

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121009.D
 Acq On : 24 Jul 2020 18:18
 Operator : JU/CG
 Sample : L3402-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM

Quant Time: Jul 24 18:50:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

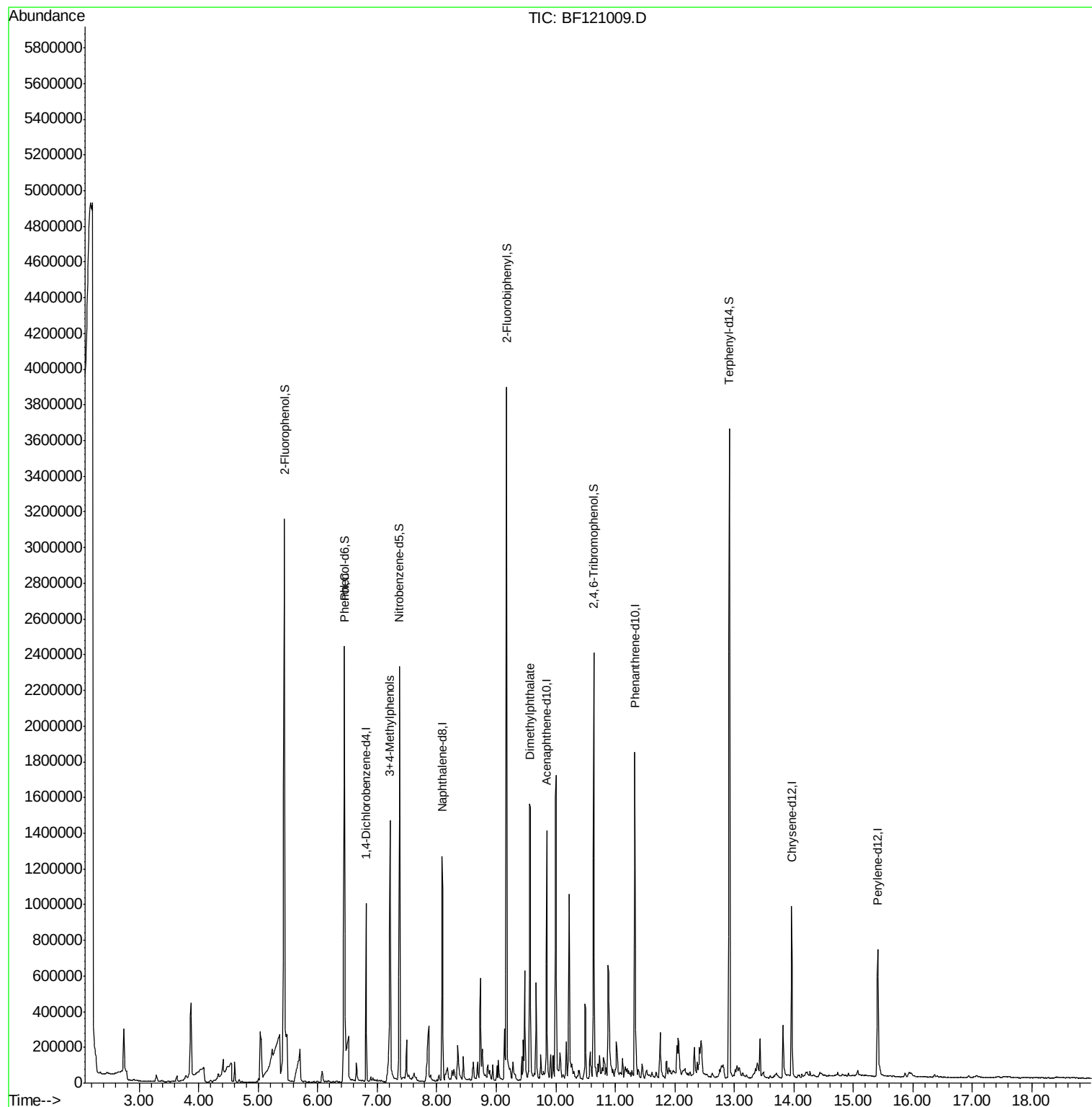
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	151252	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	555557	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	284828	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	483486	20.00	ng	0.00
76) Chrysene-d12	13.96	240	322826	20.00	ng	-0.01
86) Perylene-d12	15.41	264	364754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	964453	104.53	ng	0.02
7) Phenol-d6	6.45	99	1039909	87.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	825880	86.02	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	366299	117.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1459226	76.49	ng	0.00
79) Terphenyl-d14	12.92	244	1301623	87.65	ng	0.00
Target Compounds						
10) Phenol	6.46	94	92050	7.021	ng	95
20) 3+4-Methylphenols	7.22	107	313524	27.359	ng	# 67
50) Dimethylphthalate	9.57	163	614667	29.913	ng	100

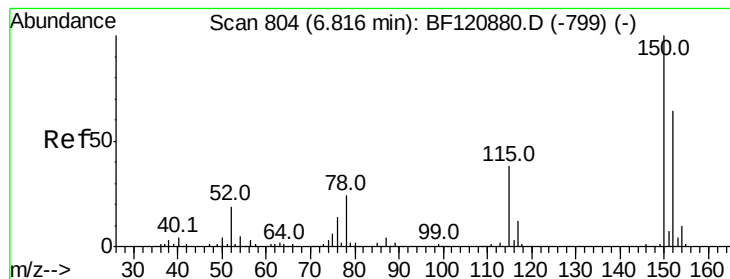
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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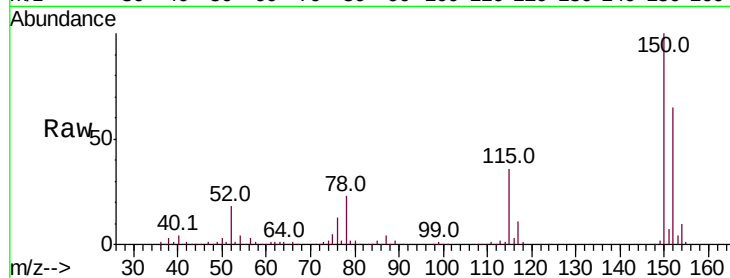


#1

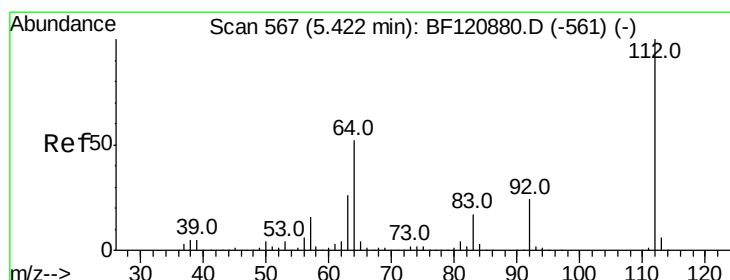
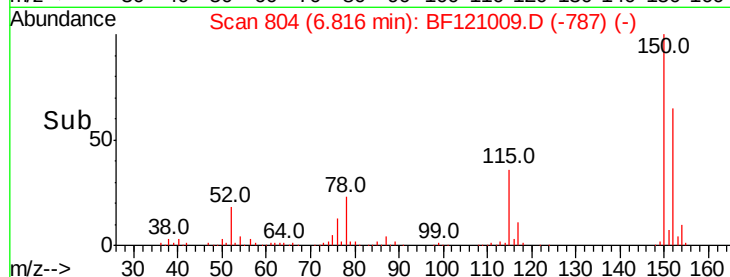
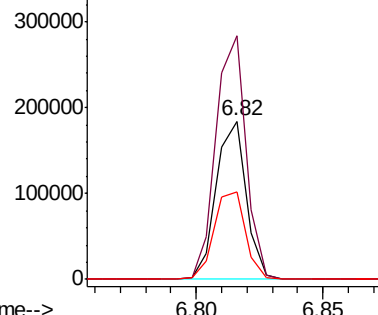
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121009.D
Acq: 24 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM

Tot Ion:152 Resp: 151252
Ion Ratio Lower Upper
152 100
150 153.7 125.0 187.6
115 55.0 47.0 70.4



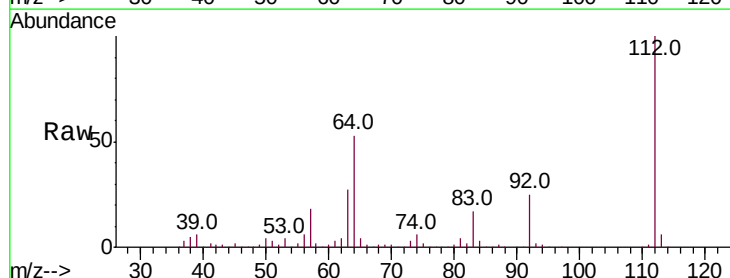
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



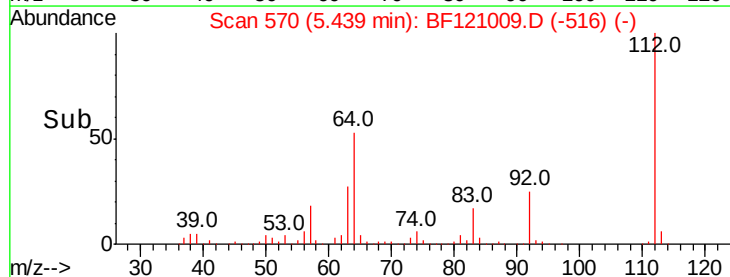
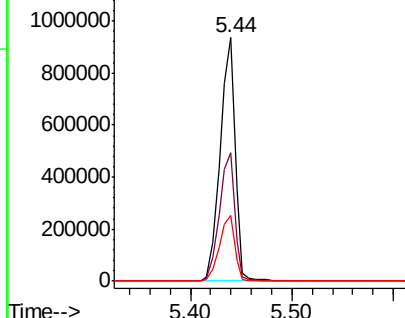
#5

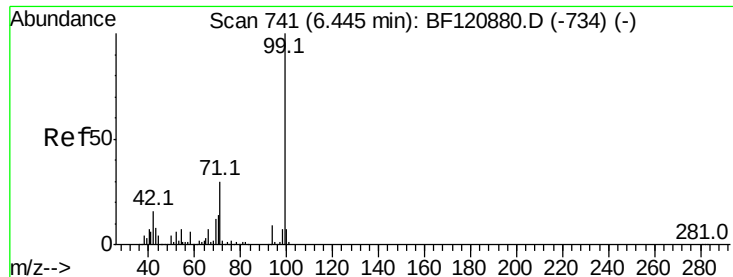
2-Fluorophenol
Concen: 104.533 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121009.D
Acq: 24 Jul 2020 18:18

Tgt Ion:112 Resp: 964453
Ion Ratio Lower Upper
112 100
64 52.9 41.3 61.9
63 26.9 21.1 31.7



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: 87.255 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121009.D

Acq: 24 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM

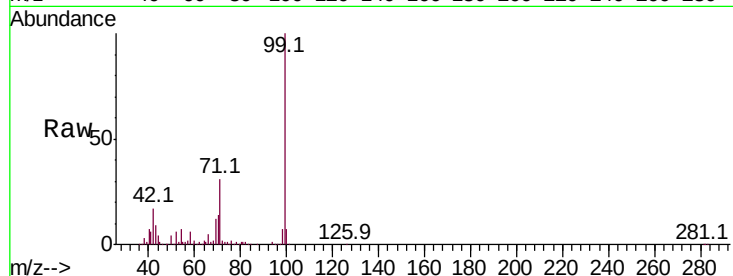
Tot Ion: 99 Resp: 1039909

Ion Ratio Lower Upper

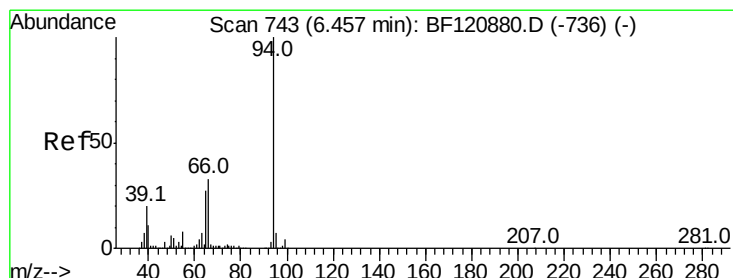
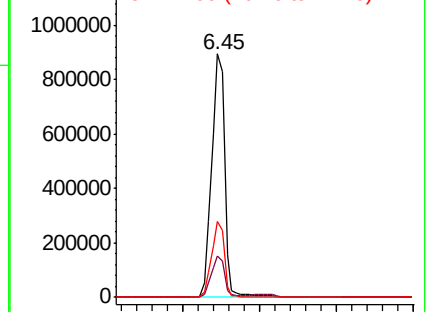
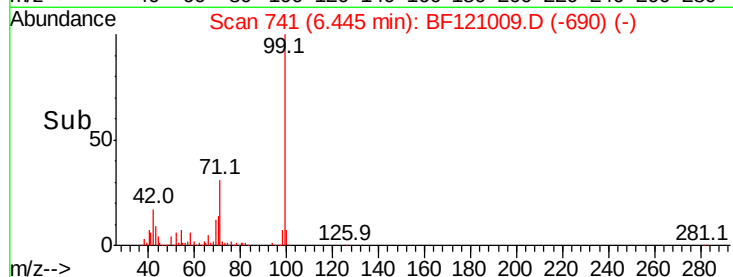
99 100

42 17.2 13.1 19.7

71 31.0 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.021 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121009.D

Acq: 24 Jul 2020 18:18

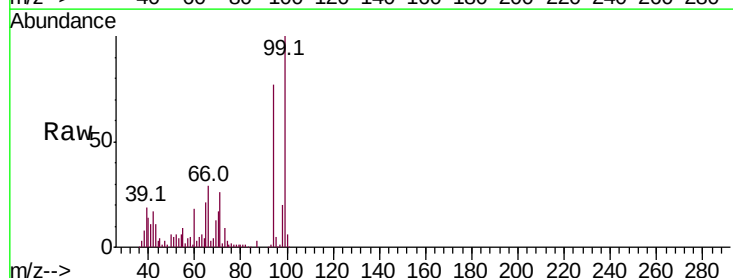
Tgt Ion: 94 Resp: 92050

Ion Ratio Lower Upper

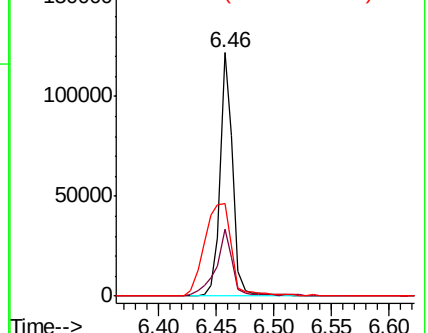
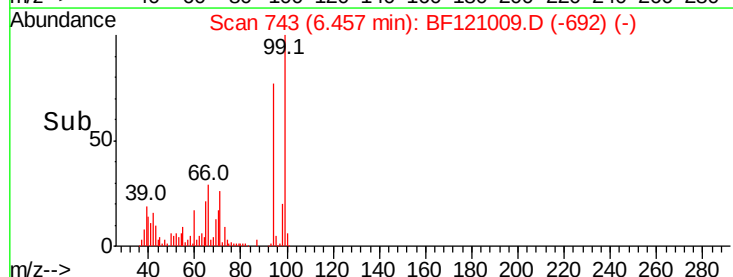
94 100

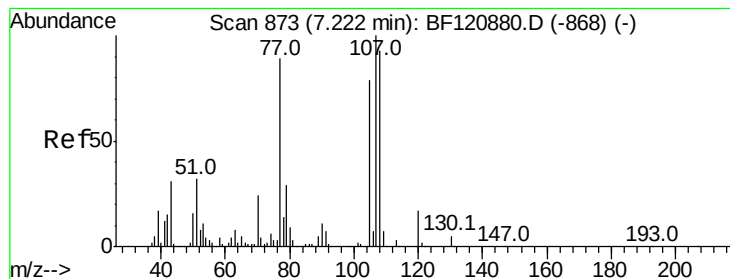
65 27.4 6.6 46.6

66 37.9 13.2 53.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
150000
Ion 65.00 (64.70 to 65.70): BF1
100000
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 27.359 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF121009.D

Acq: 24 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM

Tot Ion:107 Resp: 313524

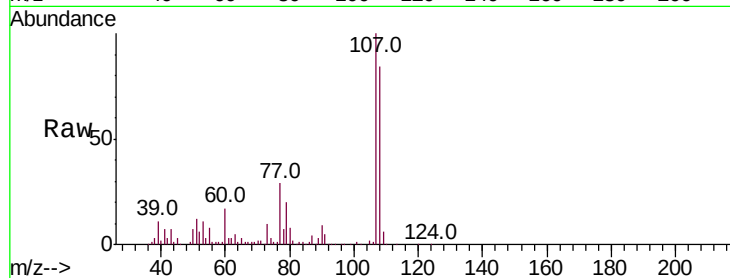
Ion Ratio Lower Upper

107 100

108 84.1 72.8 112.8

77 29.3 68.7 108.7#

79 20.1 8.5 48.5

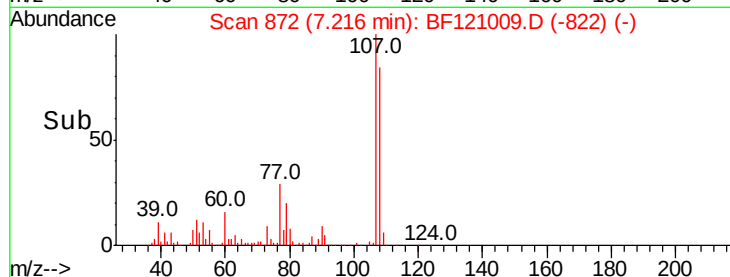


Abundance Ion 107.00 (106.70 to 107.70): E

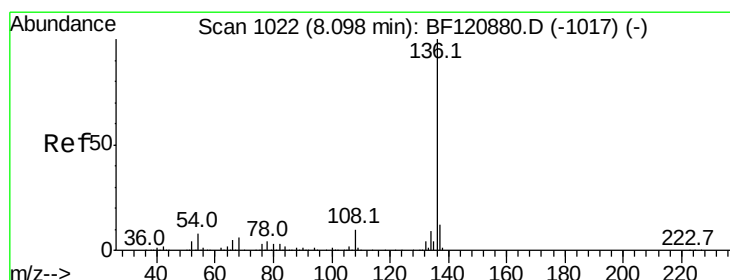
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time--> 7.15 7.20 7.25 7.30



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121009.D

Acq: 24 Jul 2020 18:18

Tgt Ion:136 Resp: 555557

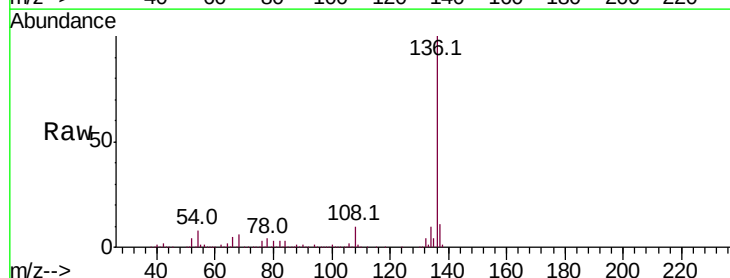
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.6 6.3 9.5

68 6.0 5.0 7.4

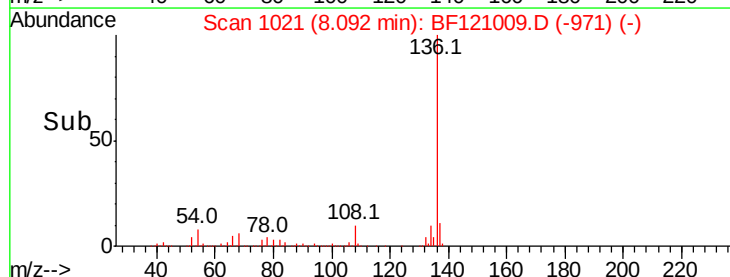


Abundance Ion 136.00 (135.70 to 136.70): E

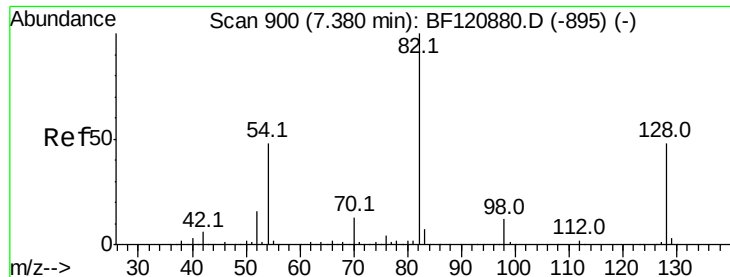
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



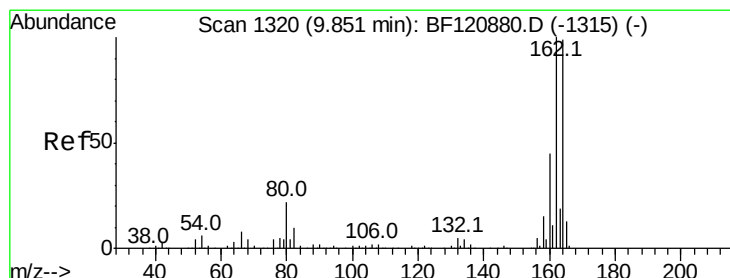
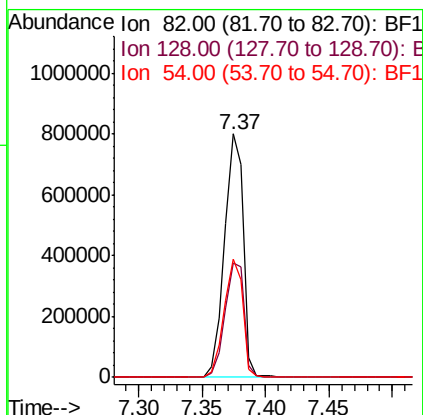
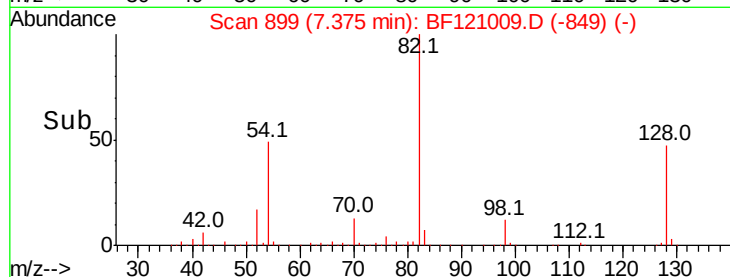
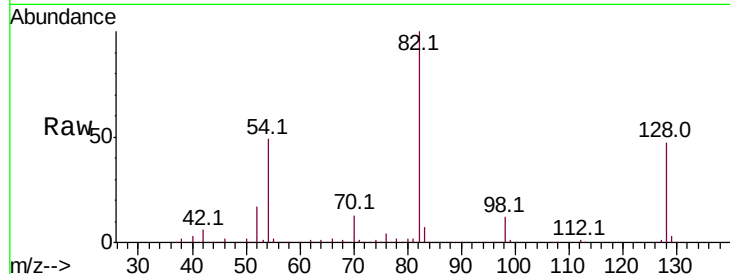
Time--> 8.05 8.10 8.15



#23
 Nitrobenzene-d5
 Concen: 86.018 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121009.D
 Acq: 24 Jul 2020 18:18

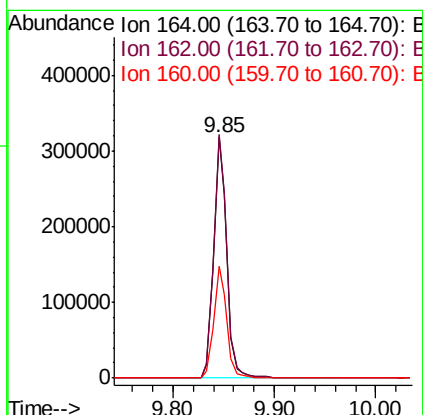
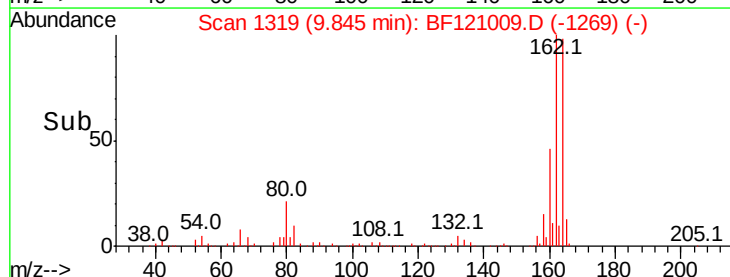
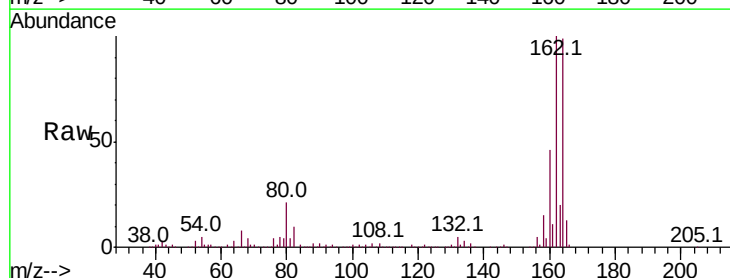
Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM

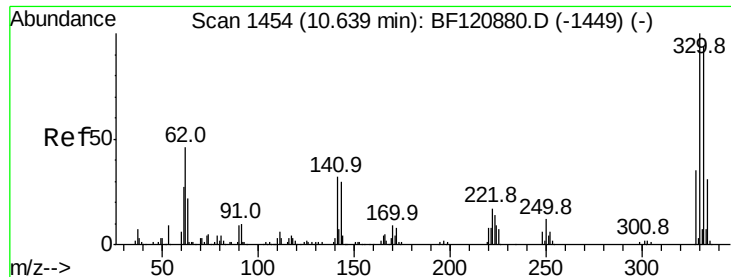
Tot Ion: 82 Resp: 825880
 Ion Ratio Lower Upper
 82 100
 128 47.1 38.2 57.4
 54 48.6 38.7 58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121009.D
 Acq: 24 Jul 2020 18:18

Tgt Ion:164 Resp: 284828
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.2 121.8
 160 46.5 36.9 55.3

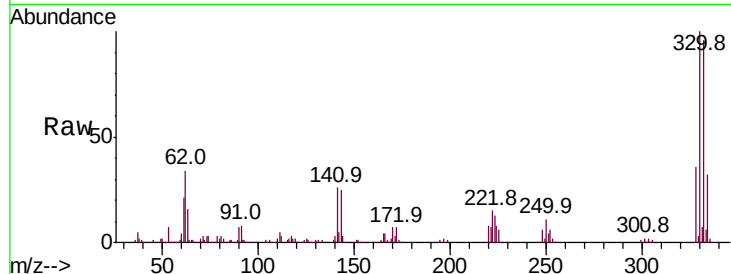




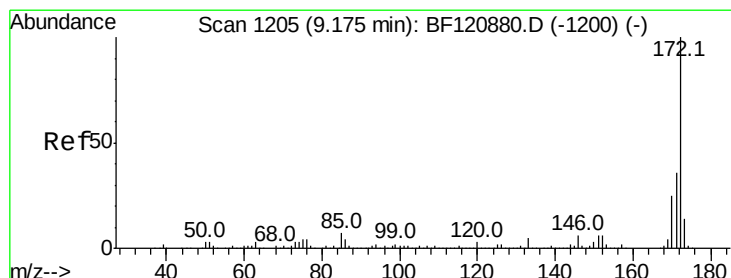
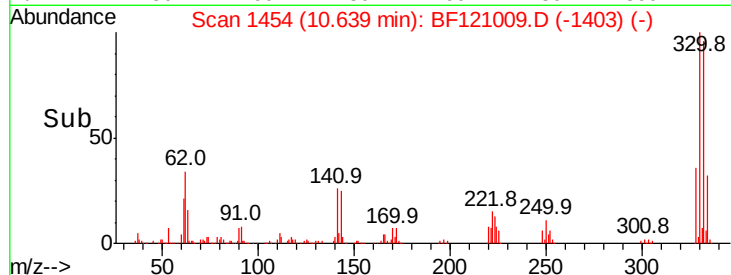
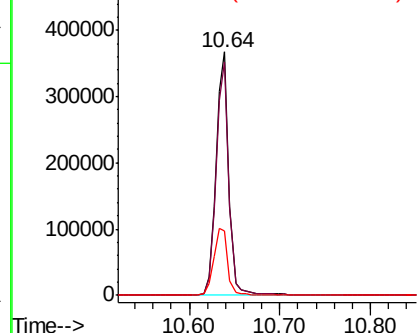
#42
 2,4,6-Tribromophenol
 Concen: 117.489 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121009.D
 Acq: 24 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.5	113.3
141	30.3	25.7	38.5

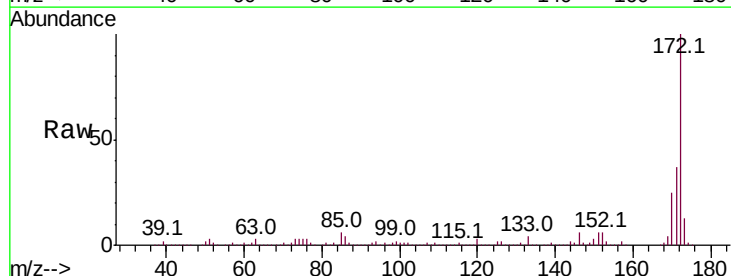


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

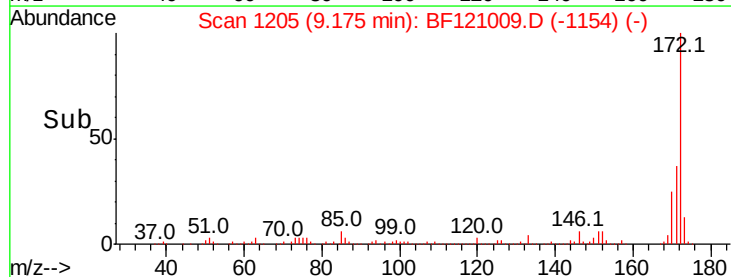
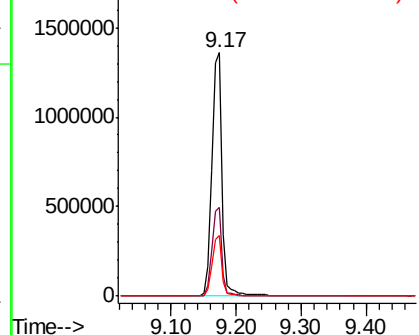


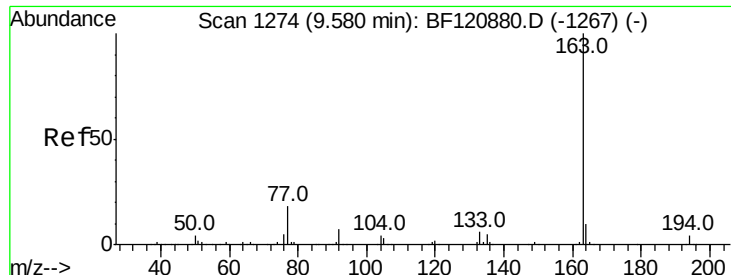
#45
 2-Fluorobiphenyl
 Concen: 76.491 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121009.D
 Acq: 24 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.7	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





#50

Dimethylphthalate

Concen: 29.913 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF121009.D

Acq: 24 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM

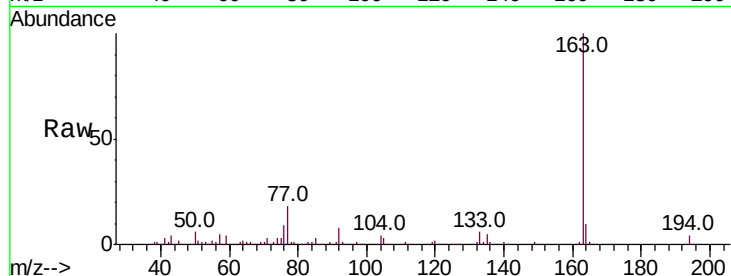
Tot Ion:163 Resp: 614667

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

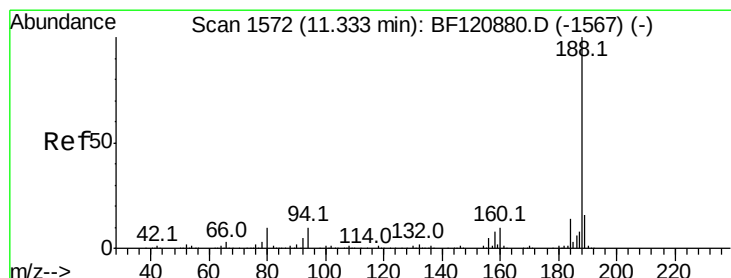
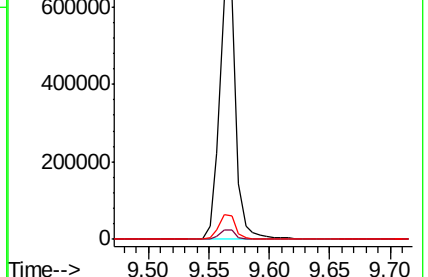
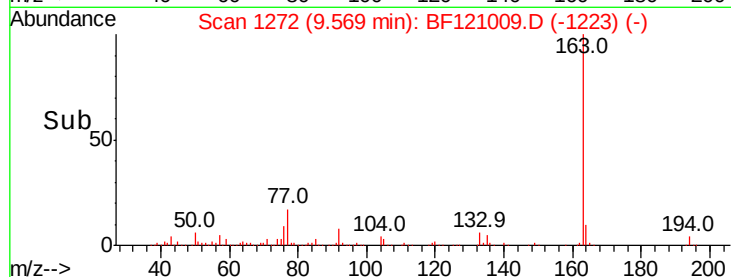
164 9.7 7.9 11.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121009.D

Acq: 24 Jul 2020 18:18

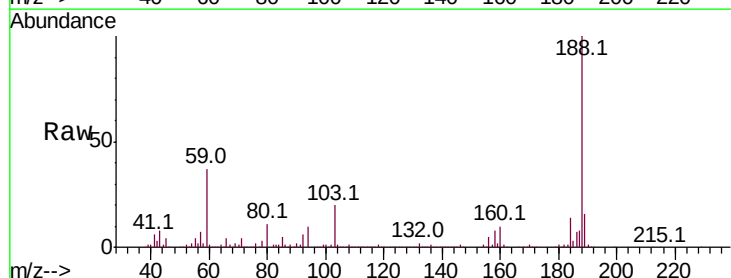
Tgt Ion:188 Resp: 483486

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

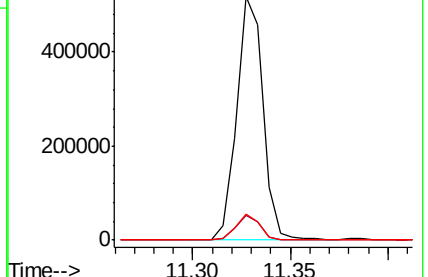
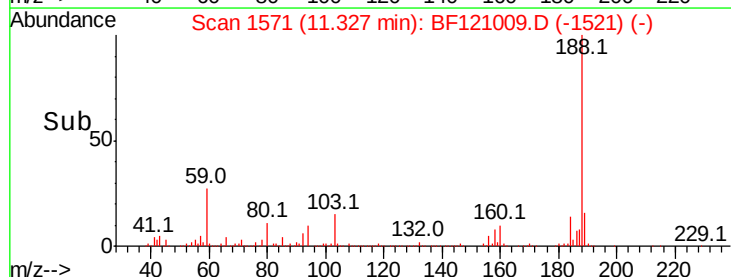
80 10.5 8.3 12.5

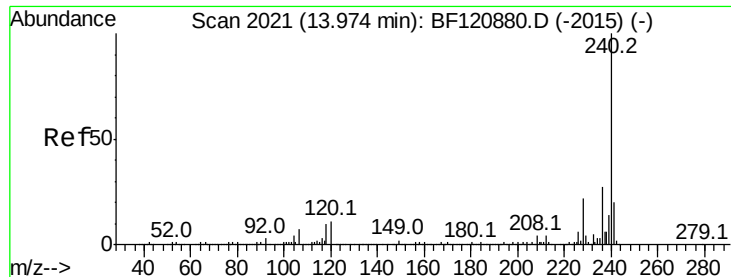


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

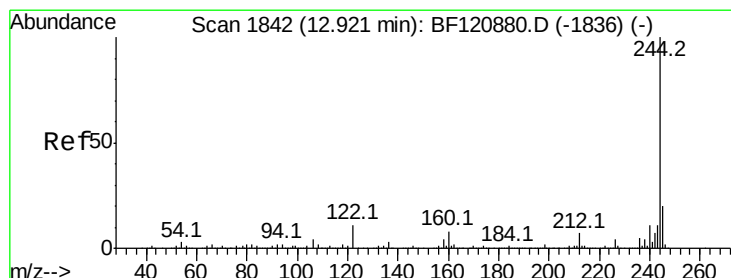
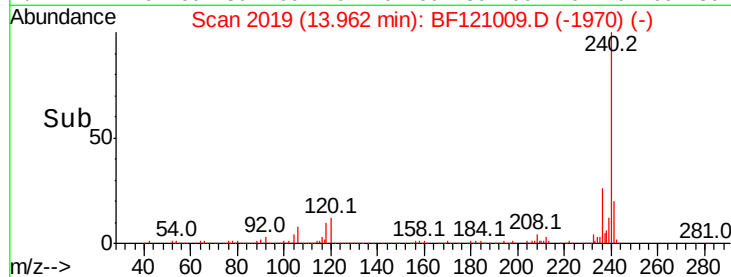
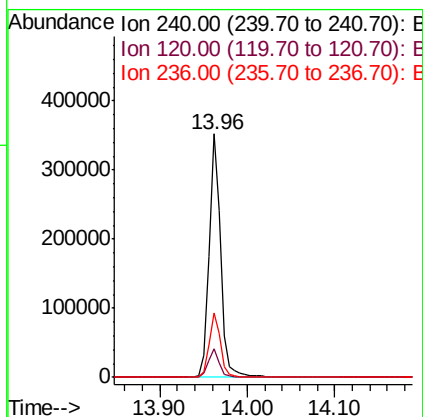
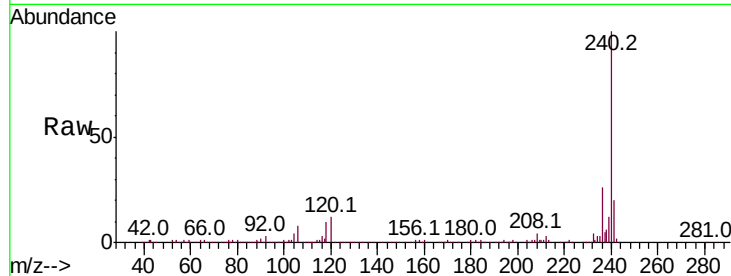




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121009.D
Acq: 24 Jul 2020 18:18

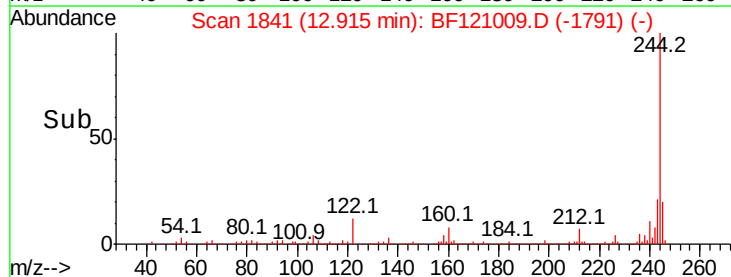
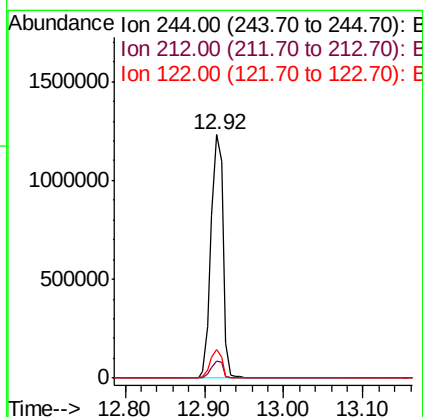
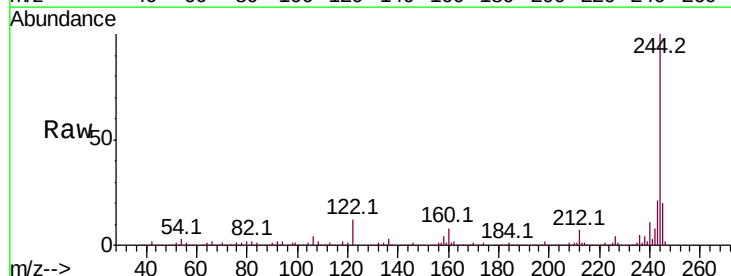
Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM

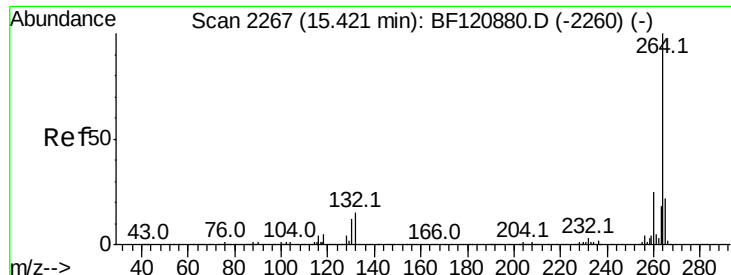
Tot Ion:240 Resp: 322826
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 26.4 21.7 32.5



#79
Terphenyl-d14
Concen: 87.646 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121009.D
Acq: 24 Jul 2020 18:18

Tgt Ion:244 Resp: 1301623
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.7 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF121009.D
 Acq: 24 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM

Tot Ion:264	Resp:	364754
Ion	Ratio	Lower Upper
264	100	
260	23.9	20.0 30.0
265	21.3	17.4 26.2

