

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121617.D
 Acq On : 18 Sep 2020 17:18
 Operator : JU/CG
 Sample : L4075-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS-WC-S-IB-ST

Quant Time: Sep 18 19:02:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147094	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	582771	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	303295	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	560284	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	421526	20.00	ng	-0.02
86) Perylene-d12	15.43	264	371791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1045925	105.67	ng	0.02
7) Phenol-d6	6.46	99	1230886	94.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	1001325	92.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	483116	128.16	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1764844	88.13	ng	-0.01
79) Terphenyl-d14	12.93	244	1850082	88.92	ng	0.00

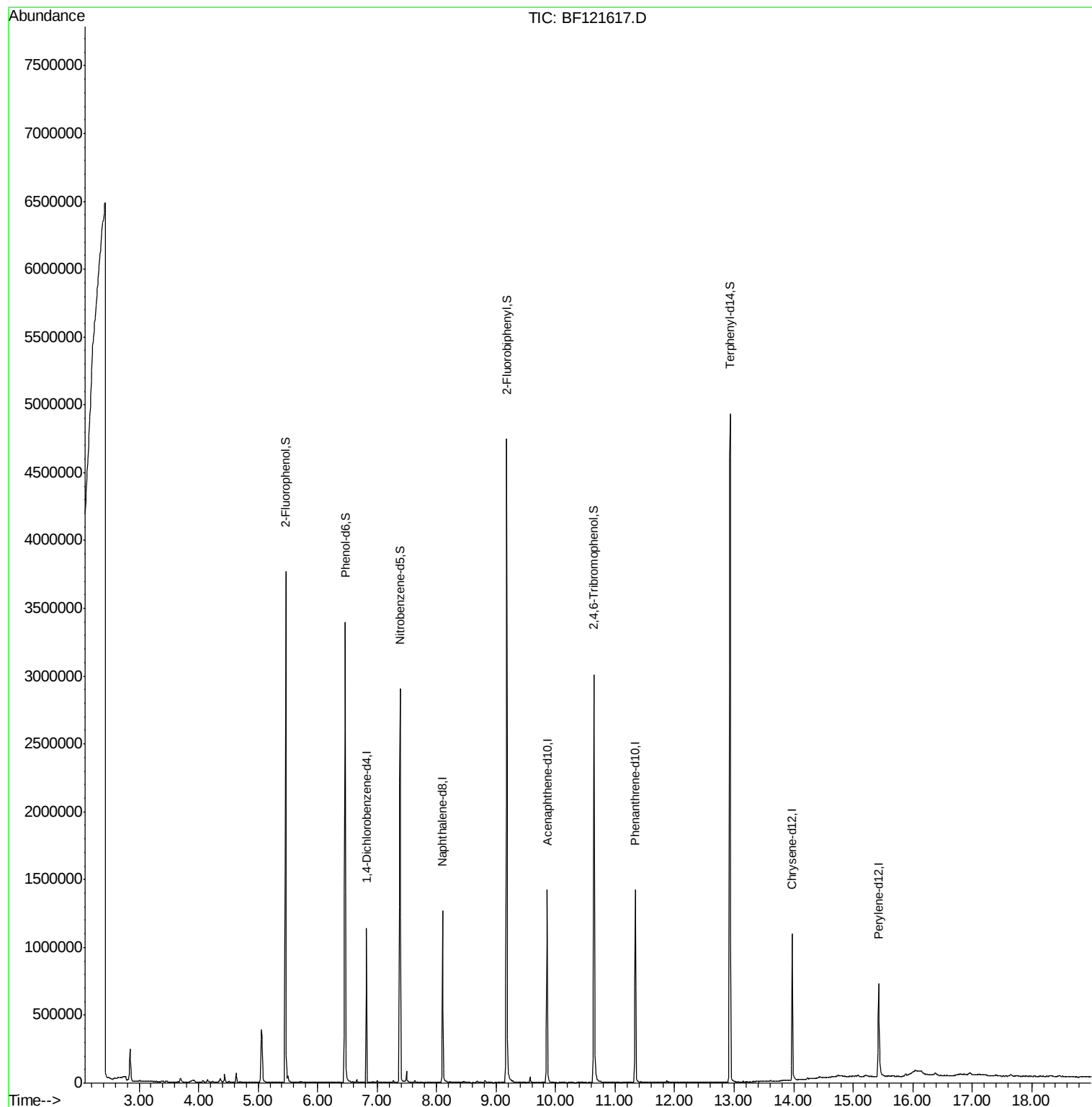
Target Compounds Qvalue

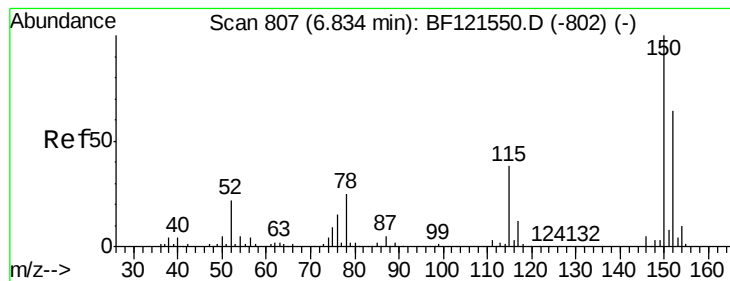
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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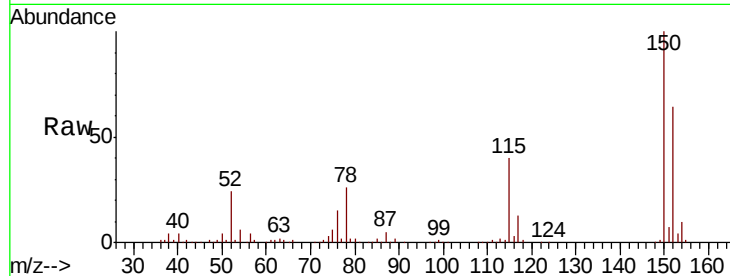


#1

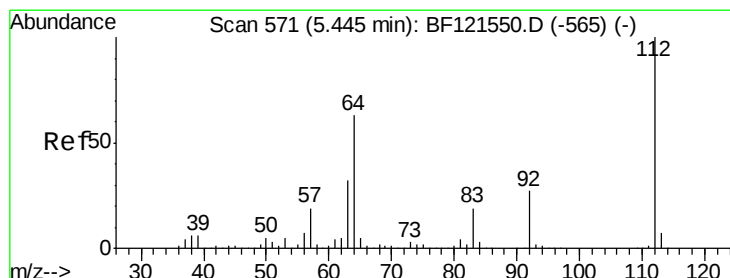
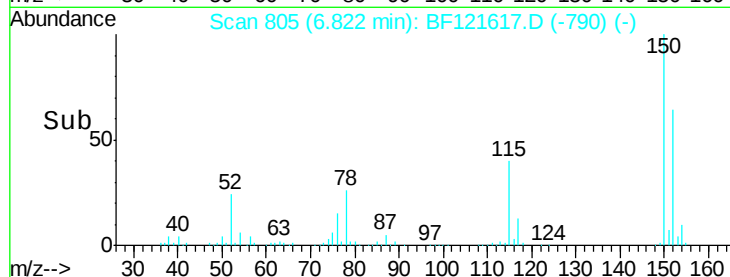
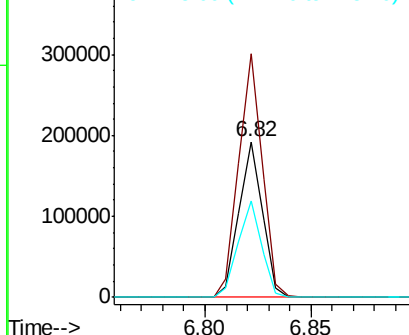
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Instrument :
BNA_F
ClientSampleId :
KTS-WC-S-IB-ST

Tot Ion:152 Resp: 147094
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 62.2 47.8 71.8



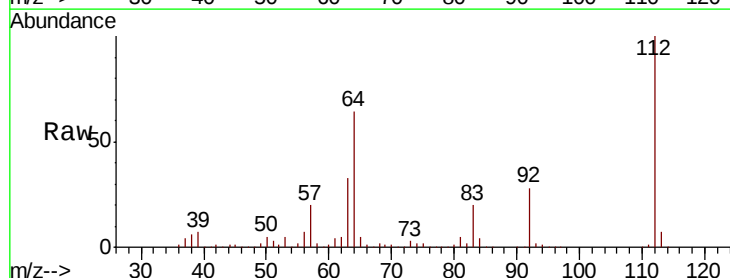
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



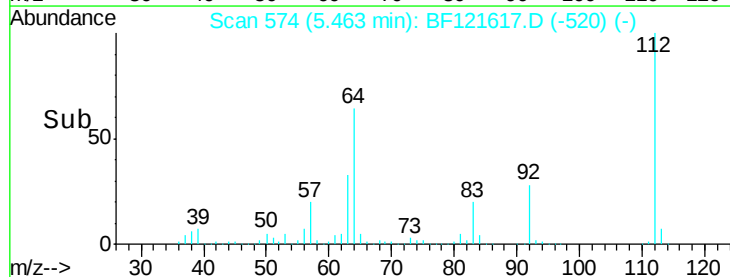
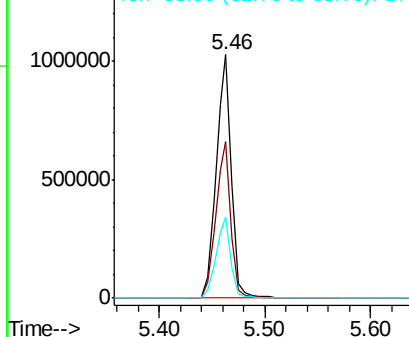
#5

2-Fluorophenol
Concen: 105.672 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:112 Resp: 1045925
Ion Ratio Lower Upper
112 100
64 64.2 50.3 75.5
63 33.3 25.6 38.4



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: 94.790 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

Instrument :

BNA_F

ClientSampleId :

KTS-WC-S-IB-ST

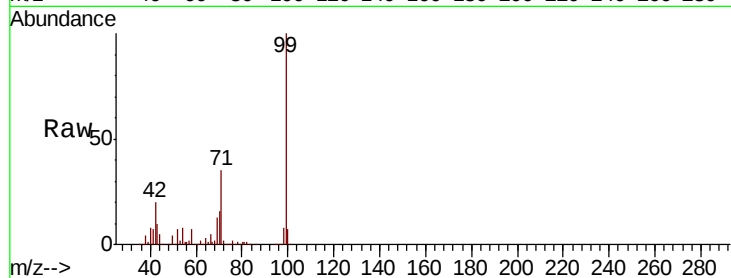
Tot Ion: 99 Resp: 1230886

Ion Ratio Lower Upper

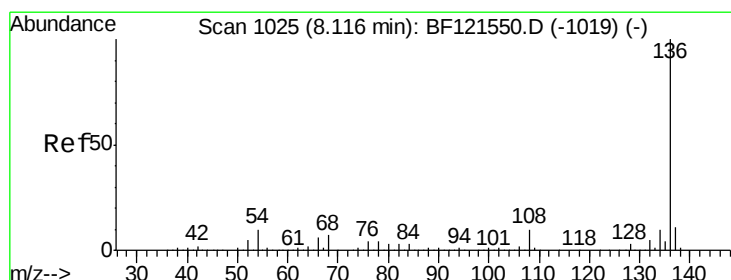
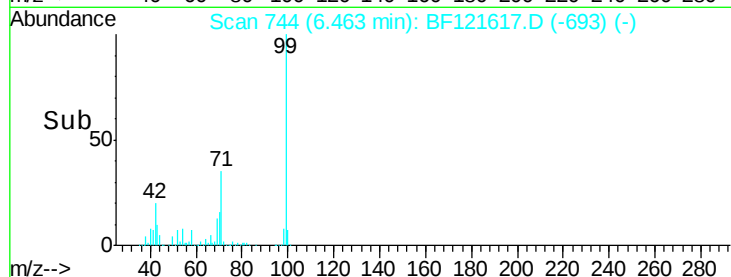
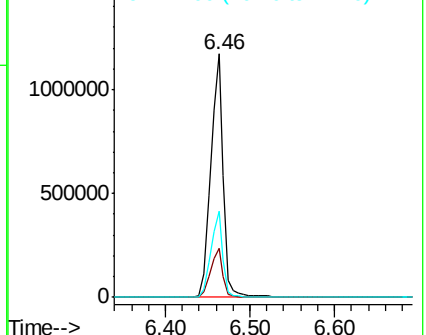
99 100

42 20.0 15.5 23.3

71 35.3 26.1 39.1



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

Tgt Ion: 136 Resp: 582771

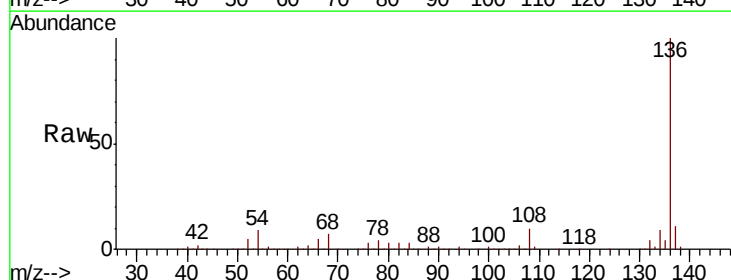
Ion Ratio Lower Upper

136 100

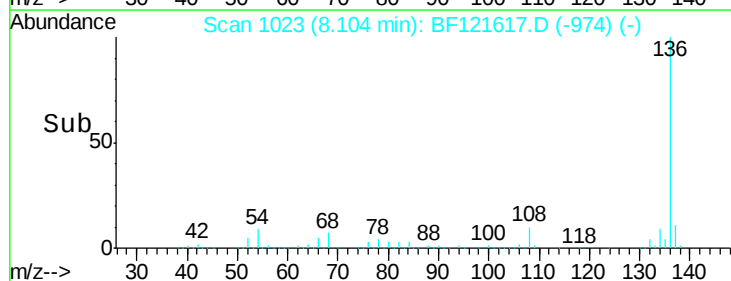
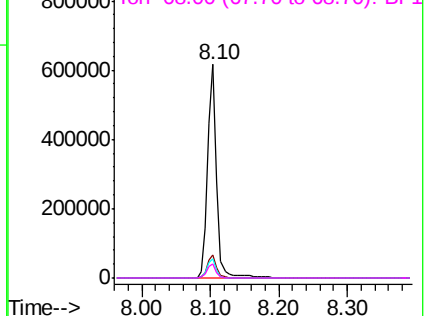
137 11.0 9.0 13.6

54 9.1 7.6 11.4

68 6.6 5.7 8.5



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

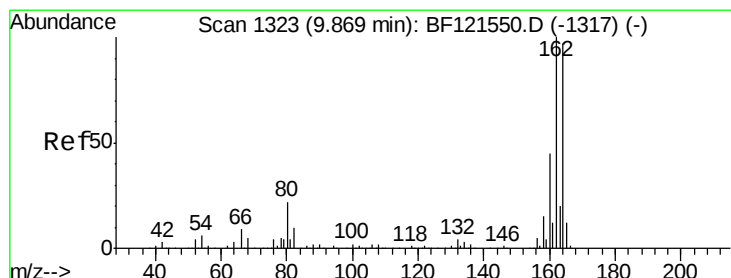
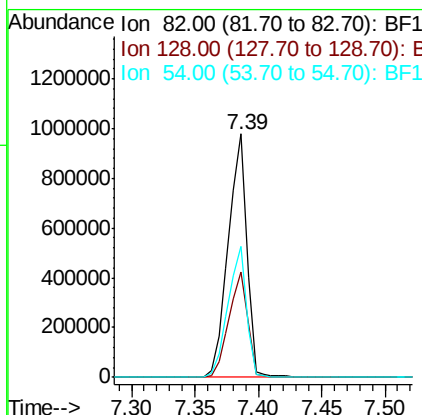
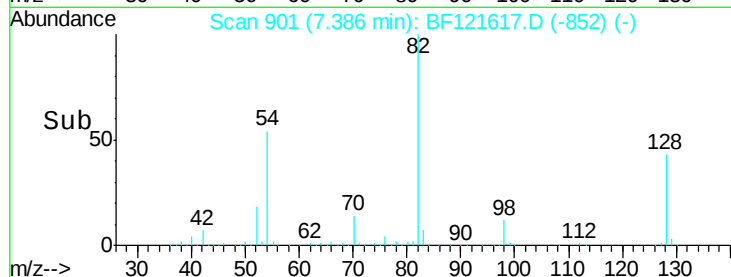
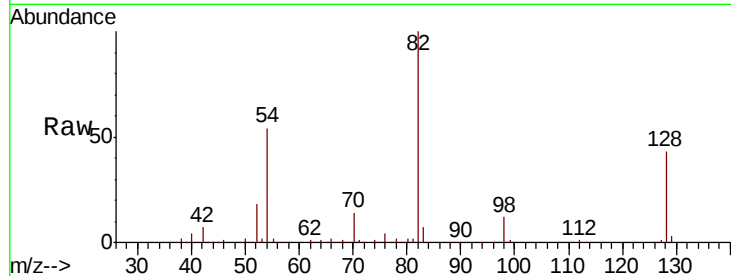




#23
Nitrobenzene-d5
Concen: 92.254 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

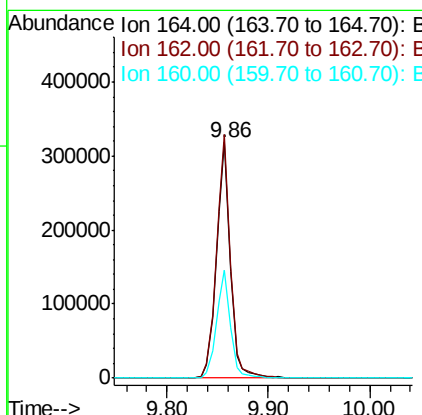
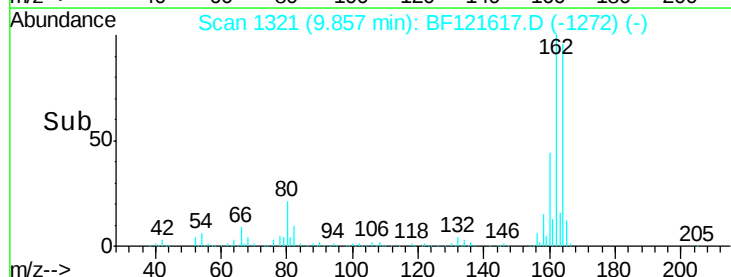
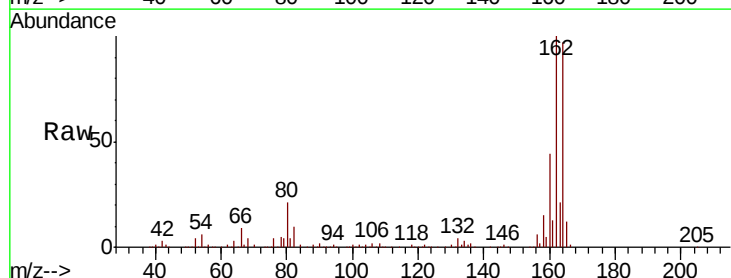
Instrument :
BNA_F
ClientSampleId :
KTS-WC-S-IB-ST

Tot Ion: 82 Resp: 1001325
Ion Ratio Lower Upper
82 100
128 43.4 35.1 52.7
54 54.0 43.0 64.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:164 Resp: 303295
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 128.163 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

Instrument :

BNA_F

ClientSampleId :

KTS-WC-S-IB-ST

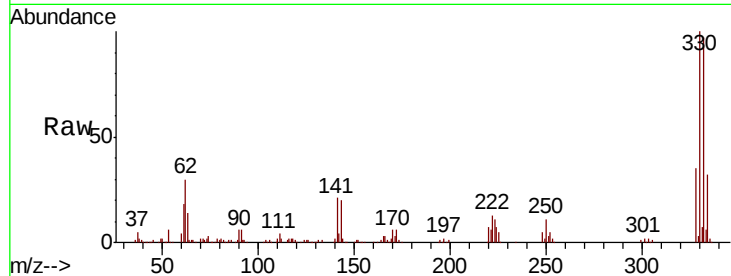
Tot Ion:330 Resp: 483116

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

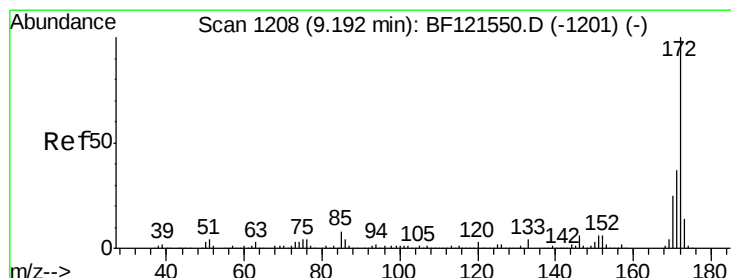
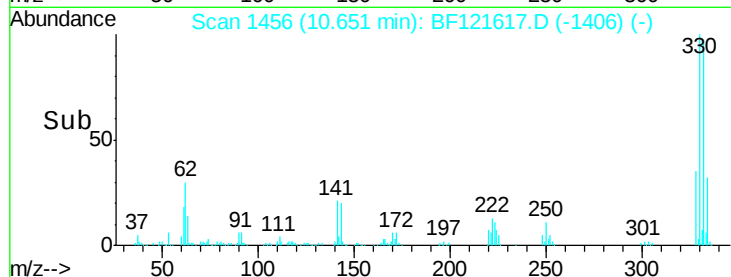
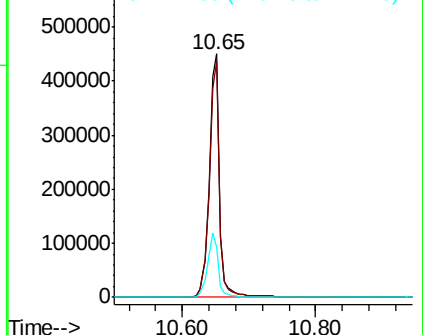
141 27.6 23.6 35.4



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: 88.129 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

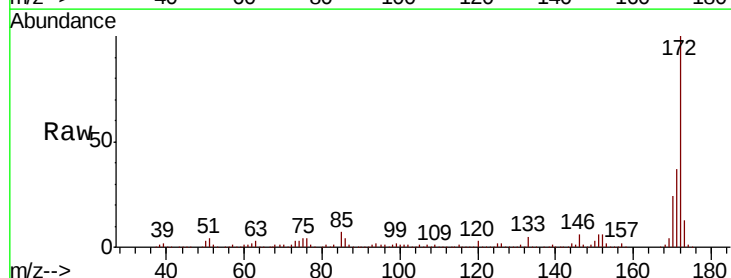
Tgt Ion:172 Resp: 1764844

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

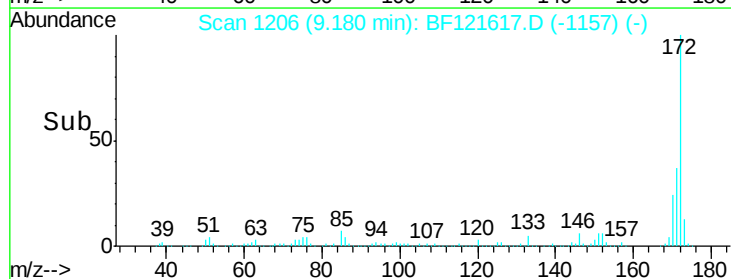
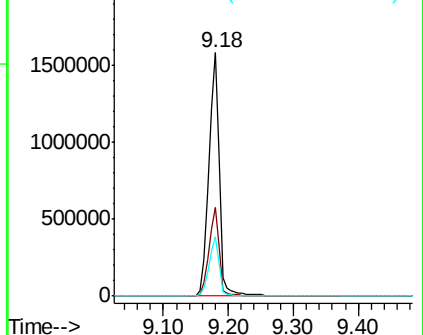
170 24.3 19.8 29.8

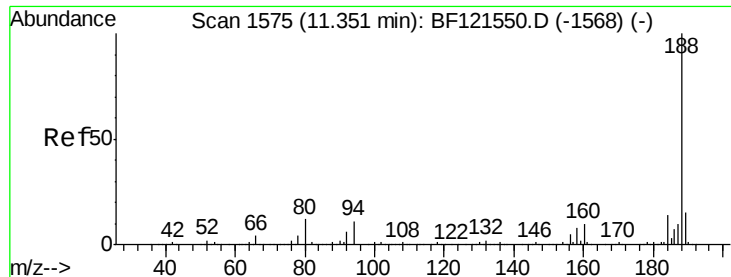


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

Instrument :

BNA_F

ClientSampleId :

KTS-WC-S-IB-ST

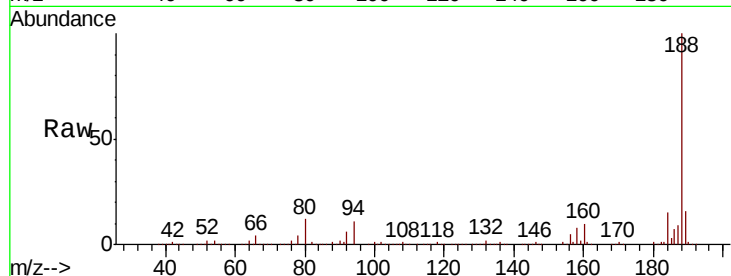
Tot Ion:188 Resp: 560284

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

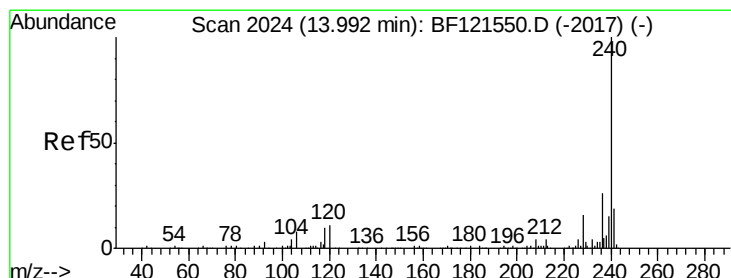
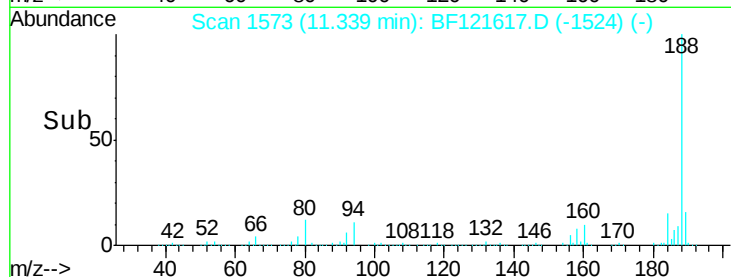
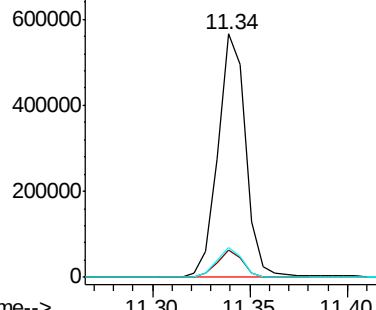
80 12.3 9.3 13.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

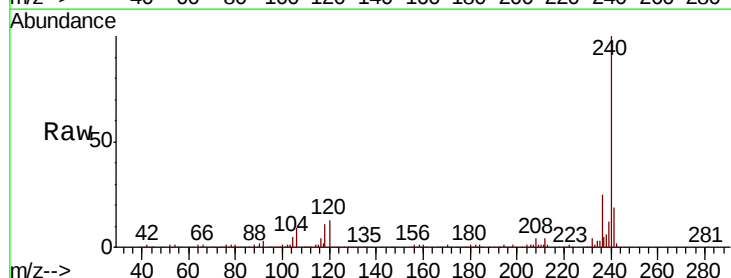
Tgt Ion:240 Resp: 421526

Ion Ratio Lower Upper

240 100

120 13.1 9.2 13.8

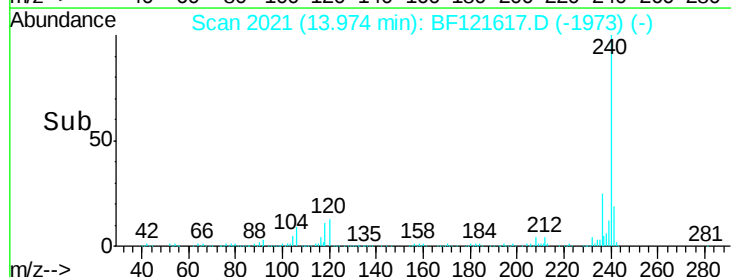
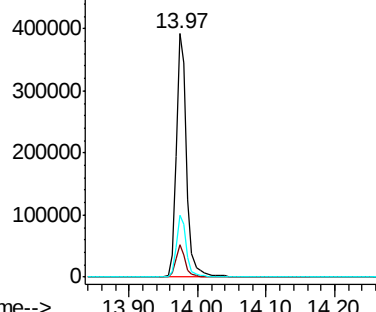
236 25.5 20.5 30.7



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: 88.917 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

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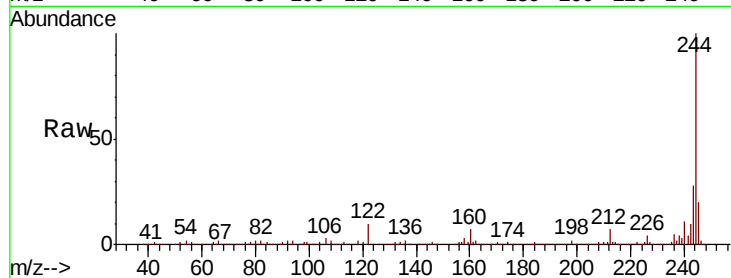
Tot Ion:244 Resp: 1850082

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

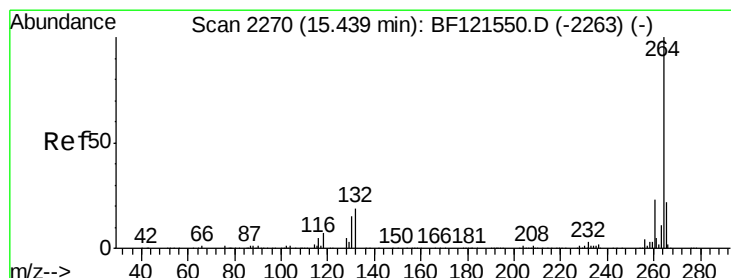
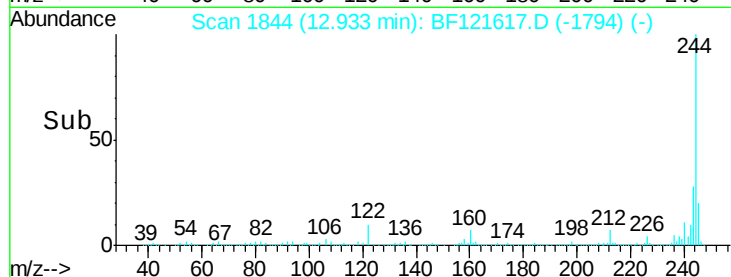
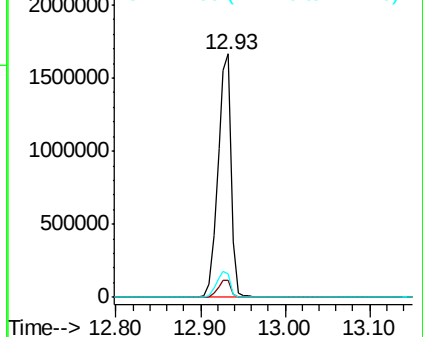
122 9.5 8.7 13.1



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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF121617.D

Acq: 18 Sep 2020 17:18

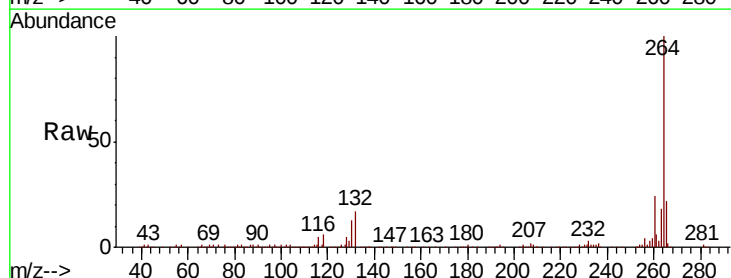
Tgt Ion:264 Resp: 371791

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.6 17.8 26.6



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

