

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119581.D
 Acq On : 27 Mar 2020 21:49
 Operator : CG/JU
 Sample : L2053-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SA

Quant Time: Mar 28 03:31:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

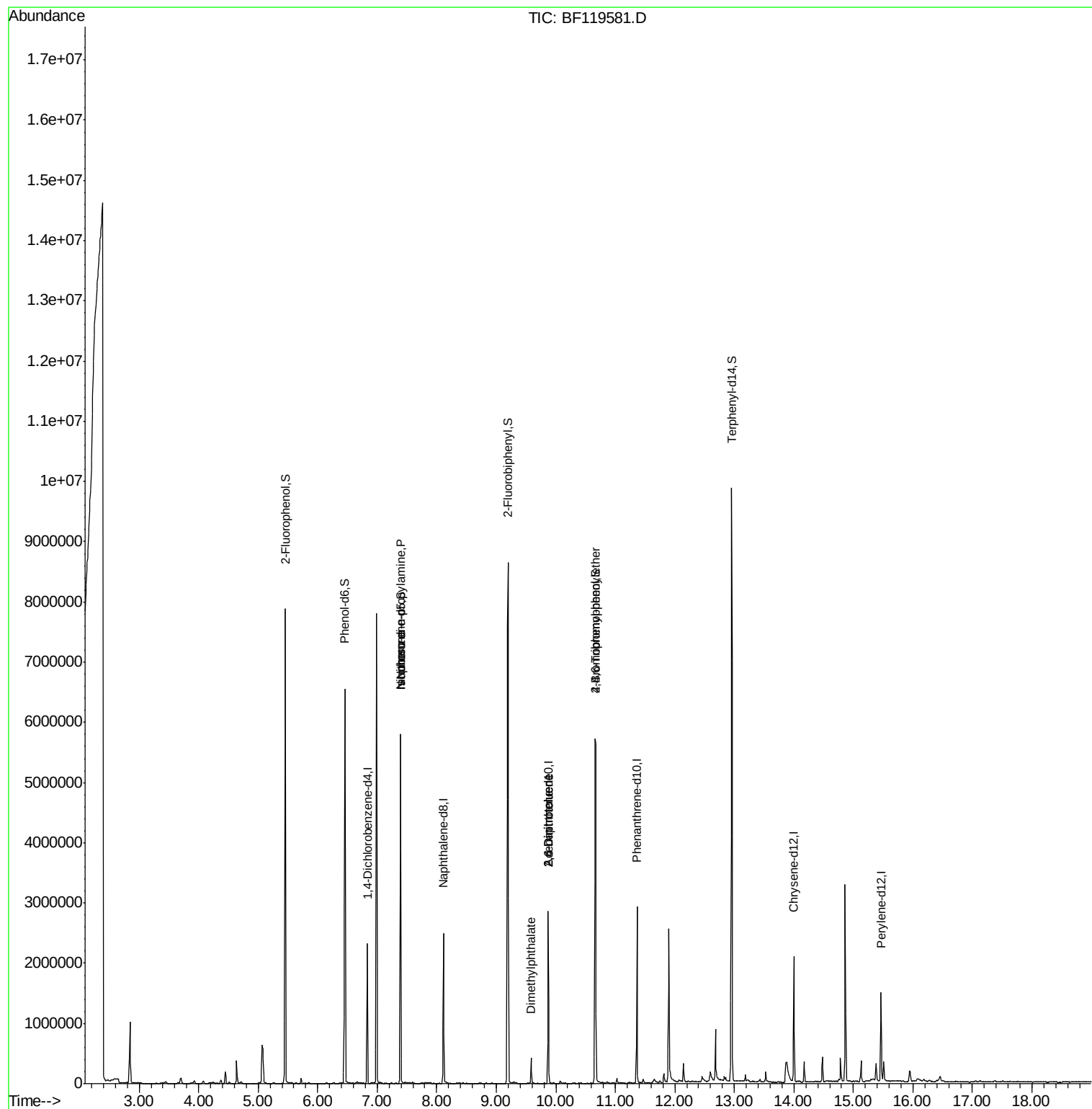
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	312945	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1193014	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	570824	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1030137	20.00	ng	0.00
76) Chrysene-d12	14.00	240	731212	20.00	ng	-0.01
87) Perylene-d12	15.46	264	690728	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2261289	115.03	ng	0.02
7) Phenol-d6	6.46	99	2636113	104.97	ng	0.00
23) Nitrobenzene-d5	7.39	82	2019626	92.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	828983	140.77	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3214018	83.41	ng	0.00
79) Terphenyl-d14	12.96	244	3985987	106.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	266397	17.60	ng	# 75
25) Isophorone	7.39	82	2002246	44.96	ng	# 65
50) Dimethylphthalate	9.59	163	156512	3.86	ng	100
51) 2,6-Dinitrotoluene	9.87	165	72417	8.33	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	72417	6.61	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	51234	4.37	ng	# 1

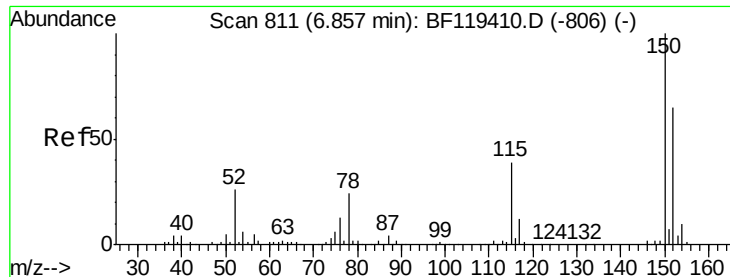
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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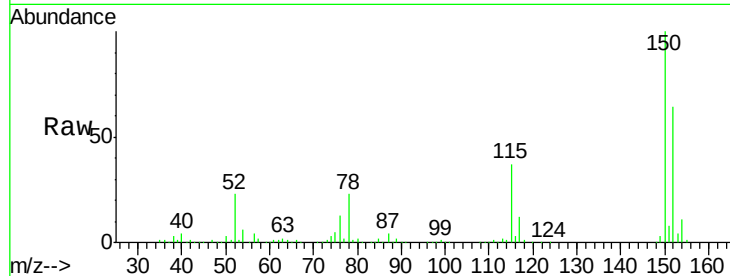


#1

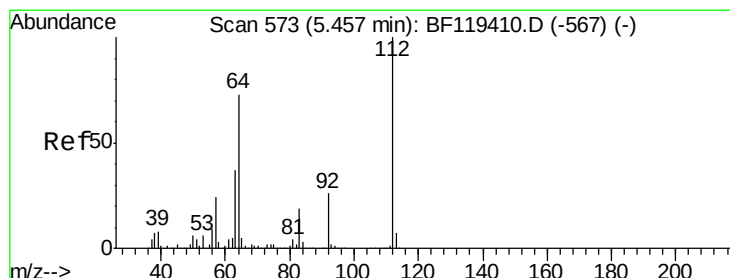
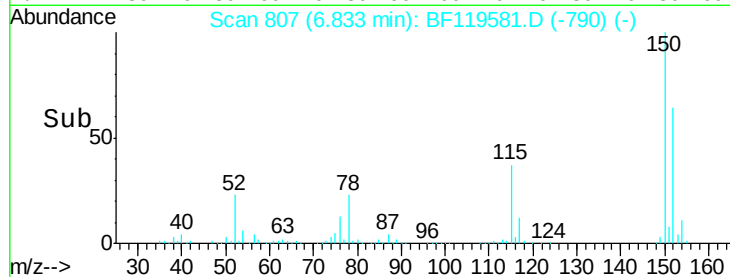
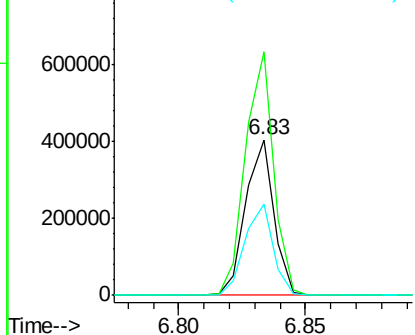
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119581.D
 Acq: 27 Mar 2020 21:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SA

Tgt Ion:152 Resp: 312945
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.5 186.7
 115 58.5 49.6 74.4



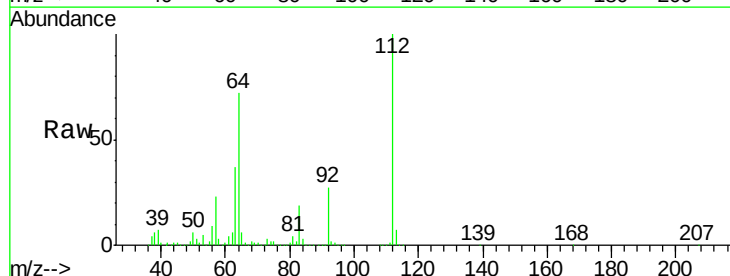
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



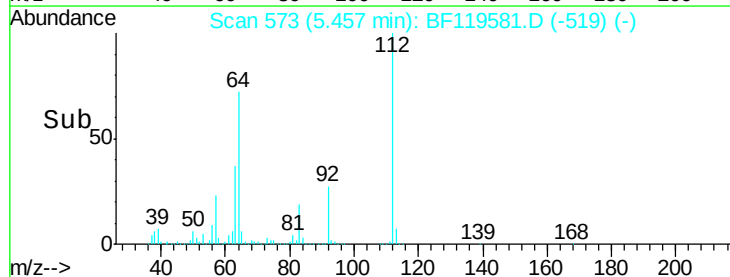
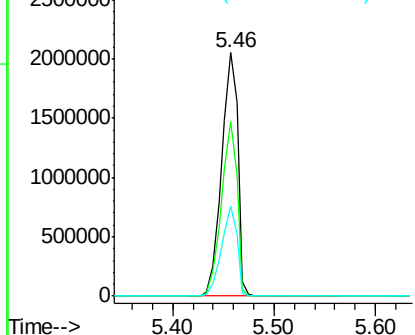
#5

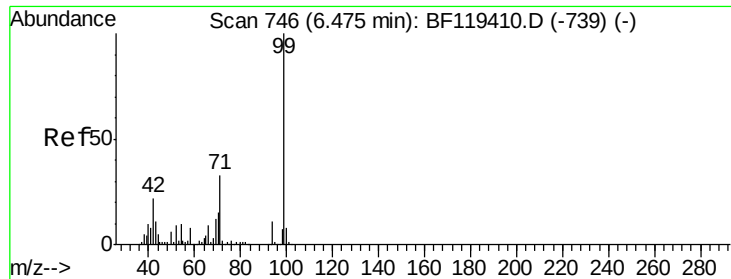
2-Fluorophenol
 Concen: 115.03 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF119581.D
 Acq: 27 Mar 2020 21:49

Tgt Ion:112 Resp: 2261289
 Ion Ratio Lower Upper
 112 100
 64 71.8 56.7 85.1
 63 36.8 29.5 44.3



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: 104.97 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

Instrument :

BNA_F

ClientSampleId :

TP-13-SA

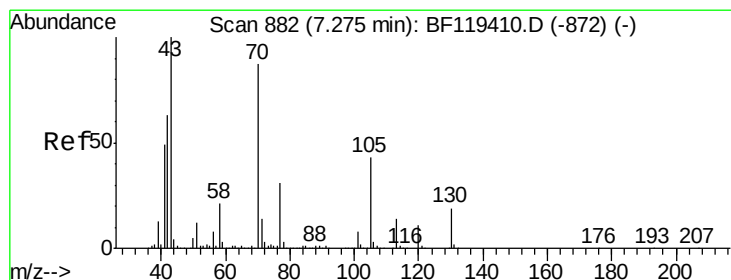
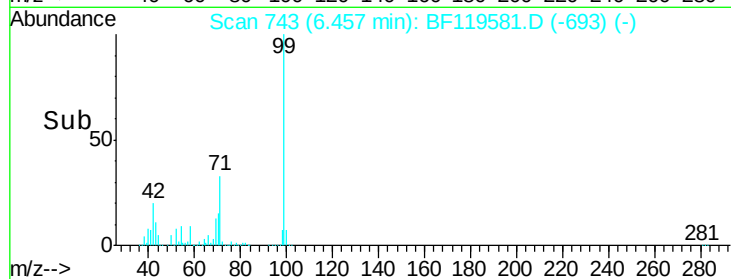
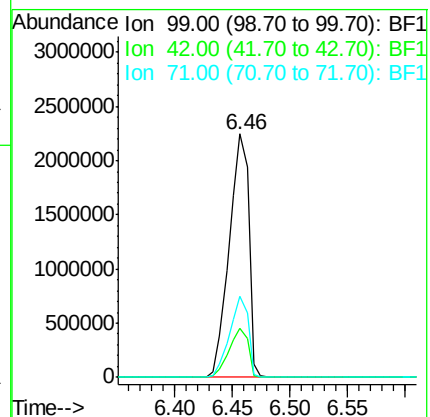
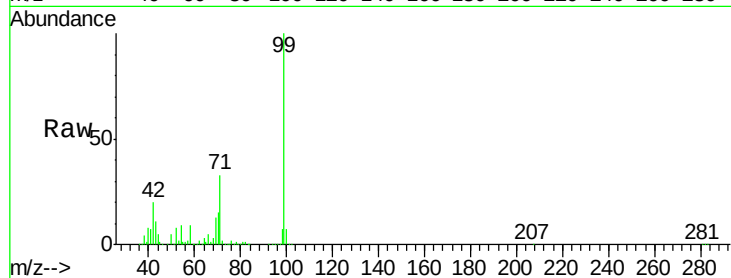
Tgt Ion: 99 Resp: 2636113

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.60 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

Tgt Ion: 70 Resp: 266397

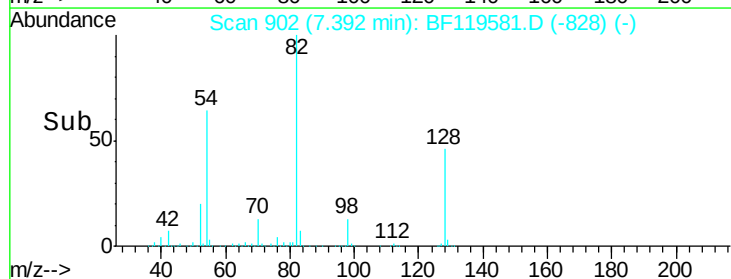
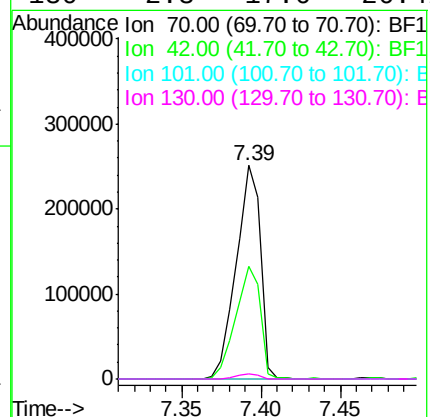
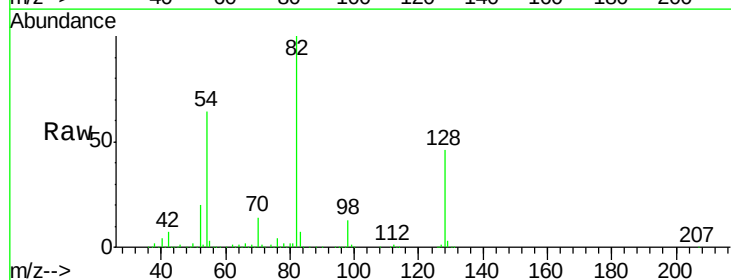
Ion Ratio Lower Upper

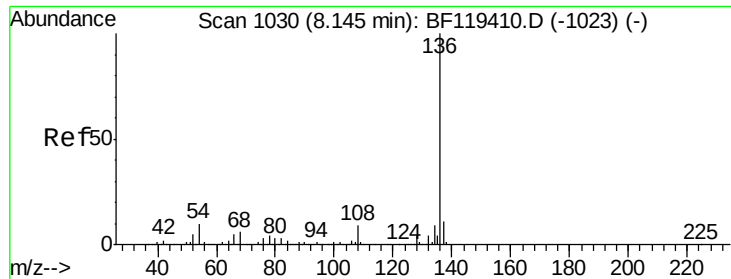
70 100

42 52.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#



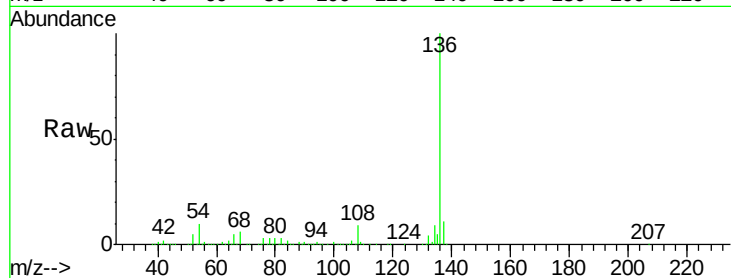


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119581.D
Acq: 27 Mar 2020 21:49

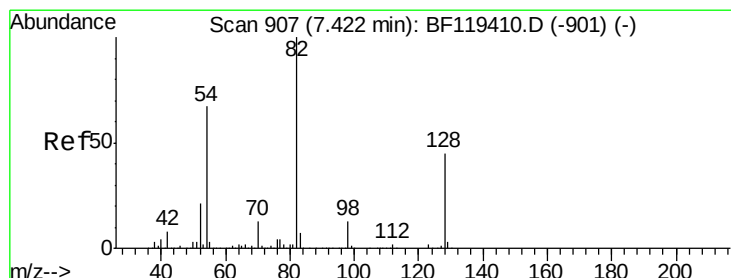
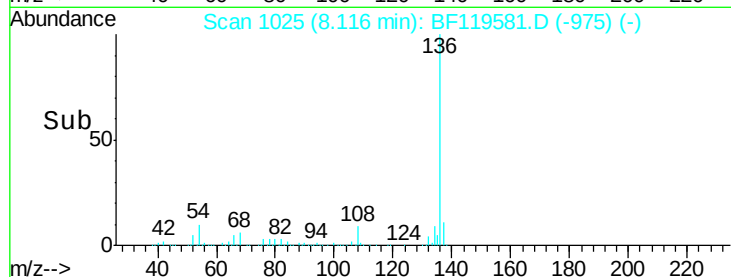
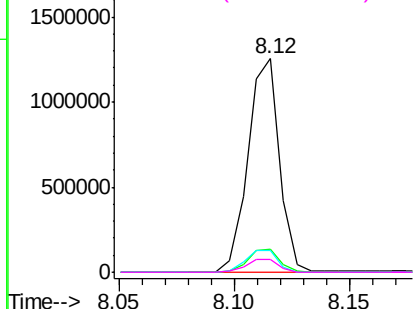
Instrument :
BNA_F
ClientSampleId :
TP-13-SA

Tgt Ion: 136 Resp: 1193014

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.1	9.1	13.7
68	5.8	4.6	6.8



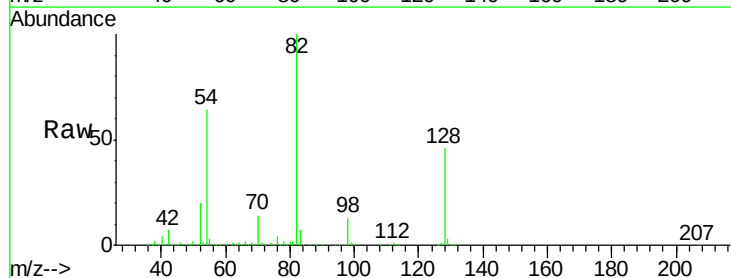
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



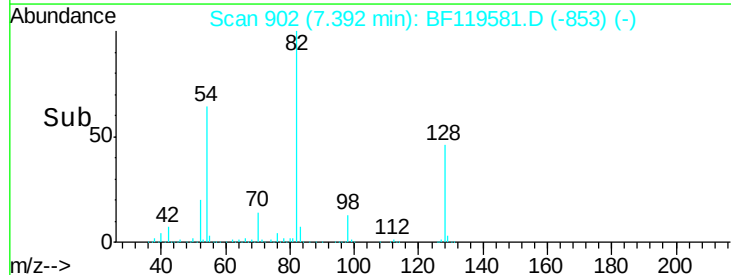
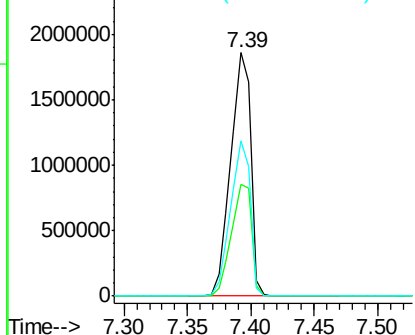
#23
Nitrobenzene-d5
Concen: 92.00 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119581.D
Acq: 27 Mar 2020 21:49

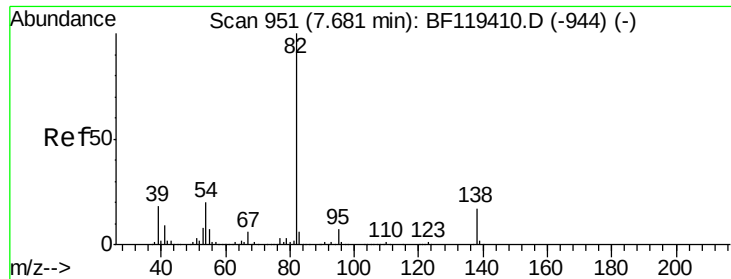
Tgt Ion: 82 Resp: 2019626

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	64.0	50.6	75.8



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





#25

Isophorone

Concen: 44.96 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

Instrument :

BNA_F

ClientSampleId :

TP-13-SA

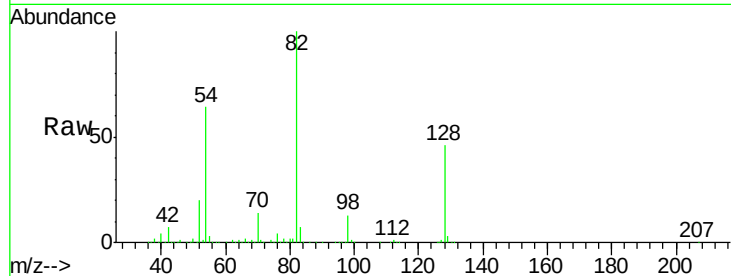
Tgt Ion: 82 Resp: 2002246

Ion Ratio Lower Upper

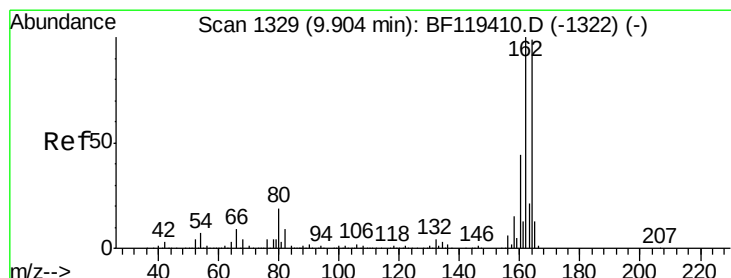
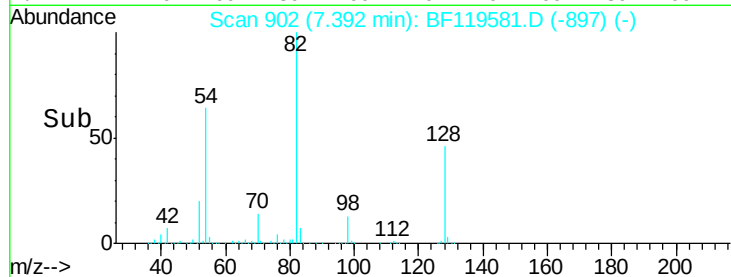
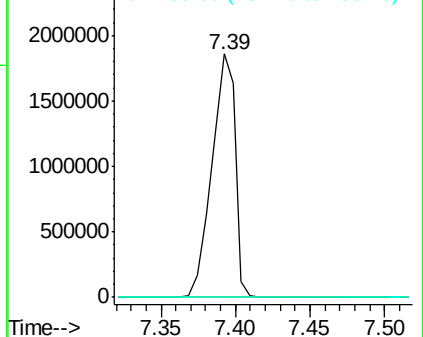
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

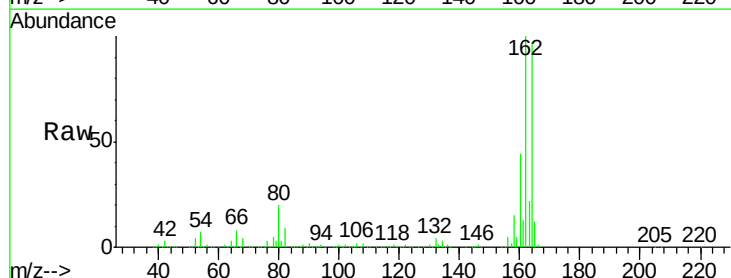
Tgt Ion: 164 Resp: 570824

Ion Ratio Lower Upper

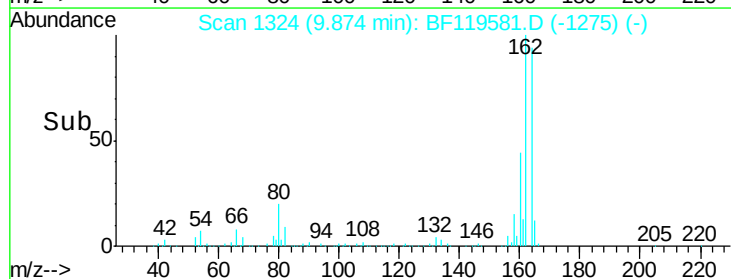
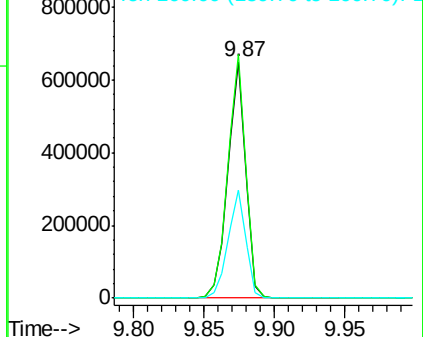
164 100

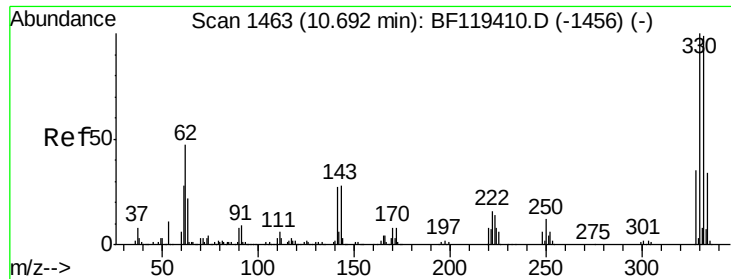
162 103.0 80.6 121.0

160 45.6 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 140.77 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

Instrument :

BNA_F

ClientSampled :

TP-13-SA

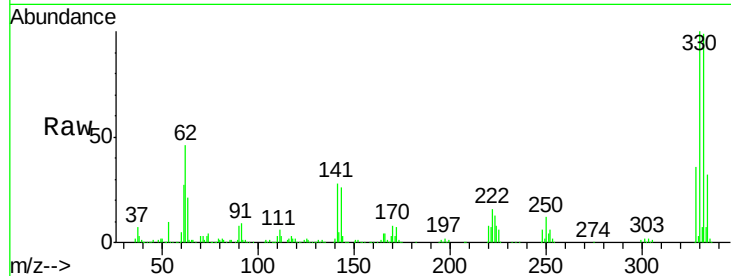
Tgt Ion:330 Resp: 828983

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

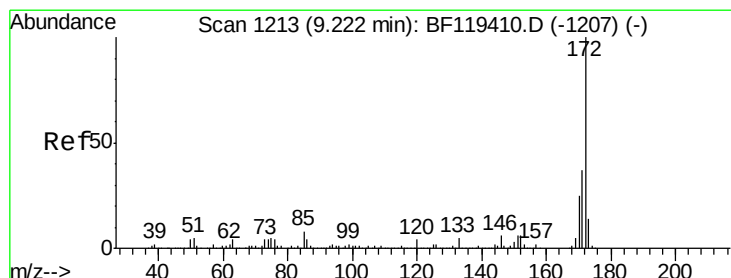
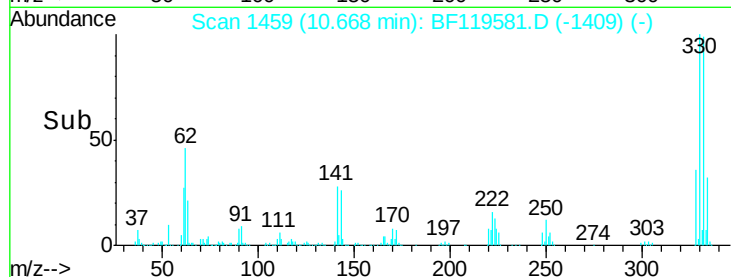
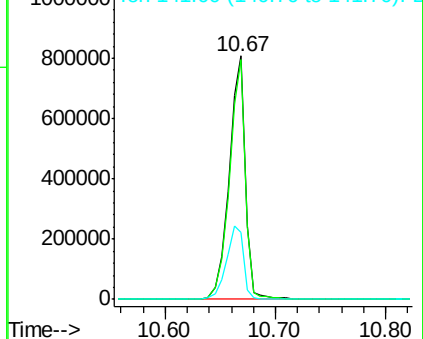
141 32.1 25.4 38.0



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: 83.41 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

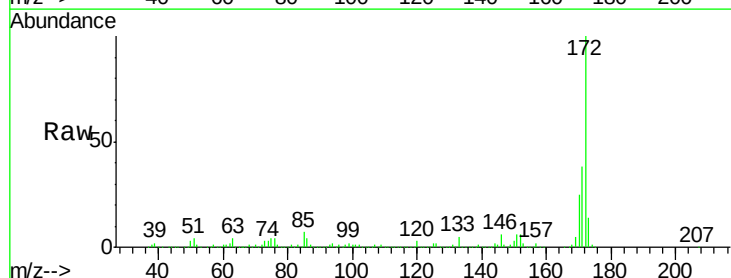
Tgt Ion:172 Resp: 3214018

Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

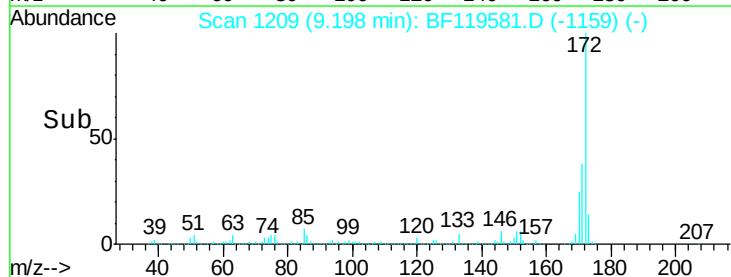
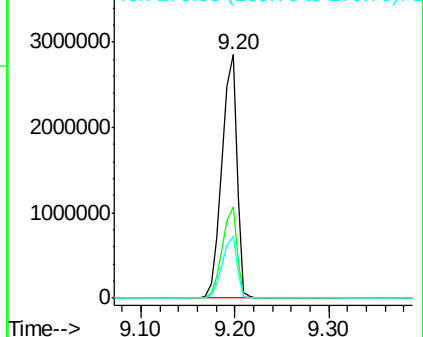
170 25.4 20.2 30.2

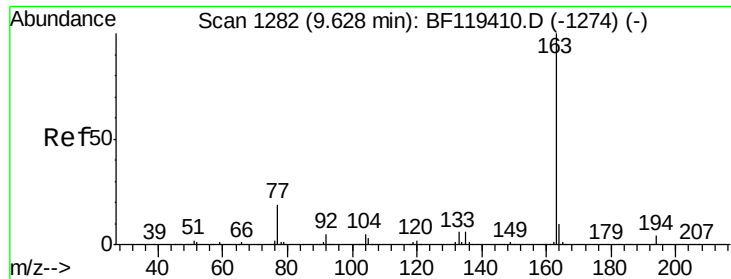


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

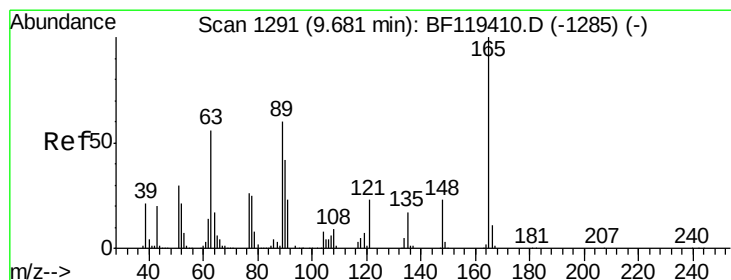
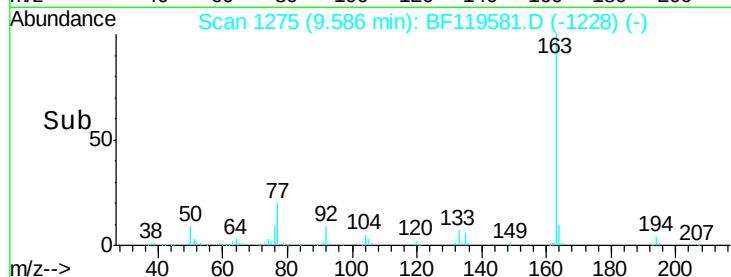
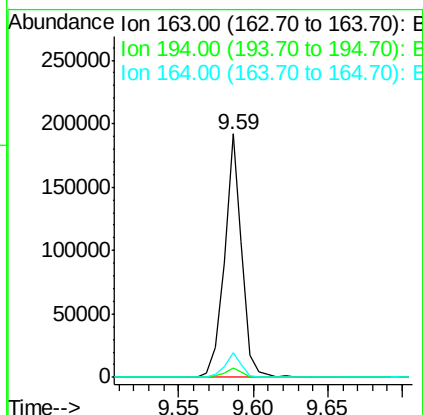
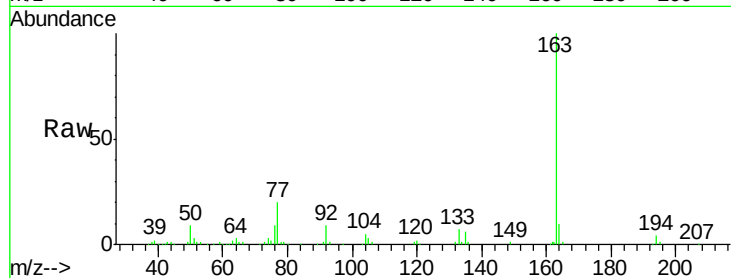




#50
Dimethylphthalate
Concen: 3.86 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119581.D
Acq: 27 Mar 2020 21:49

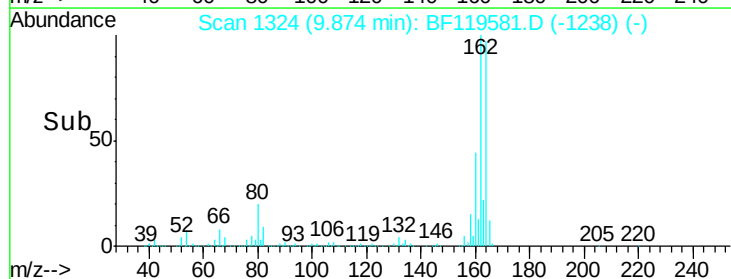
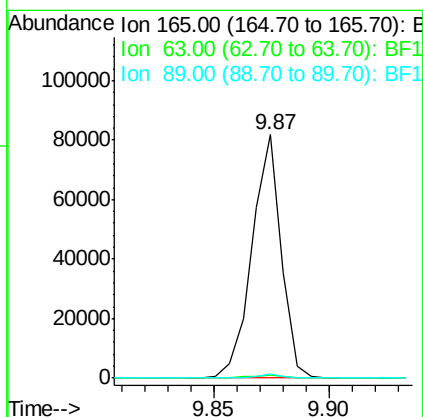
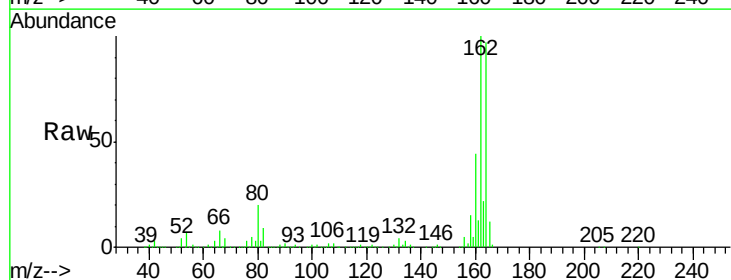
Instrument :
BNA_F
ClientSampled :
TP-13-SA

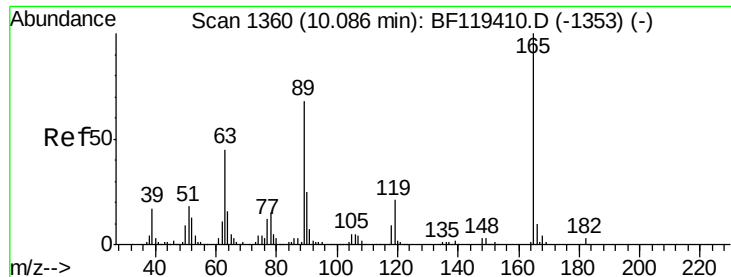
Tgt Ion:163 Resp: 156512
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119581.D
Acq: 27 Mar 2020 21:49

Tgt Ion:165 Resp: 72417
Ion Ratio Lower Upper
165 100
63 1.1 45.0 67.4#
89 1.5 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 6.61 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

Instrument :

BNA_F

ClientSampleId :

TP-13-SA

Tgt Ion:165 Resp: 72417

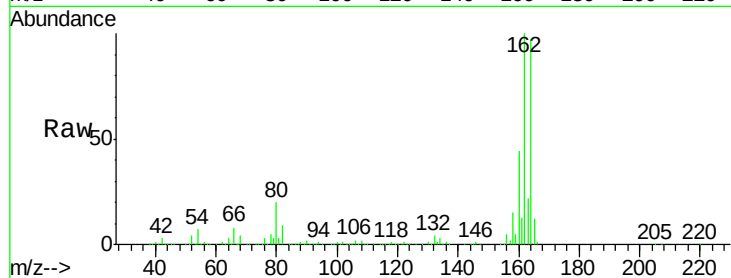
Ion Ratio Lower Upper

165 100

63 1.1 42.6 64.0#

89 1.5 61.0 91.4#

182 0.0 2.2 3.2#

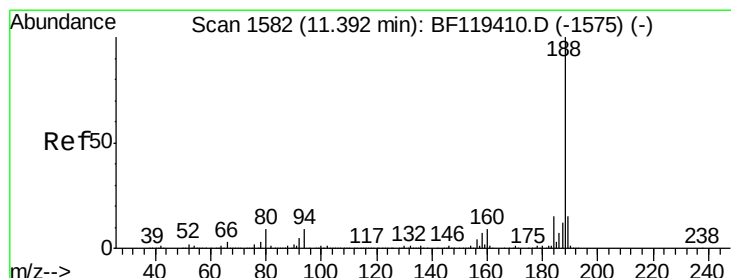
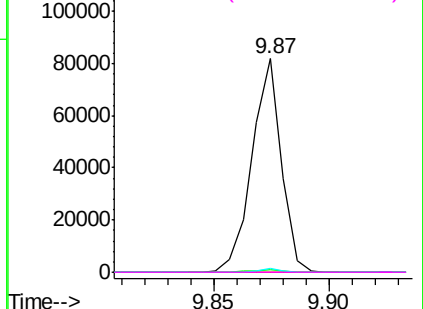
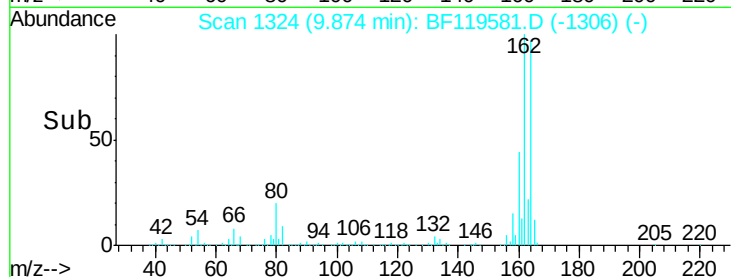


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

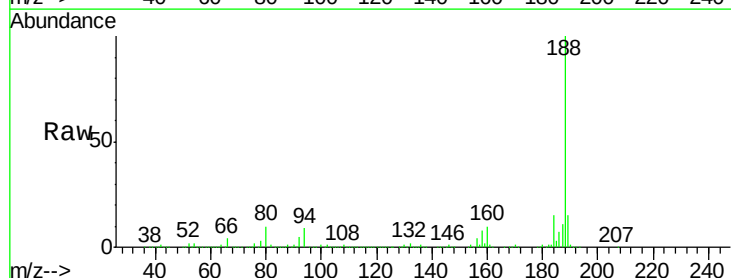
Tgt Ion:188 Resp: 1030137

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

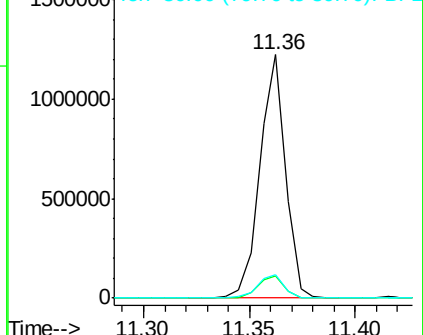
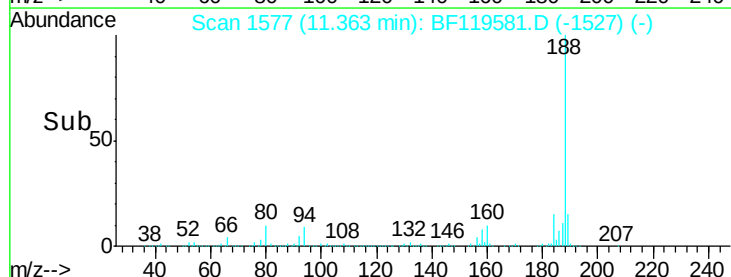
80 9.6 9.0 13.4

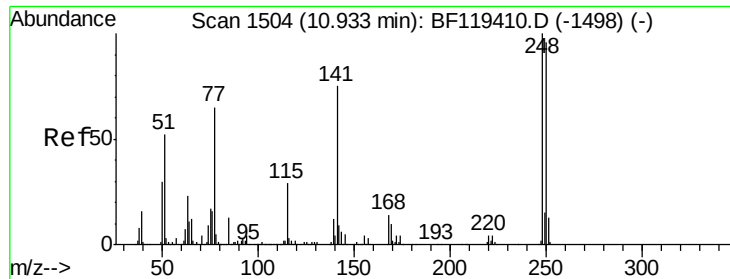


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

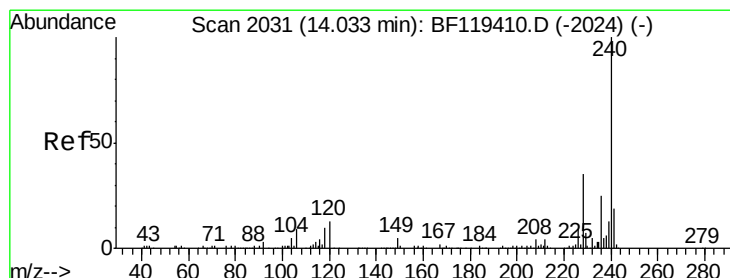
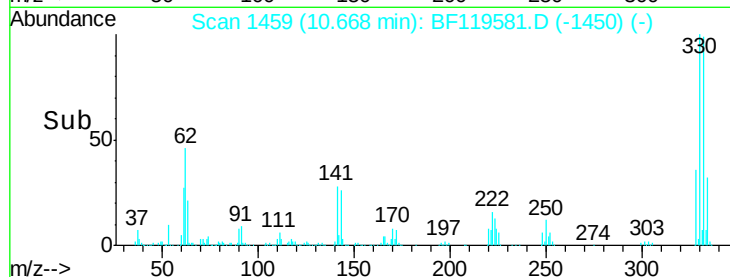
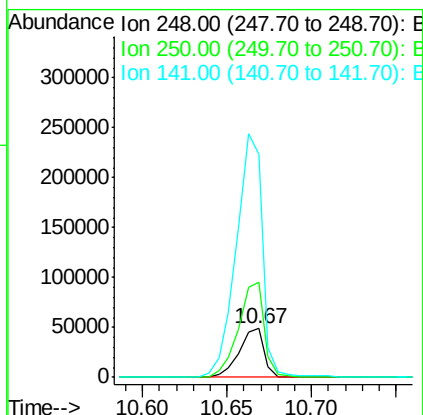
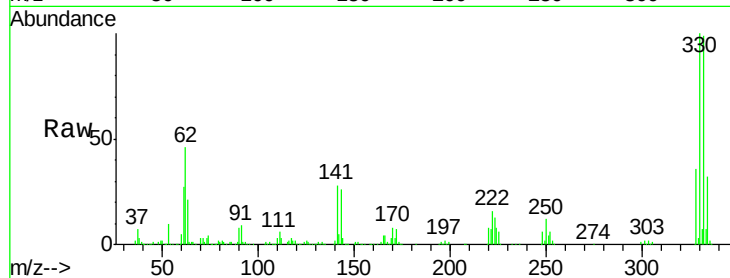




#67
 4-Bromophenyl-phenylether
 Concen: 4.37 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119581.D
 Acq: 27 Mar 2020 21:49

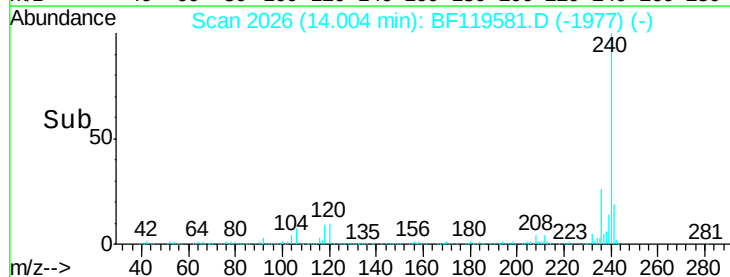
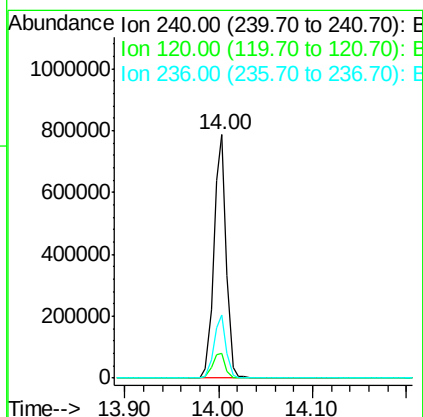
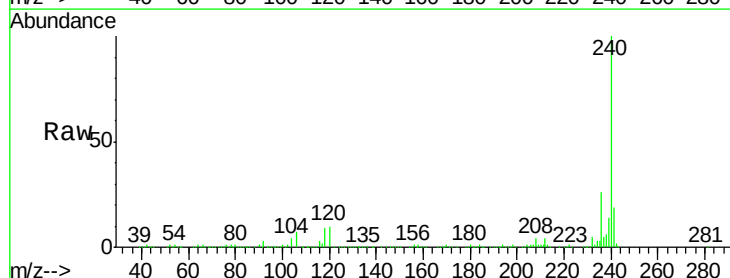
Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SA

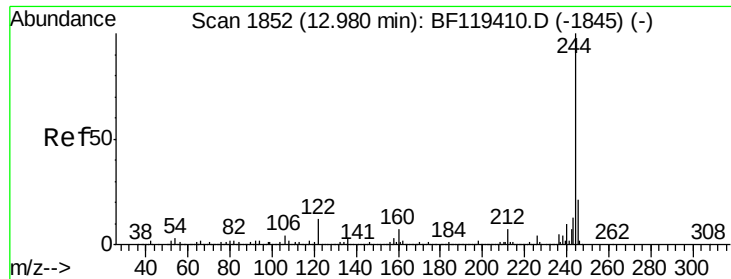
Tgt Ion:248 Resp: 51234
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.3 115.9#
 141 457.4 58.6 87.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119581.D
 Acq: 27 Mar 2020 21:49

Tgt Ion:240 Resp: 731212
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.6 15.8#
 236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 106.80 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

Instrument :

BNA_F

ClientSampleId :

TP-13-SA

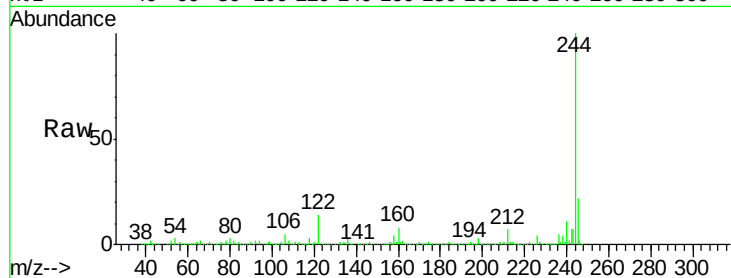
Tgt Ion:244 Resp: 3985987

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

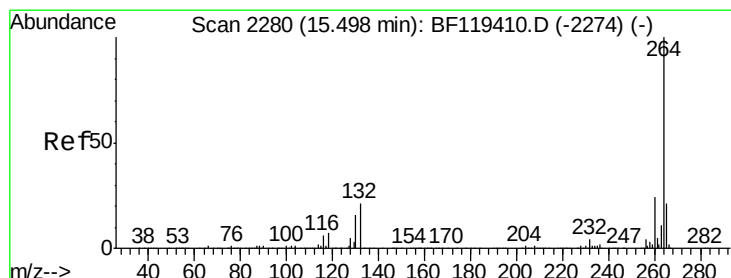
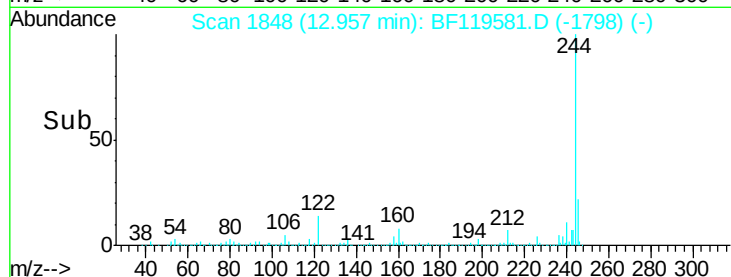
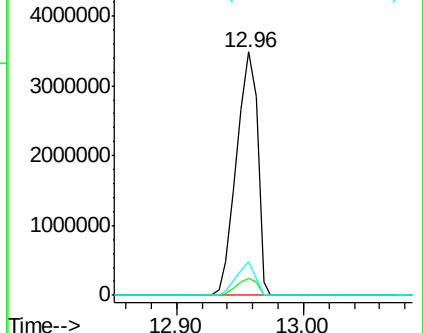
122 13.7 10.3 15.5



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: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119581.D

Acq: 27 Mar 2020 21:49

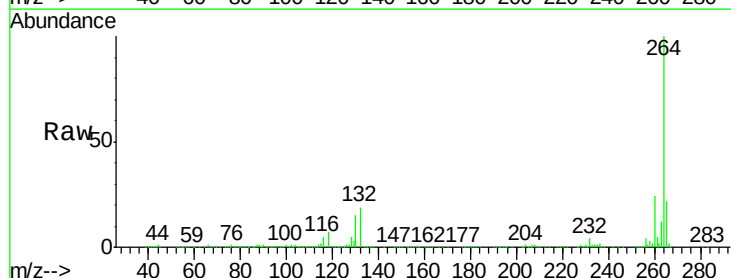
Tgt Ion:264 Resp: 690728

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

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

