

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121210.D
 Acq On : 6 Aug 2020 19:13
 Operator : JU/CG
 Sample : L3537-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IB

Quant Time: Aug 07 00:53:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132565	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	523359	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	272557	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	517925	20.00	ng	0.00
76) Chrysene-d12	13.96	240	361845	20.00	ng	0.00
86) Perylene-d12	15.41	264	381728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	829099	102.53	ng	0.00
7) Phenol-d6	6.43	99	966304	92.51	ng	-0.01
23) Nitrobenzene-d5	7.36	82	670491	74.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	320532	107.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1245110	68.21	ng	-0.01
79) Terphenyl-d14	12.91	244	1185674	71.23	ng	0.00

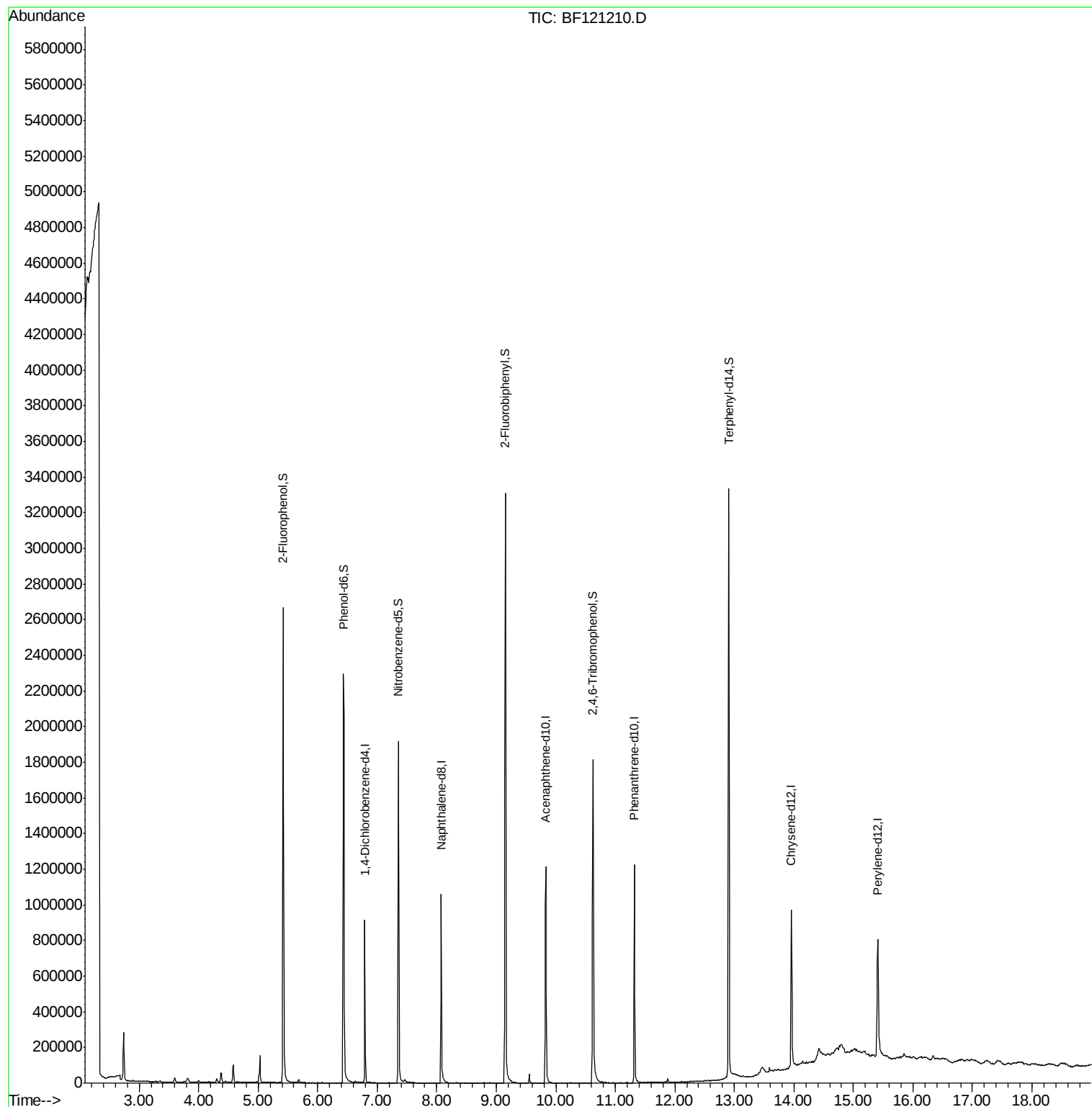
Target Compounds Qvalue

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

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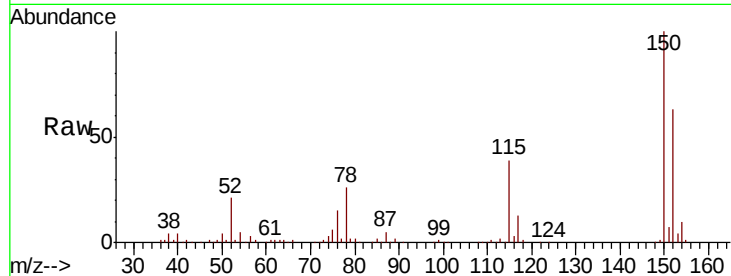


#1

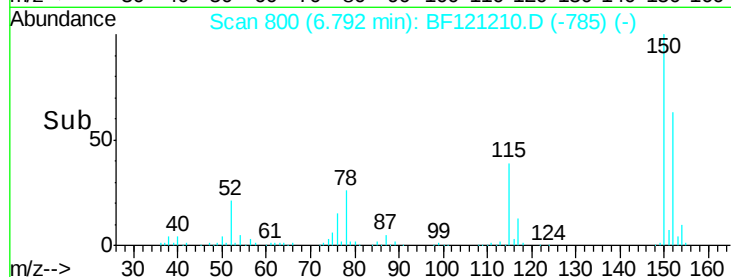
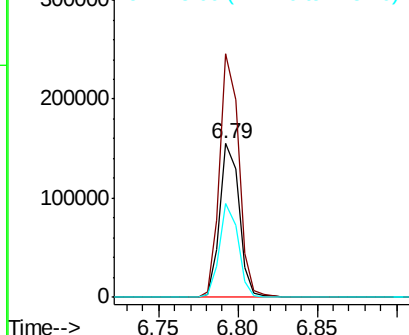
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IB

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.6	188.4
115	61.0	46.2	69.2



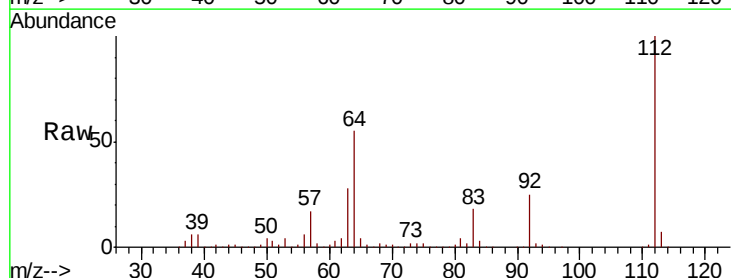
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



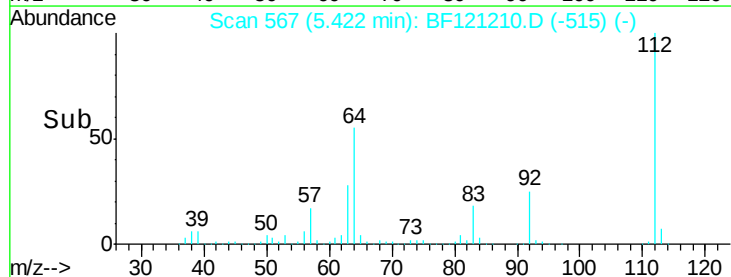
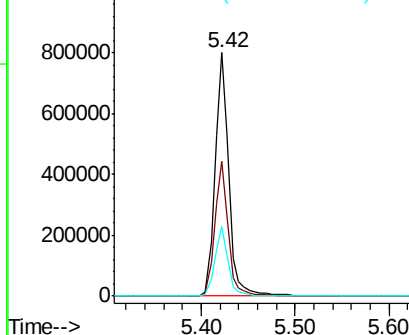
#5

2-Fluorophenol
 Concen: 102.530 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.9	65.9
63	28.4	22.7	34.1



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: 92.508 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IB

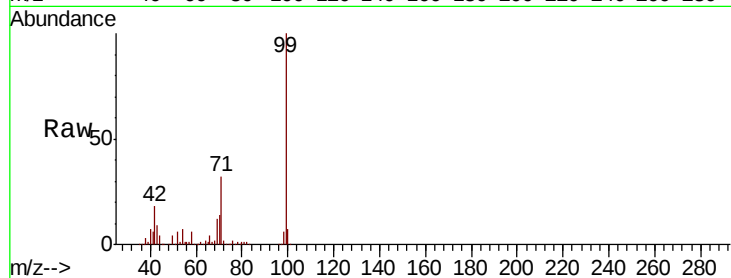
Tot Ion: 99 Resp: 966304

Ion Ratio Lower Upper

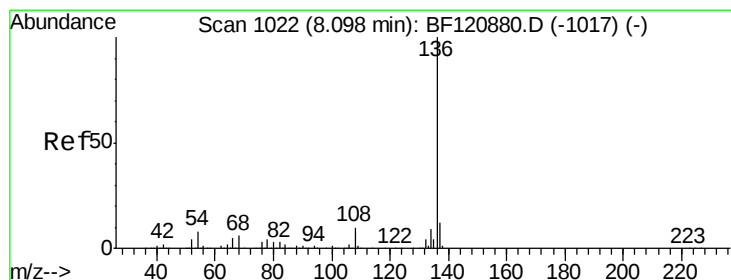
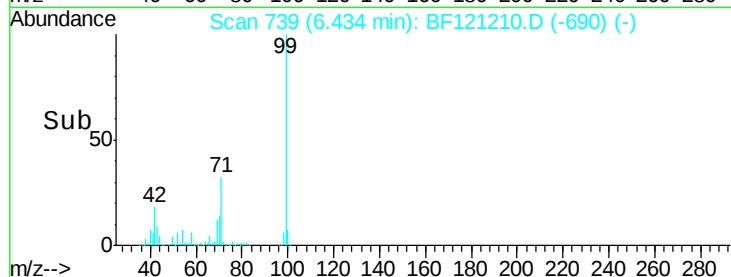
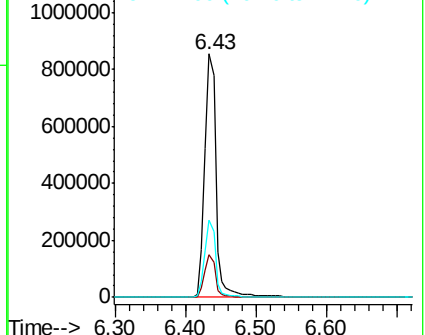
99 100

42 17.7 13.5 20.3

71 31.7 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Tgt Ion: 136 Resp: 523359

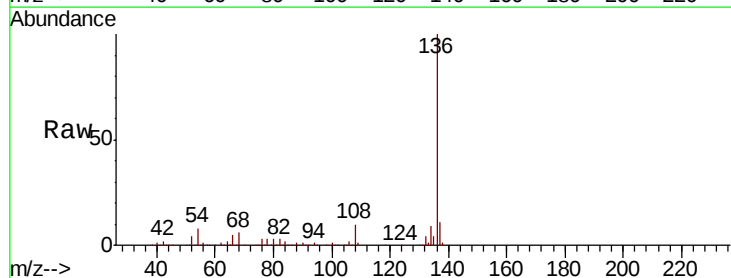
Ion Ratio Lower Upper

136 100

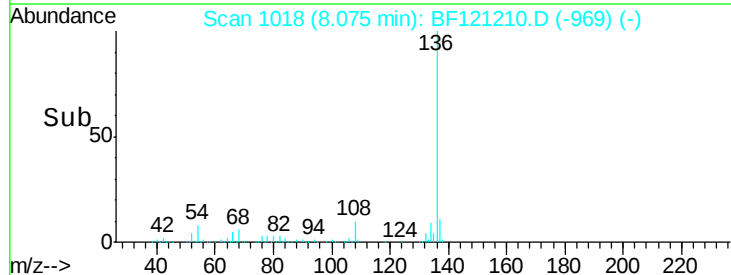
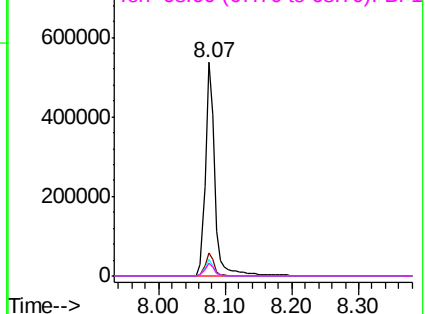
137 11.0 9.0 13.4

54 7.6 6.1 9.1

68 6.2 5.0 7.6



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

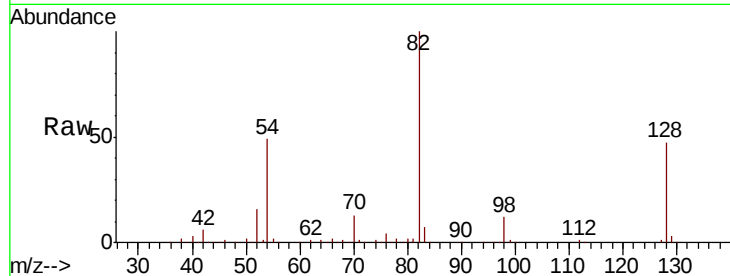




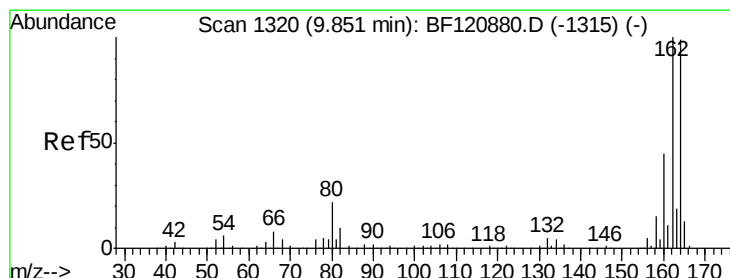
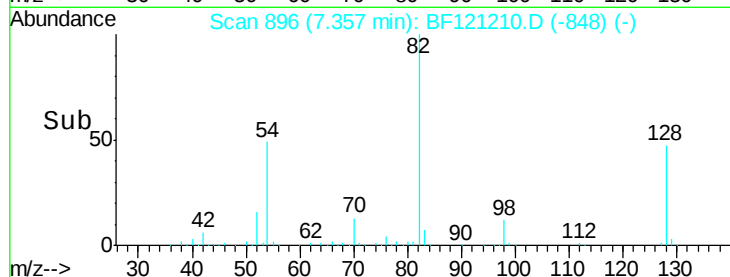
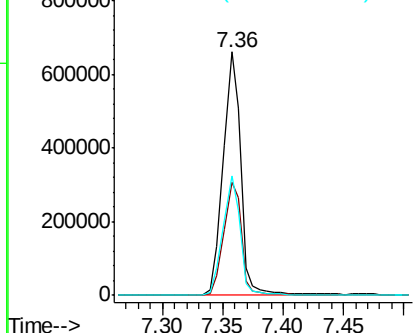
#23
 Nitrobenzene-d5
 Concen: 74.130 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IB

Tot Ion: 82 Resp: 670491
 Ion Ratio Lower Upper
 82 100
 128 46.7 39.2 58.8
 54 49.2 37.8 56.8

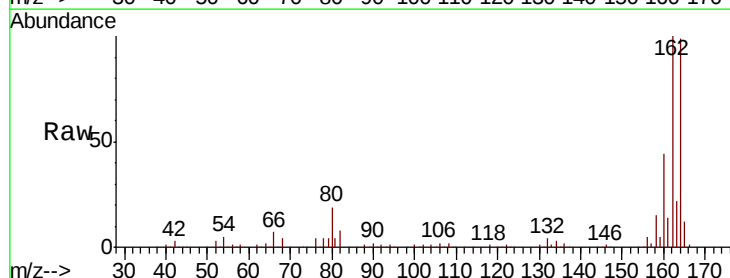


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

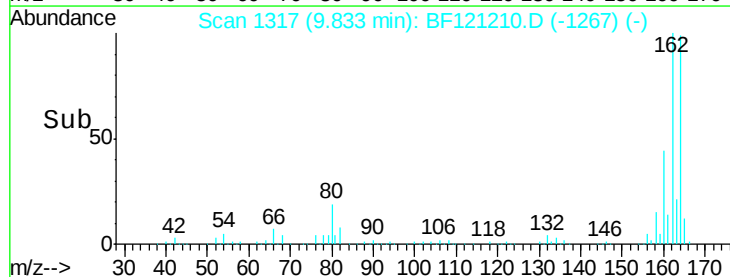
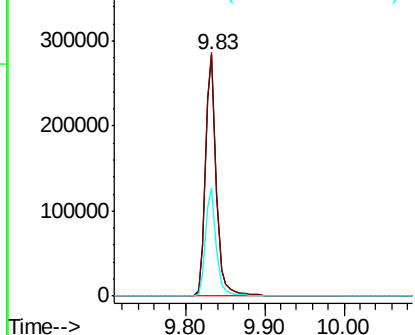


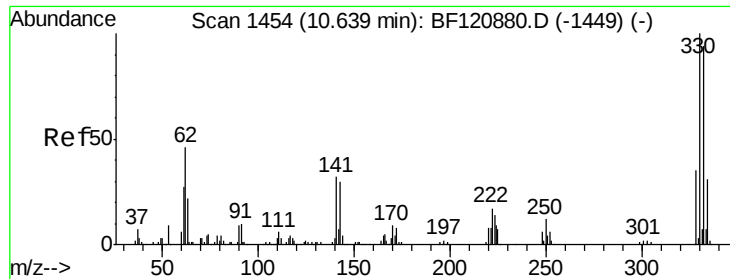
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Tgt Ion: 164 Resp: 272557
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.2 123.2
 160 44.8 37.2 55.8



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

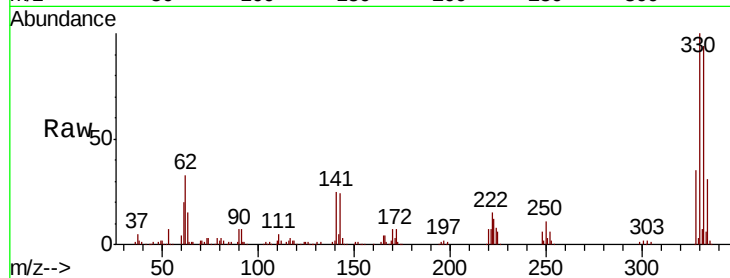




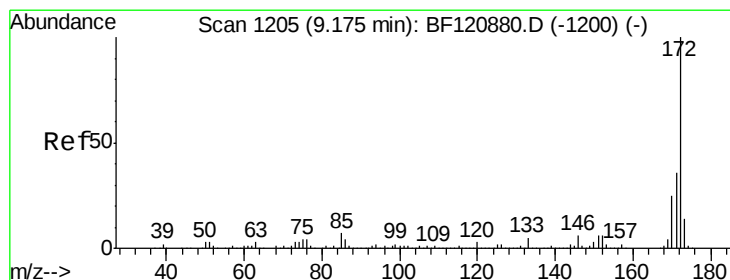
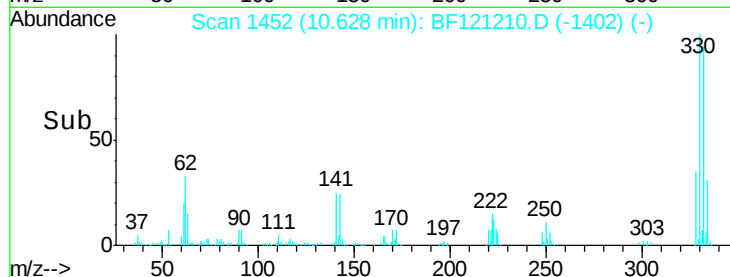
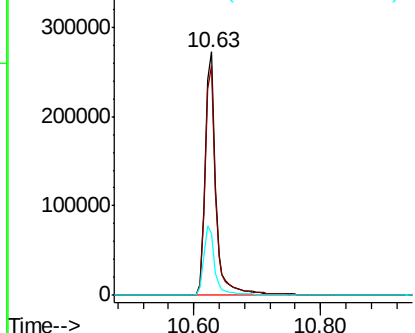
#42
 2,4,6-Tribromophenol
 Concen: 107.438 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.1	114.1
141	30.0	24.1	36.1

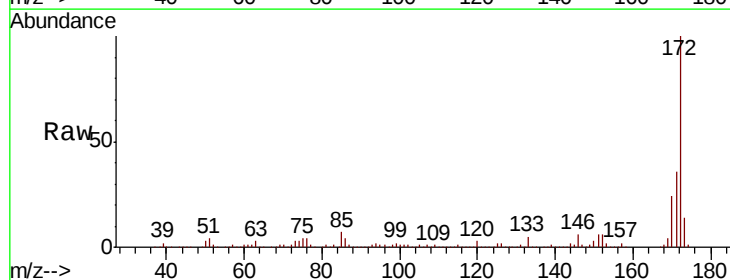


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

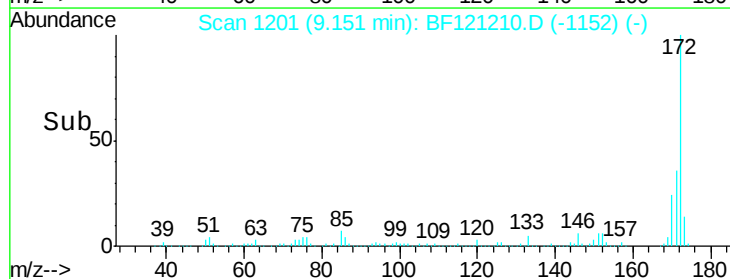
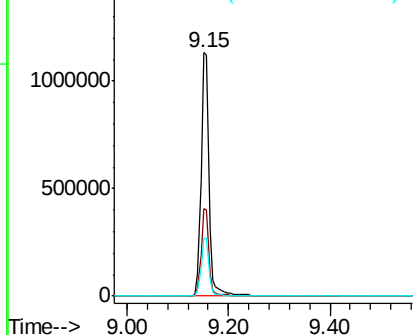


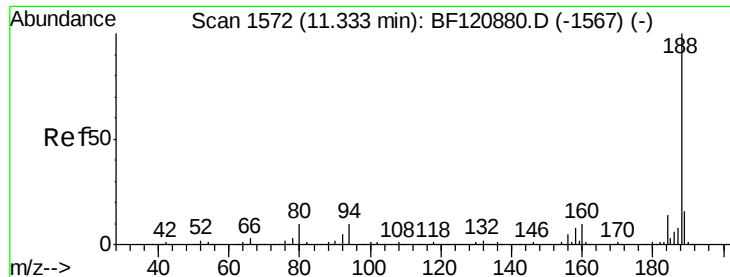
#45
 2-Fluorobiphenyl
 Concen: 68.206 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.6	29.4



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

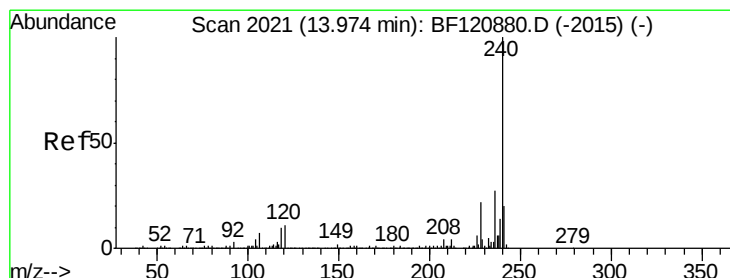
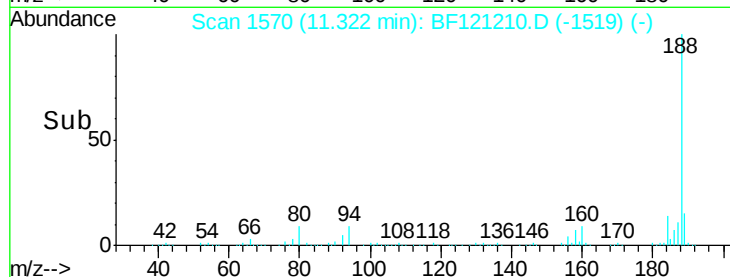
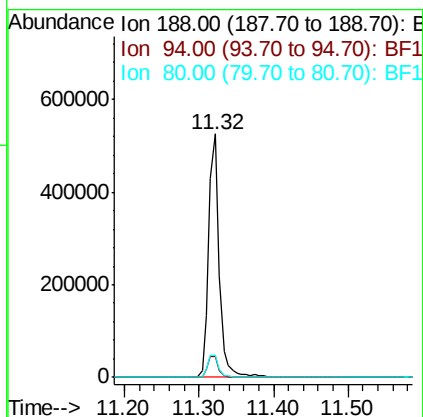
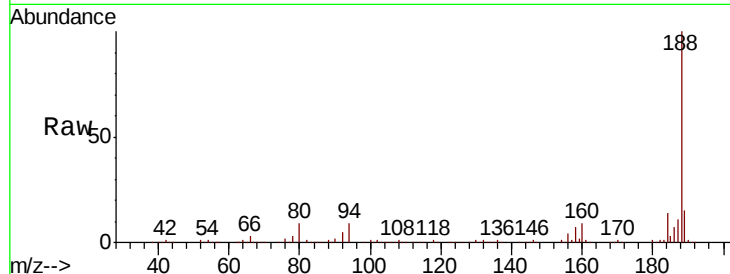




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

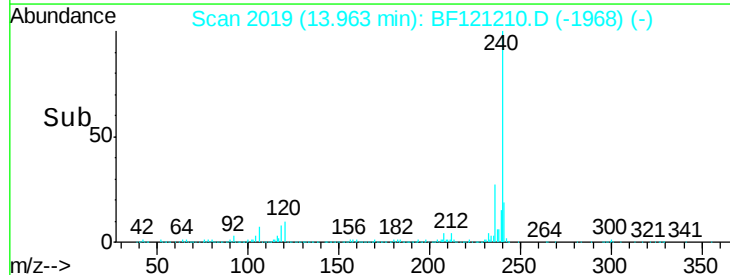
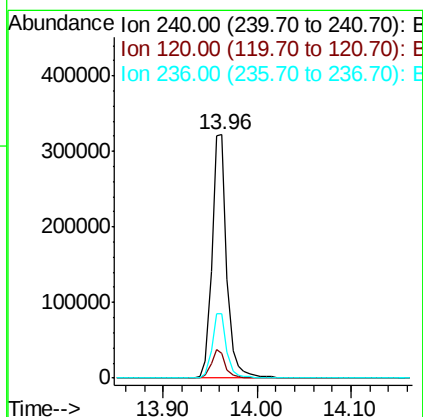
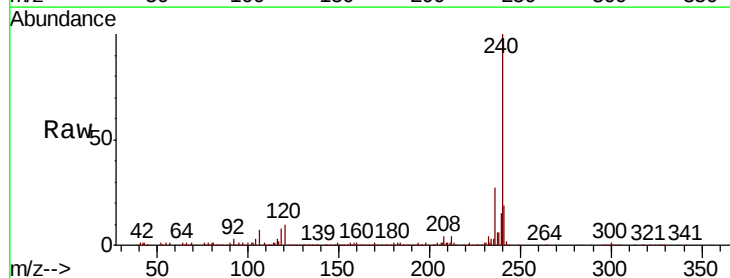
Instrument :
BNA_F
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JTY1-WC-S-BL-IB

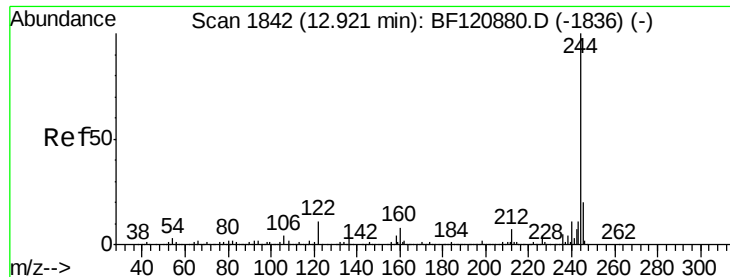
Tot Ion:188 Resp: 517925
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

Tgt Ion:240 Resp: 361845
Ion Ratio Lower Upper
240 100
120 10.3 9.3 13.9
236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 71.229 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IB

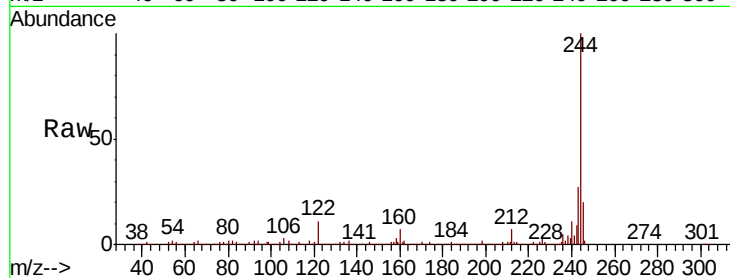
Tot Ion:244 Resp: 1185674

Ion Ratio Lower Upper

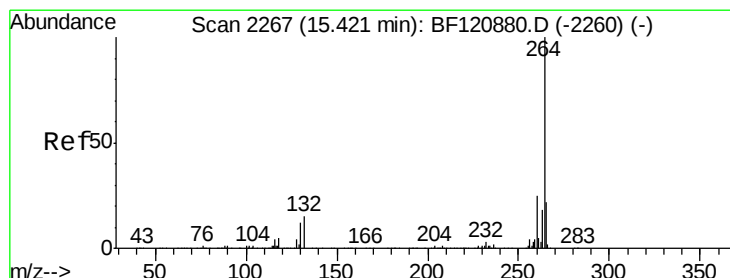
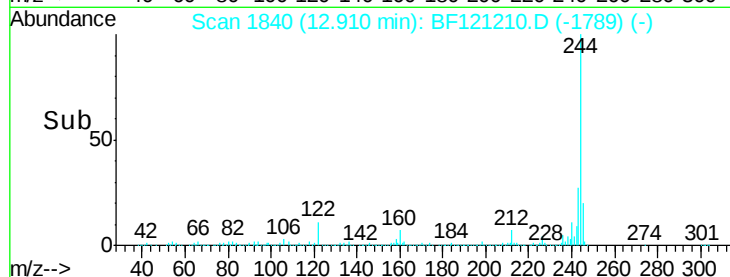
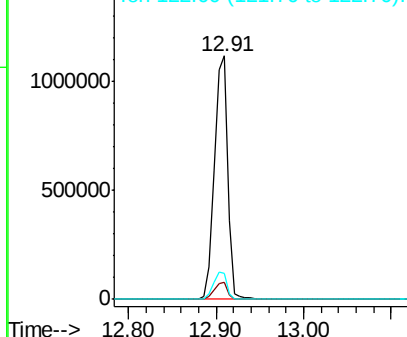
244 100

212 7.0 5.7 8.5

122 10.5 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

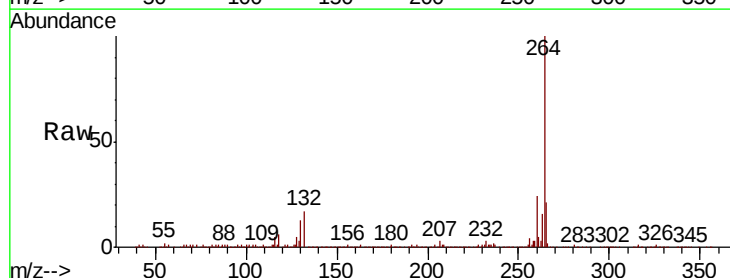
Tgt Ion:264 Resp: 381728

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 21.1 17.8 26.8



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

