

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121007.D
 Acq On : 24 Jul 2020 17:17
 Operator : JU/CG
 Sample : L3402-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Jul 24 18:04:22 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

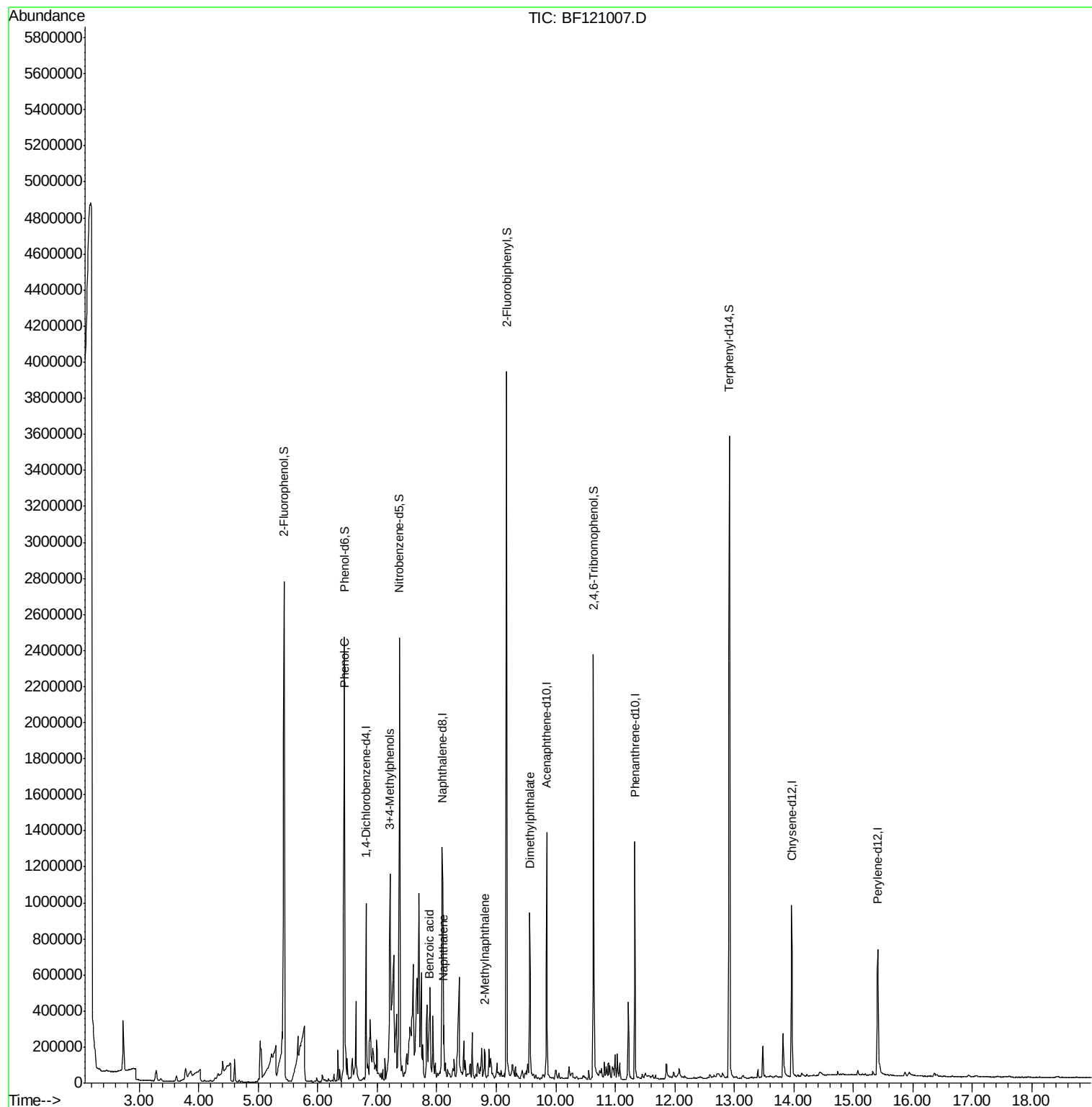
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149022	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	567164	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	290882	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	515416	20.00	ng	0.00
76) Chrysene-d12	13.96	240	333846	20.00	ng	-0.01
86) Perylene-d12	15.41	264	363936	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	932462	102.58	ng	0.01
7) Phenol-d6	6.45	99	1016149	86.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	806462	82.28	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	372008	116.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1417854	72.78	ng	0.00
79) Terphenyl-d14	12.92	244	1333275	86.81	ng	0.00
Target Compounds						
10) Phenol	6.46	94	32069	2.483	ng	94
20) 3+4-Methylphenols	7.22	107	225466	19.969	ng	# 67
31) Naphthalene	8.12	128	71020	2.441	ng	98
32) Benzoic acid	7.87	122	50160	8.203	ng	93
37) 2-Methylnaphthalene	8.80	142	39007	2.065	ng	97
50) Dimethylphthalate	9.56	163	359446	17.128	ng	99

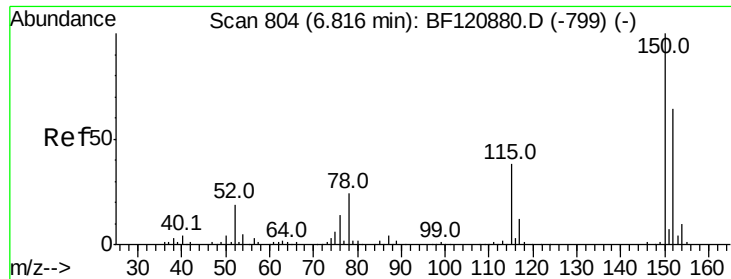
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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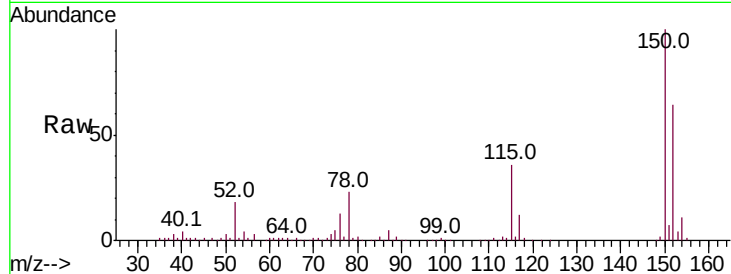


#1

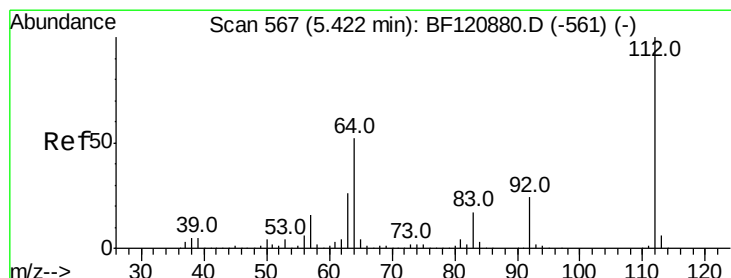
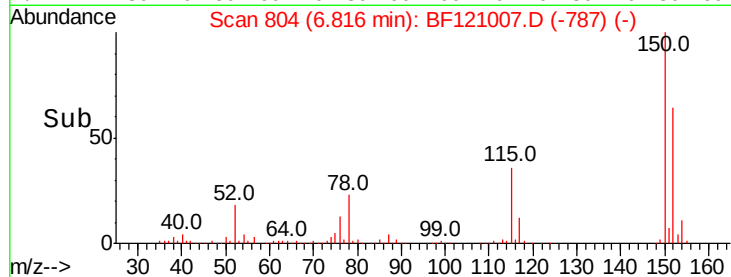
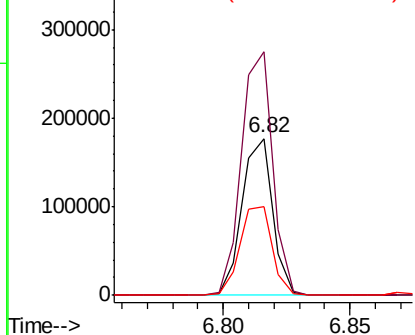
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion:152 Resp: 149022
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.6
115 56.5 47.0 70.4



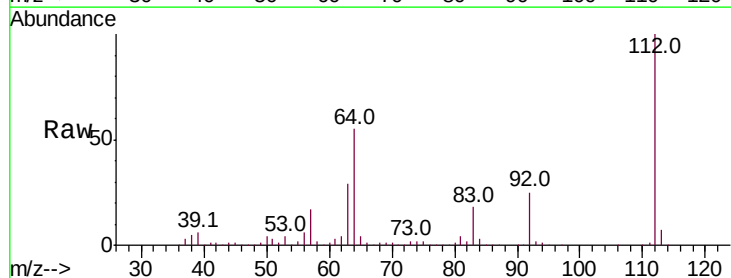
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



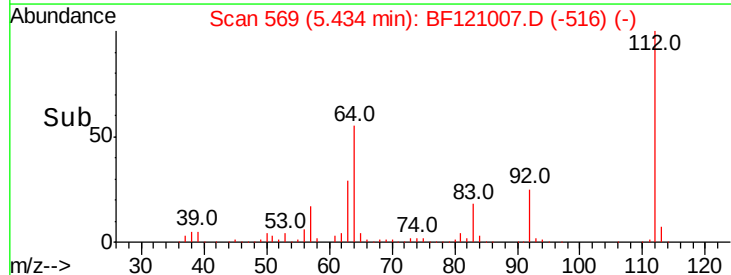
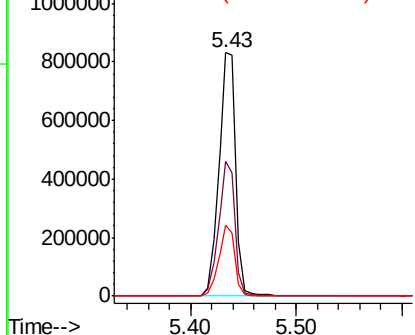
#5

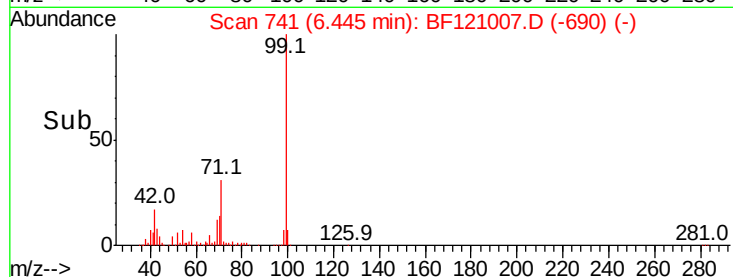
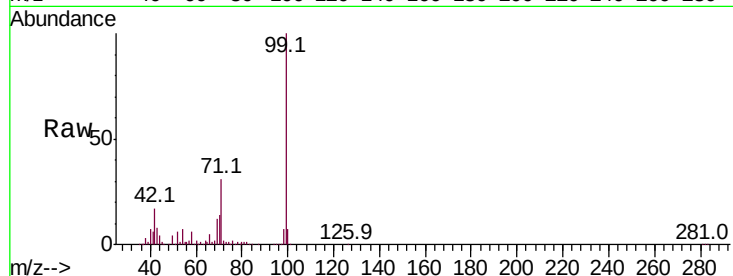
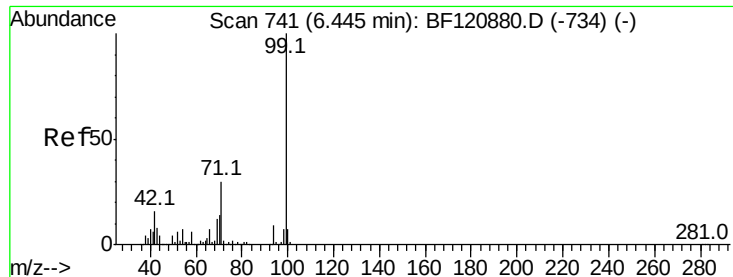
2-Fluorophenol
Concen: 102.578 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:112 Resp: 932462
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.8 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: 86.537 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121007.D

Acq: 24 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

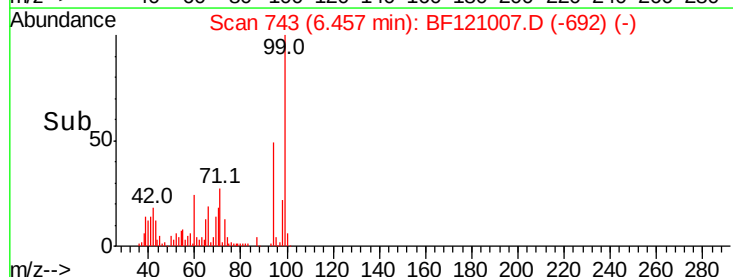
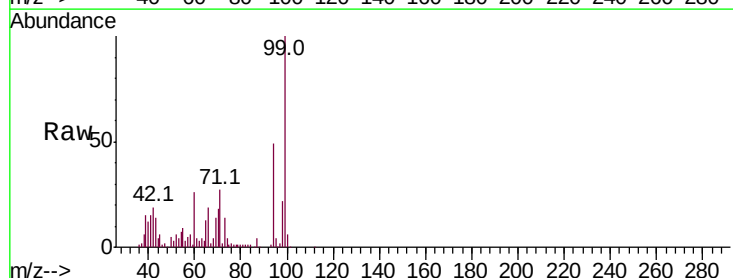
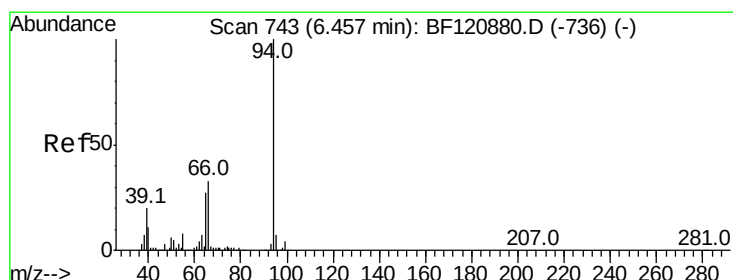
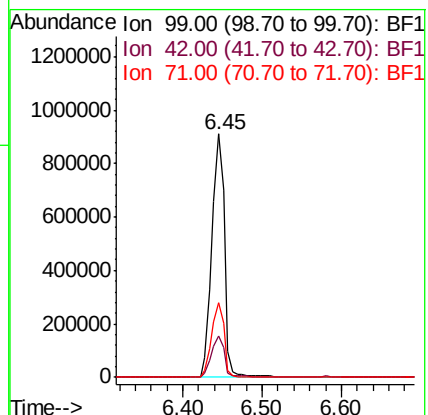
Tot Ion: 99 Resp: 1016149

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 30.7 24.2 36.4



#10

Phenol

Concen: 2.483 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121007.D

Acq: 24 Jul 2020 17:17

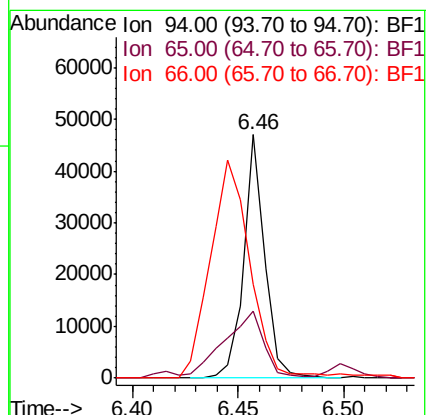
Tgt Ion: 94 Resp: 32069

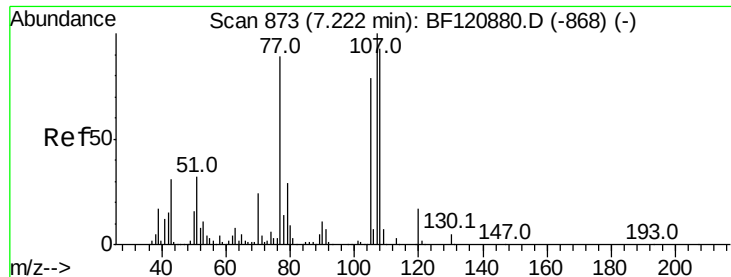
Ion Ratio Lower Upper

94 100

65 27.4 6.6 46.6

66 38.8 13.2 53.2





#20

3+4-Methylphenols

Concen: 19.969 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF121007.D

Acq: 24 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

Tot Ion:107 Resp: 225466

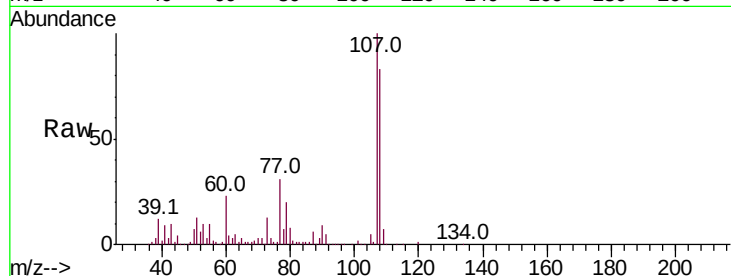
Ion Ratio Lower Upper

107 100

108 83.1 72.8 112.8

77 30.7 68.7 108.7#

79 20.1 8.5 48.5

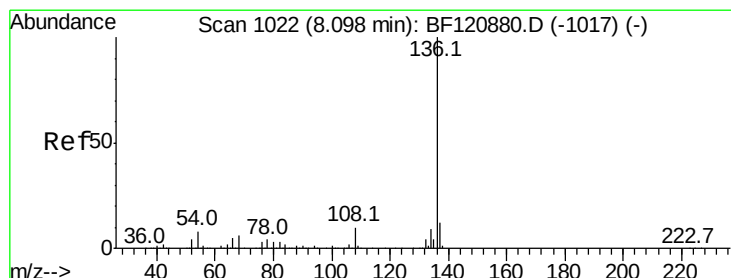
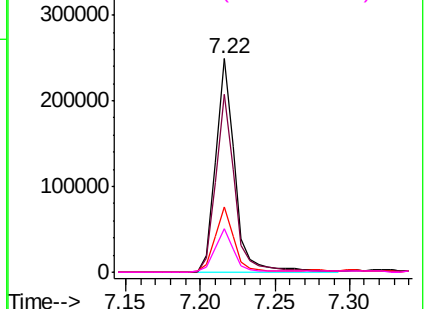
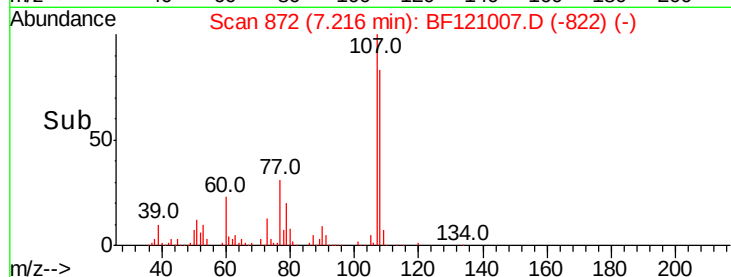


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121007.D

Acq: 24 Jul 2020 17:17

Tgt Ion:136 Resp: 567164

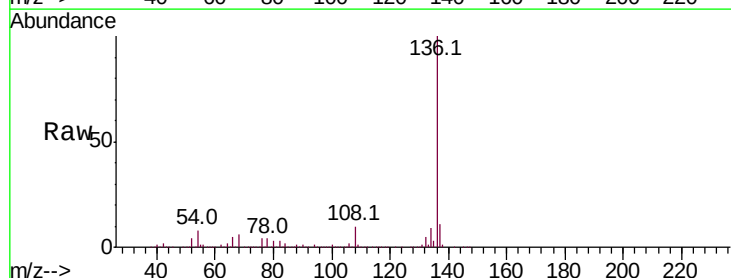
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.7 6.3 9.5

68 6.2 5.0 7.4

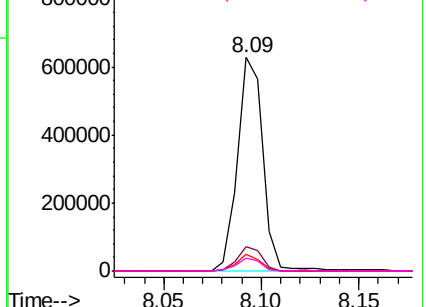
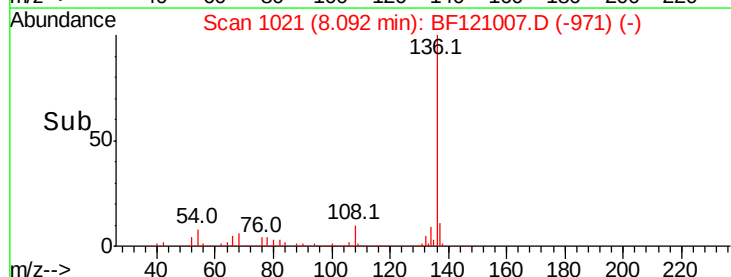


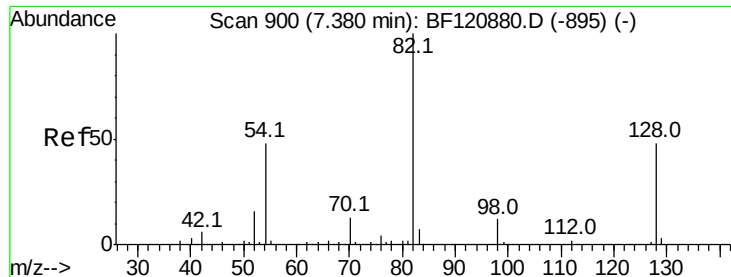
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 82.277 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121007.D

Acq: 24 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

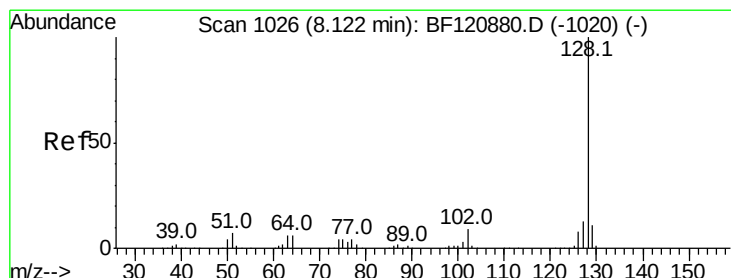
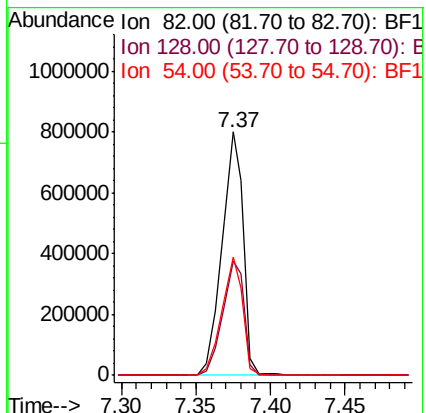
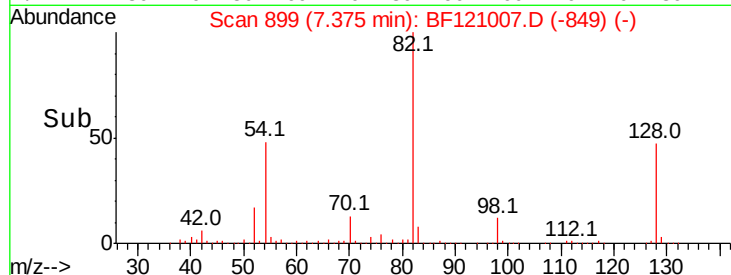
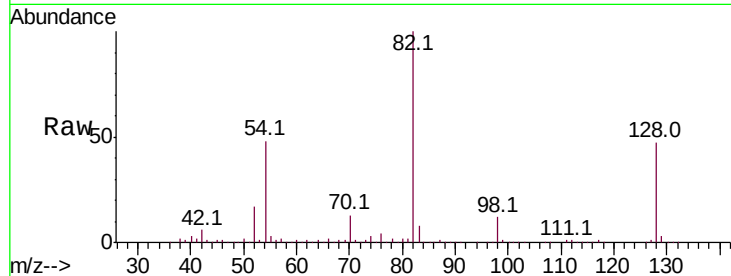
Tot Ion: 82 Resp: 806462

Ion Ratio Lower Upper

82 100

128 46.7 38.2 57.4

54 48.4 38.7 58.1



#31

Naphthalene

Concen: 2.441 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121007.D

Acq: 24 Jul 2020 17:17

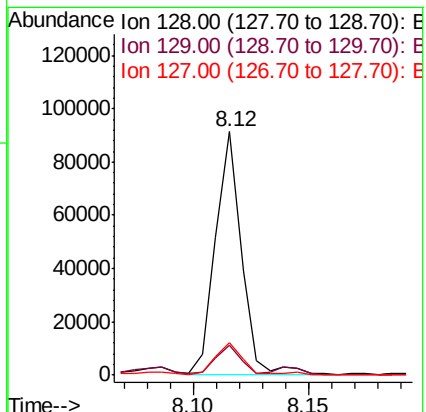
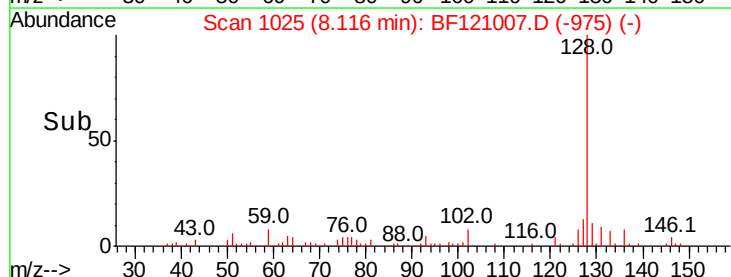
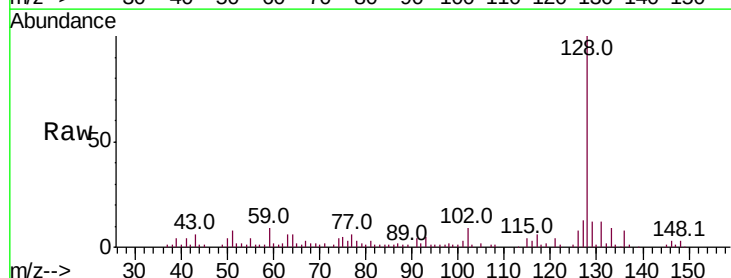
Tgt Ion: 128 Resp: 71020

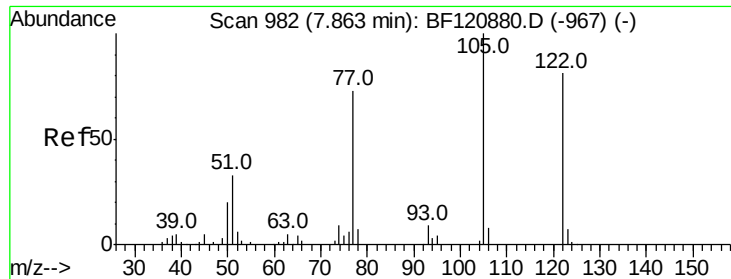
Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

127 13.1 10.7 16.1

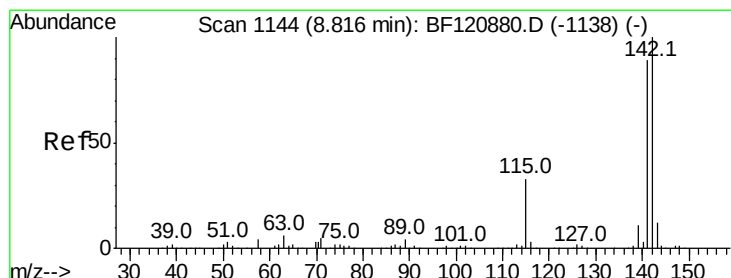
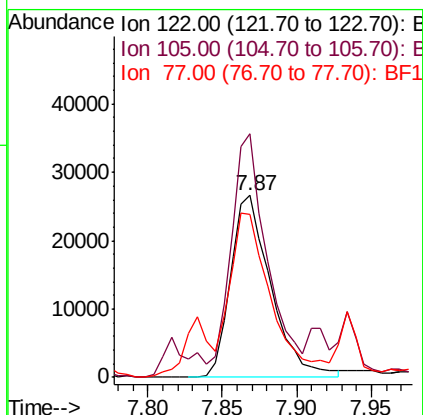
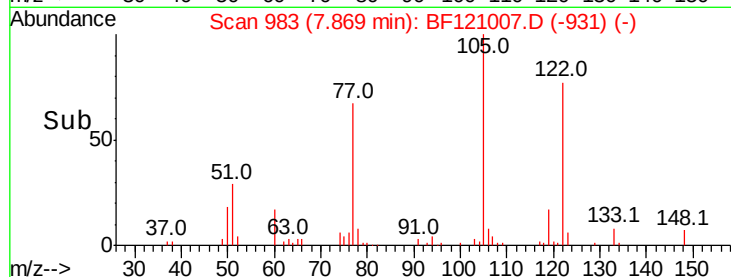
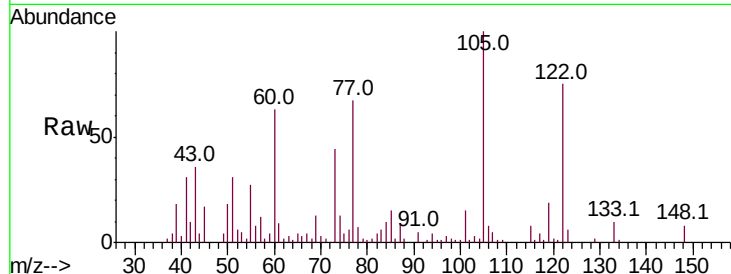




#32
Benzoic acid
Concen: 8.203 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

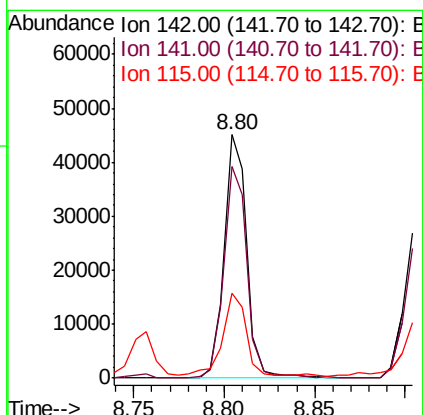
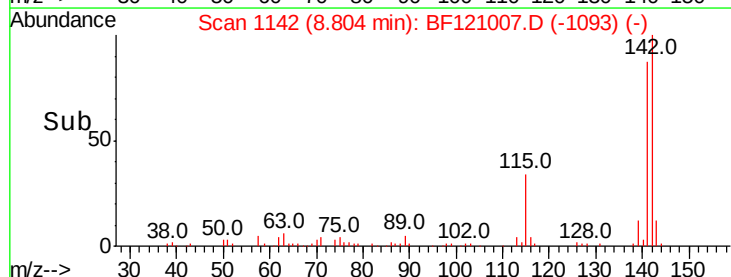
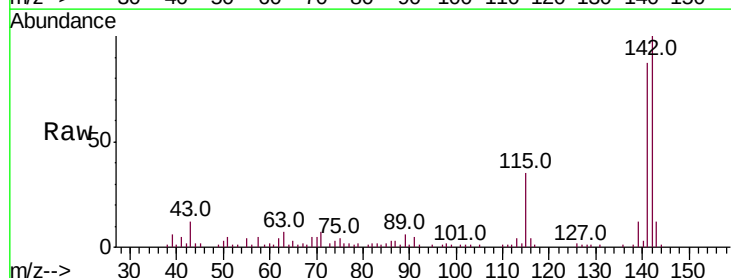
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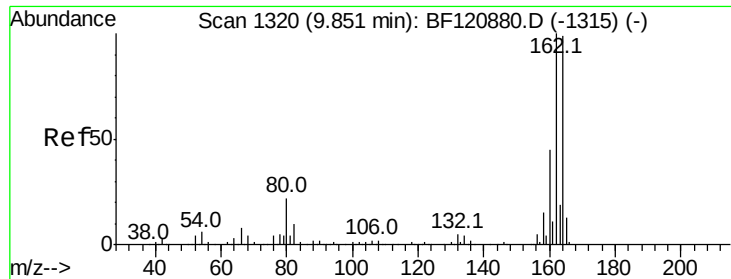
Tot Ion:122 Resp: 50160
Ion Ratio Lower Upper
122 100
105 133.7 101.3 141.3
77 89.7 69.1 109.1



#37
2-Methylnaphthalene
Concen: 2.065 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:142 Resp: 39007
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.4
115 35.0 26.0 39.0

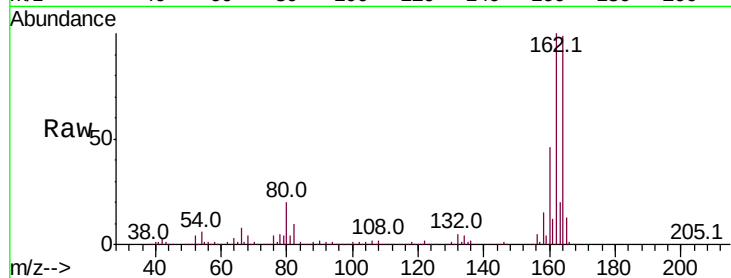




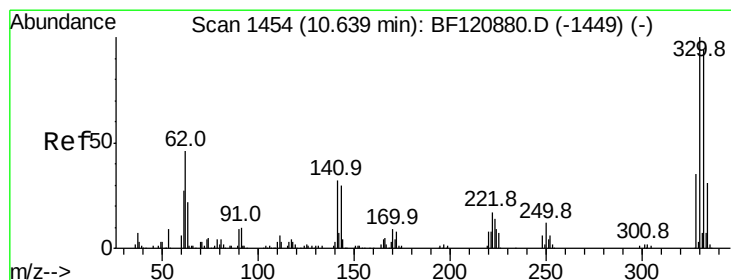
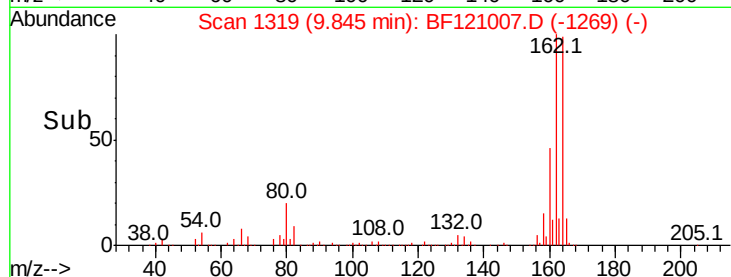
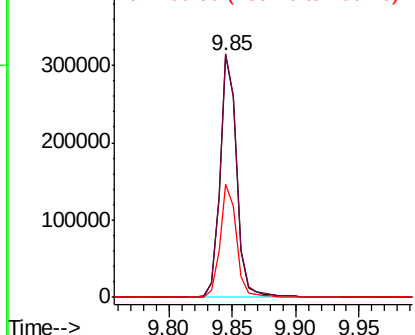
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion:164 Resp: 290882
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 46.7 36.9 55.3

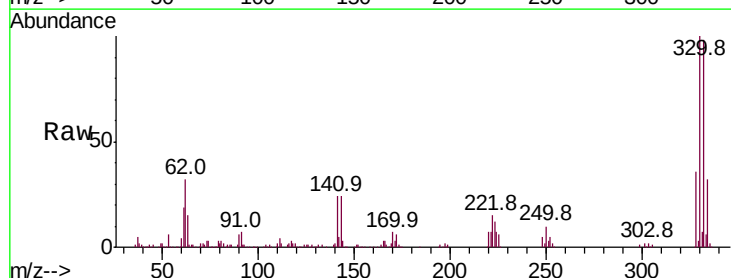


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

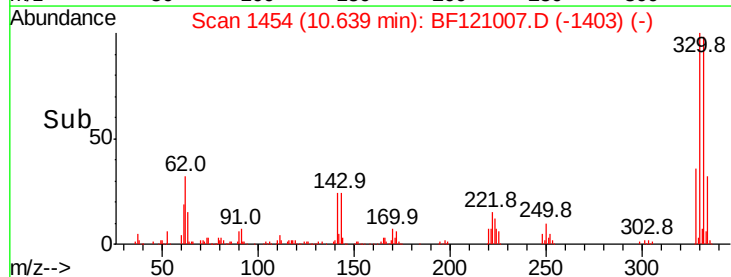
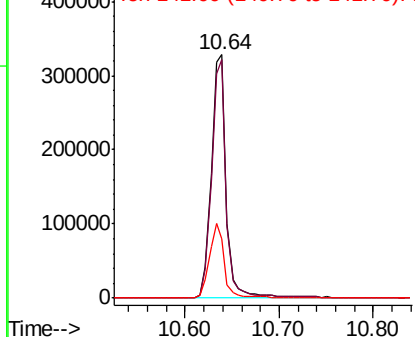


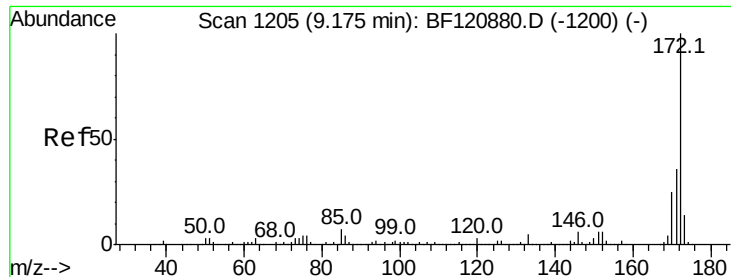
#42
2,4,6-Tribromophenol
Concen: 116.837 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:330 Resp: 372008
Ion Ratio Lower Upper
330 100
332 96.5 75.5 113.3
141 31.2 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



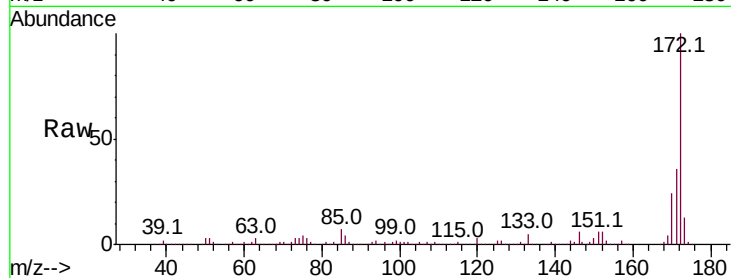


#45
 2-Fluorobiphenyl
 Concen: 72.776 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121007.D
 Acq: 24 Jul 2020 17:17

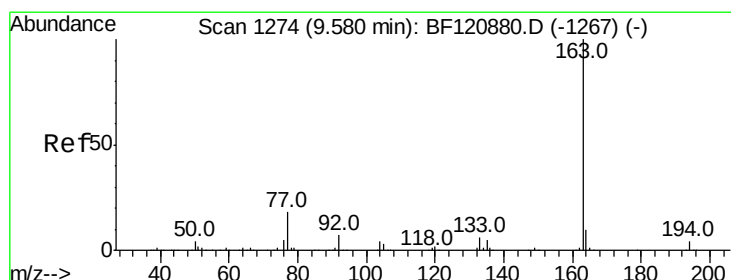
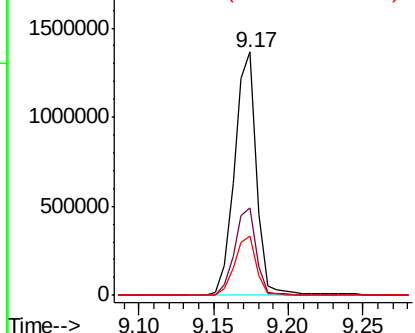
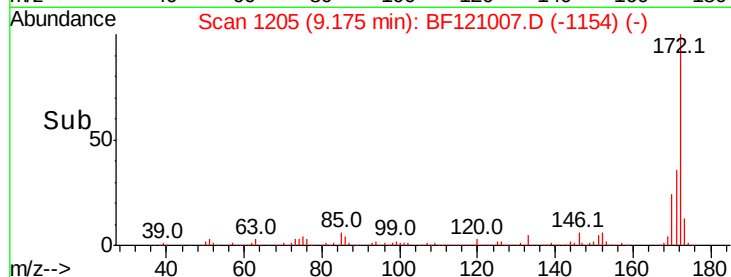
Instrument :
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Tot Ion:172 Resp: 1417854

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.6	29.4



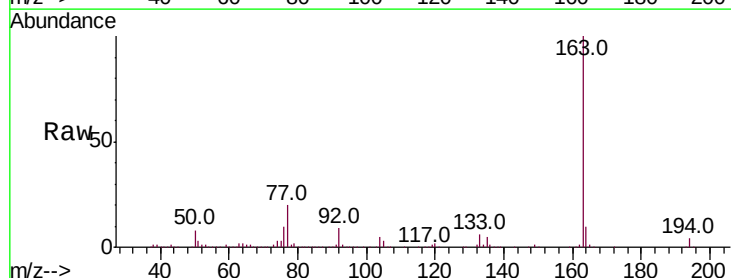
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



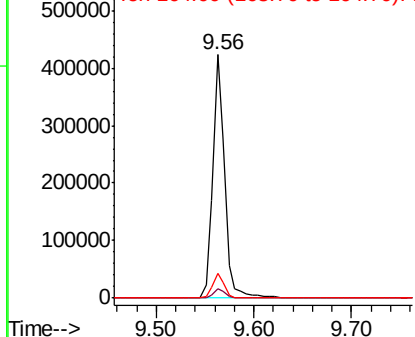
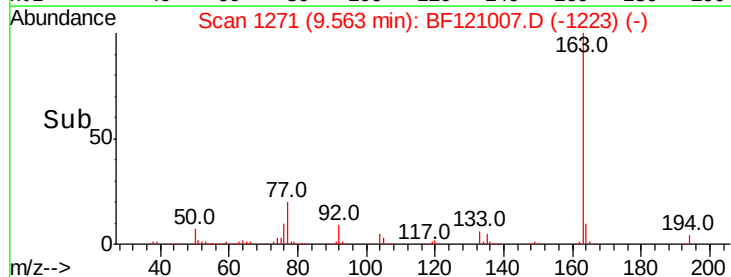
#50
 Dimethylphthalate
 Concen: 17.128 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF121007.D
 Acq: 24 Jul 2020 17:17

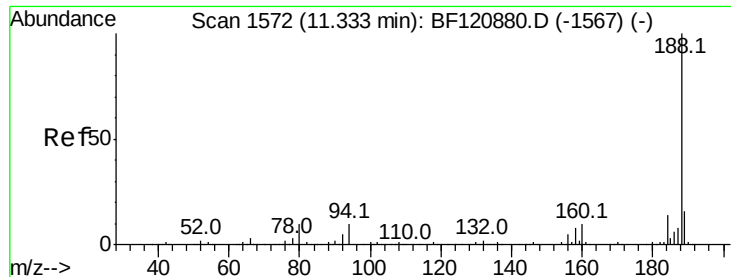
Tgt Ion:163 Resp: 359446

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	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

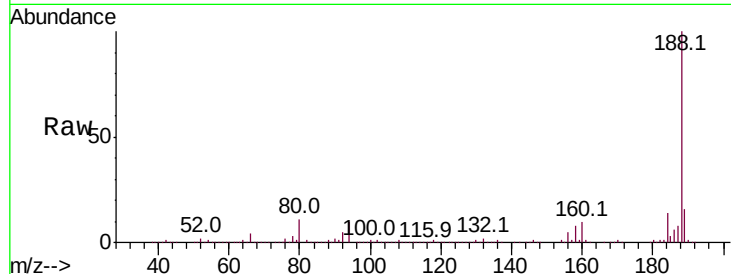




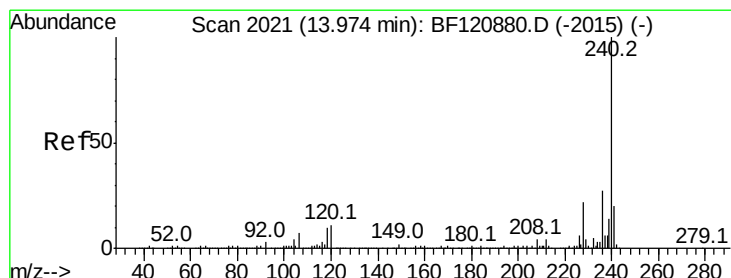
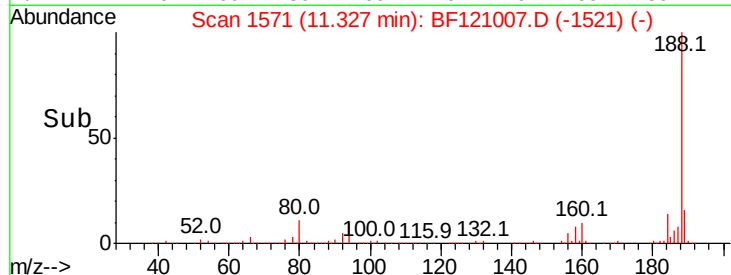
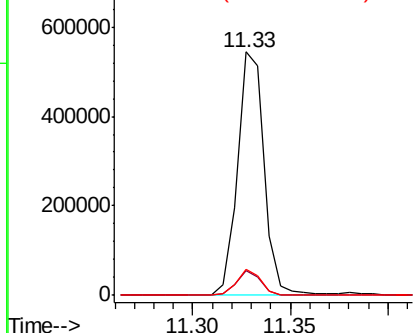
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :
CHASSIE-WASH

Tot Ion:188 Resp: 515416
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.9 8.3 12.5

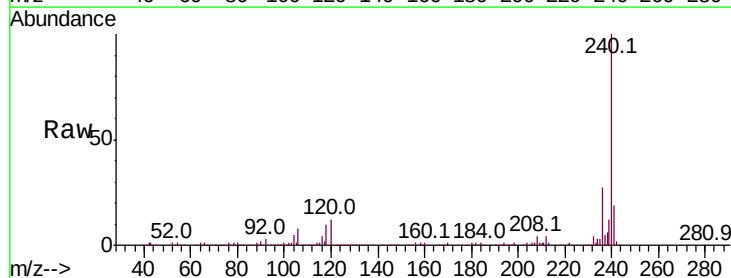


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

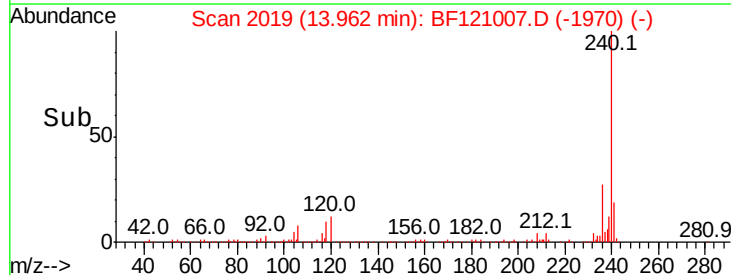
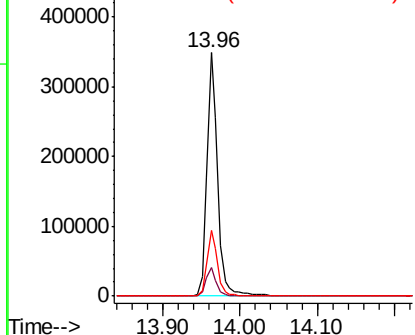


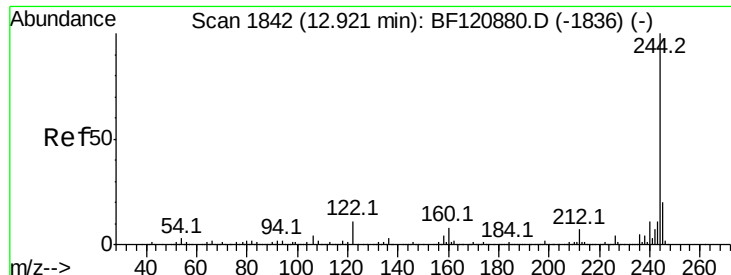
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:240 Resp: 333846
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 26.8 21.7 32.5



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

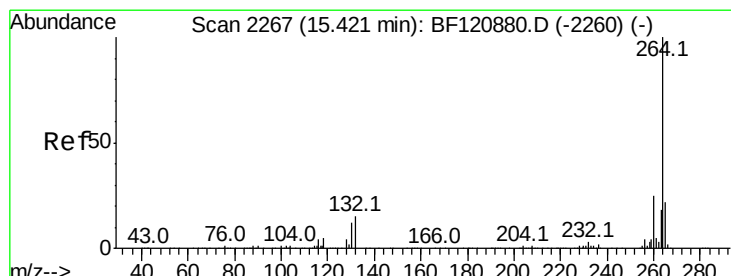
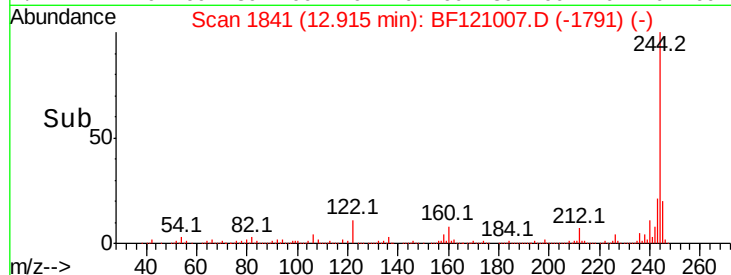
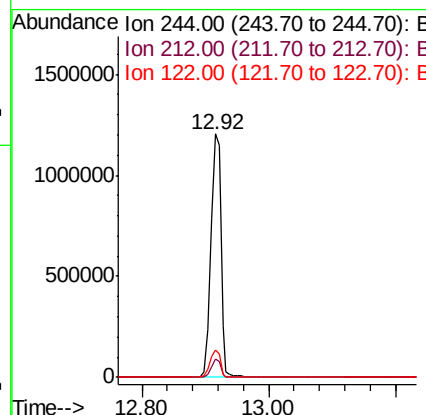
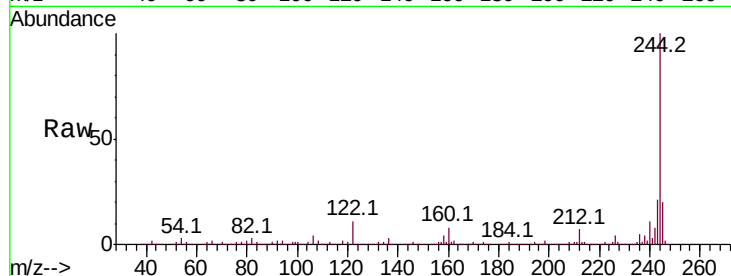




#79
 Terphenyl-d14
 Concen: 86.814 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121007.D
 Acq: 24 Jul 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH

Tot Ion:244 Resp: 1333275
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.4 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF121007.D
 Acq: 24 Jul 2020 17:17

Tgt Ion:264 Resp: 363936
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 22.1 17.4 26.2

