

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121630.D
 Acq On : 21 Sep 2020 17:04
 Operator : JU/CG
 Sample : L4094-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS-WC-L-01

Quant Time: Sep 21 19:00:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

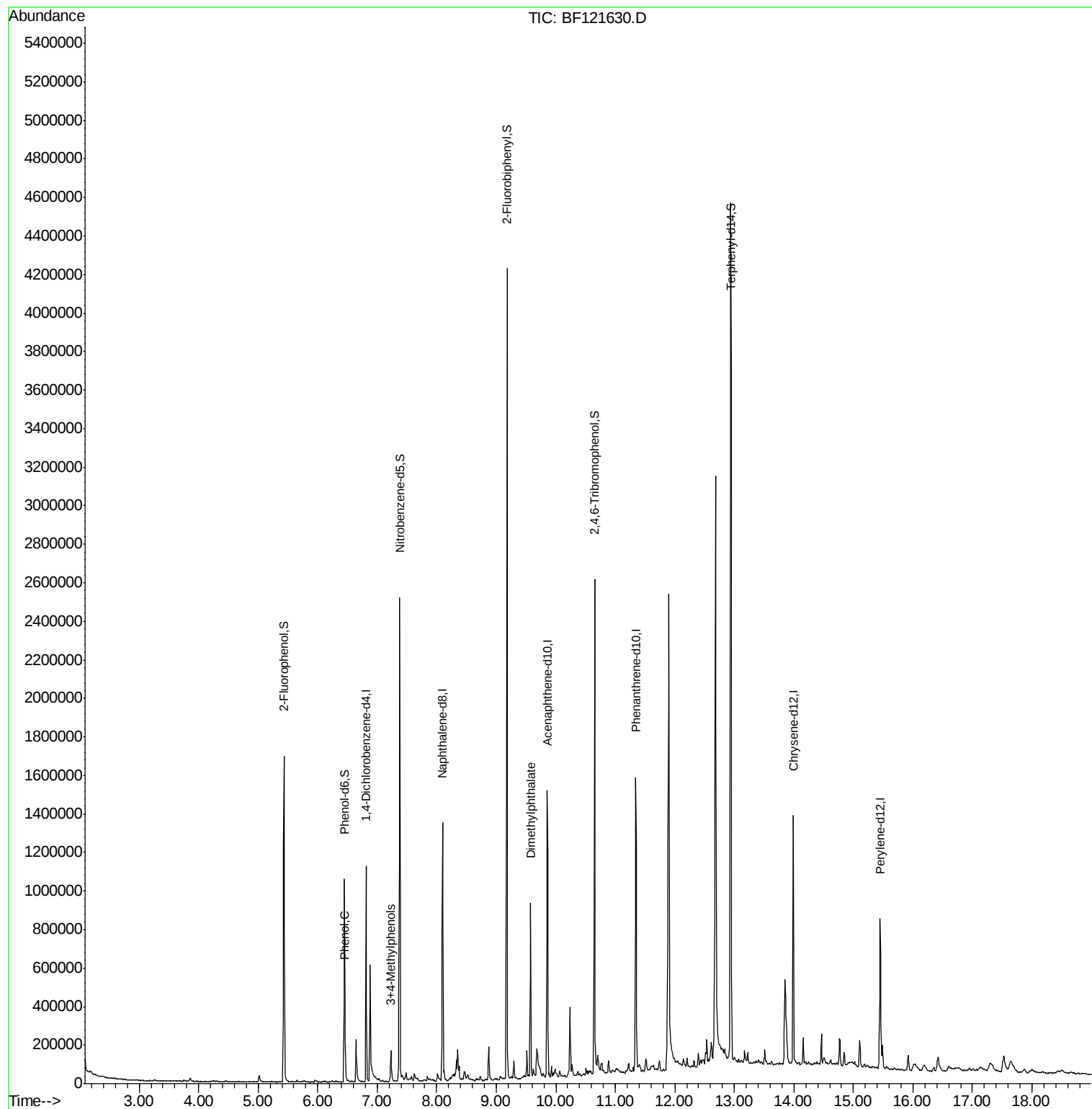
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	148382	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	592348	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	302516	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	559396	20.00	ng	0.00
76) Chrysene-d12	13.99	240	455054	20.00	ng	0.00
86) Perylene-d12	15.45	264	364376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	443285	44.40	ng	0.00
7) Phenol-d6	6.45	99	358703	27.38	ng	-0.02
23) Nitrobenzene-d5	7.38	82	845660	76.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	331308	88.12	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1355406	67.86	ng	0.00
79) Terphenyl-d14	12.94	244	1576153	70.17	ng	0.00
Target Compounds						
10) Phenol	6.46	94	46705	3.348	ng	78
20) 3+4-Methylphenols	7.23	107	40312	3.879	ng	# 52
50) Dimethylphthalate	9.57	163	324437	14.797	ng	100

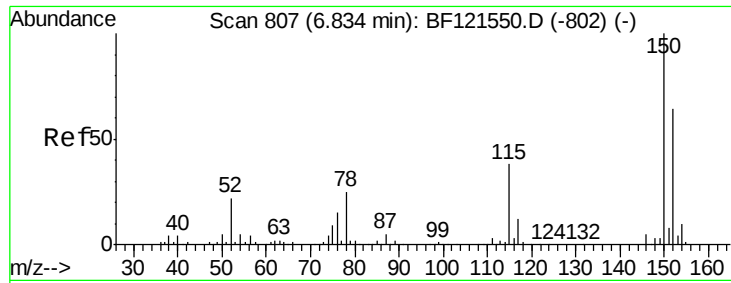
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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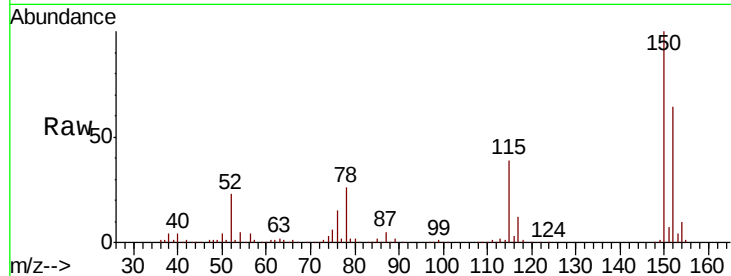


#1

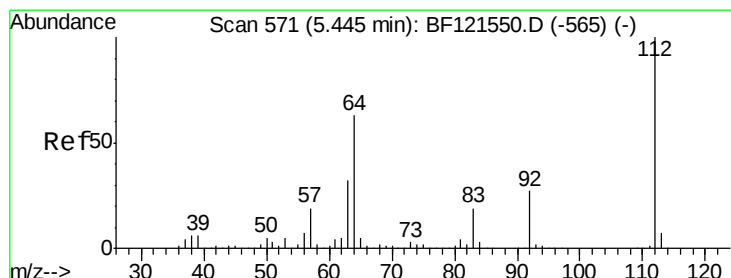
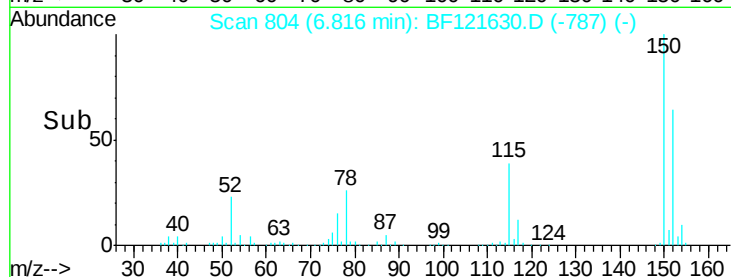
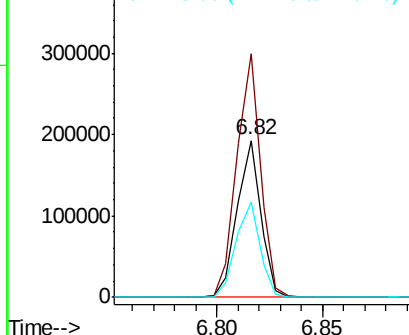
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

Tot Ion:152 Resp: 148382
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 60.5 52.6 79.0



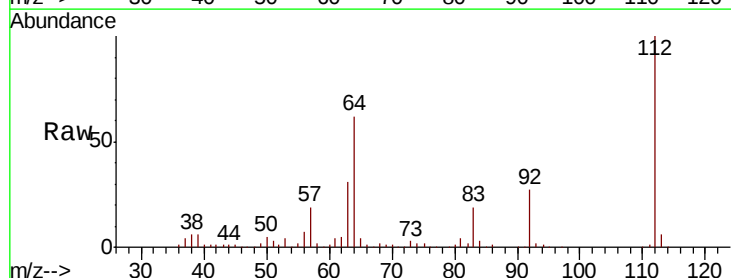
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



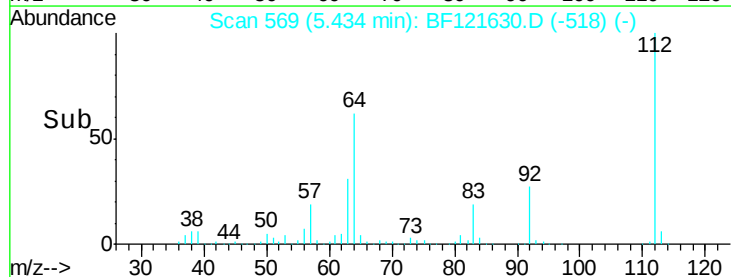
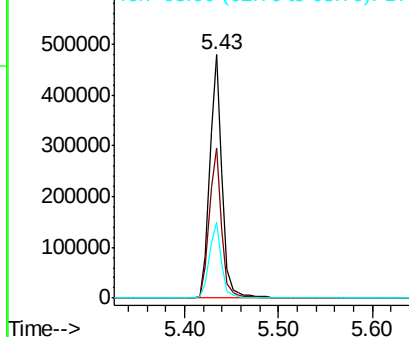
#5

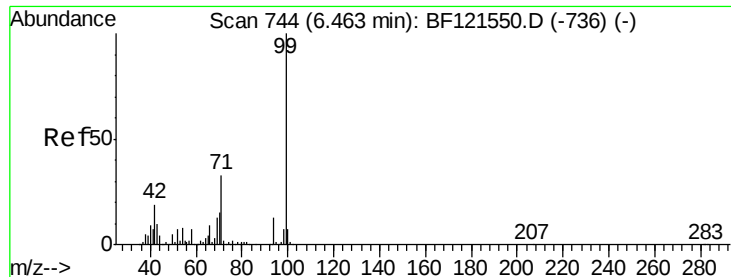
2-Fluorophenol
Concen: 44.397 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion:112 Resp: 443285
Ion Ratio Lower Upper
112 100
64 61.7 52.2 78.2
63 31.1 26.6 39.8



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: 27.384 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

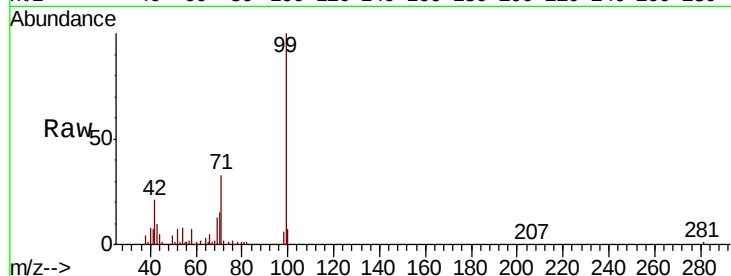
Tot Ion: 99 Resp: 358703

Ion Ratio Lower Upper

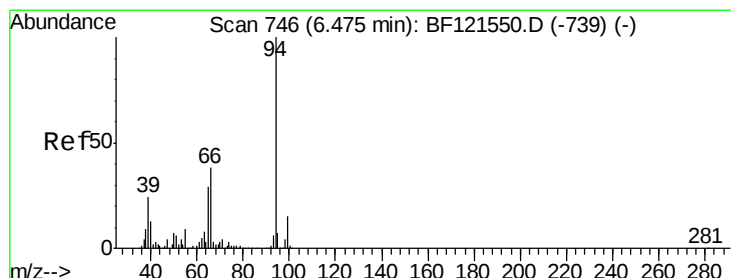
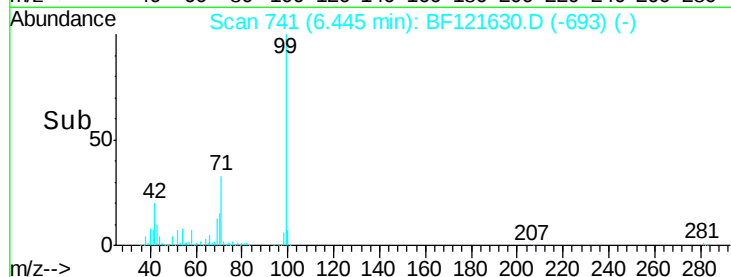
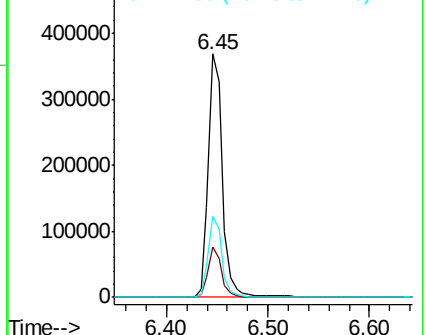
99 100

42 20.5 15.5 23.3

71 33.3 27.4 41.2



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



#10

Phenol

Concen: 3.348 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

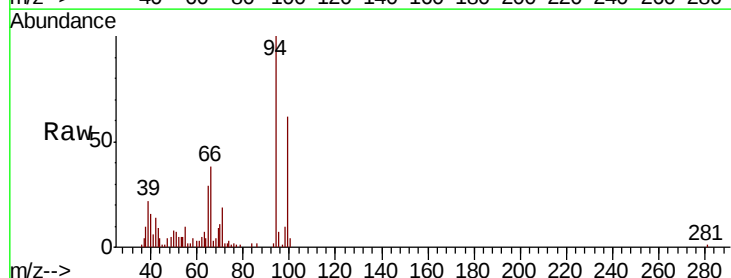
Tgt Ion: 94 Resp: 46705

Ion Ratio Lower Upper

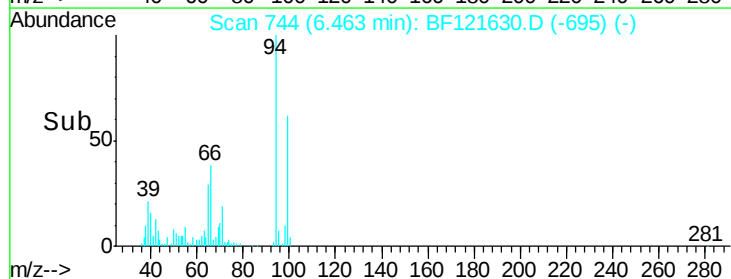
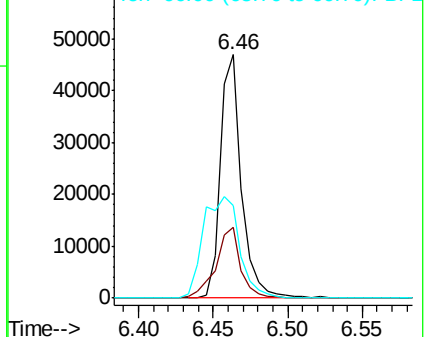
94 100

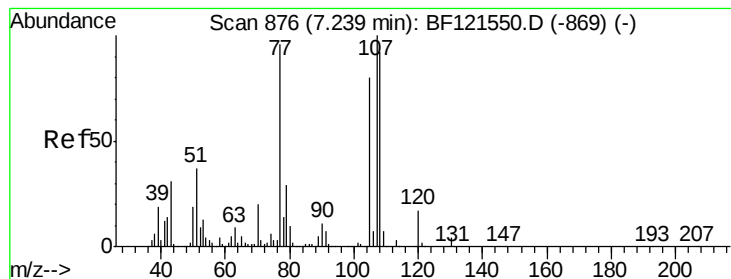
65 29.1 17.8 57.8

66 37.9 37.8 77.8



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 3.879 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

Tot Ion:107 Resp: 40312

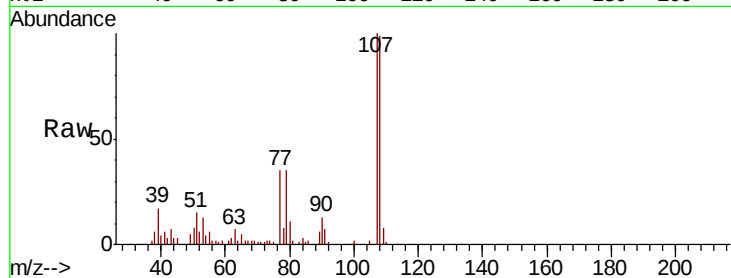
Ion Ratio Lower Upper

107 100

108 98.9 67.0 107.0

77 34.7 107.7 147.7#

79 34.9 10.3 50.3

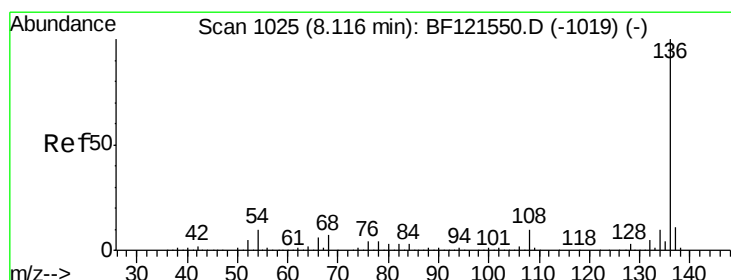
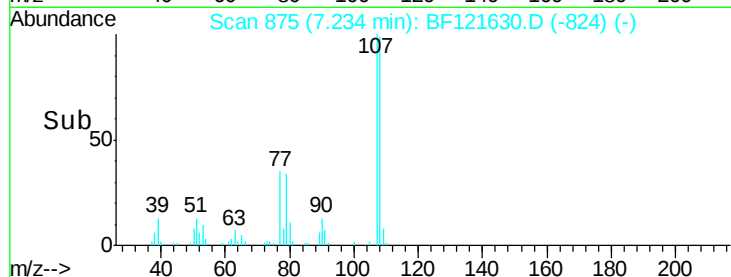
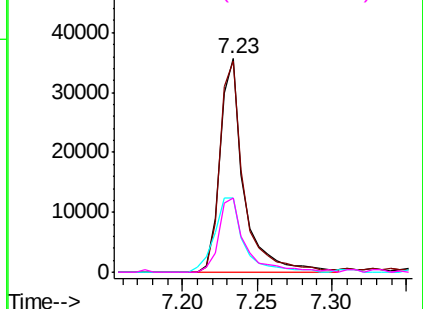


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Tgt Ion:136 Resp: 592348

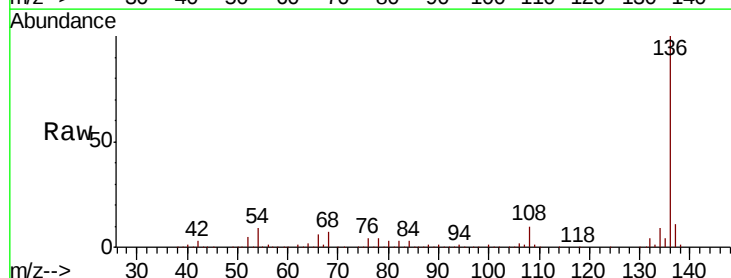
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 7.4 11.0

68 6.8 5.3 7.9

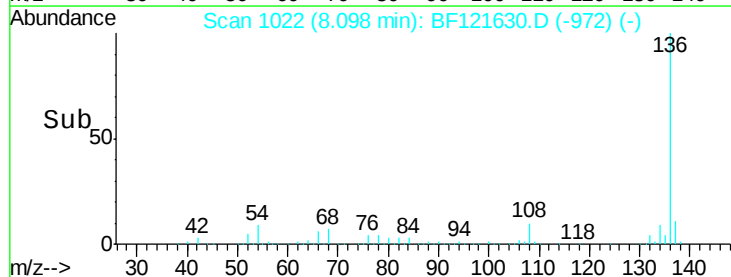
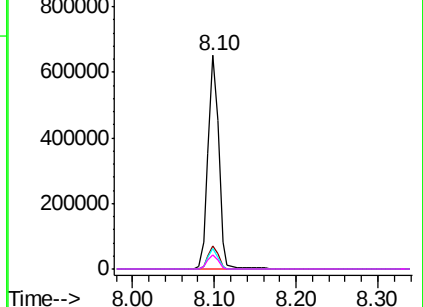


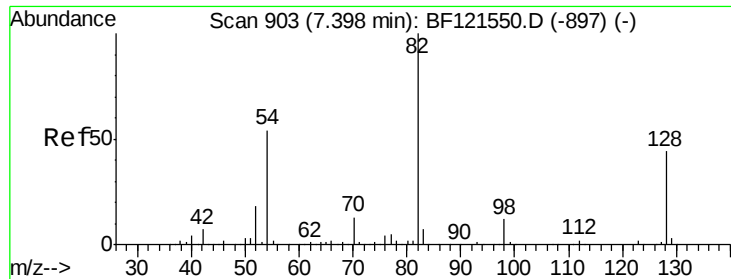
Abundance Ion 136.00 (135.70 to 136.70): E

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

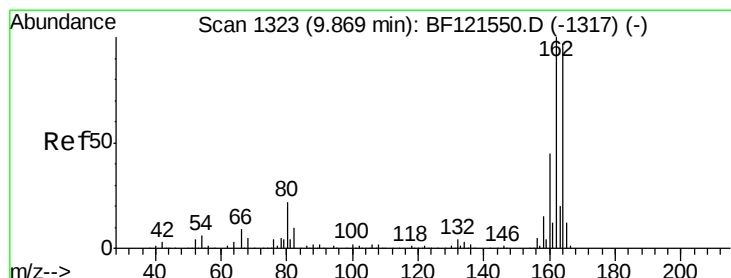
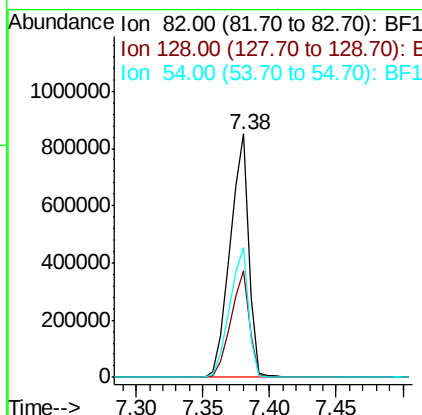
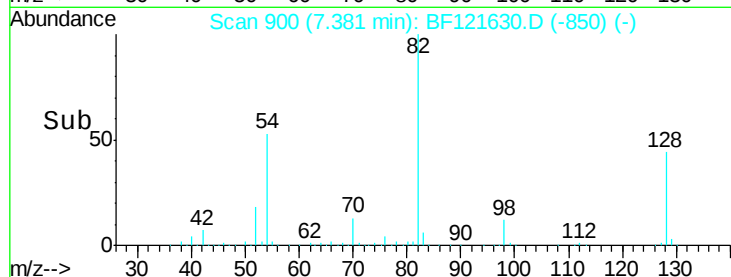
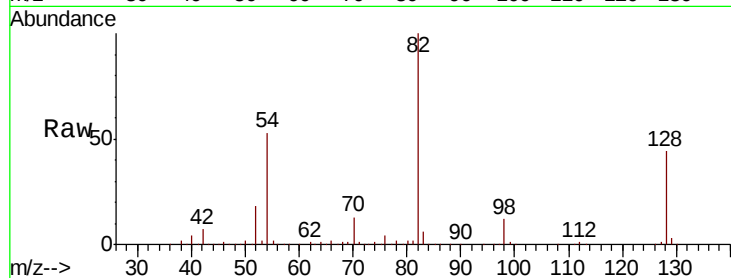




#23
Nitrobenzene-d5
Concen: 76.653 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

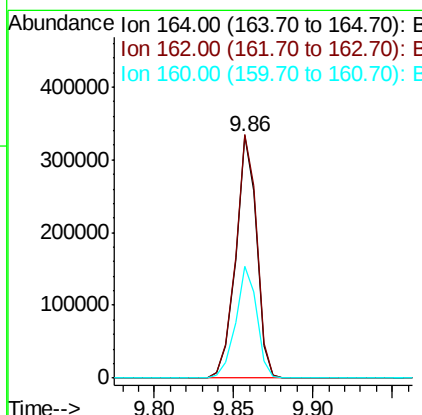
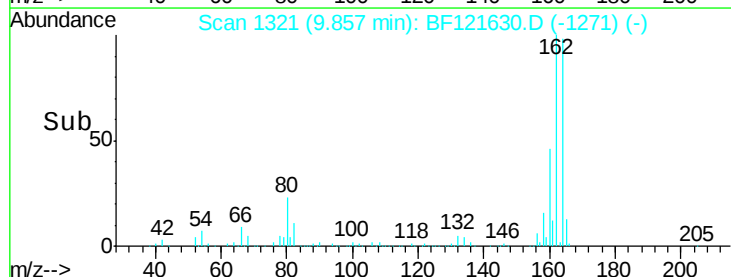
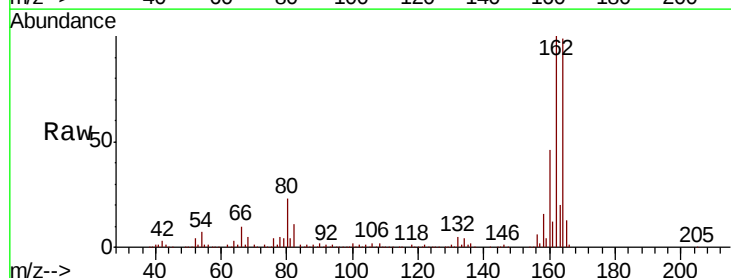
Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

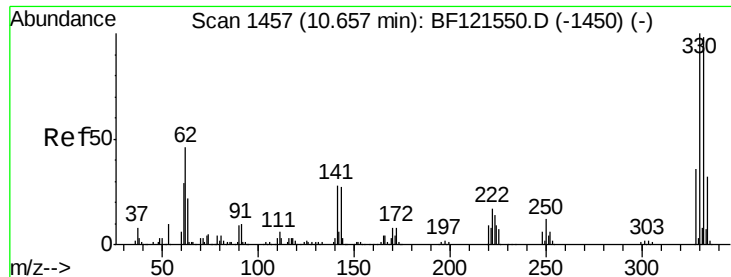
Tot Ion: 82 Resp: 845660
Ion Ratio Lower Upper
82 100
128 43.7 33.9 50.9
54 53.0 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion: 164 Resp: 302516
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 88.117 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

Instrument :

BNA_F

ClientSampleId :

KTS-WC-L-01

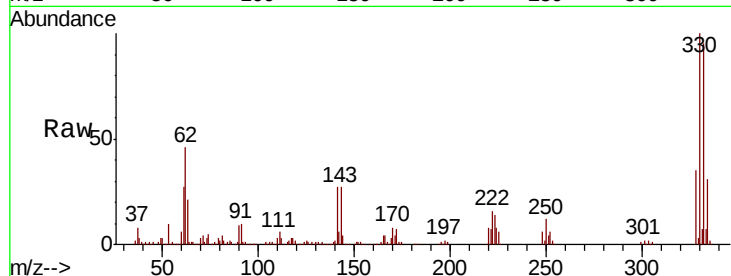
Tot Ion:330 Resp: 331308

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

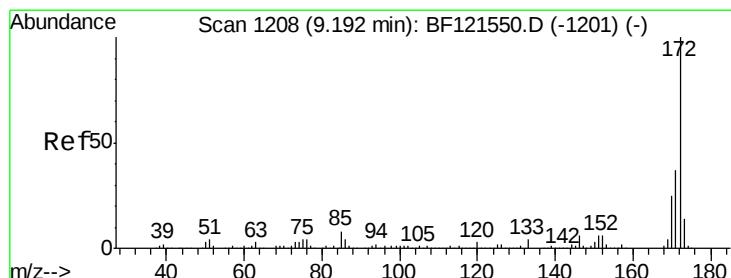
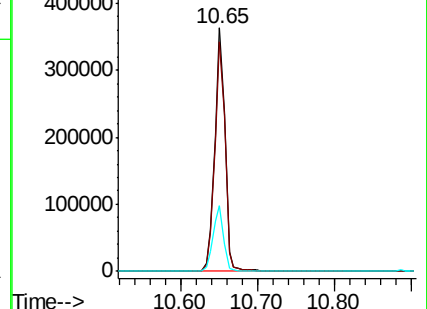
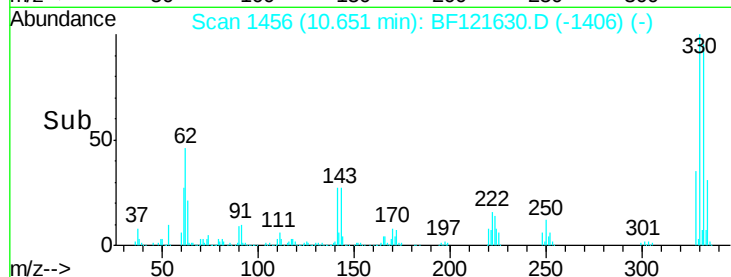
141 28.5 22.4 33.6



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: 67.858 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121630.D

Acq: 21 Sep 2020 17:04

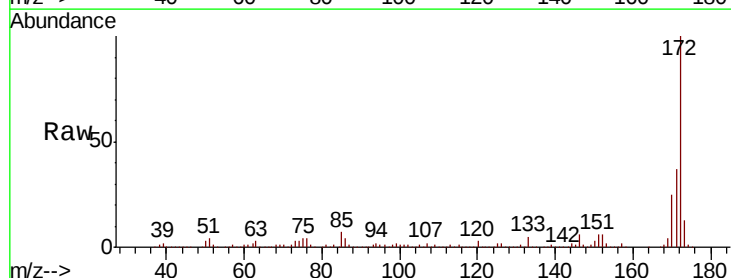
Tgt Ion:172 Resp: 1355406

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

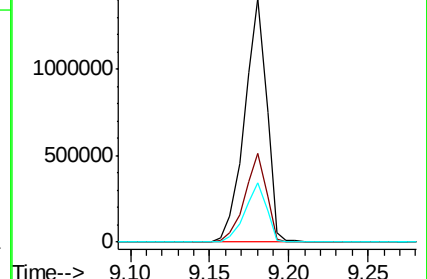
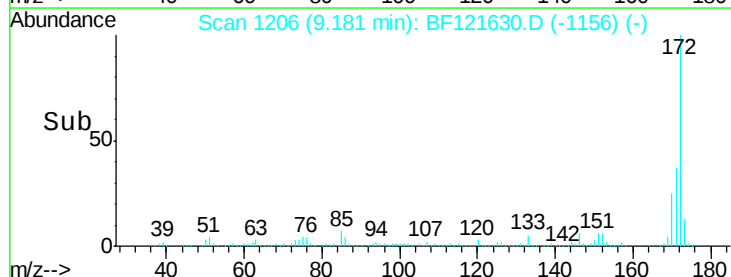
170 24.5 19.5 29.3

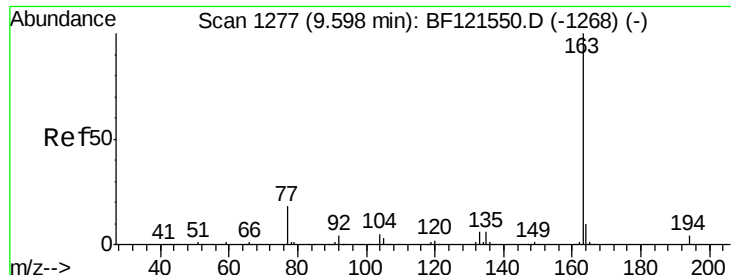


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

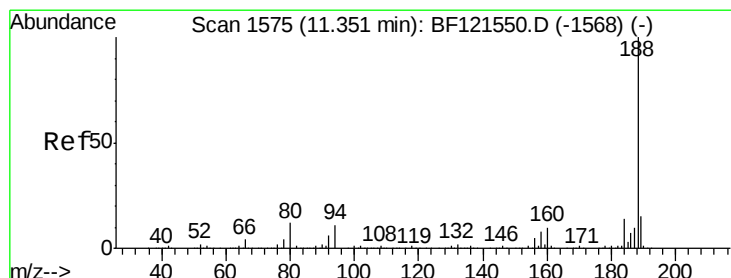
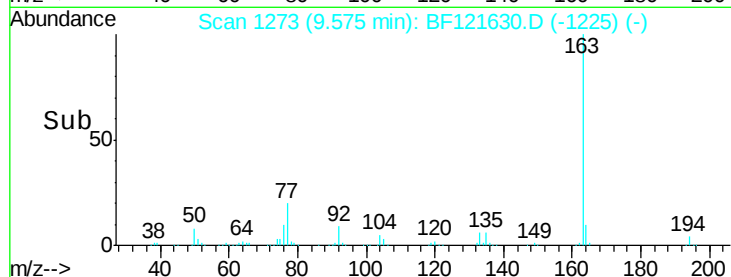
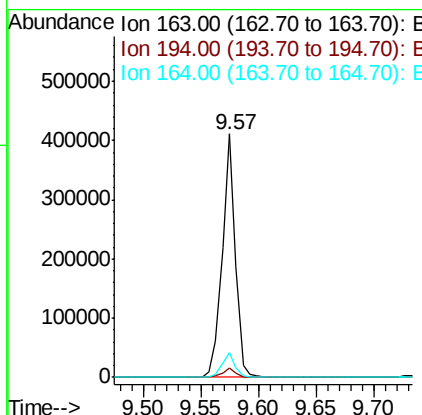
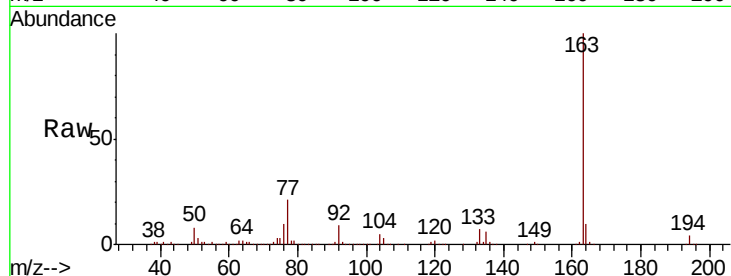




#50
Dimethylphthalate
Concen: 14.797 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

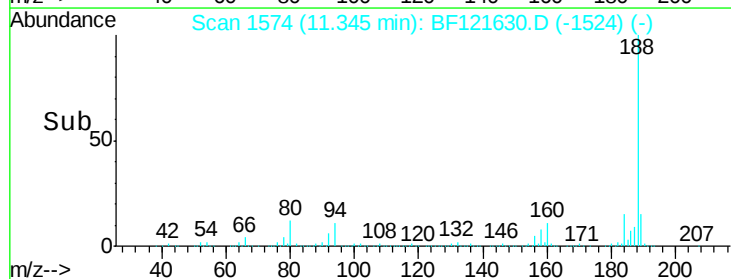
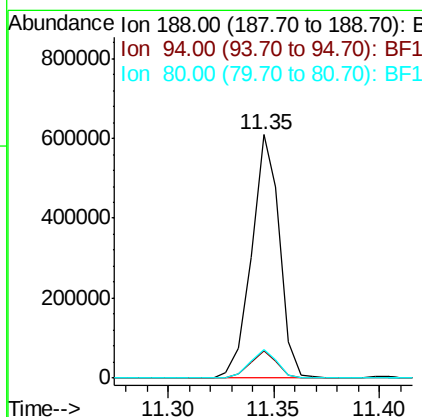
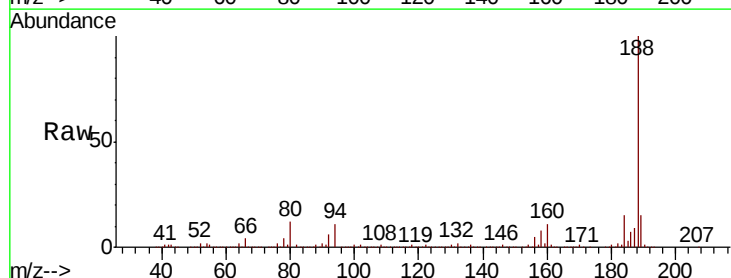
Instrument :
BNA_F
ClientSampled :
KTS-WC-L-01

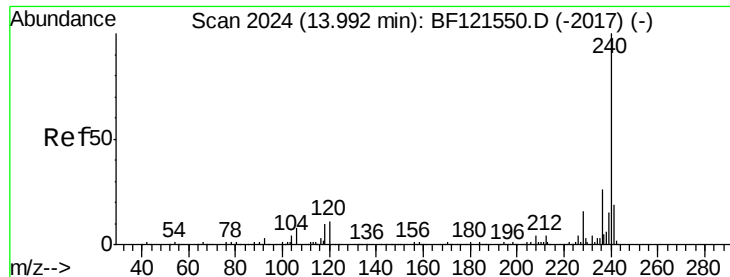
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.0	12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.4	12.6
80	11.8	9.0	13.4

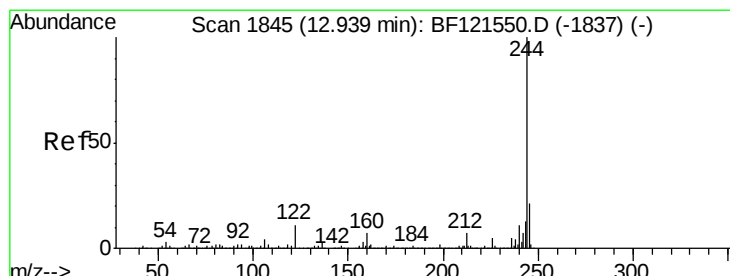
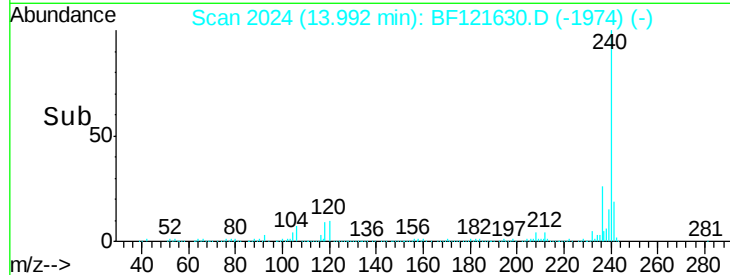
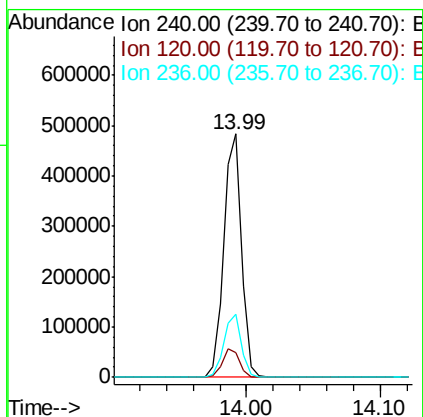
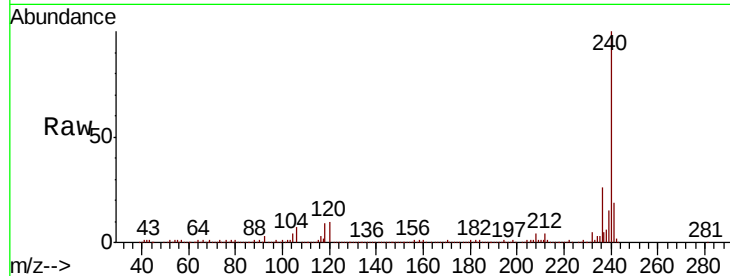




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

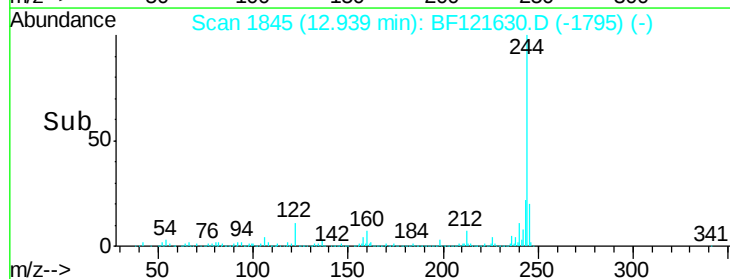
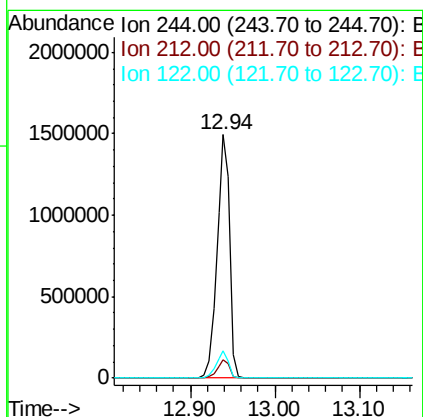
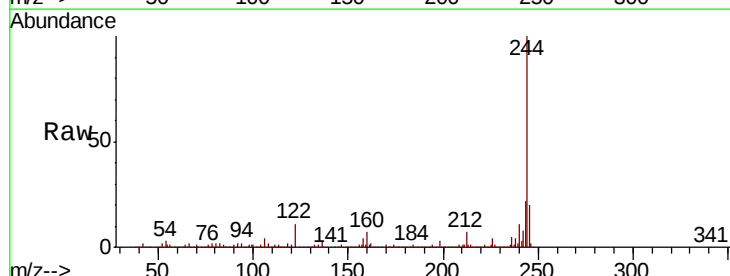
Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

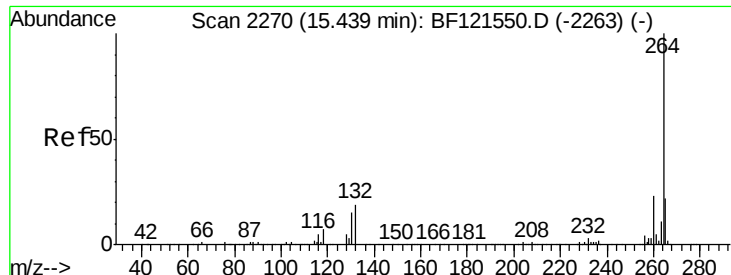
Tot Ion:240 Resp: 455054
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 70.170 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Tgt Ion:244 Resp: 1576153
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 11.1 7.4 11.0#

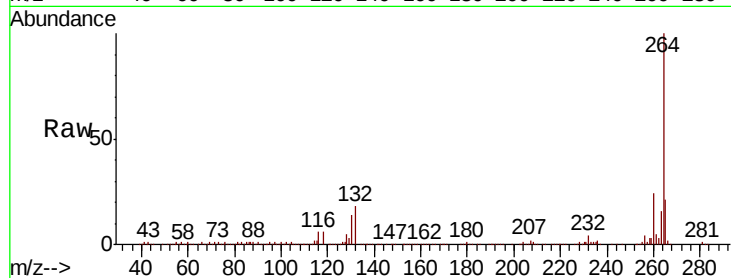




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF121630.D
Acq: 21 Sep 2020 17:04

Instrument :
BNA_F
ClientSampleId :
KTS-WC-L-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.5	17.3	25.9



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

