

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119449.D
 Acq On : 19 Mar 2020 20:26
 Operator : CG/JU
 Sample : L1954-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11A

Quant Time: Mar 20 03:49:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333134	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1274328	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	663662	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1162135	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	656145	20.00	ng	-0.01
87) Perylene-d12	15.49	264	683696	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2053868	98.15	ng	0.00
7) Phenol-d6	6.47	99	2627232	98.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	1592063	67.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	663322	96.88	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2858439	63.81	ng	0.00
79) Terphenyl-d14	12.97	244	2681582	80.07	ng	0.00

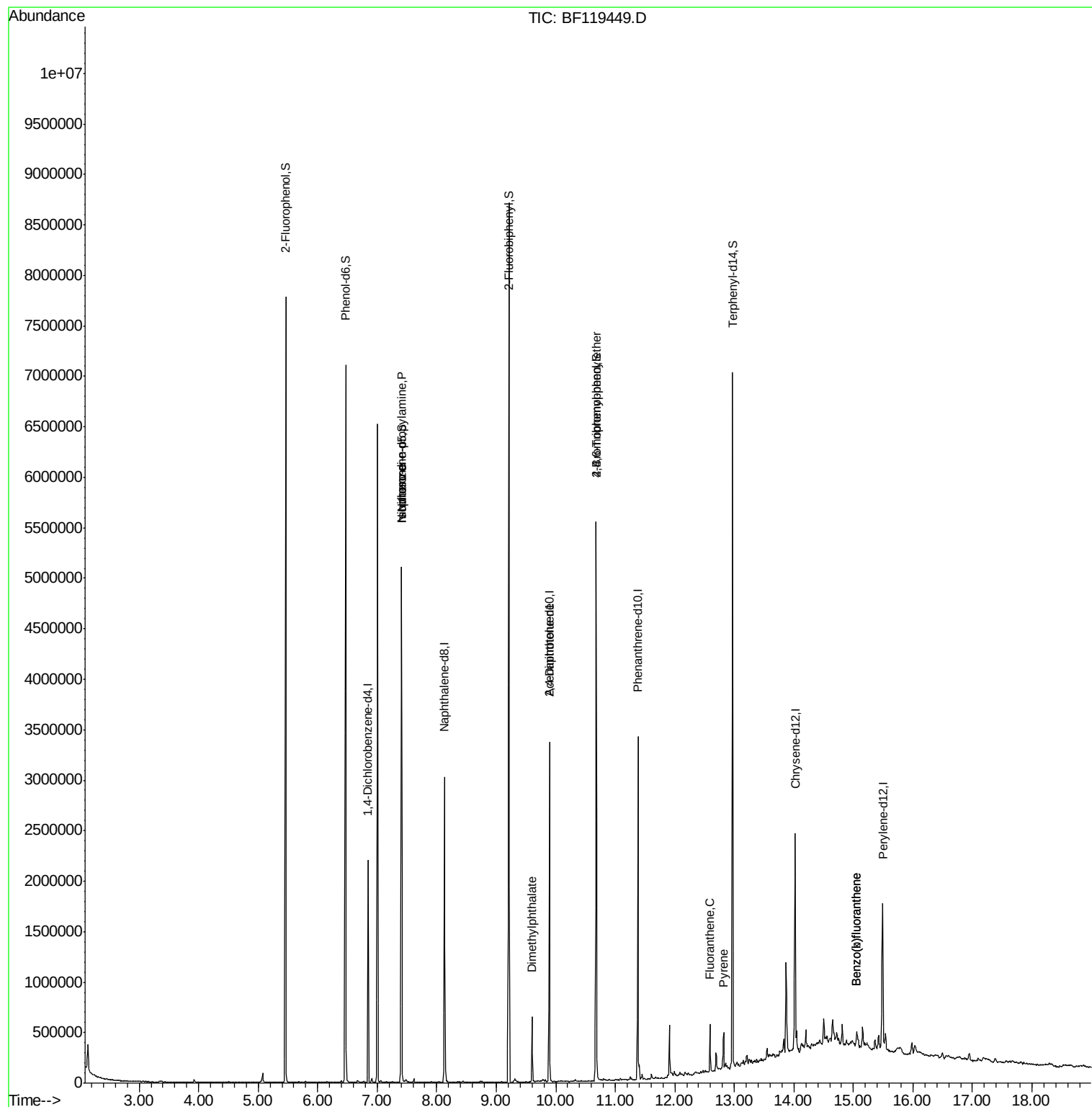
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	209533	13.00	ng	# 74
25) Isophorone	7.41	82	1588719	33.40	ng	# 66
50) Dimethylphthalate	9.60	163	231737	4.92	ng	100
57) 2,4-Dinitrotoluene	9.89	165	84031	6.60	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	40828	3.08	ng	# 1
75) Fluoranthene	12.59	202	170543	2.62	ng	95
78) Pyrene	12.82	202	152993	2.84	ng	97
88) Benzo(b)fluoranthene	15.06	252	123968	2.71	ng	# 91
89) Benzo(k)fluoranthene	15.06	252	123968	2.85	ng	# 92

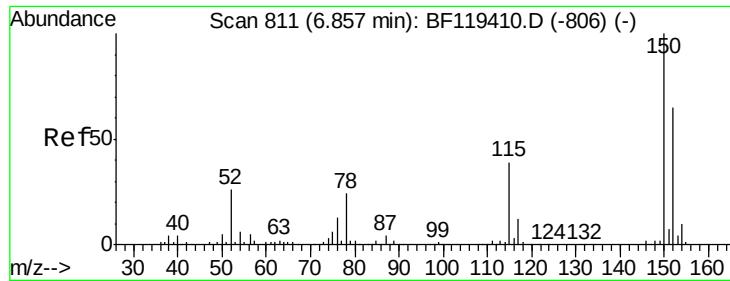
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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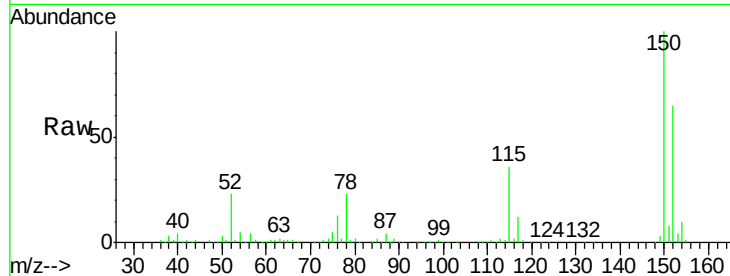


#1

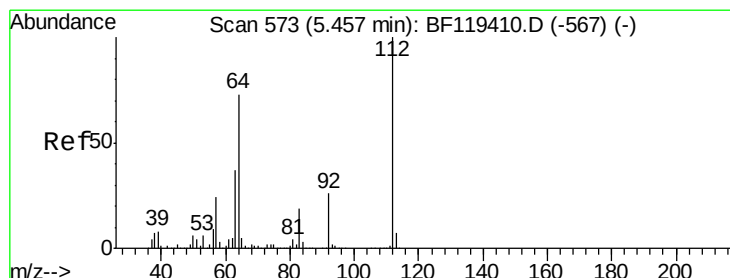
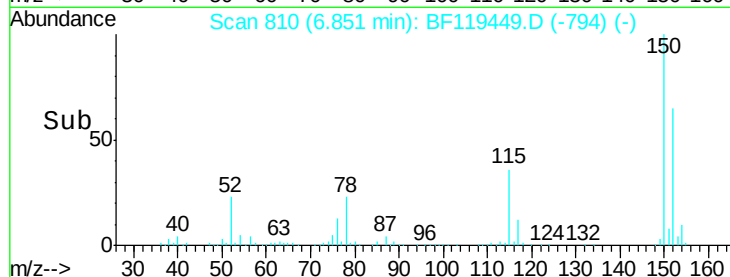
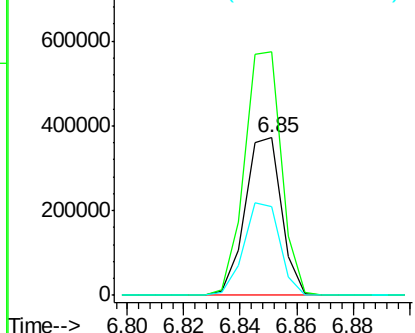
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-11A

Tgt Ion:152 Resp: 333134
Ion Ratio Lower Upper
152 100
150 154.5 123.9 185.9
115 56.2 47.8 71.6



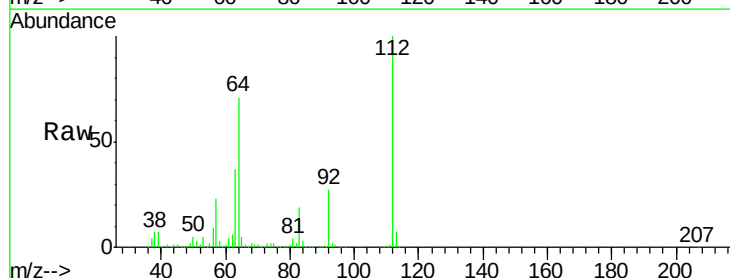
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



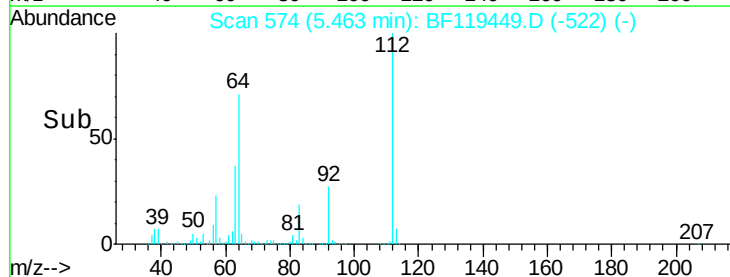
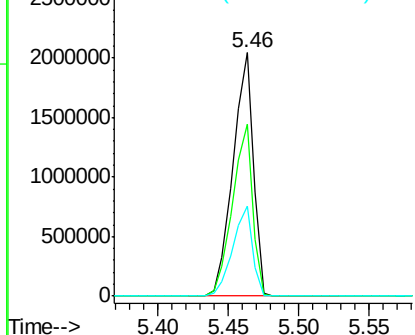
#5

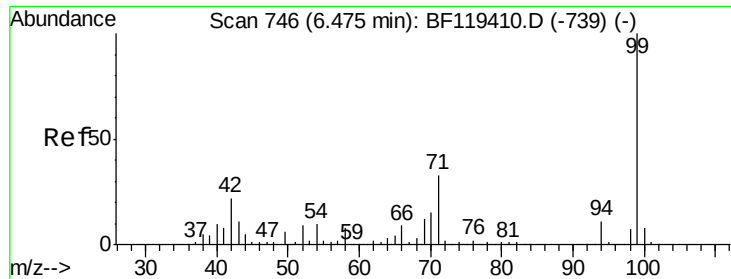
2-Fluorophenol
Concen: 98.15 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Tgt Ion:112 Resp: 2053868
Ion Ratio Lower Upper
112 100
64 70.6 58.1 87.1
63 36.8 29.7 44.5



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: 98.28 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

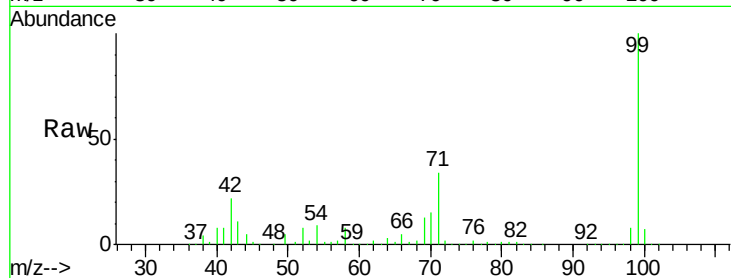
Tgt Ion: 99 Resp: 2627232

Ion Ratio Lower Upper

99 100

42 21.6 17.8 26.6

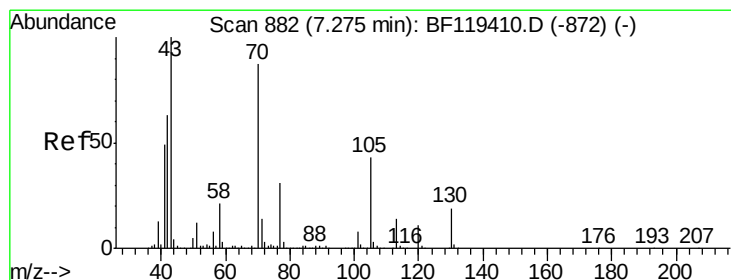
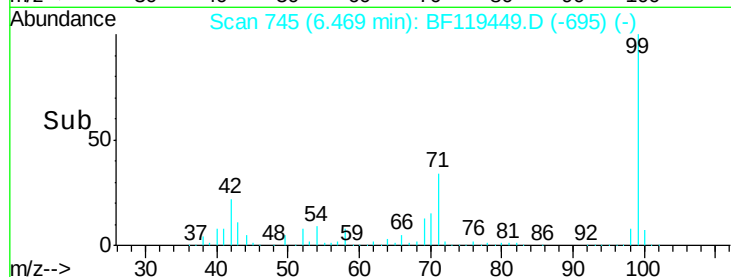
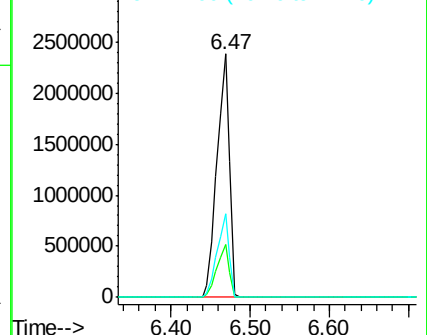
71 34.2 26.0 39.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.00 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Tgt Ion: 70 Resp: 209533

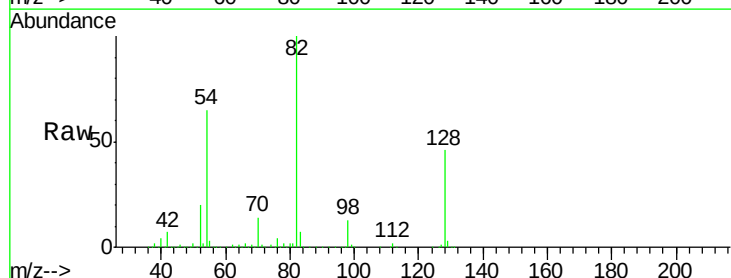
Ion Ratio Lower Upper

70 100

42 54.6 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

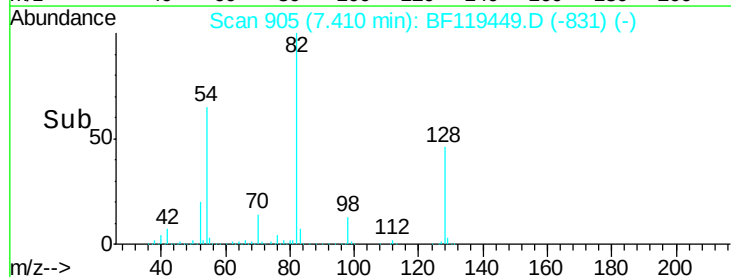
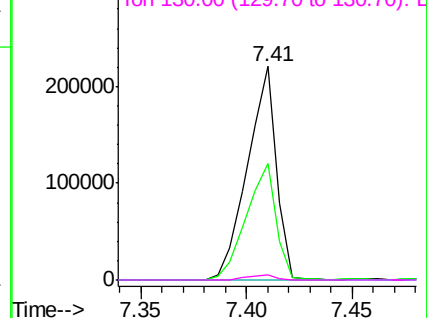


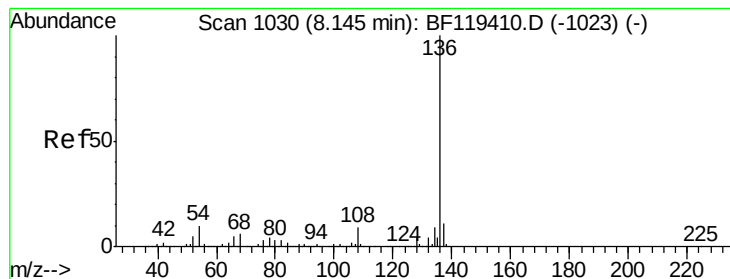
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

Tgt Ion:136 Resp: 1274328

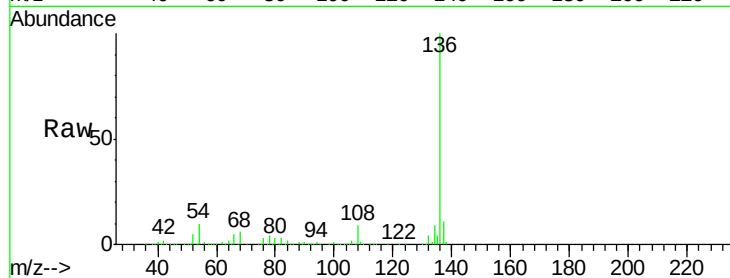
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.4 8.3 12.5

68 5.9 4.9 7.3

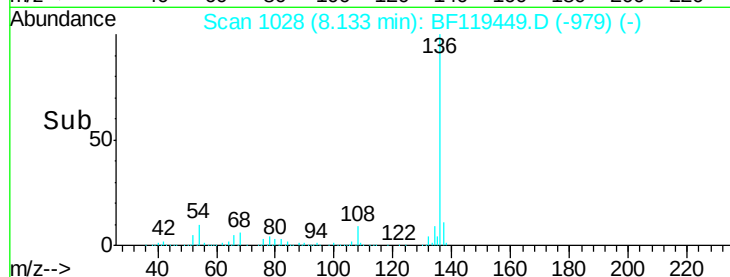


Abundance Ion 136.00 (135.70 to 136.70): E

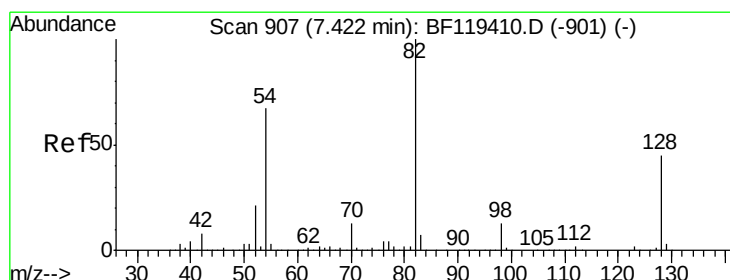
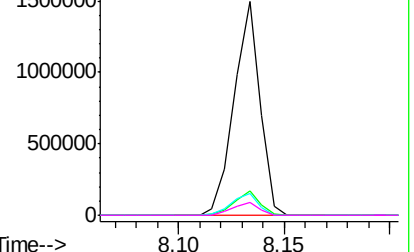
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 67.90 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

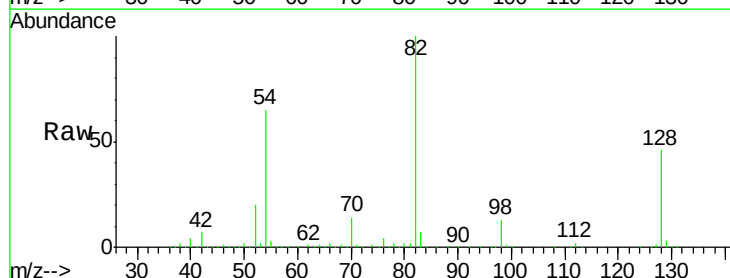
Tgt Ion: 82 Resp: 1592063

Ion Ratio Lower Upper

82 100

128 46.4 35.8 53.8

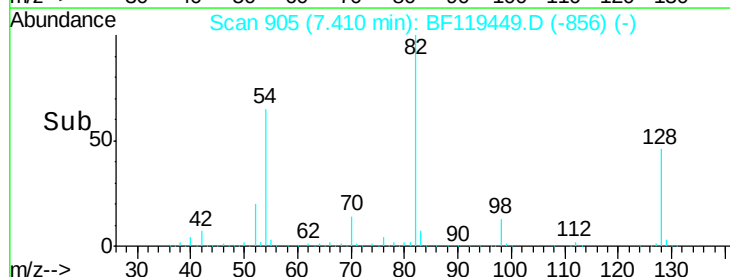
54 64.9 53.4 80.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

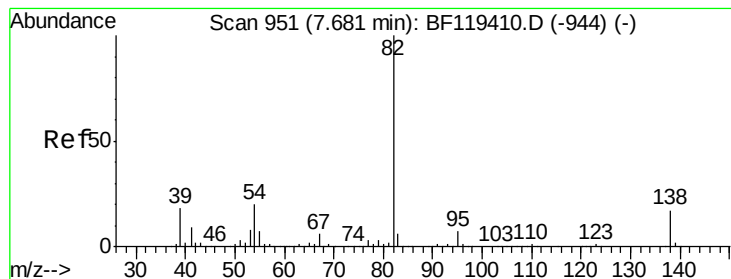
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 33.40 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

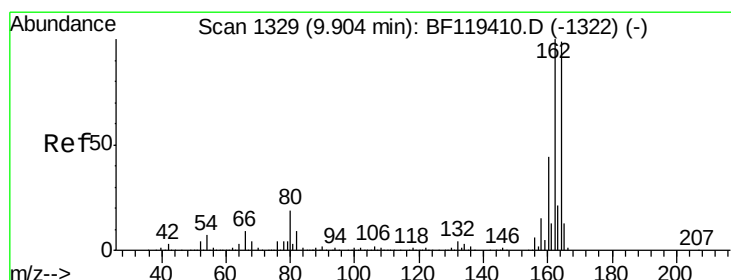
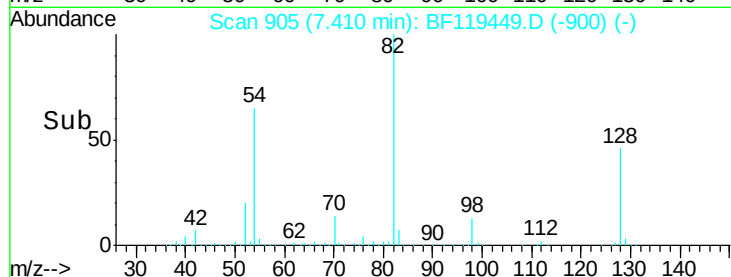
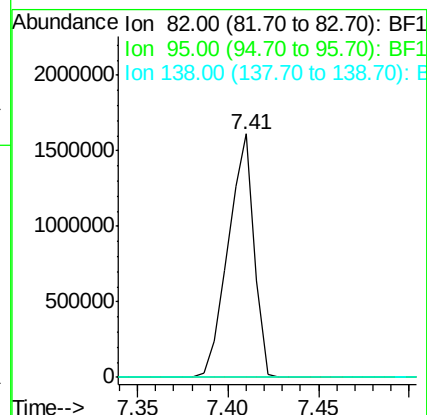
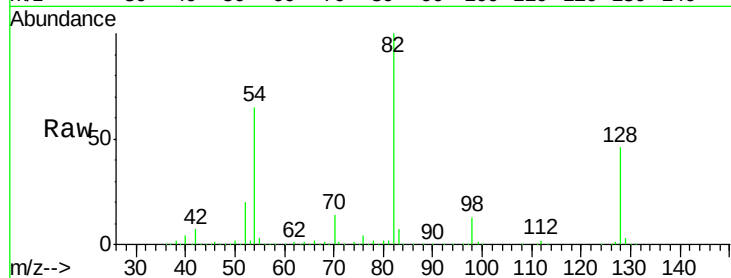
Tgt Ion: 82 Resp: 1588719

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

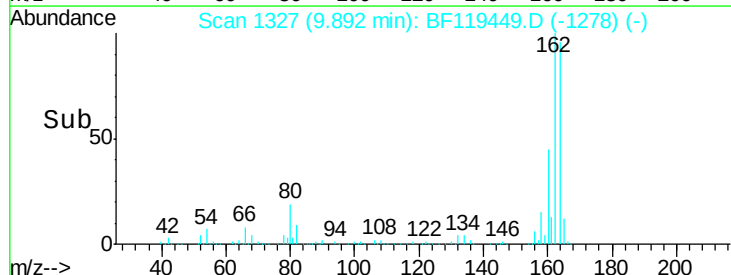
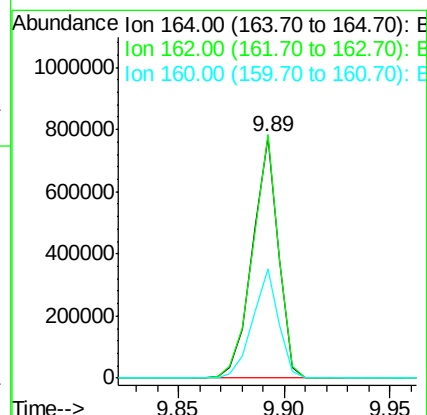
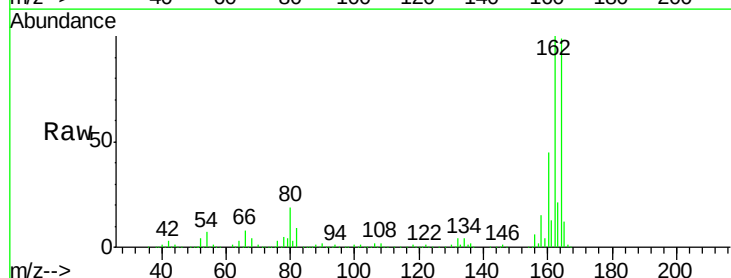
Tgt Ion: 164 Resp: 663662

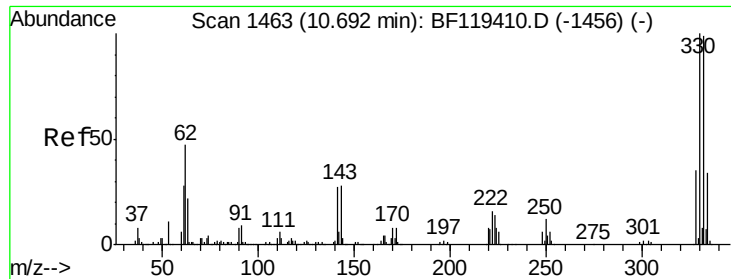
Ion Ratio Lower Upper

164 100

162 100.8 80.7 121.1

160 45.0 35.5 53.3

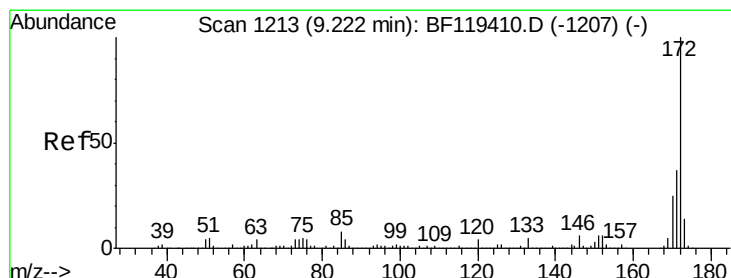
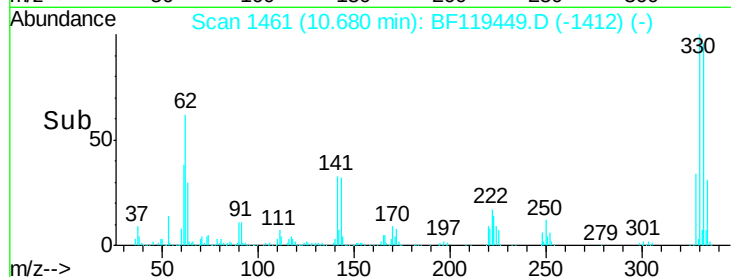
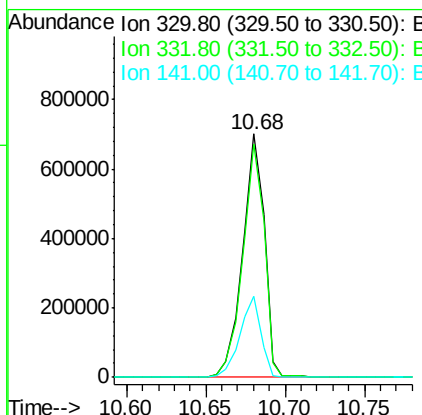
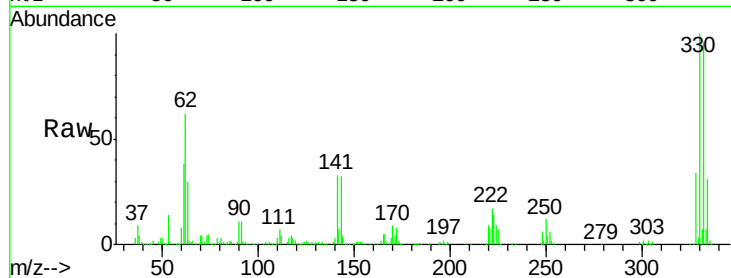




#42
 2,4,6-Tribromophenol
 Concen: 96.88 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119449.D
 Acq: 19 Mar 2020 20:26

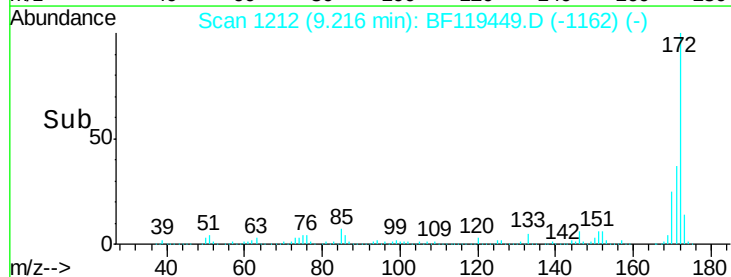
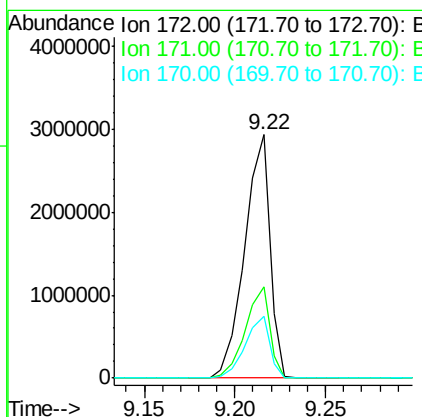
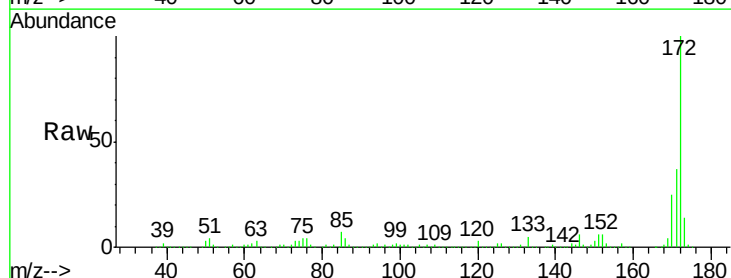
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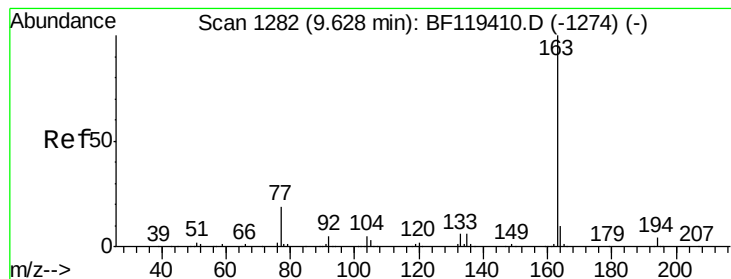
Tgt Ion:330 Resp: 663322
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 32.6 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 63.81 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119449.D
 Acq: 19 Mar 2020 20:26

Tgt Ion:172 Resp: 2858439
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 25.2 20.1 30.1





#50

Dimethylphthalate

Concen: 4.92 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

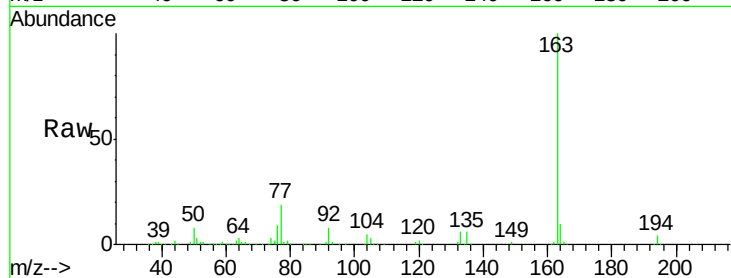
Tgt Ion:163 Resp: 231737

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

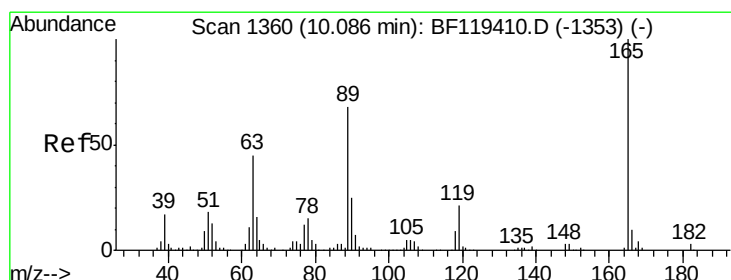
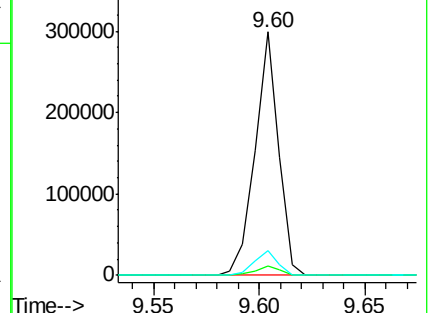
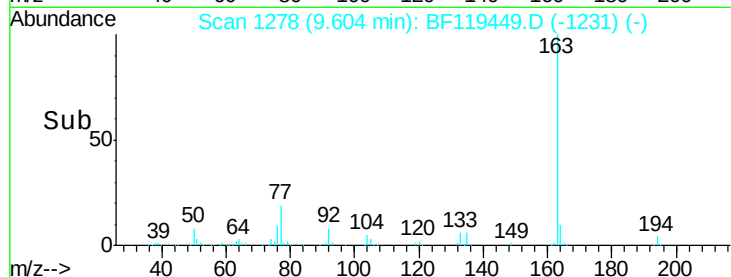
164 9.9 8.1 12.1



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: 6.60 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Tgt Ion:165 Resp: 84031

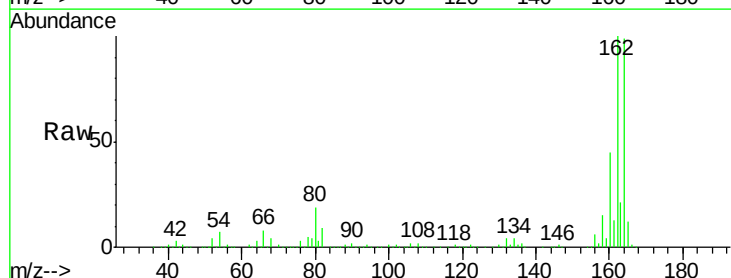
Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

89 1.3 54.3 81.5#

182 0.0 2.0 3.0#

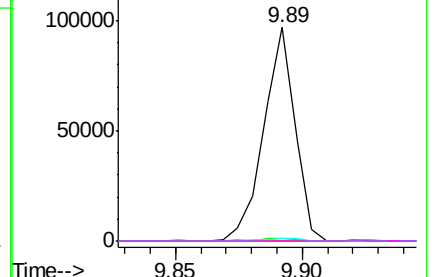
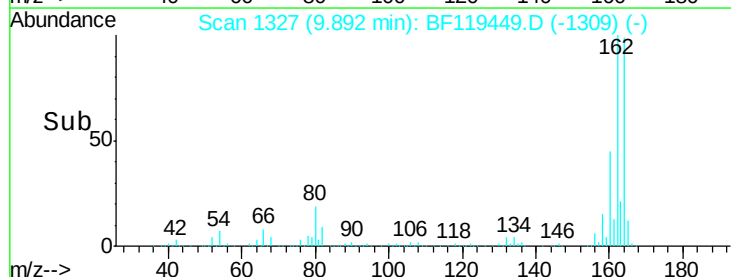


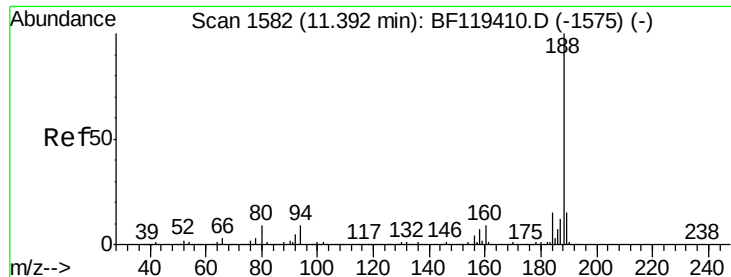
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

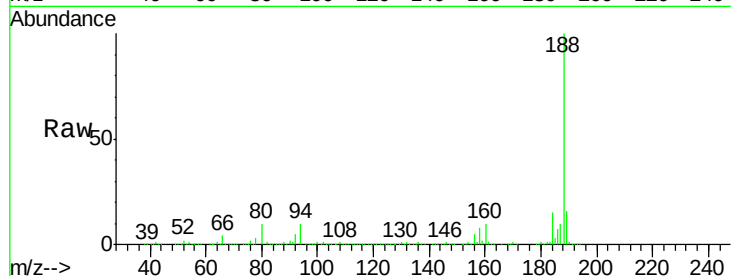
Tgt Ion:188 Resp: 1162135

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

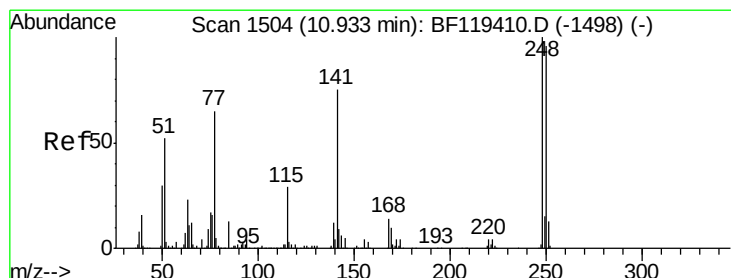
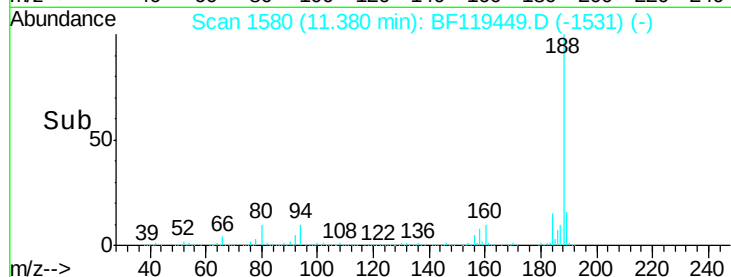
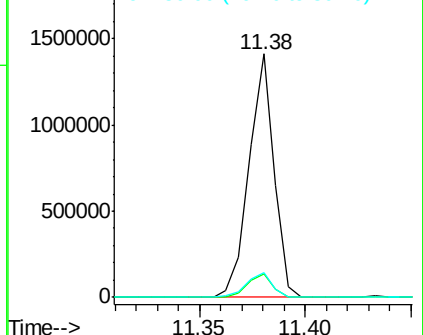
80 10.0 7.5 11.3



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: 3.08 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

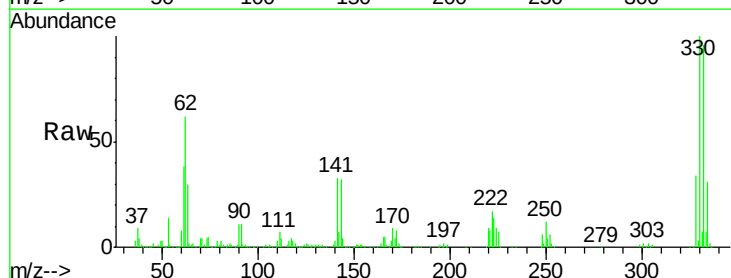
Tgt Ion:248 Resp: 40828

Ion Ratio Lower Upper

248 100

250 199.2 77.0 115.6#

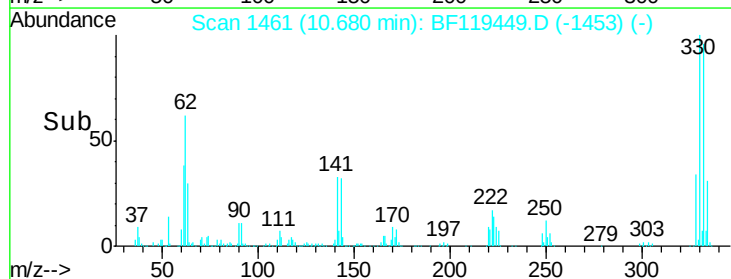
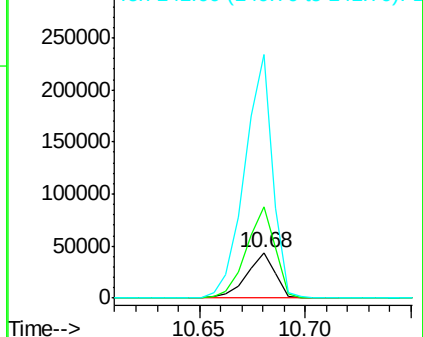
141 533.0 59.7 89.5#

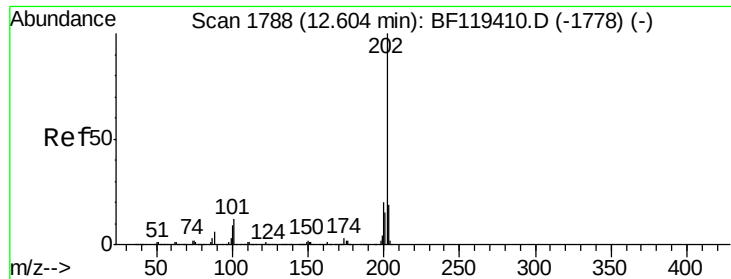


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.62 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

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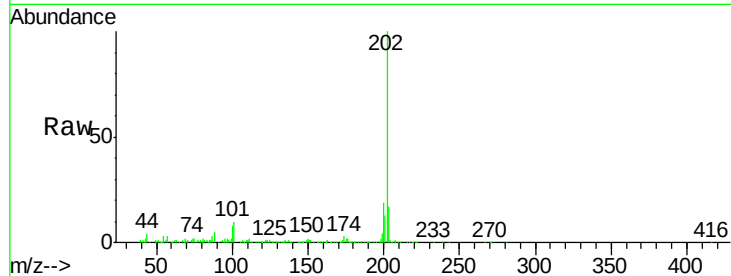
Tgt Ion: 202 Resp: 170543

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.4

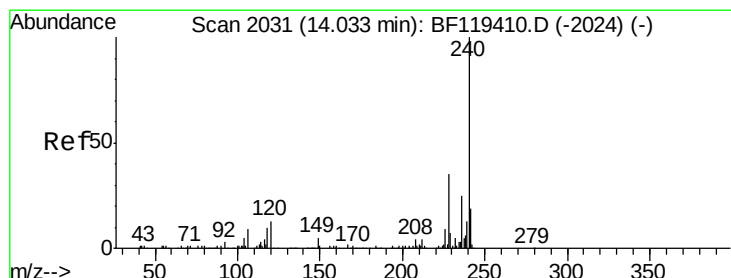
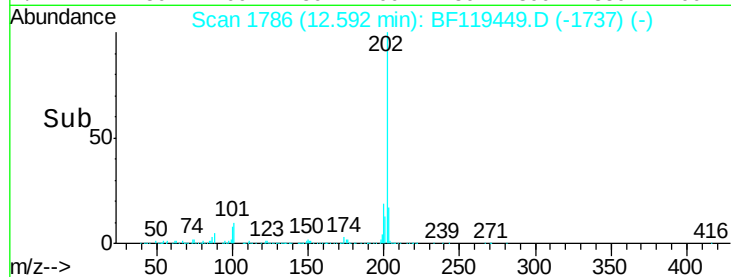
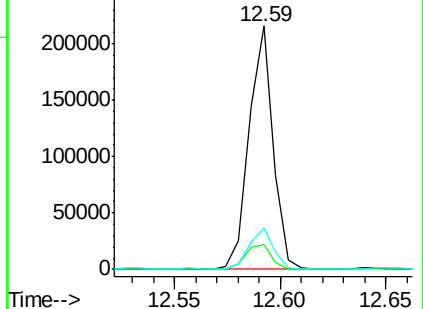
203 16.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

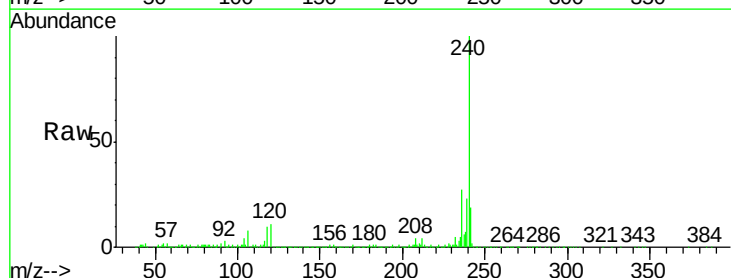
Tgt Ion: 240 Resp: 656145

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

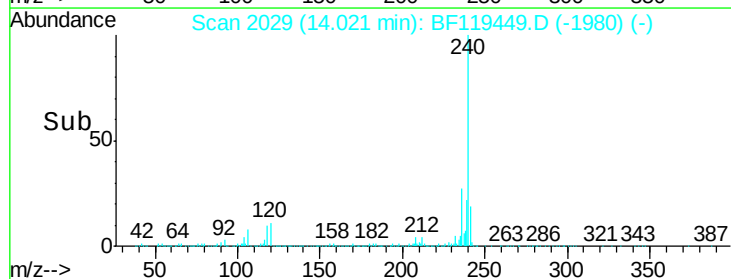
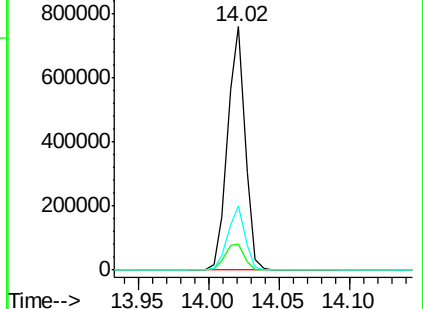
236 26.7 20.4 30.6

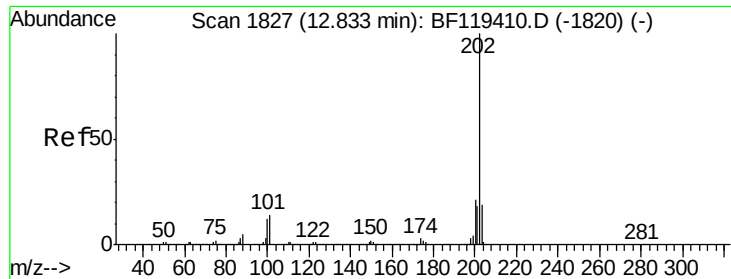


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

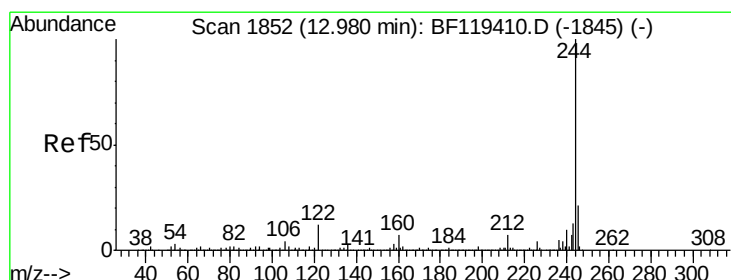
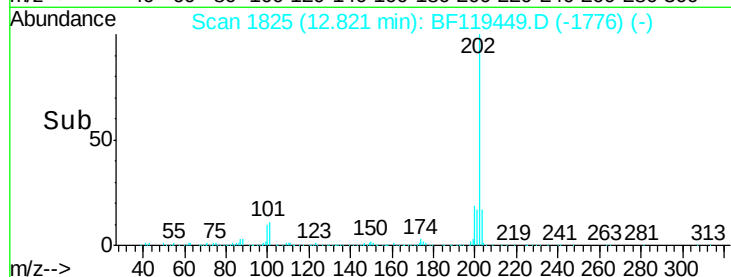
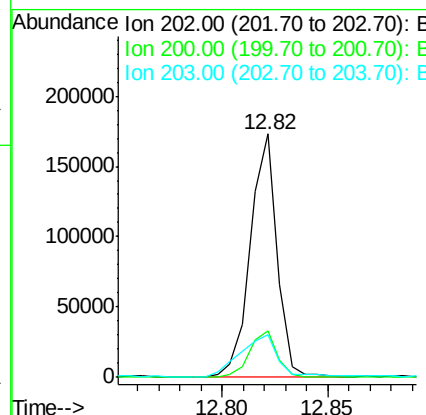
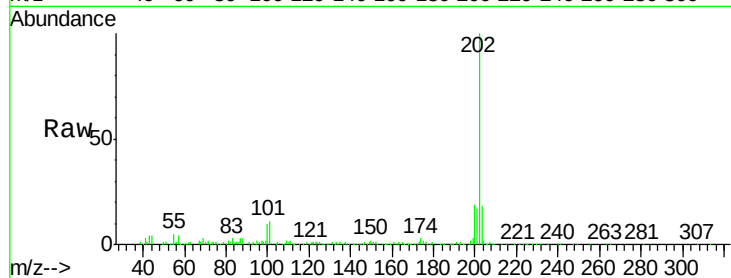




#78
 Pyrene
 Concen: 2.84 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119449.D
 Acq: 19 Mar 2020 20:26

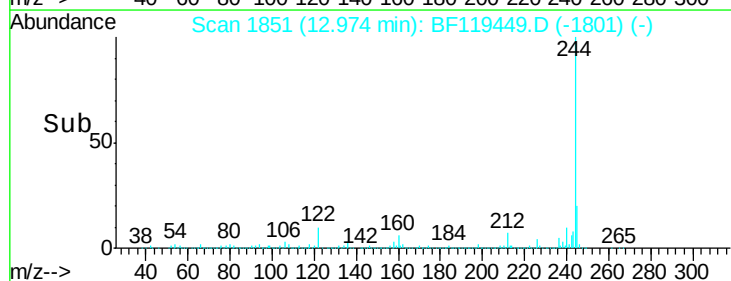
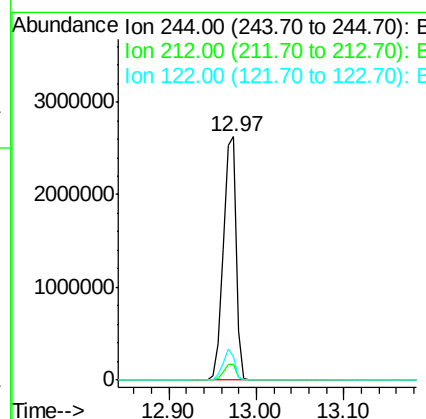
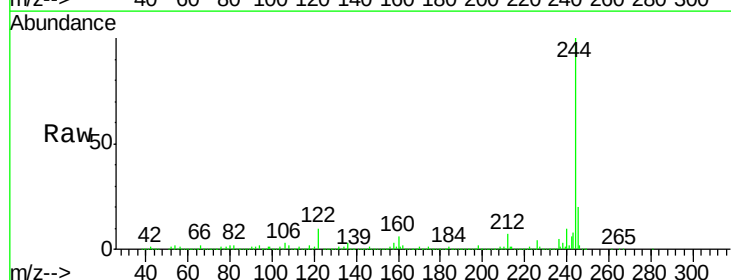
Instrument :
 BNA_F
 ClientSampleId :
 TP-11A

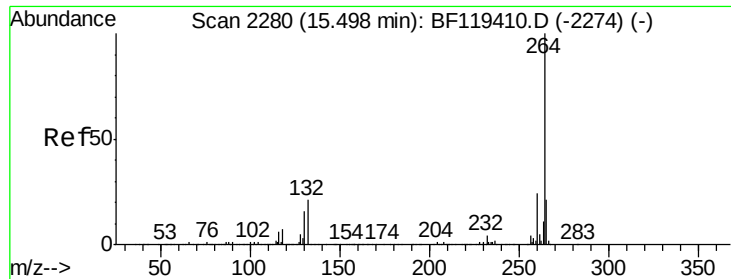
Tgt Ion: 202 Resp: 152993
 Ion Ratio Lower Upper
 202 100
 200 19.0 16.8 25.2
 203 17.6 14.8 22.2



#79
 Terphenyl-d14
 Concen: 80.07 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119449.D
 Acq: 19 Mar 2020 20:26

Tgt Ion: 244 Resp: 2681582
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.8 9.8 14.8#

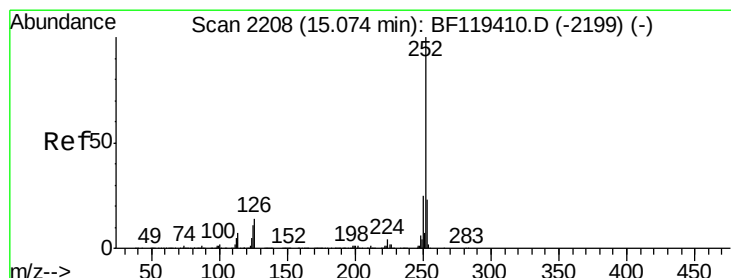
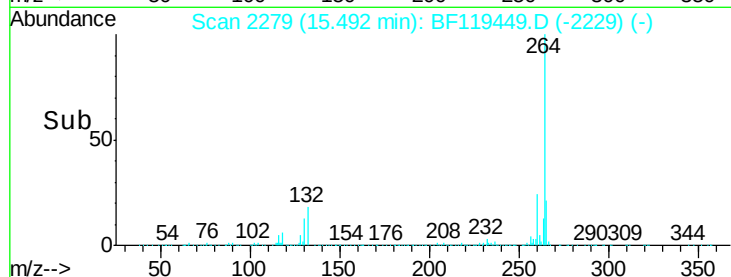
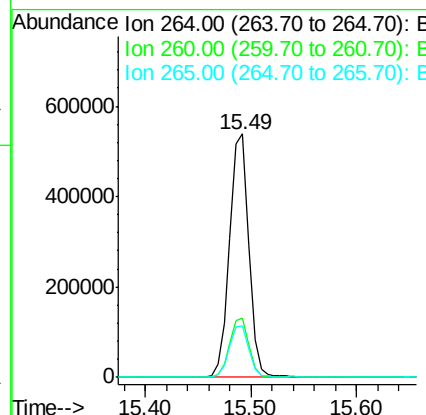
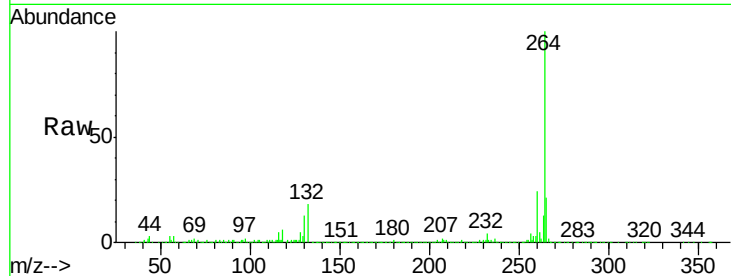




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

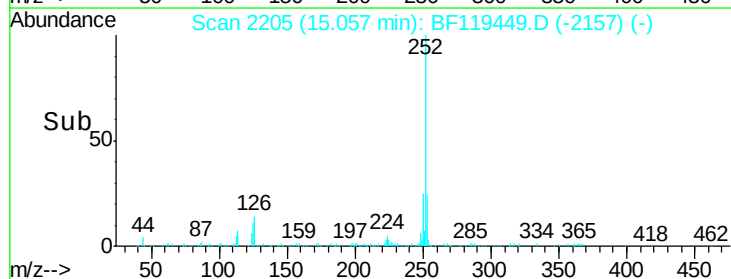
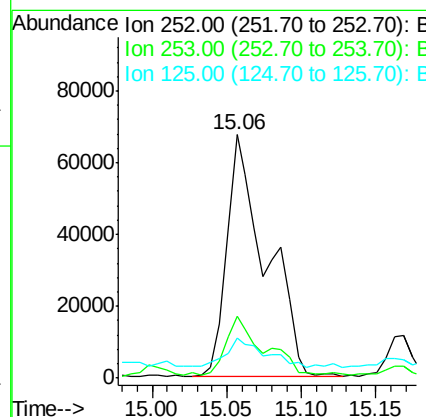
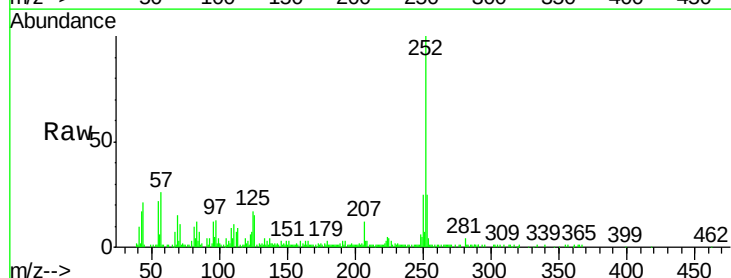
Instrument :
BNA_F
ClientSampleId :
TP-11A

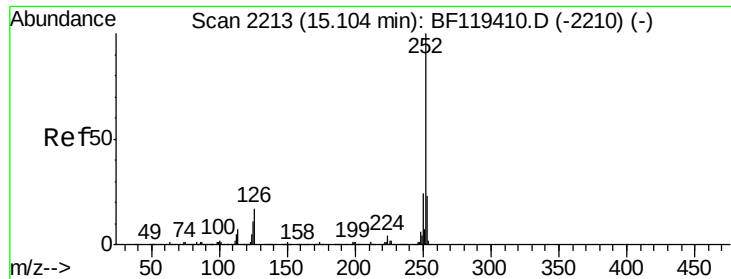
Tgt Ion:264 Resp: 683696
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.3 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 2.71 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Tgt Ion:252 Resp: 123968
Ion Ratio Lower Upper
252 100
253 25.4 18.2 27.4
125 16.6 8.8 13.2#





#89

Benzo(k)fluoranthene

Concen: 2.85 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.05 min

Lab File: BF119449.D

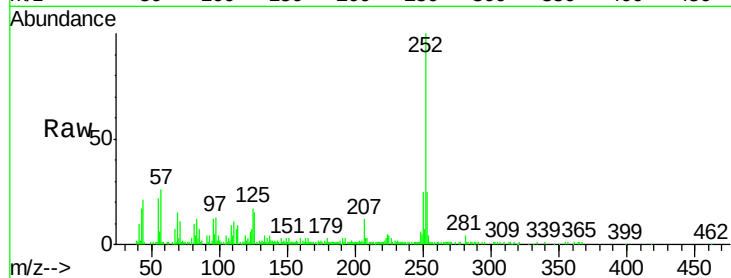
Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A



Tgt Ion:	252	Resp:	123968
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.2	27.4
125	16.6	9.0	13.4

