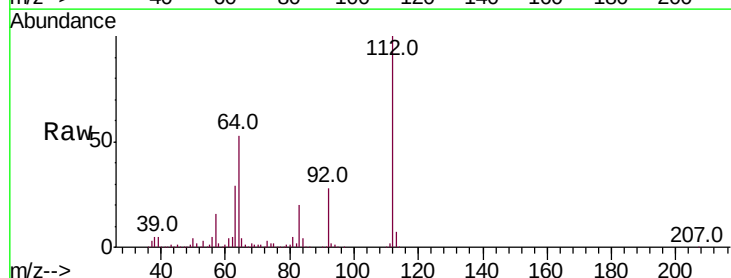
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



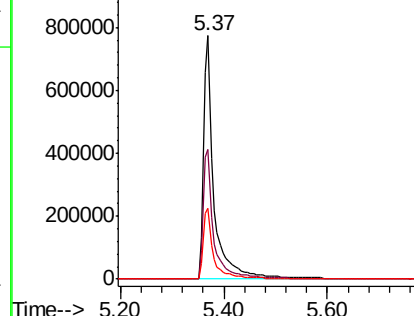
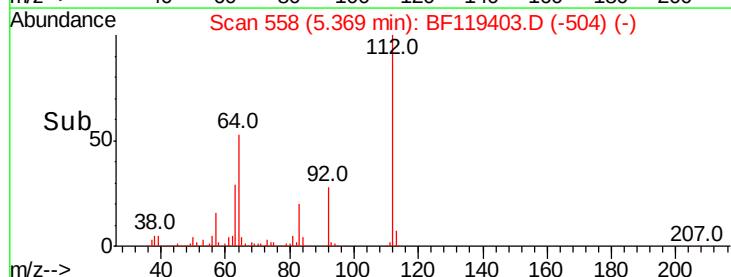
#5

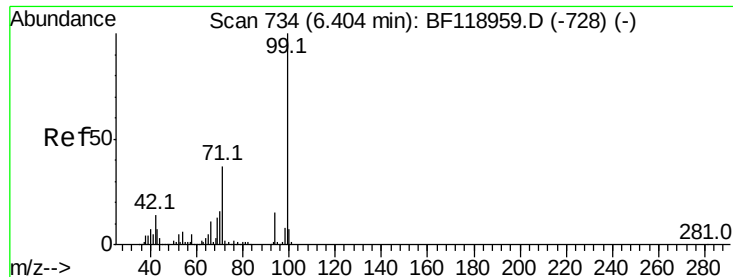
2-Fluorophenol
Concen: 134.000 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Tgt Ion:112 Resp: 1066586
Ion Ratio Lower Upper
112 100
64 53.5 45.0 67.4
63 29.0 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: 122.527 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

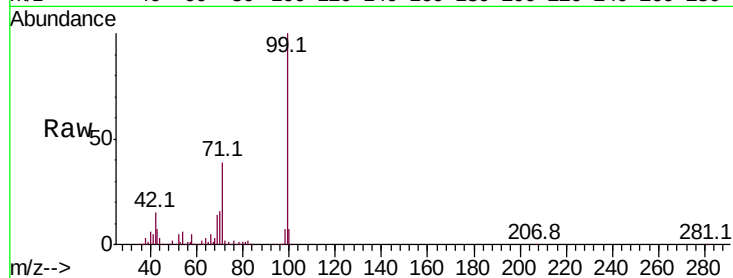
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1186100

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	39.2	31.0	46.4

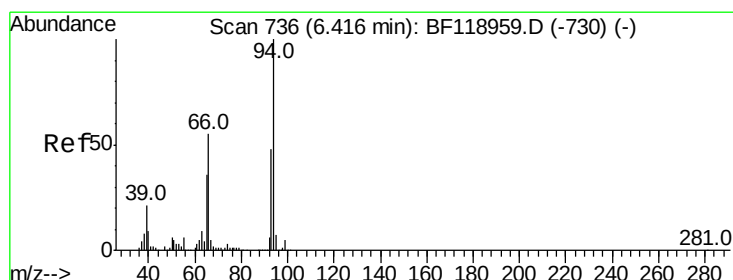
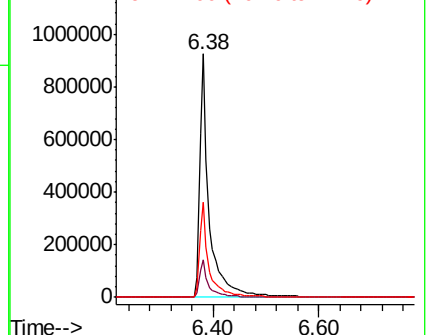
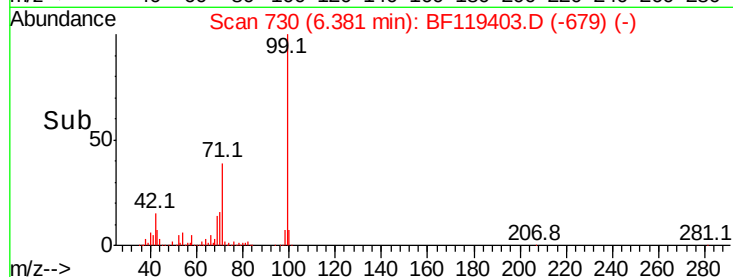


Abundance

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



#10

Phenol

Concen: 2.053 ng

RT: 6.39 min Scan# 732

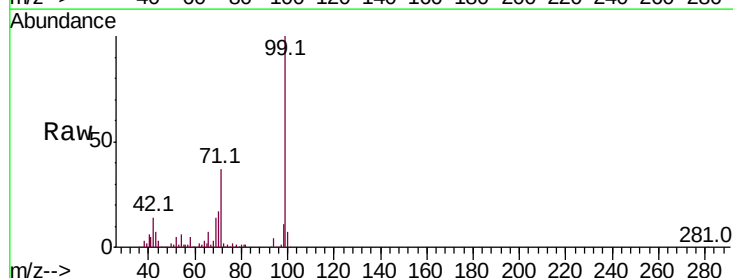
Delta R.T. 0.00 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Tgt Ion: 94 Resp: 21492

Ion	Ratio	Lower	Upper
94	100		
65	48.0	19.2	59.2
66	149.7	44.4	84.4#

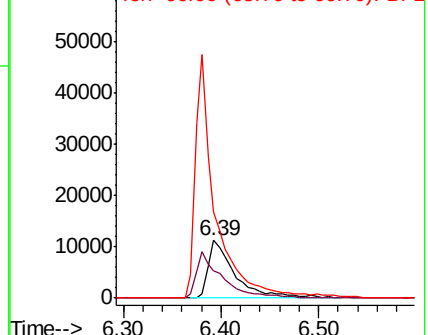
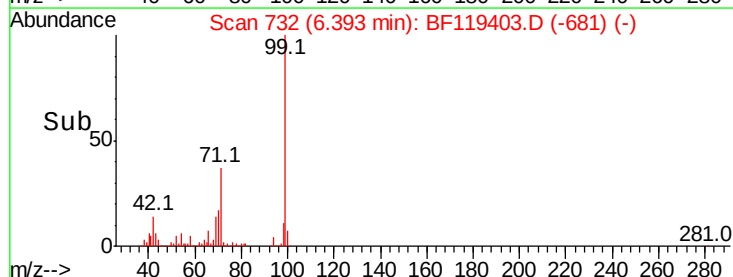


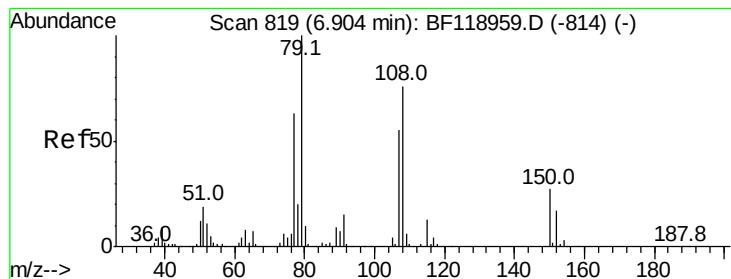
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.347 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Instrument :

BNA_F

ClientSampled :

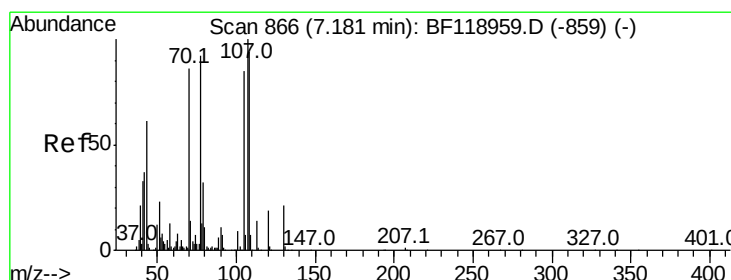
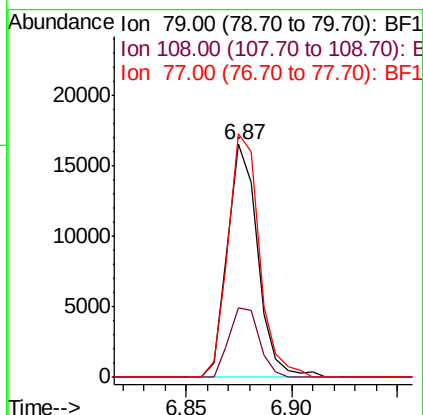
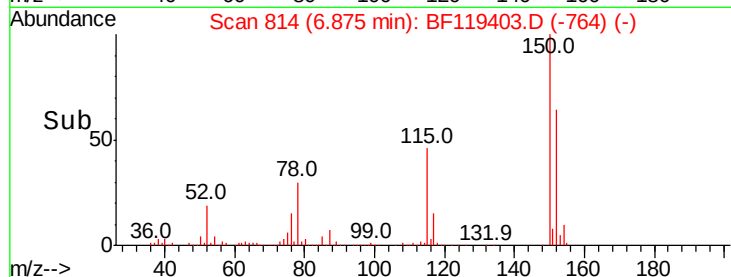
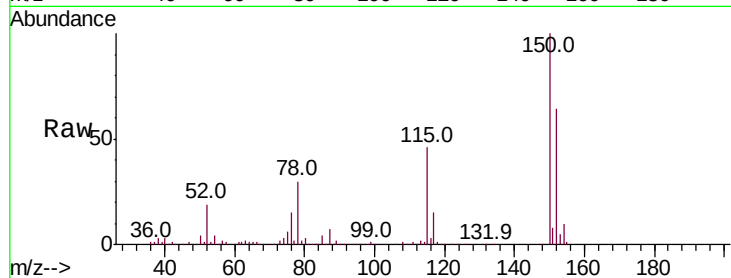
Tot Ion: 79 Resp: 16419

Ion Ratio Lower Upper

79 100

108 29.8 58.2 87.2#

77 104.3 51.2 76.8#



#19

n-Nitroso-di-n-propylamine

Concen: 23.520 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Tgt Ion: 70 Resp: 132669

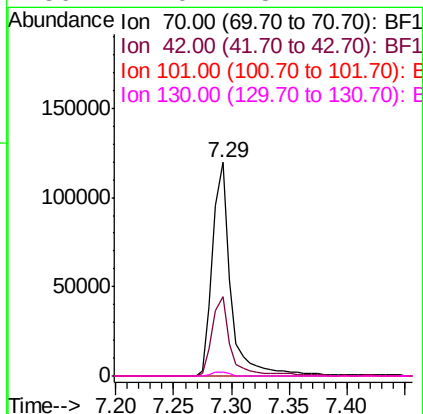
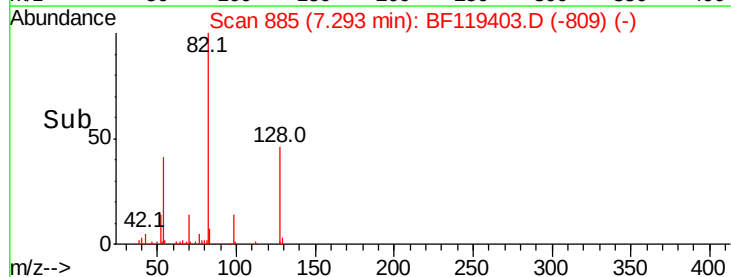
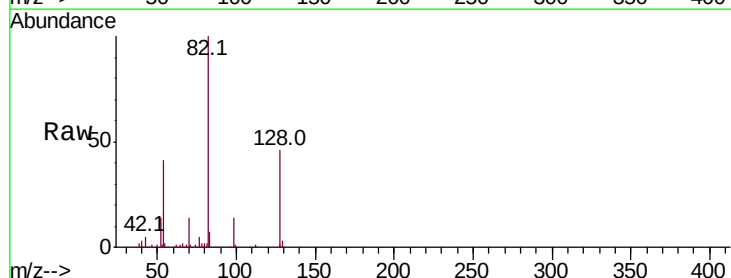
Ion Ratio Lower Upper

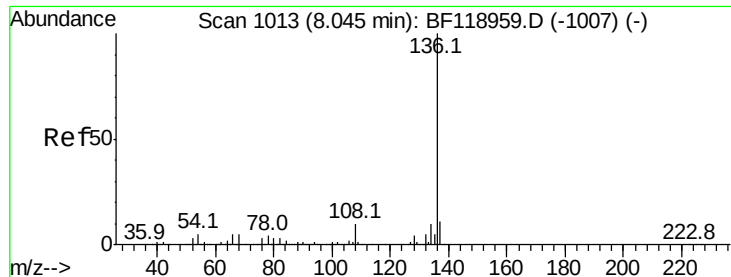
70 100

42 36.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

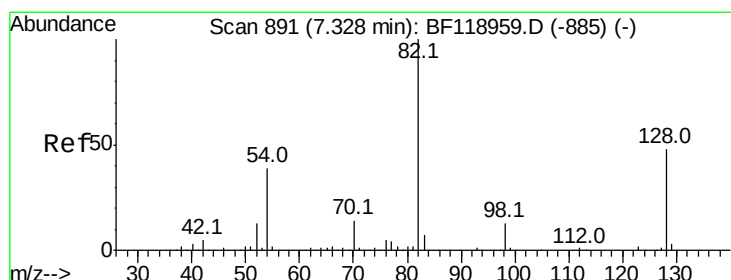
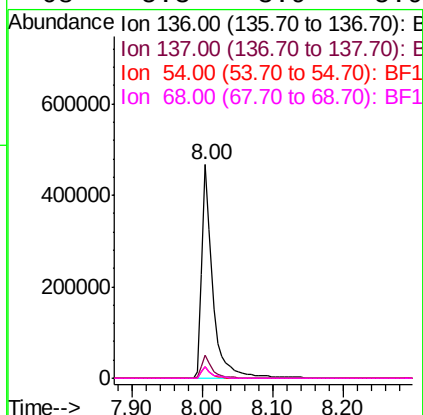
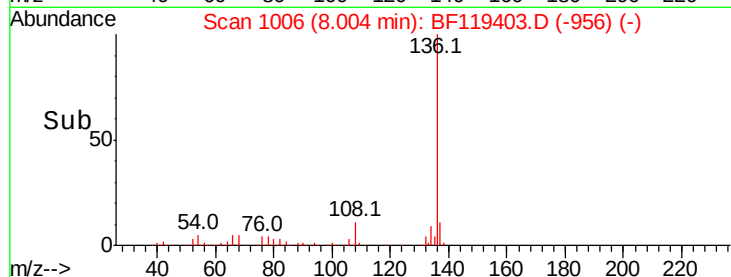
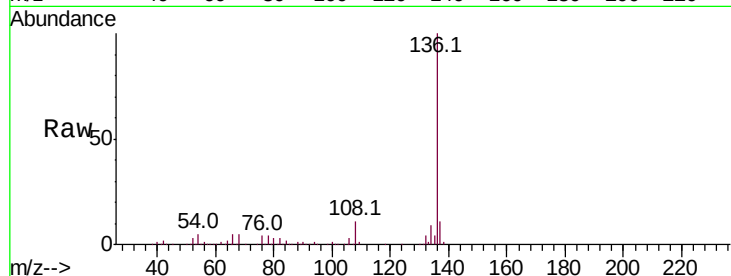




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

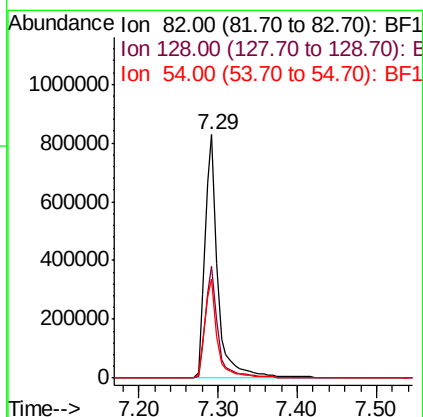
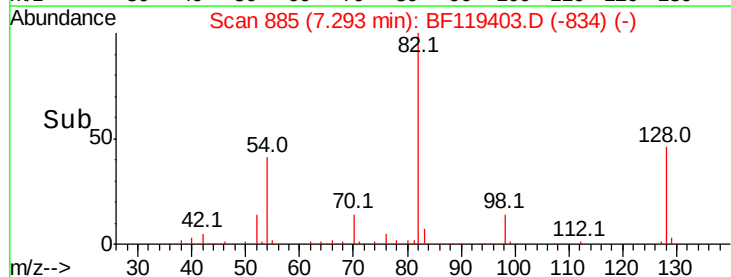
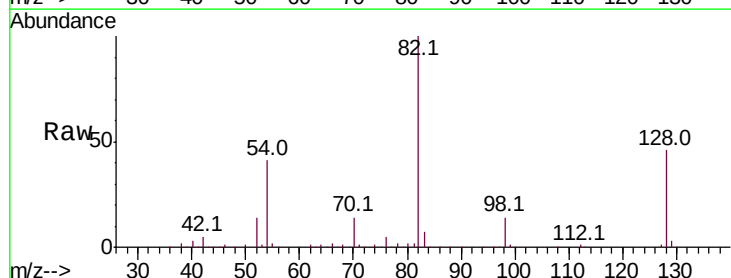
Instrument :
BNA_F
ClientSampleId :

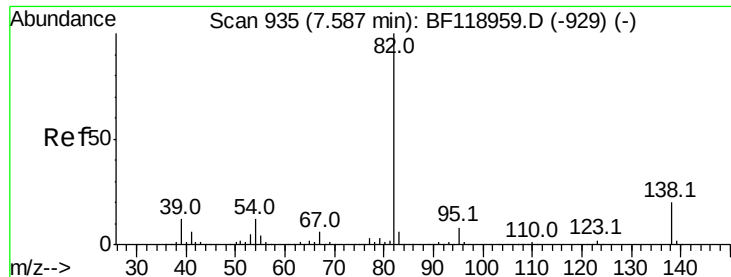
Tot Ion:	136	Resp:	521358
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.2	3.8	5.6
68	5.3	3.9	5.9



#23
Nitrobenzene-d5
Concen: 96.698 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Tgt Ion:	82	Resp:	954816
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.9	56.9
54	40.8	33.4	50.2





#25

Isophorone

Concen: 55.679 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Instrument :

BNA_F

ClientSampleId :

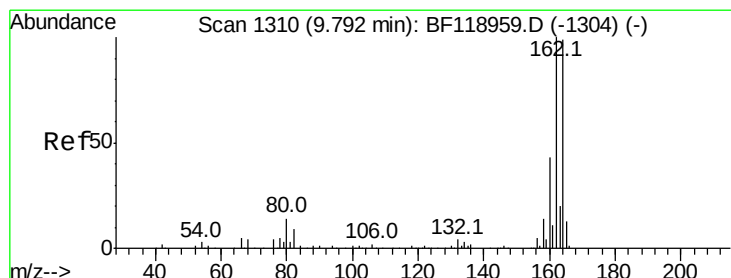
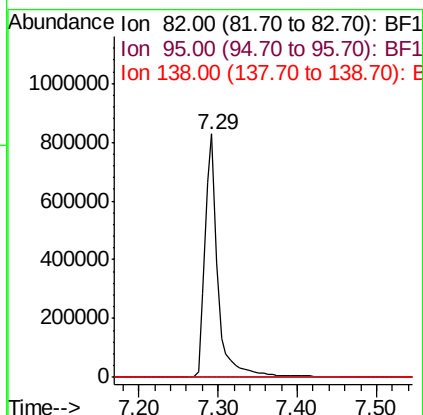
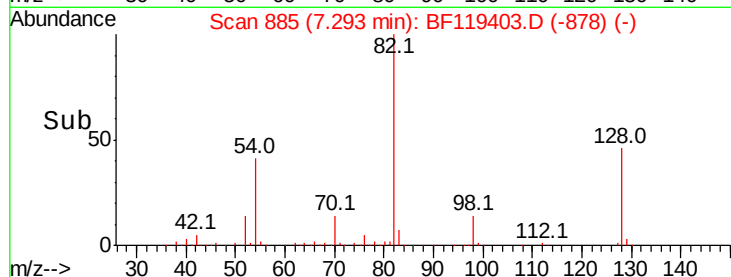
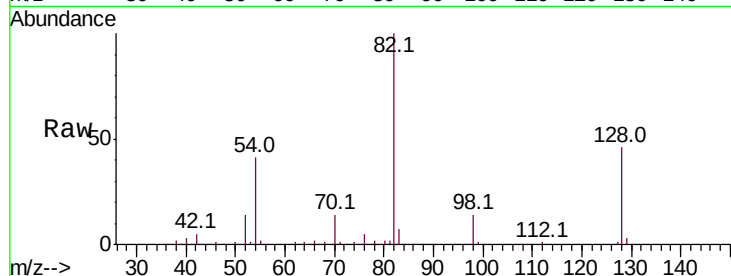
Tot Ion: 82 Resp: 954816

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: BF119403.D

Acq: 13 Mar 2020 2:20

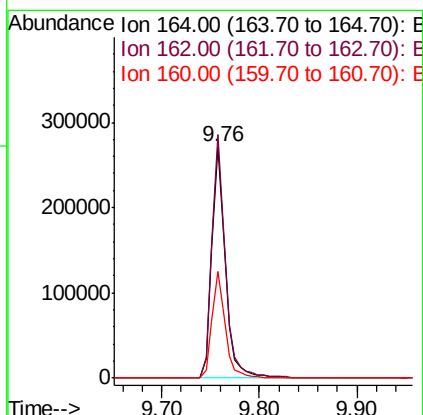
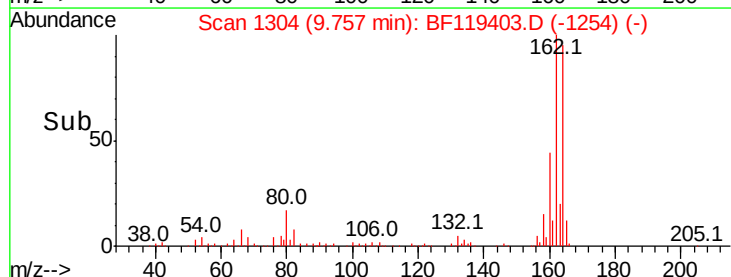
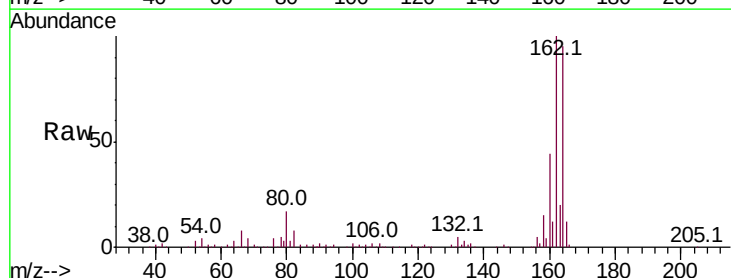
Tgt Ion:164 Resp: 264044

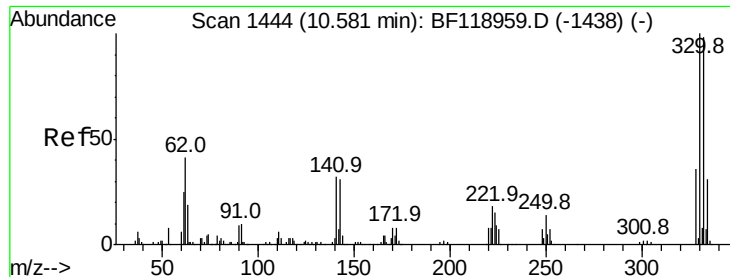
Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

160 46.1 36.0 54.0

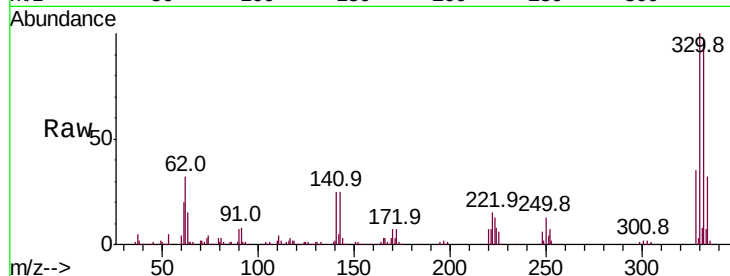




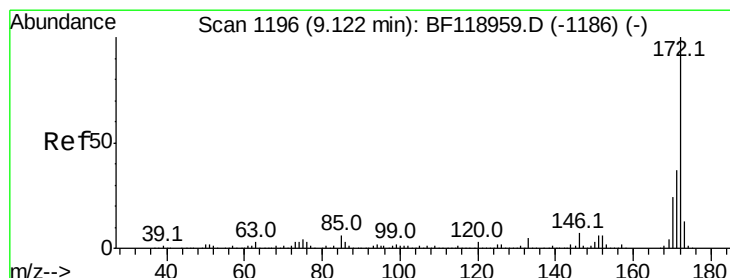
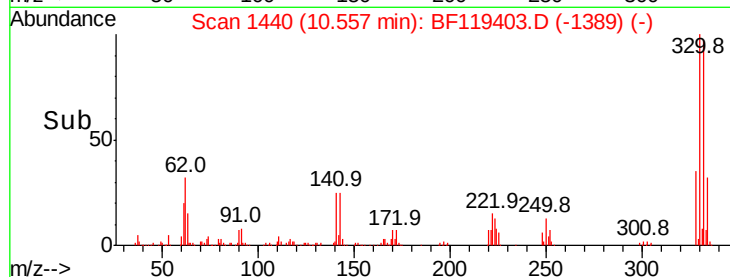
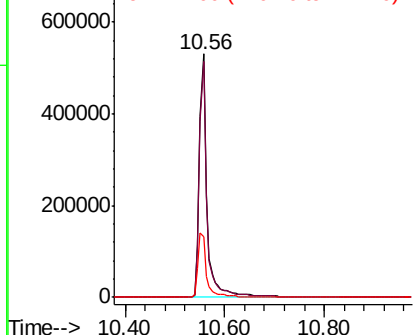
#42
 2,4,6-Tribromophenol
 Concen: 165.862 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	30.0	22.9	34.3

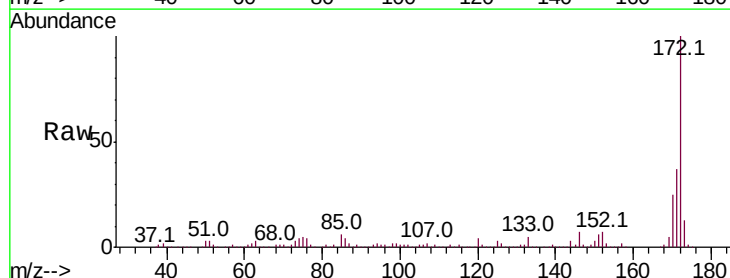


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

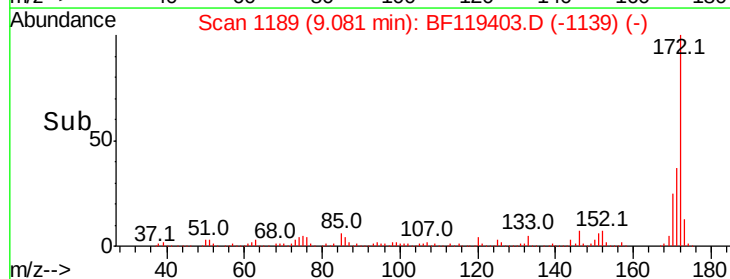
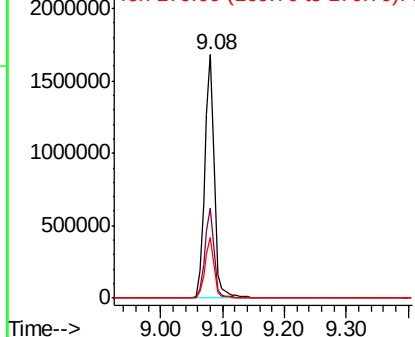


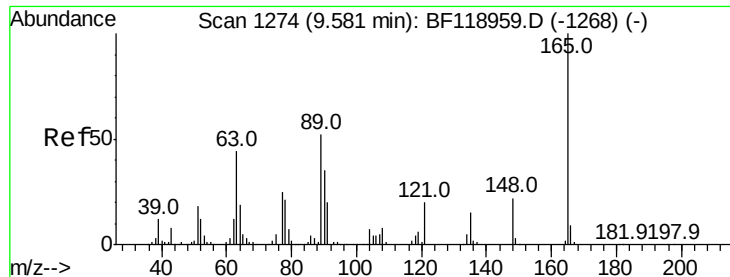
#45
 2-Fluorobiphenyl
 Concen: 102.358 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.7	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

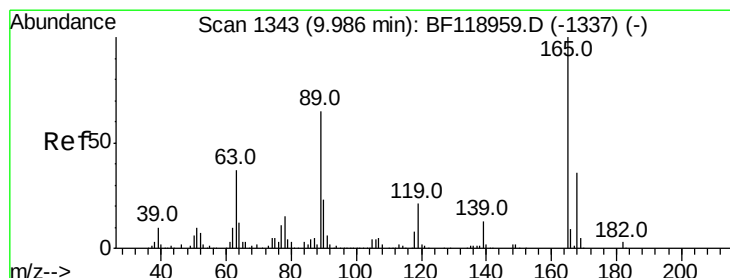
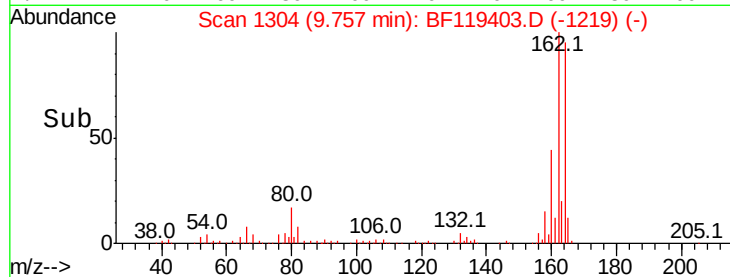
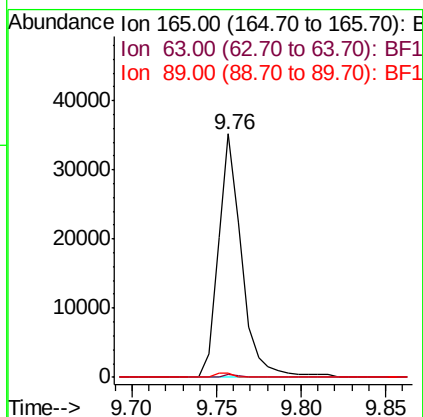
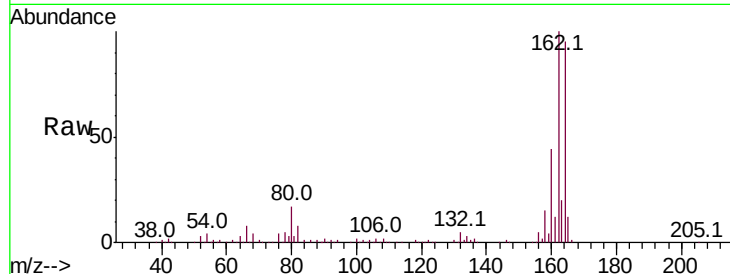




#51
 2,6-Dinitrotoluene
 Concen: 7.552 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

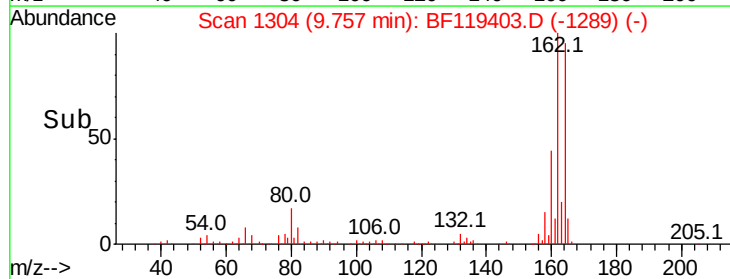
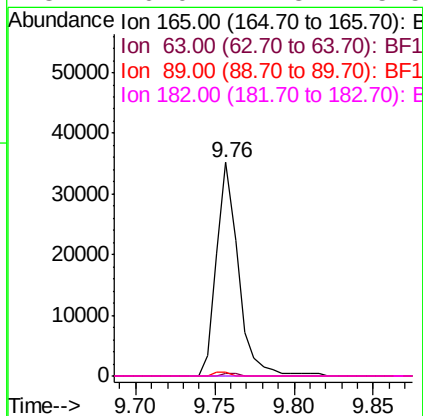
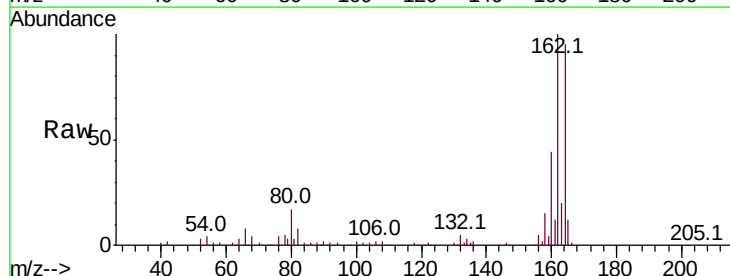
Instrument :
 BNA_F
 ClientSampleId :

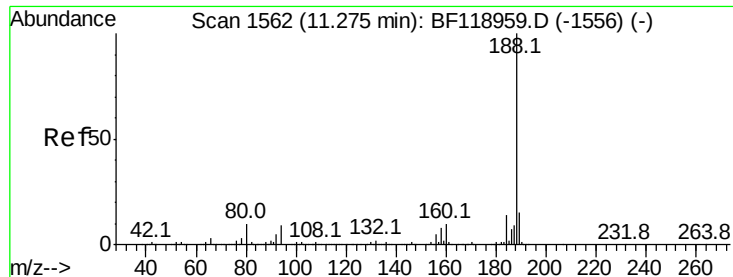
Tot Ion:	165	Resp:	33876
Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	2.0	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Tgt Ion:	165	Resp:	33877
Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	2.0	60.2	90.4#
182	0.0	2.3	3.5#

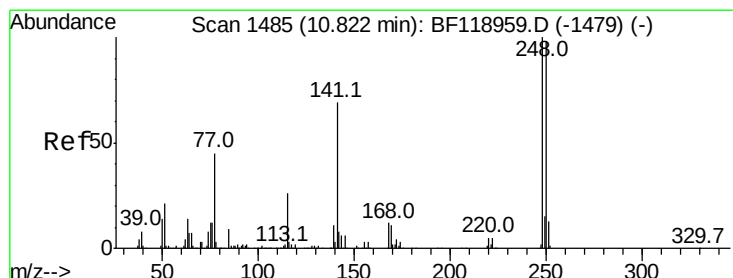
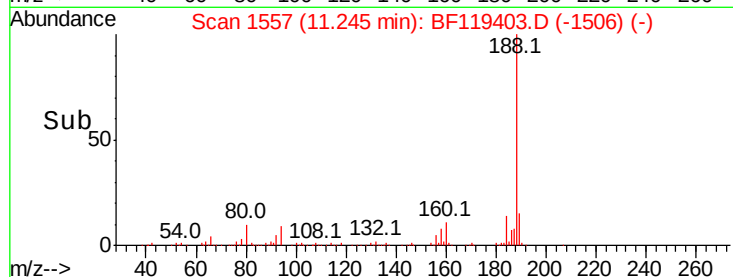
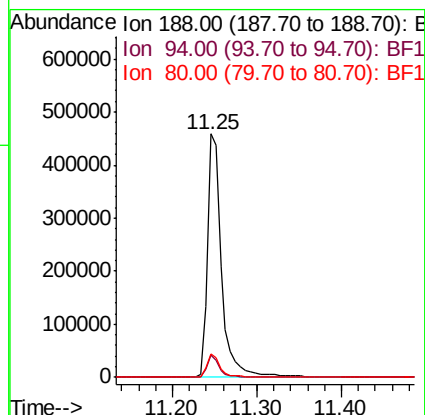
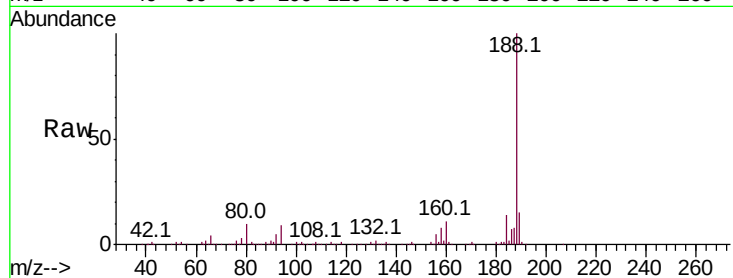




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

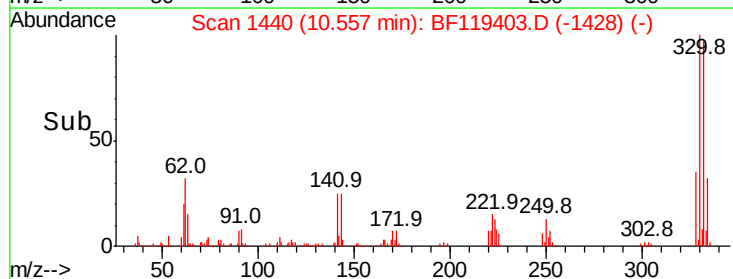
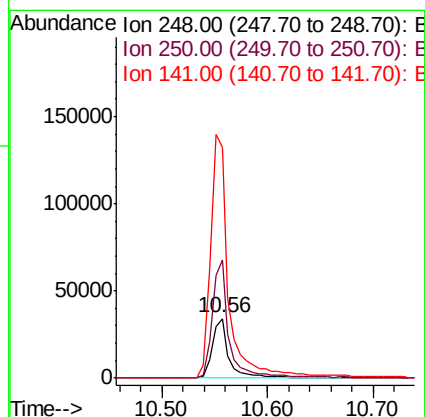
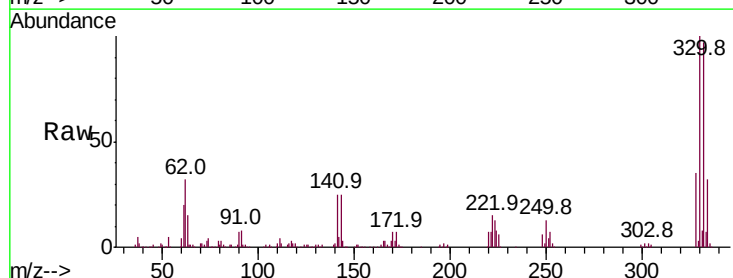
Instrument :
BNA_F
ClientSampleId :

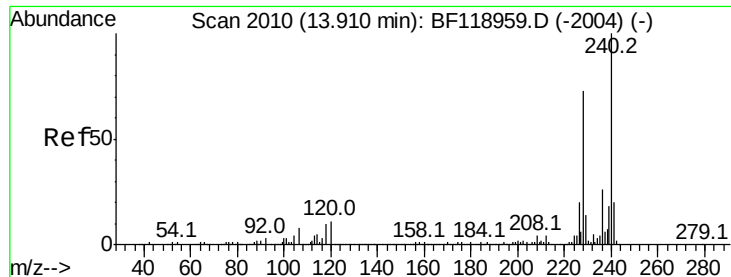
Tot Ion:188 Resp: 533989
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.8 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 5.412 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Tgt Ion:248 Resp: 37775
Ion Ratio Lower Upper
248 100
250 200.0 76.7 115.1#
141 389.4 60.7 91.1#

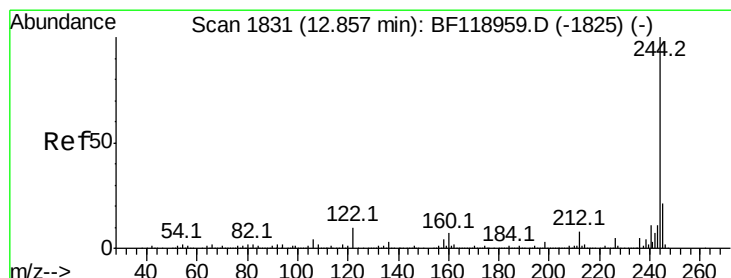
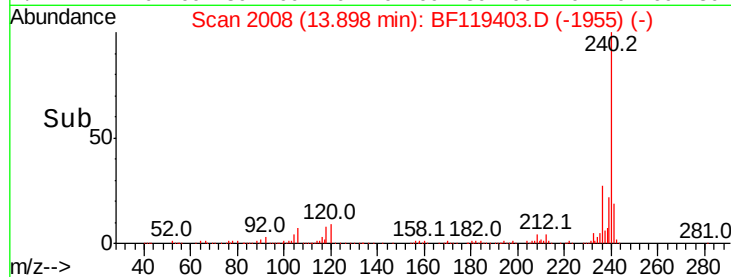
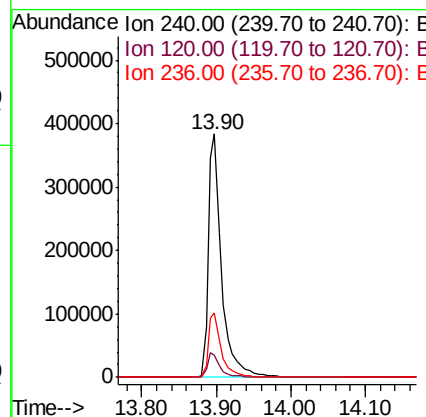
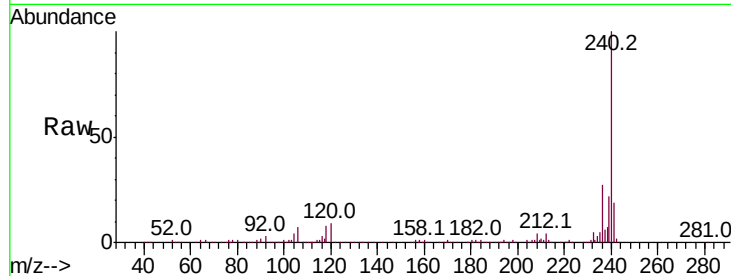




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

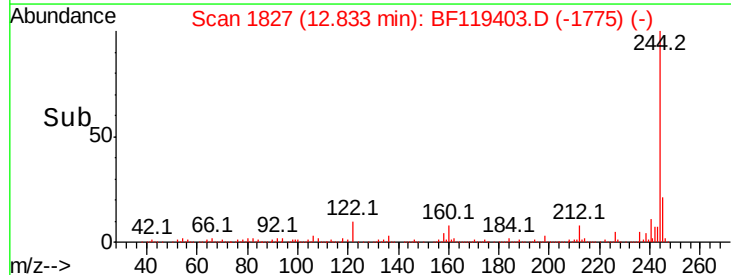
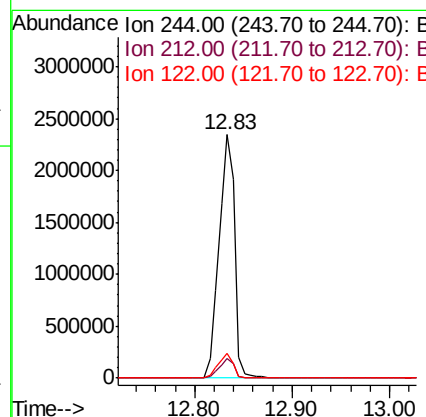
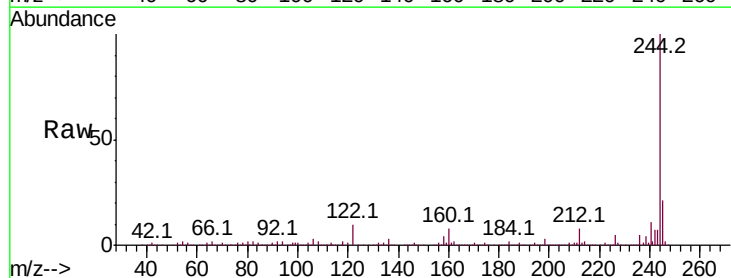
Instrument :
 BNA_F
 ClientSampled :

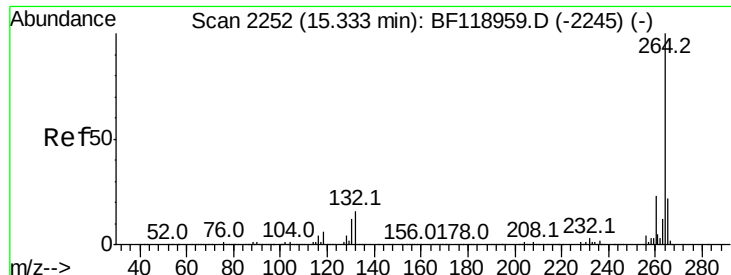
Tot Ion:240 Resp: 476886
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.4 12.6
 236 26.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 93.366 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Tgt Ion:244 Resp: 2586150
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 10.1 8.2 12.2

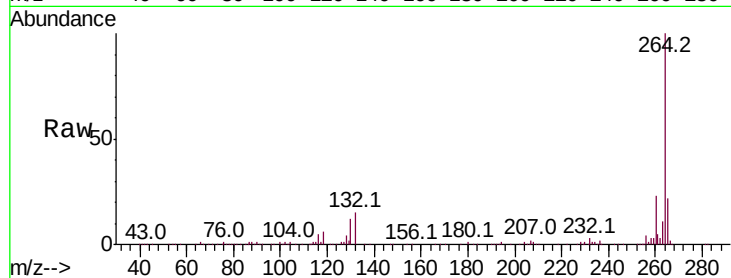




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.6	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

