

Data File : BF119278.D
Acq On : 7 Mar 2020 5:56
Operator : CG/JU
Sample : PB127331TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127331TB

Quant Time: Mar 09 04:09:02 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	107158	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	400607	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	210170	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	348942	20.00	ng	0.00
76) Chrysene-d12	13.88	240	284990	20.00	ng	0.00
87) Perylene-d12	15.31	264	265337	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	805297	125.59	ng	0.01
7) Phenol-d6	6.38	99	880371	112.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	692901	91.32	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	359981	130.93	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1368483	95.92	ng	0.00
79) Terphenyl-d14	12.83	244	1527906	92.30	ng	0.00

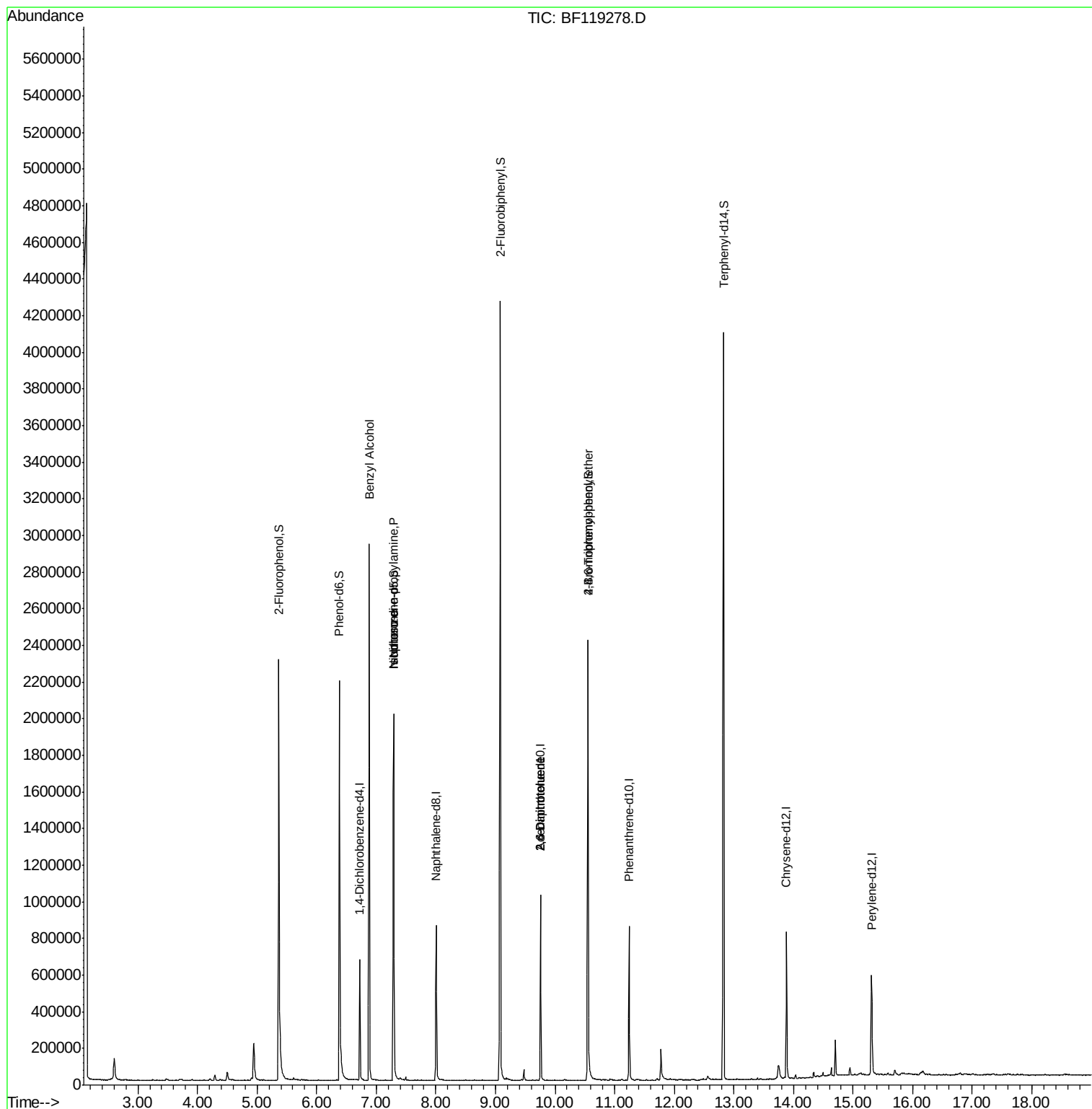
Target Compounds						Qvalue
15) Benzyl Alcohol	6.88	79	12582	2.232	ng	# 45
19) n-Nitroso-di-n-propylamine	7.29	70	96165	21.163	ng	# 74
25) Isophorone	7.29	82	692892	52.584	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	26769	7.497	ng	# 32
57) 2,4-Dinitrotoluene	9.76	165	26769	5.784	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	22863	5.013	ng	# 1

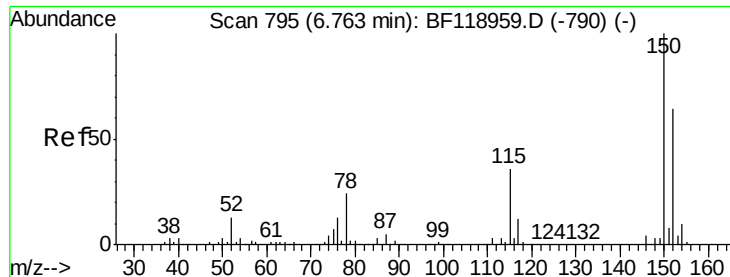
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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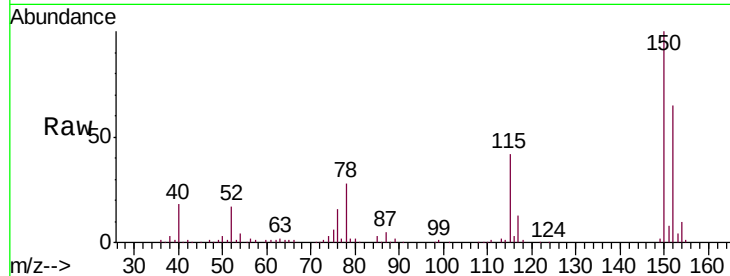


#1

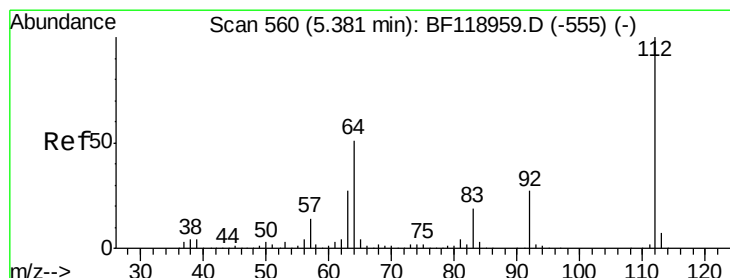
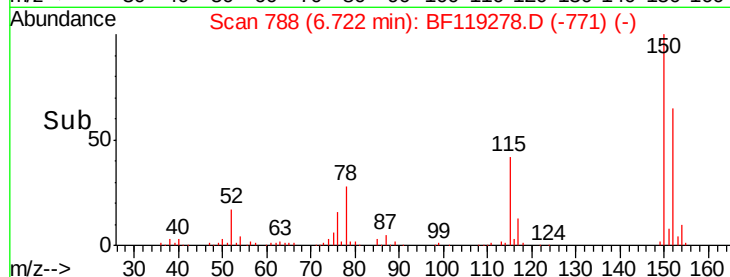
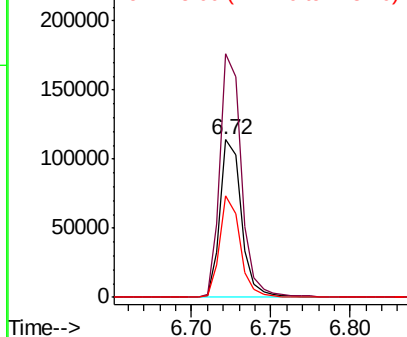
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Instrument :
BNA_F
ClientSampleId :
PB127331TB

Tgt Ion:152 Resp: 107158
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.6
115 64.7 49.5 74.3



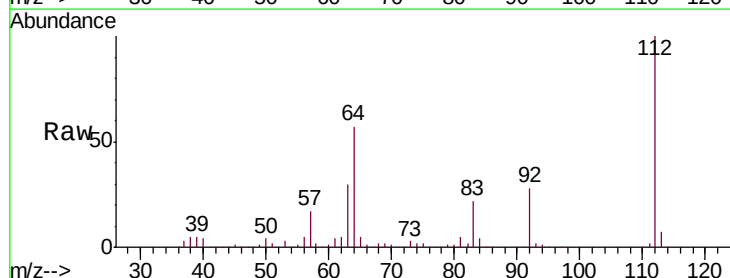
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



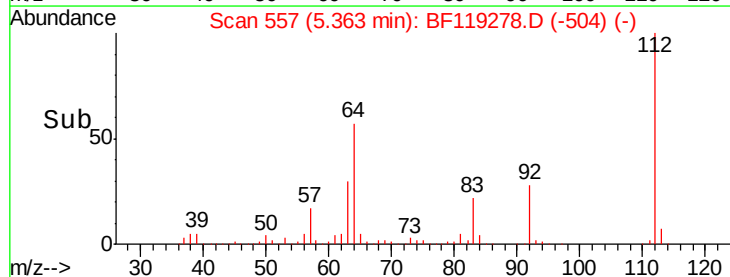
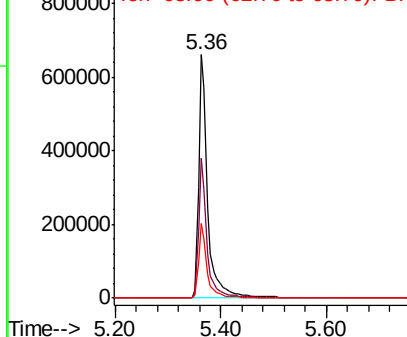
#5

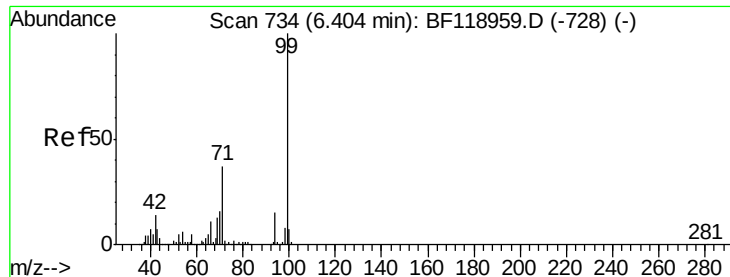
2-Fluorophenol
Concen: 125.590 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Tgt Ion:112 Resp: 805297
Ion Ratio Lower Upper
112 100
64 57.3 45.0 67.4
63 30.4 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: 112.892 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

Instrument :

BNA_F

ClientSampleId :

PB127331TB

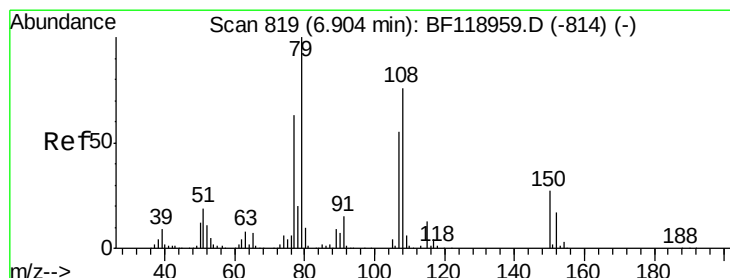
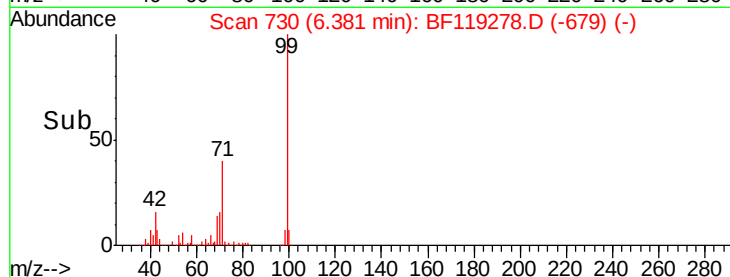
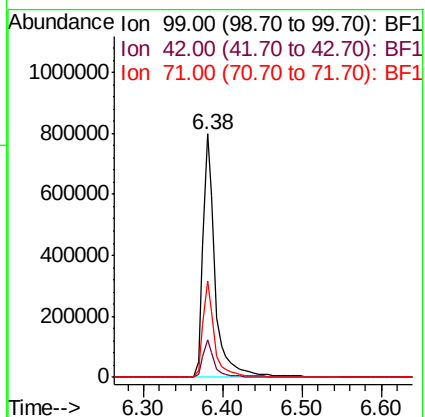
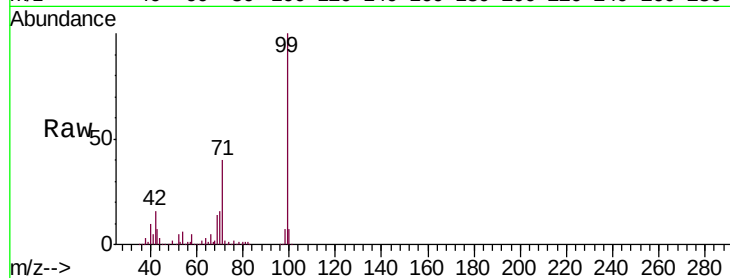
Tgt Ion: 99 Resp: 880371

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

71 39.6 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.232 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

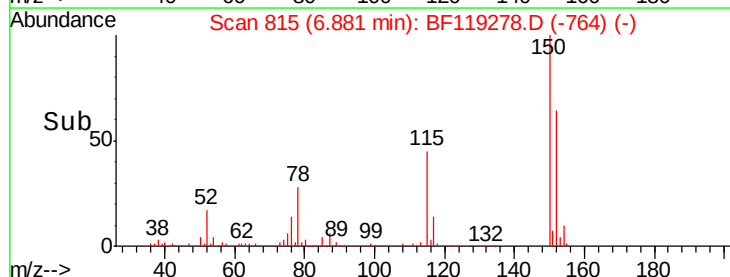
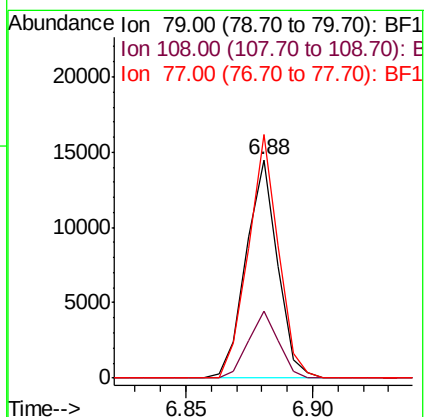
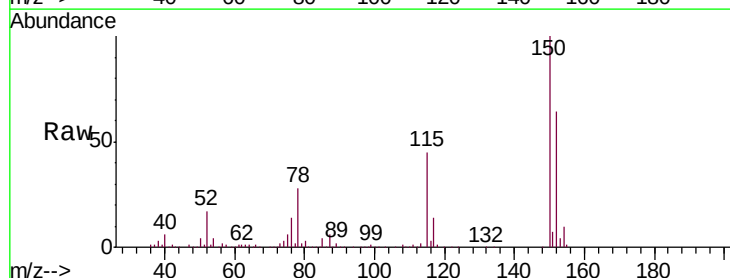
Tgt Ion: 79 Resp: 12582

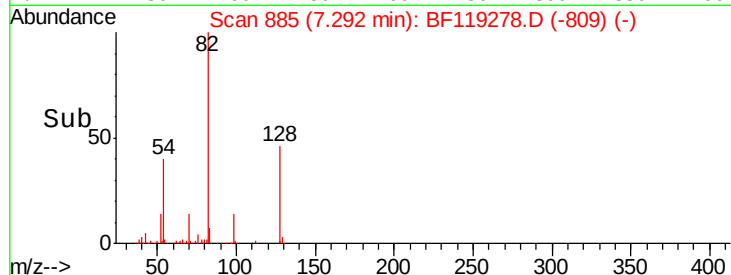
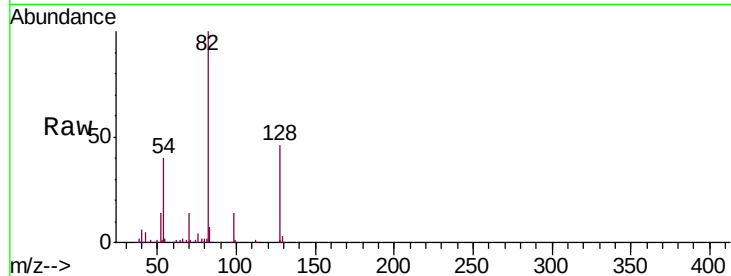
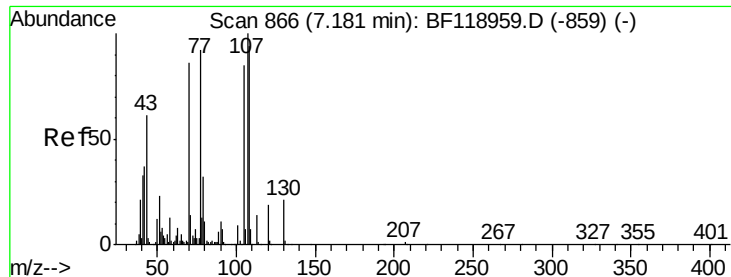
Ion Ratio Lower Upper

79 100

108 30.5 58.2 87.2#

77 111.7 51.2 76.8#

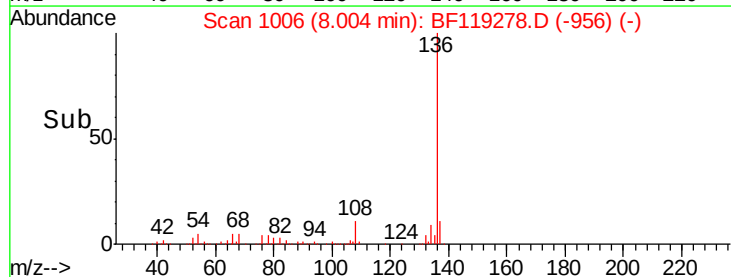
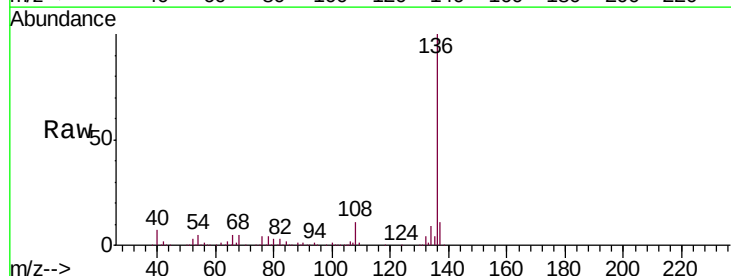
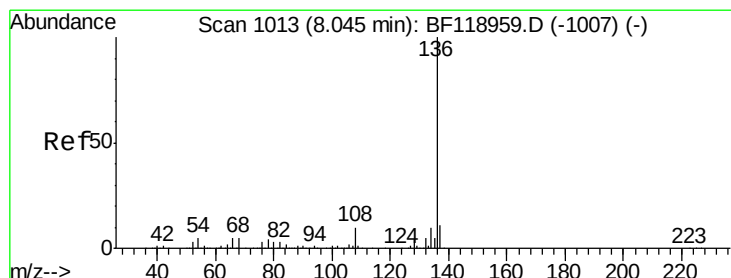
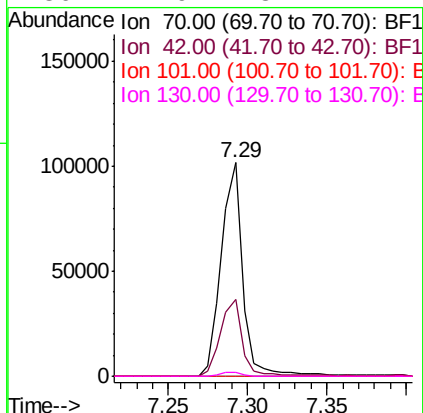




#19
n-Nitroso-di-n-propylamine
Concen: 21.163 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

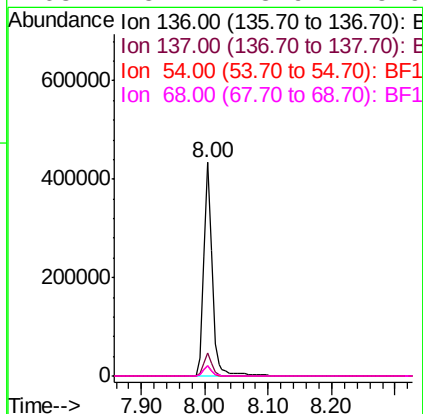
Instrument :
BNA_F
ClientSampleId :
PB127331TB

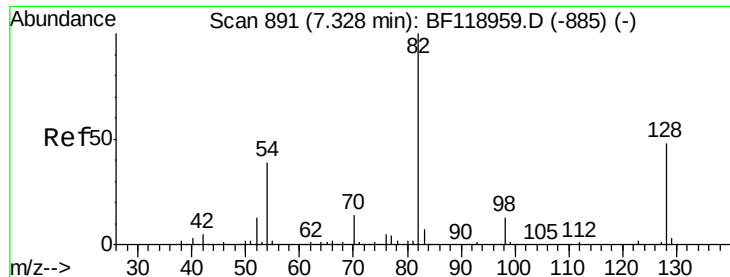
Tgt Ion	Ratio	Lower	Upper
70	100		
42	36.3	38.0	57.0#
101	0.0	8.2	12.4#
130	1.9	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.1	3.8	5.6
68	5.1	3.9	5.9

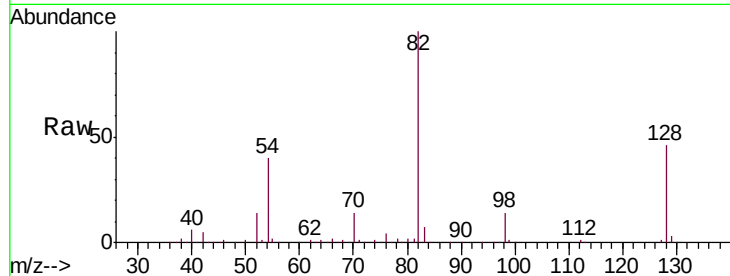




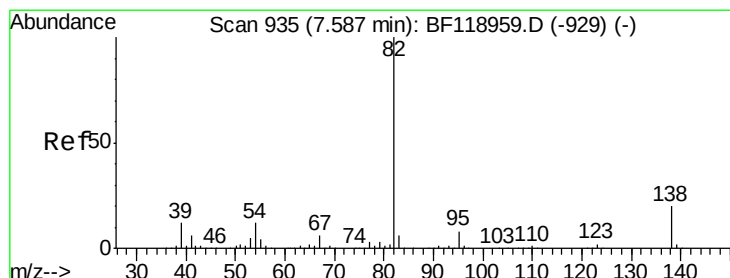
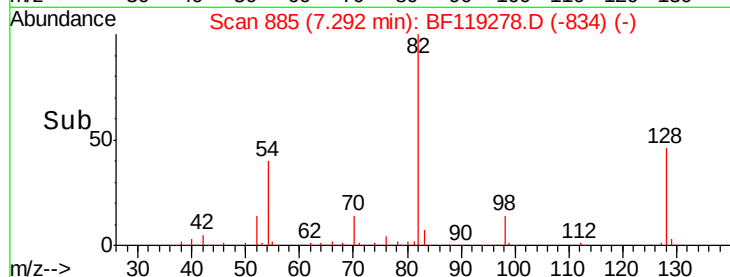
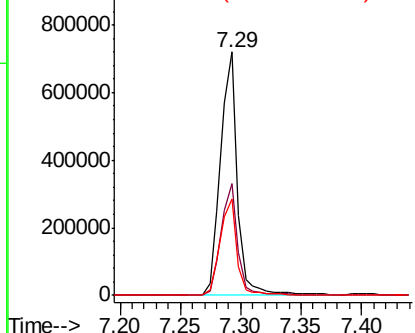
#23
 Nitrobenzene-d5
 Concen: 91.324 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119278.D
 Acq: 7 Mar 2020 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127331TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.9	56.9
54	39.6	33.4	50.2

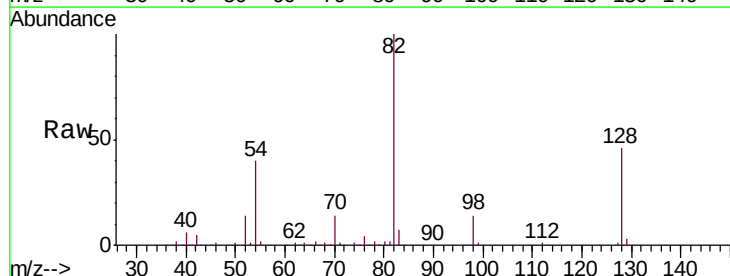


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

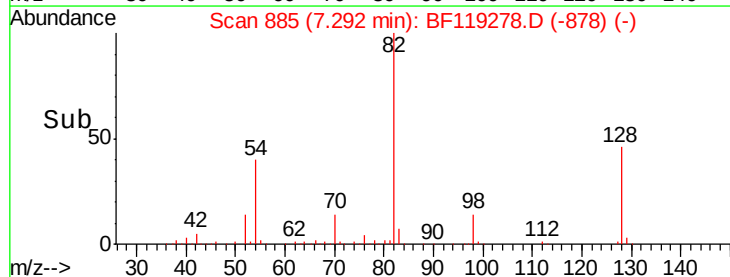
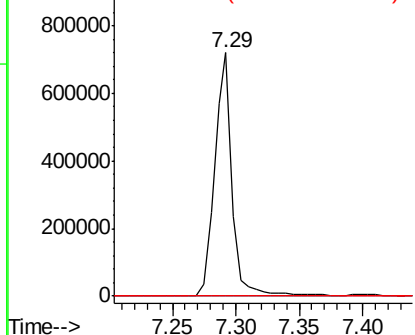


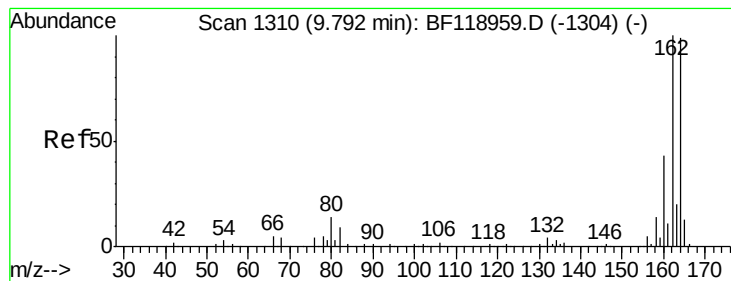
#25
 Isophorone
 Concen: 52.584 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119278.D
 Acq: 7 Mar 2020 5:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

Instrument :

BNA_F

ClientSampleId :

PB127331TB

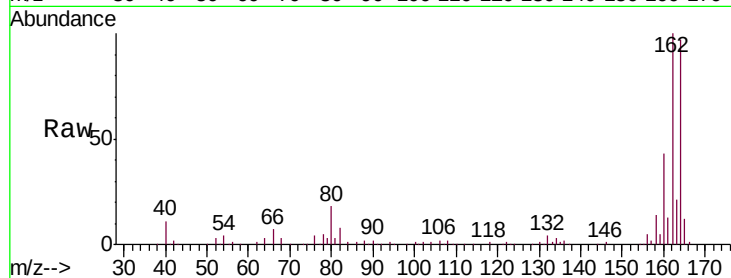
Tgt Ion:164 Resp: 210170

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

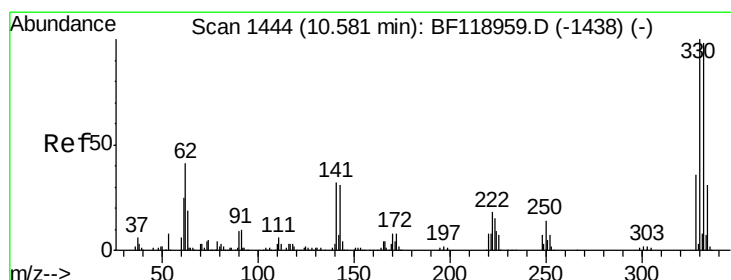
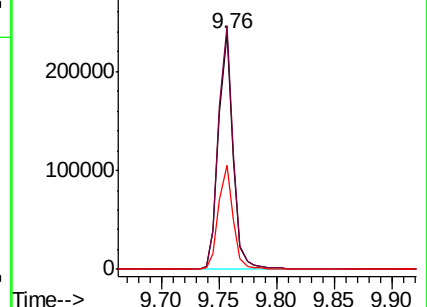
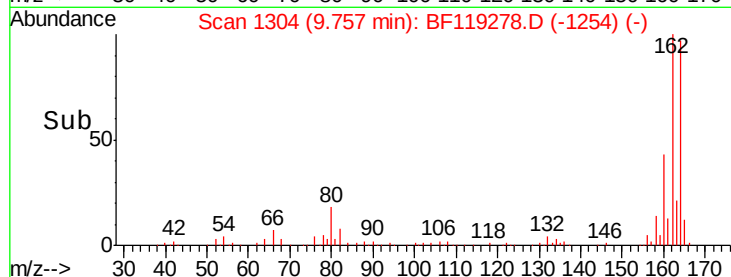
160 44.4 36.0 54.0



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: 130.932 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

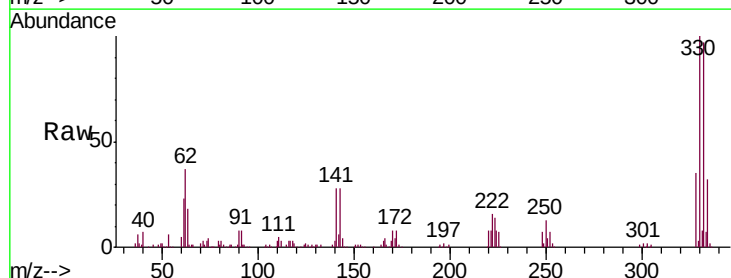
Tgt Ion:330 Resp: 359981

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

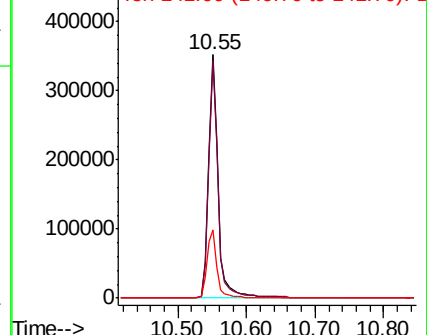
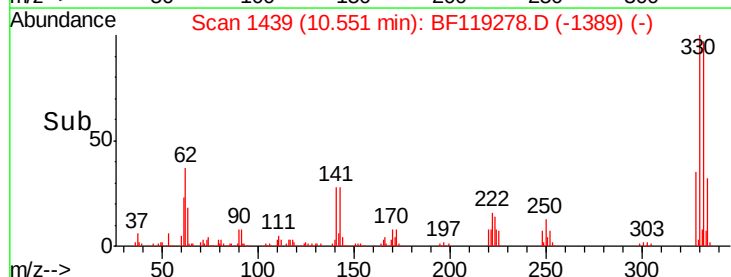
141 29.4 22.9 34.3

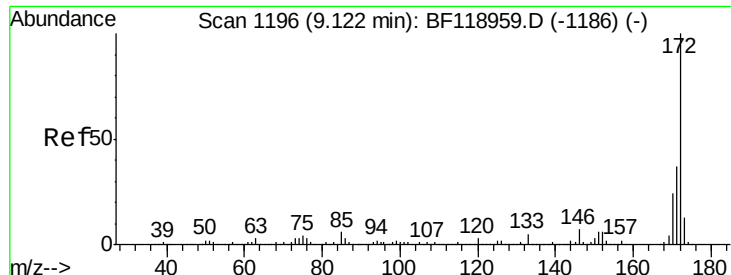


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

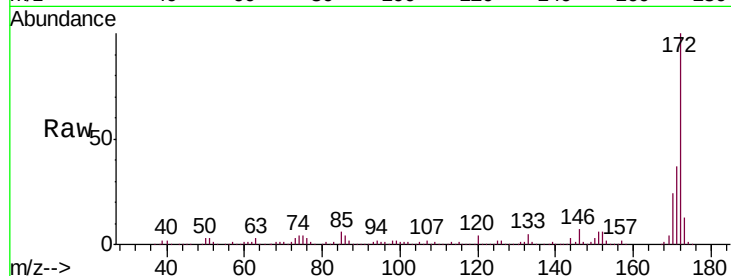




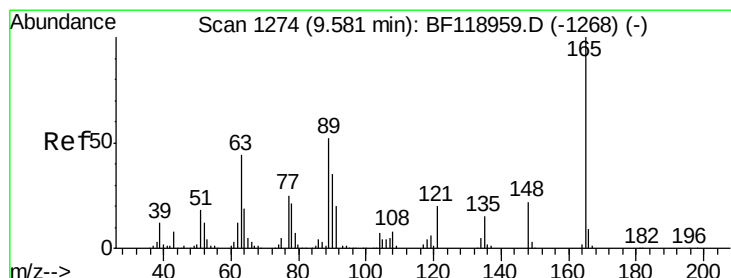
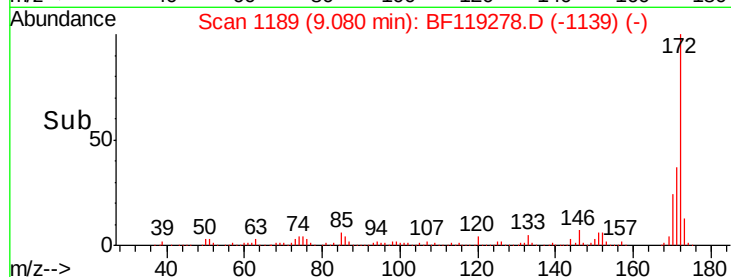
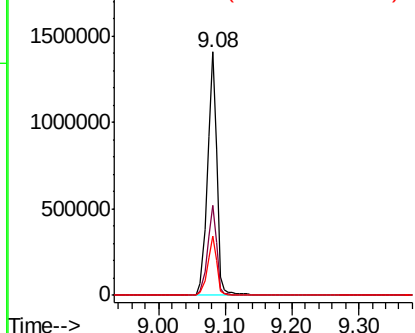
#45
2-Fluorobiphenyl
Concen: 95.923 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Instrument :
BNA_F
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PB127331TB

Tgt Ion:172 Resp: 1368483
Ion Ratio Lower Upper
172 100
171 37.1 30.6 45.8
170 24.4 20.2 30.2

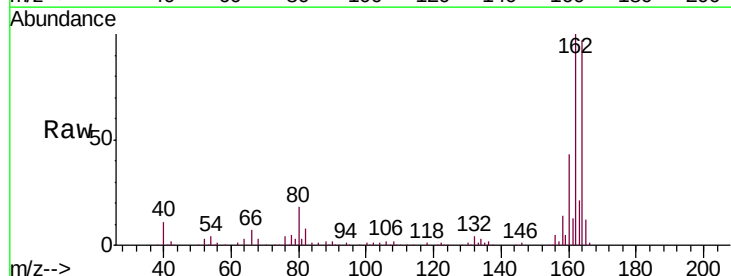


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

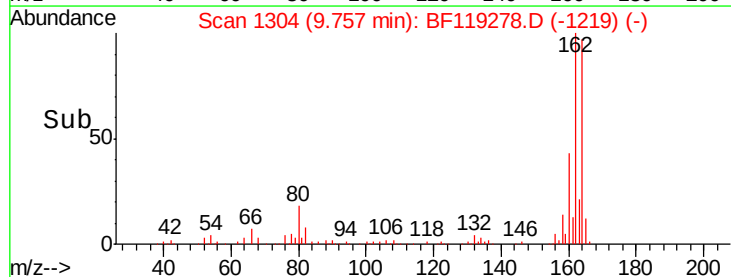
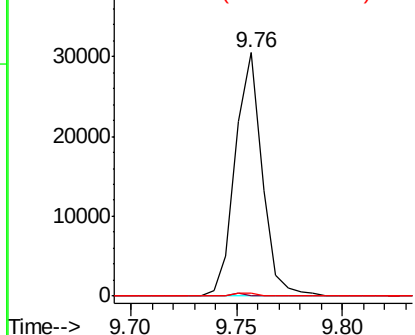


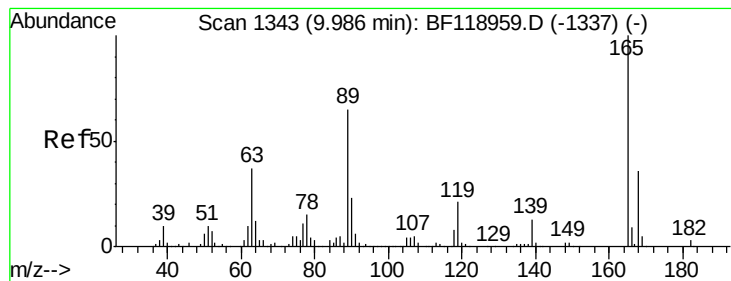
#51
2,6-Dinitrotoluene
Concen: 7.497 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Tgt Ion:165 Resp: 26769
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.5 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: 5.784 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

Instrument :

BNA_F

ClientSampleId :

PB127331TB

Tgt Ion:165 Resp: 26769

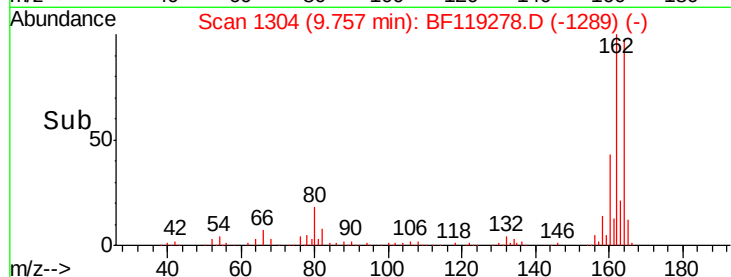
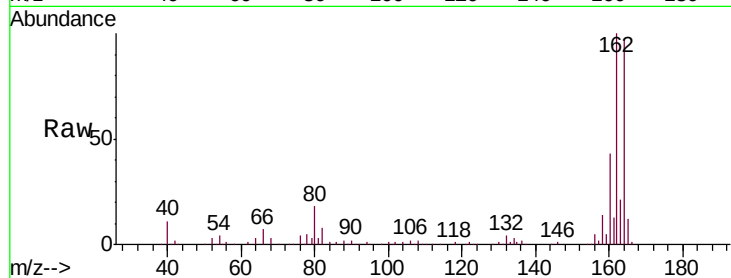
Ion Ratio Lower Upper

165 100

63 0.0 42.3 63.5#

89 1.5 60.2 90.4#

182 0.0 2.3 3.5#

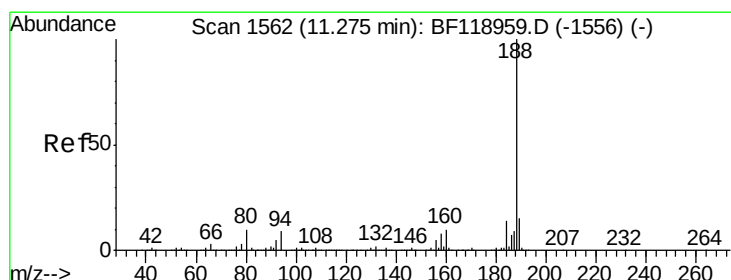
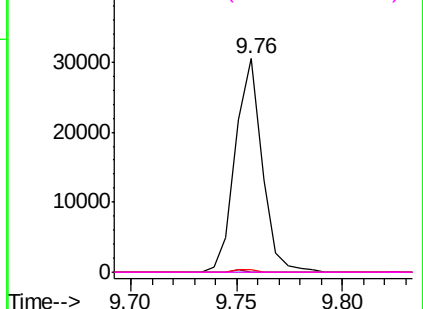


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

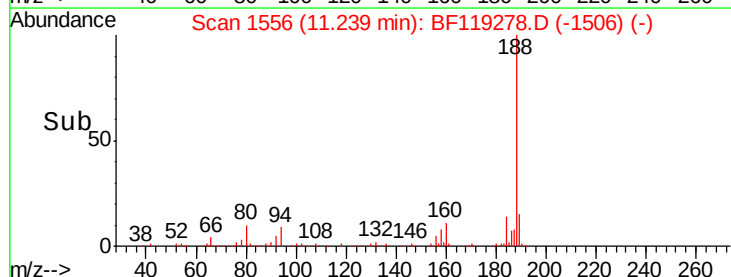
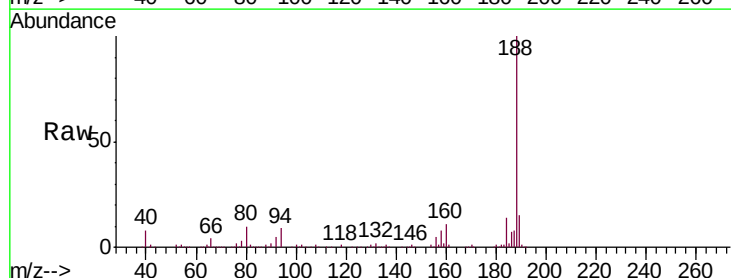
Tgt Ion:188 Resp: 348942

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

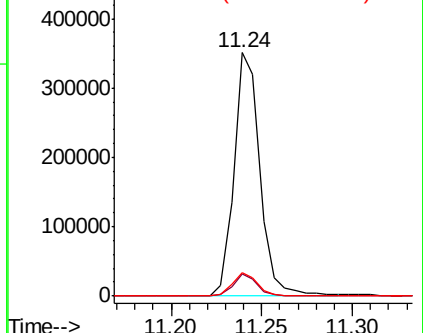
80 9.9 7.8 11.8

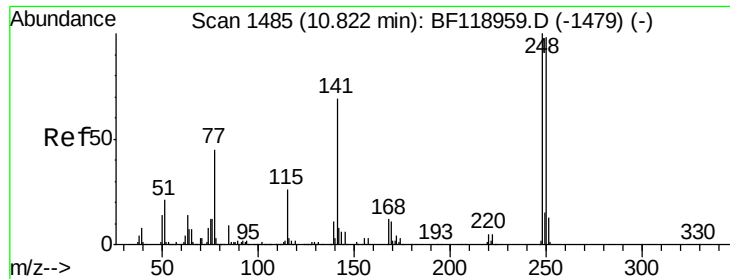


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

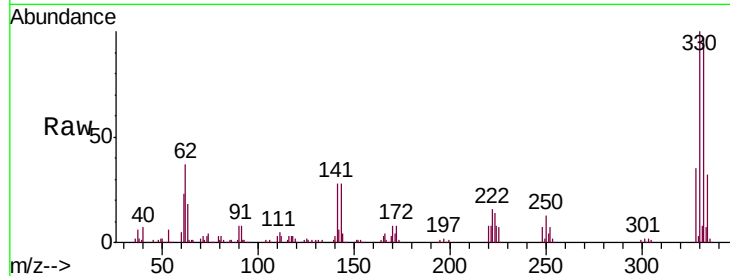




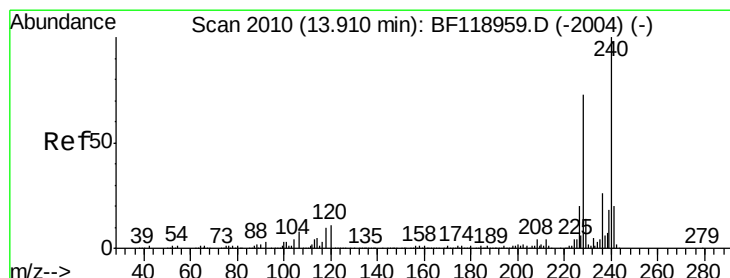
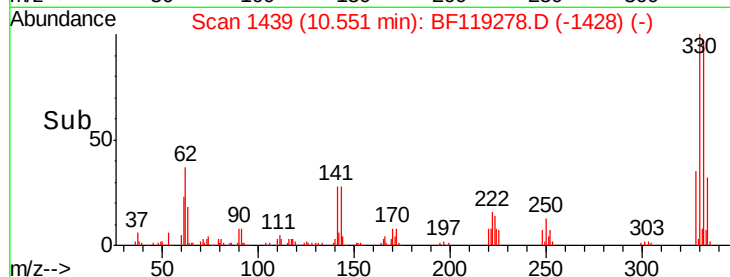
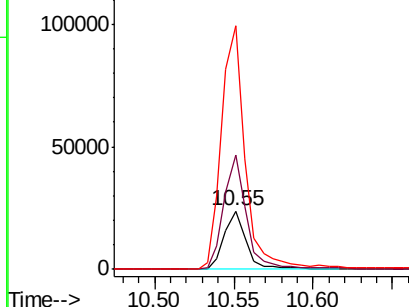
#67
4-Bromophenyl-phenylether
Concen: 5.013 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Instrument :
BNA_F
ClientSampleId :
PB127331TB

Tgt Ion: 248 Resp: 22863
Ion Ratio Lower Upper
248 100
250 197.2 76.7 115.1#
141 418.5 60.7 91.1#

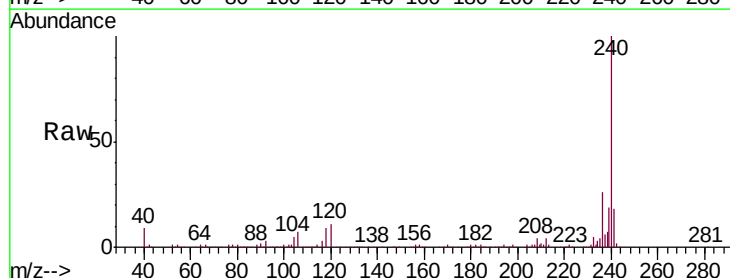


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

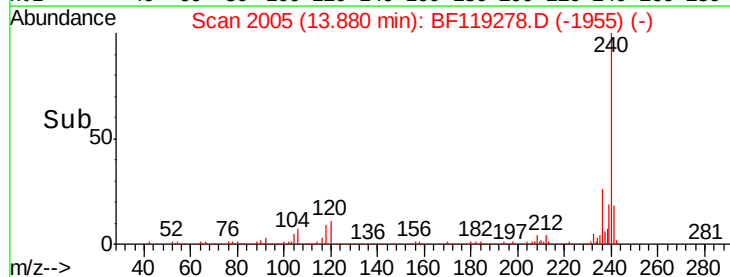
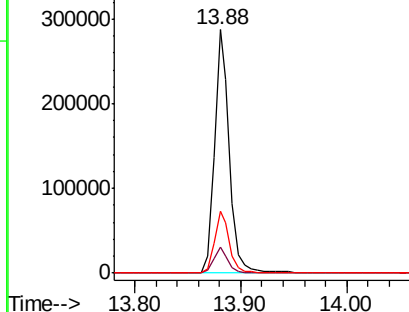


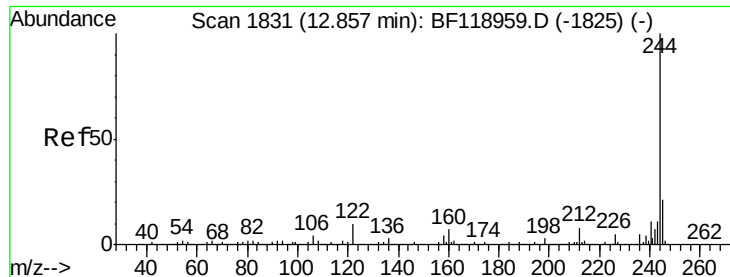
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119278.D
Acq: 7 Mar 2020 5:56

Tgt Ion: 240 Resp: 284990
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.6 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: 92.303 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

Instrument :

BNA_F

ClientSampleId :

PB127331TB

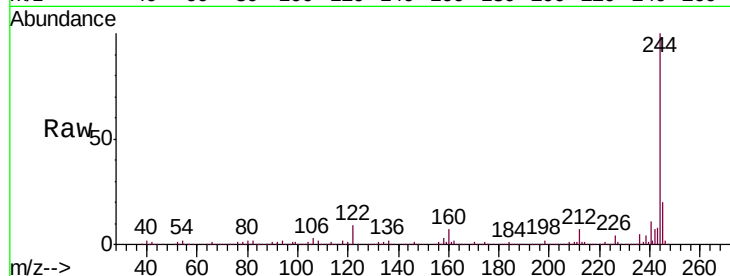
Tgt Ion:244 Resp: 1527906

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

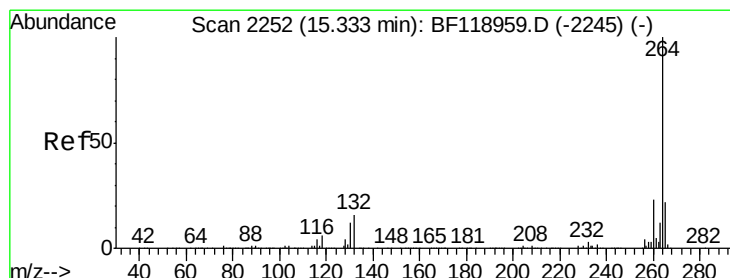
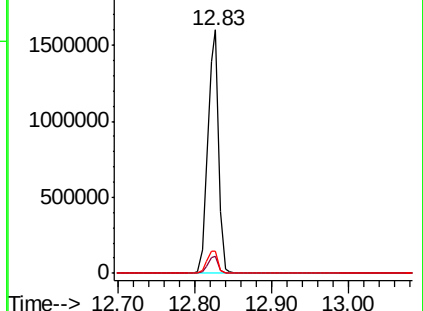
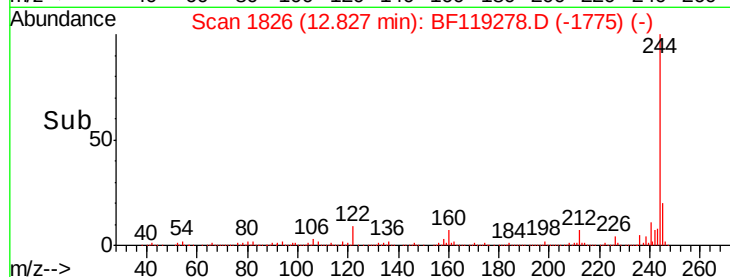
122 8.9 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119278.D

Acq: 7 Mar 2020 5:56

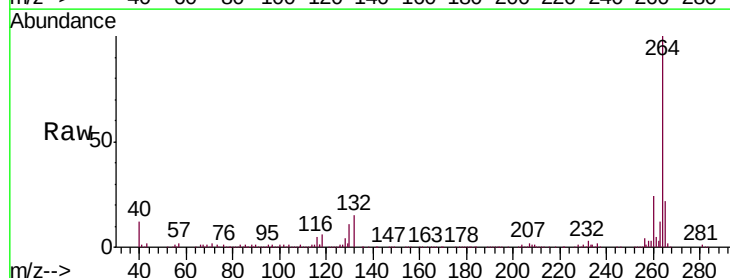
Tgt Ion:264 Resp: 265337

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.1 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

