

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119781.D
 Acq On : 6 Apr 2020 20:22
 Operator : MA/SJ
 Sample : L2144-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM

Quant Time: Apr 07 08:43:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

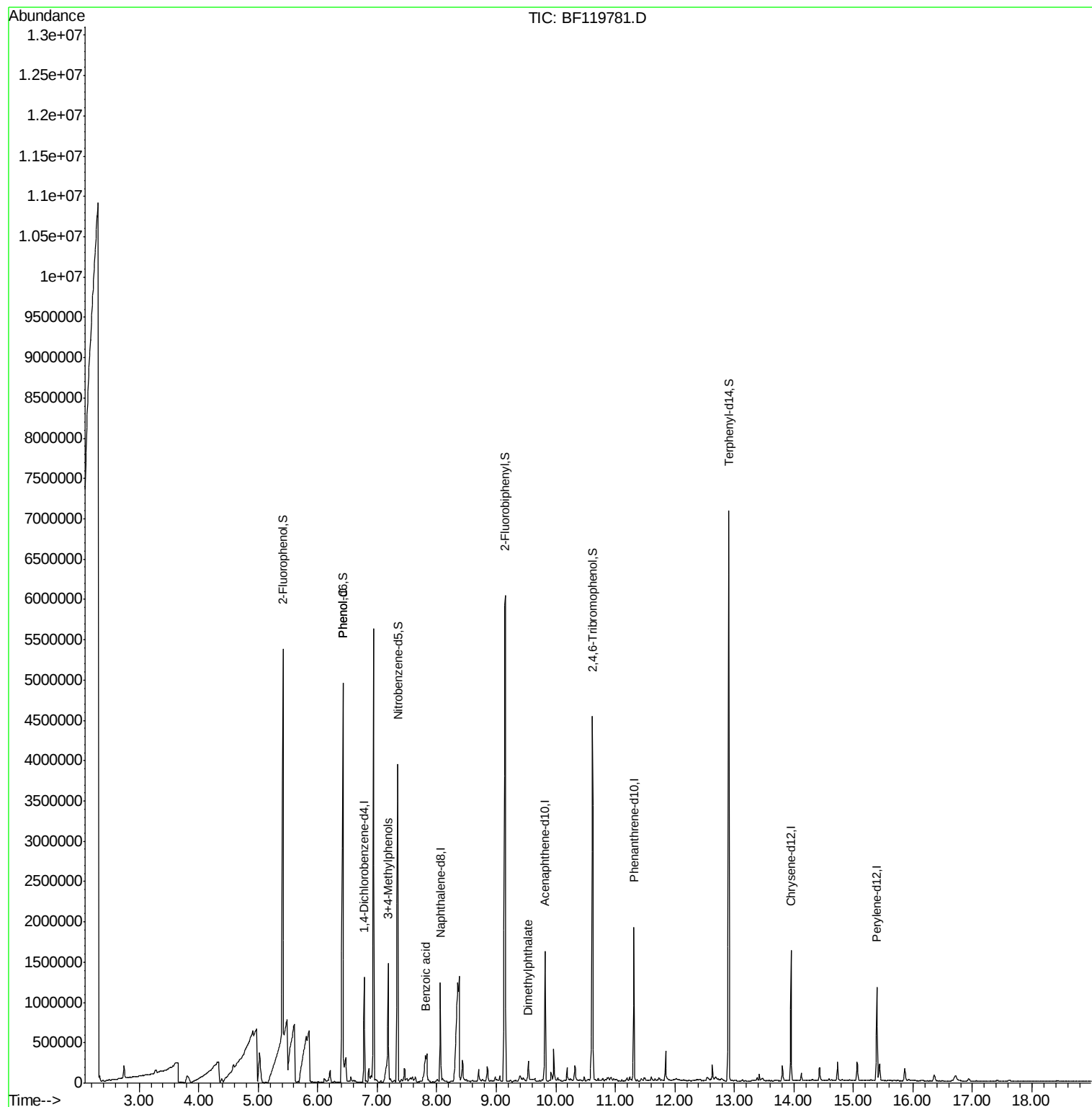
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178951	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	693016	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	350933	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	672176	20.00	ng	0.00
76) Chrysene-d12	13.95	240	526288	20.00	ng	0.00
87) Perylene-d12	15.40	264	518030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1631525	145.14	ng	0.03
7) Phenol-d6	6.42	99	1907935	132.86	ng	0.00
23) Nitrobenzene-d5	7.35	82	1381534	108.34	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	639369	176.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2658957	112.25	ng	0.00
79) Terphenyl-d14	12.91	244	2848400	106.04	ng	0.00
Target Compounds						
10) Phenol	6.43	94	39955	2.608	ng	# 65
20) 3+4-Methylphenols	7.19	107	390459	29.452	ng	# 74
32) Benzoic acid	7.81	122	64602	9.052	ng	94
50) Dimethylphthalate	9.54	163	88288	3.542	ng	99

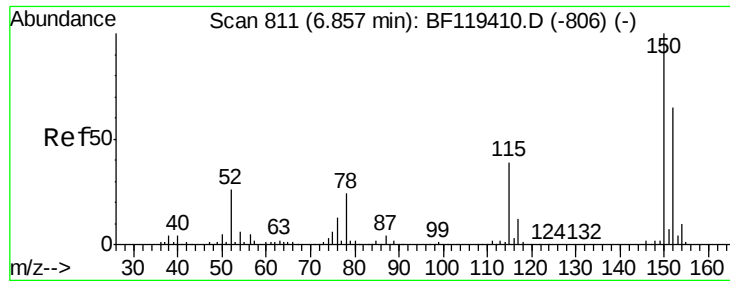
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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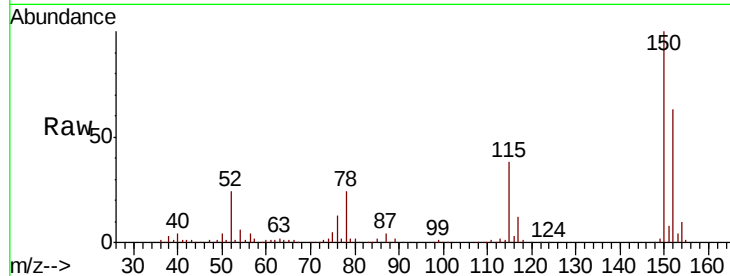


#1

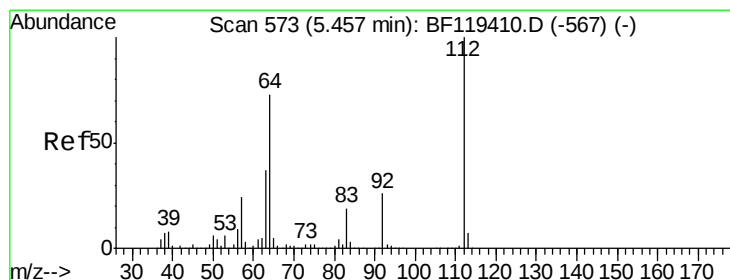
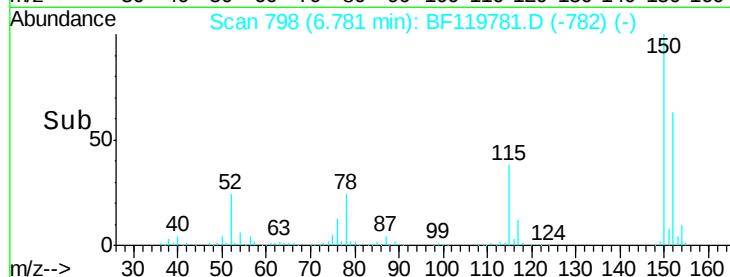
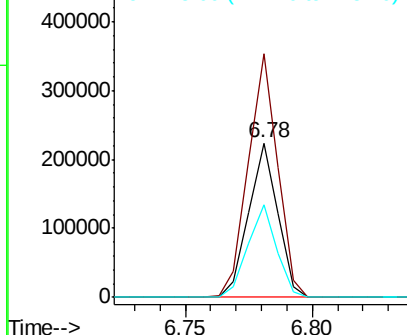
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM

Tot Ion:152 Resp: 178951
Ion Ratio Lower Upper
152 100
150 158.0 124.5 186.7
115 60.2 49.6 74.4



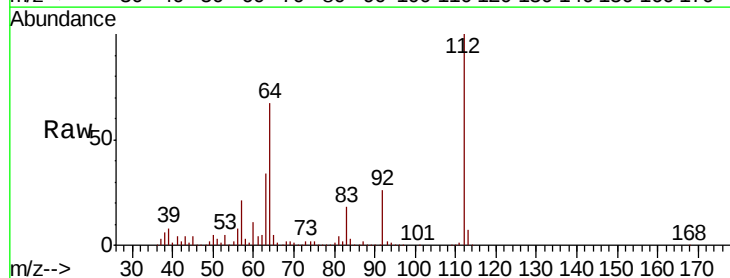
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



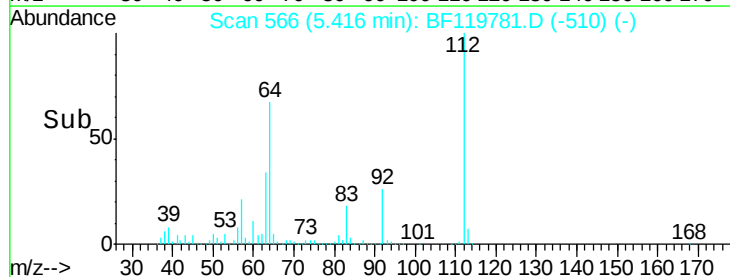
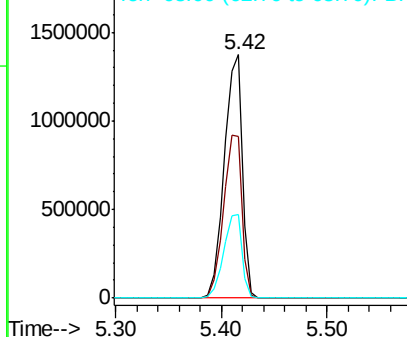
#5

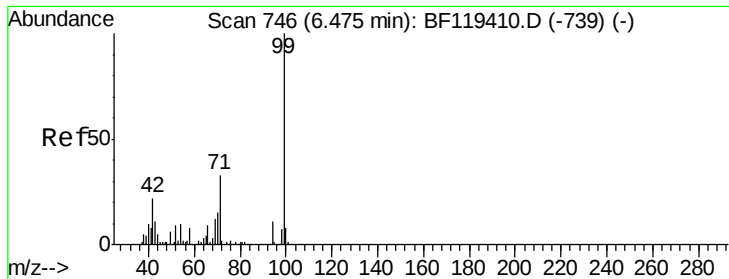
2-Fluorophenol
Concen: 145.137 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.03 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Tgt Ion:112 Resp: 1631525
Ion Ratio Lower Upper
112 100
64 66.5 56.7 85.1
63 34.3 29.5 44.3



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: 132.865 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119781.D

Acq: 6 Apr 2020 20:22

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM

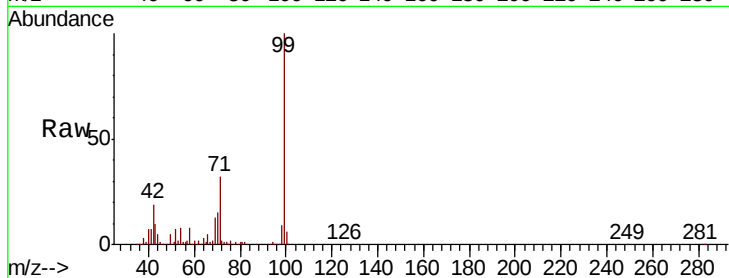
Tot Ion: 99 Resp: 1907935

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

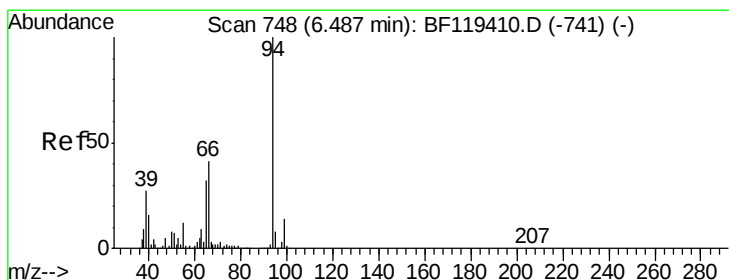
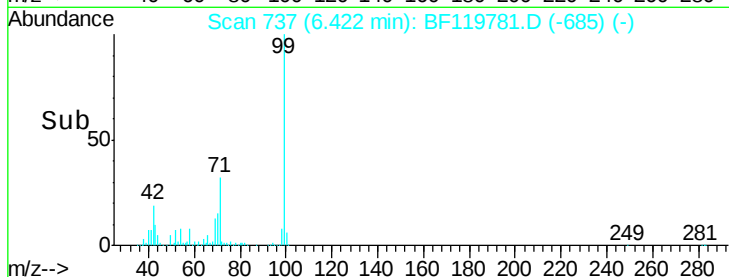
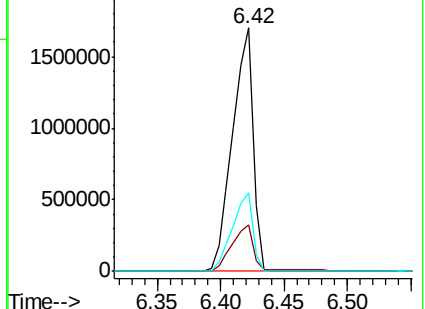
71 32.2 26.4 39.6



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: 2.608 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119781.D

Acq: 6 Apr 2020 20:22

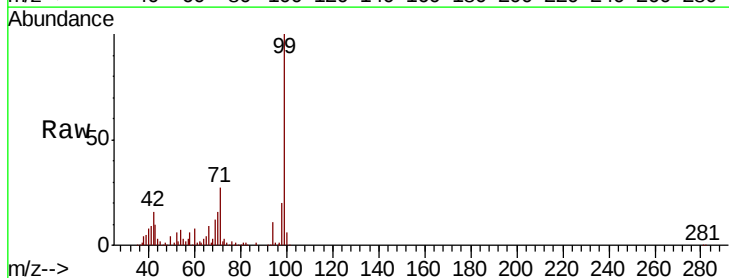
Tgt Ion: 94 Resp: 39955

Ion Ratio Lower Upper

94 100

65 39.1 13.2 53.2

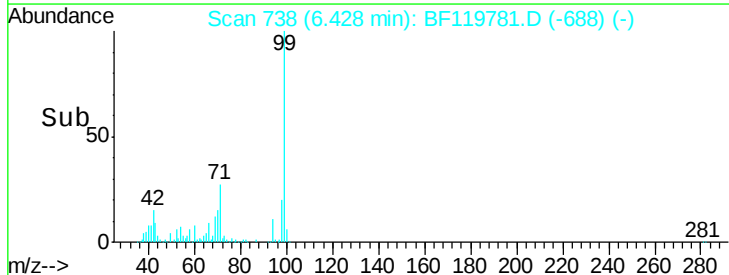
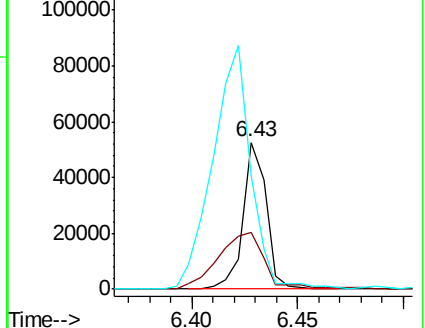
66 76.7 22.3 62.3#

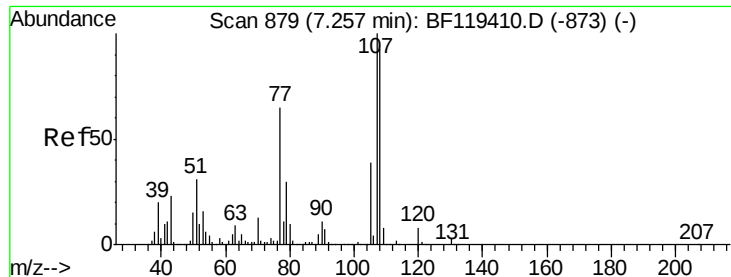


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

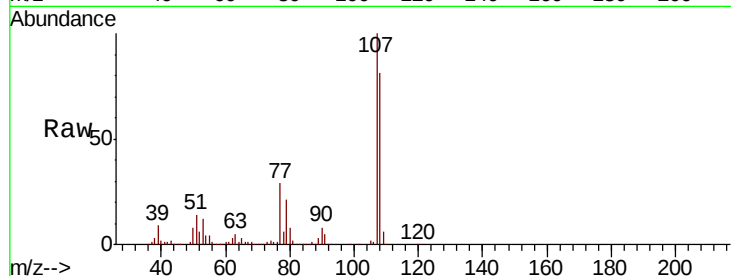




#20
3+4-Methylphenols
Concen: 29.452 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM

Tot Ion:	107	Resp:	390459
Ion	Ratio	Lower	Upper
107	100		
108	81.0	67.9	107.9
77	28.9	52.9	92.9#
79	20.6	7.7	47.7



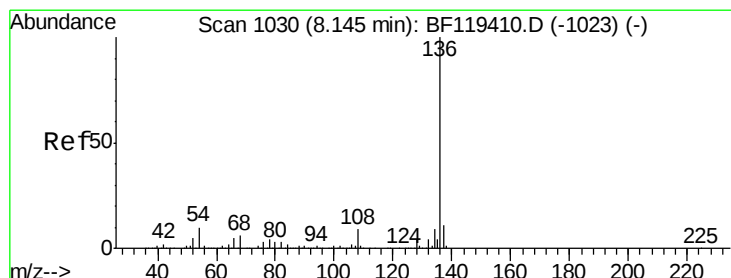
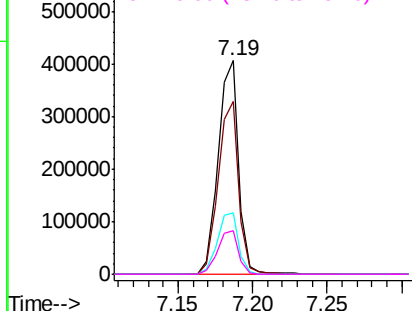
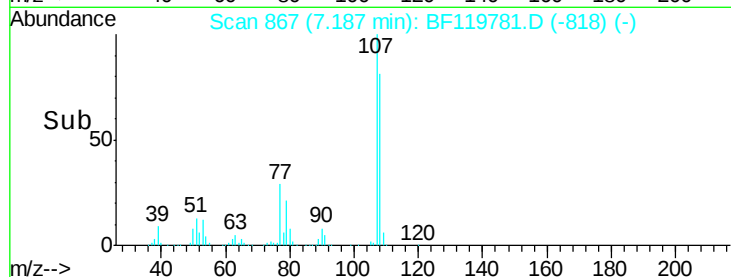
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

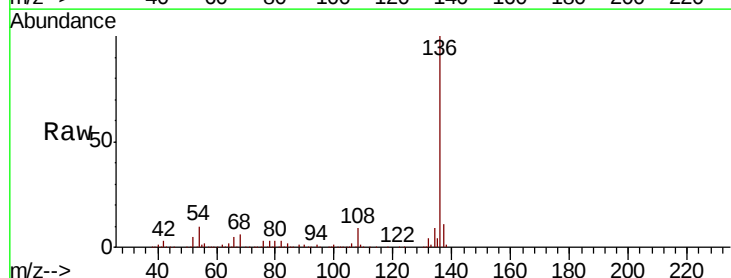
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Tgt Ion:	136	Resp:	693016
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.3	9.1	13.7
68	5.6	4.6	6.8



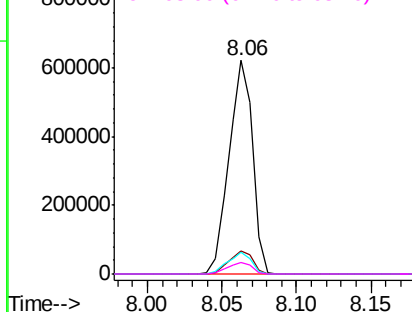
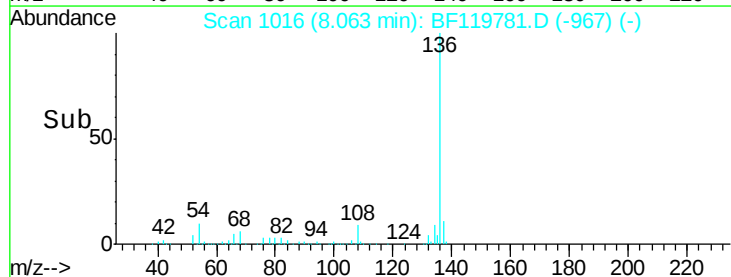
Abundance

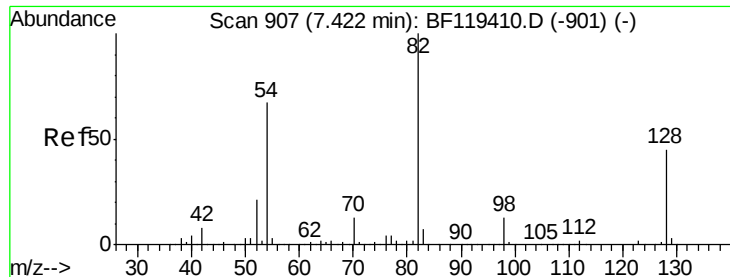
Ion 136.00 (135.70 to 136.70): E

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

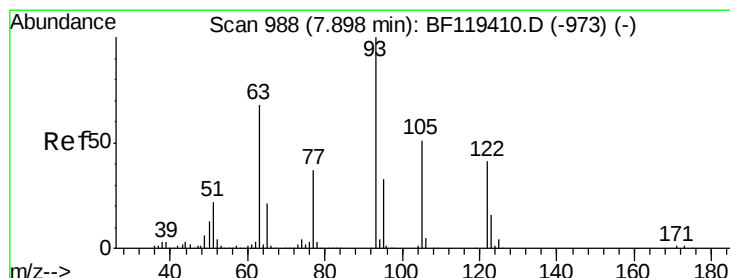
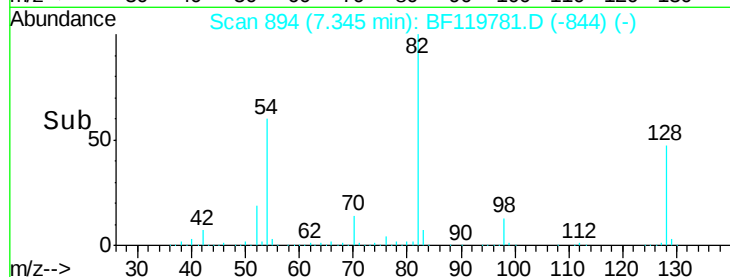
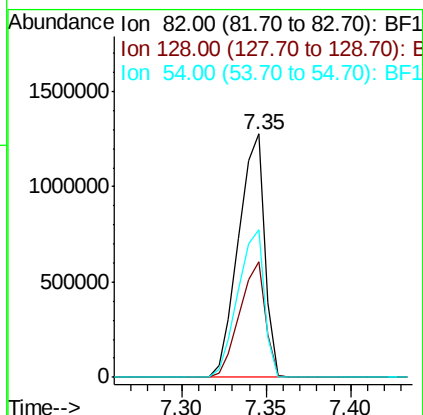
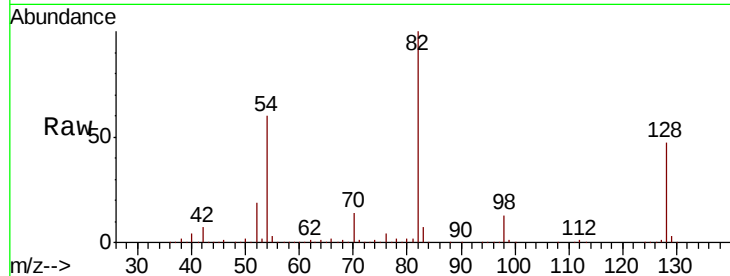




#23
Nitrobenzene-d5
Concen: 108.343 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

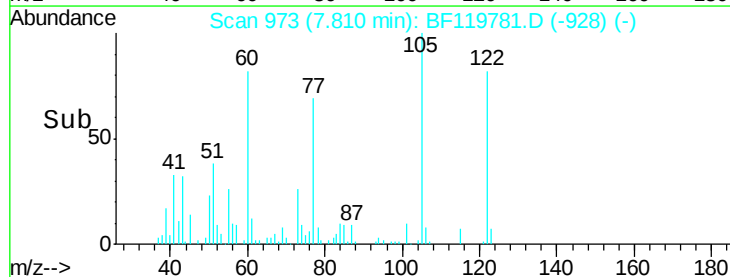
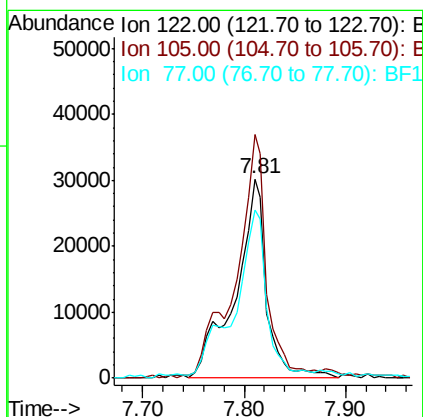
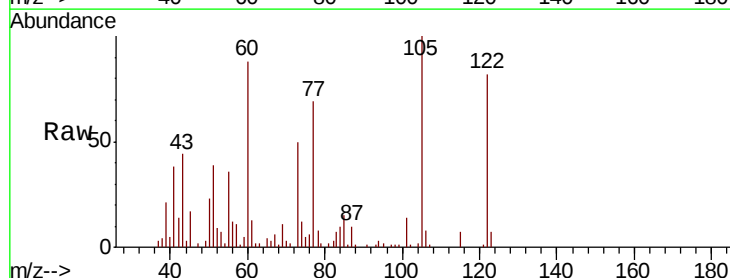
Instrument :
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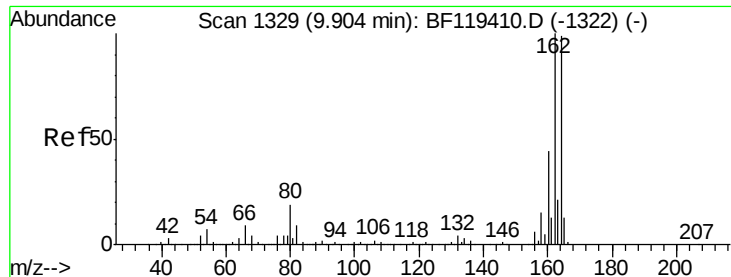
Tot Ion: 82 Resp: 1381534
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 60.4 50.6 75.8



#32
Benzoic acid
Concen: 9.052 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.04 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Tgt Ion:122 Resp: 64602
Ion Ratio Lower Upper
122 100
105 122.3 104.9 144.9
77 84.4 74.4 114.4

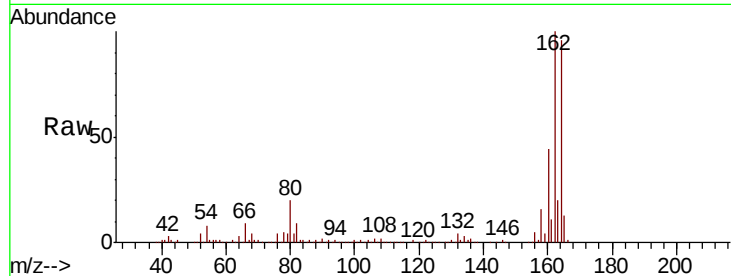




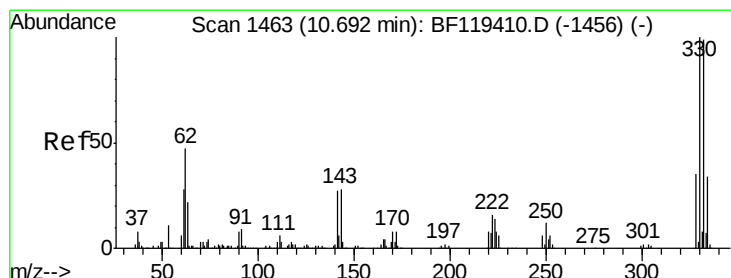
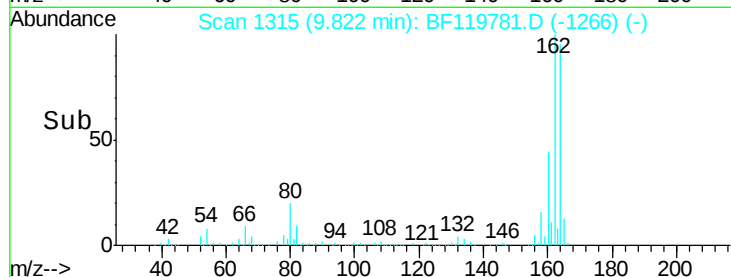
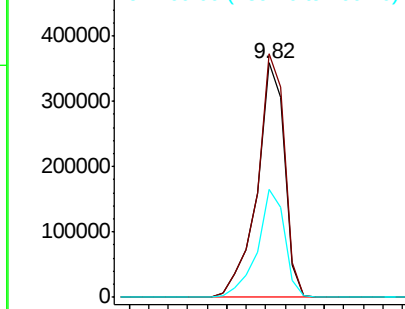
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119781.D
 Acq: 6 Apr 2020 20:22

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM

Tot Ion:164 Resp: 350933
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.6 121.0
 160 46.1 35.7 53.5

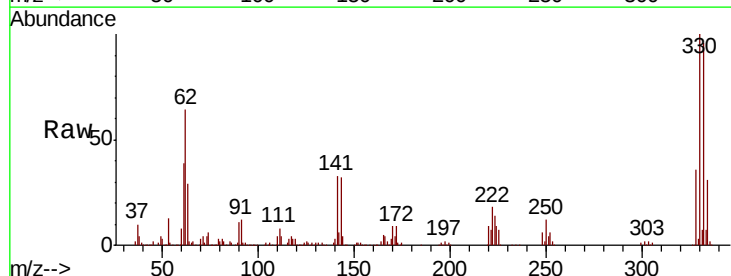


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

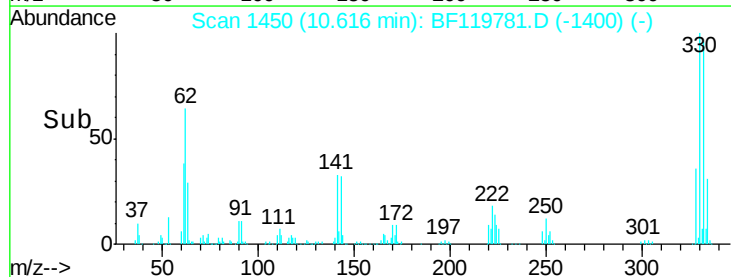
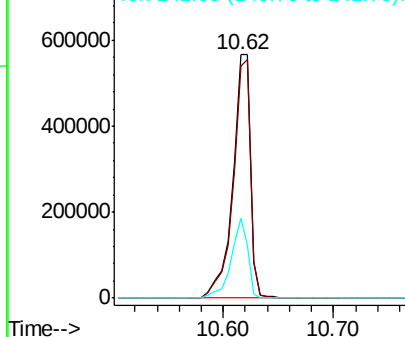


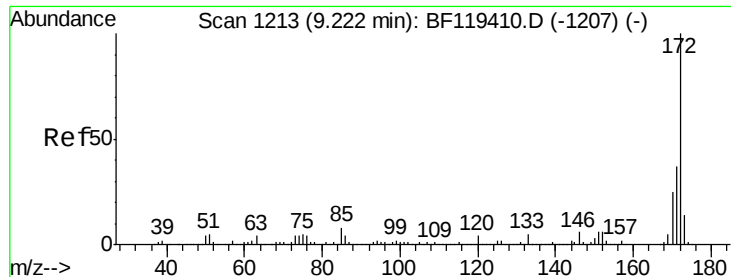
#42
 2,4,6-Tribromophenol
 Concen: 176.599 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119781.D
 Acq: 6 Apr 2020 20:22

Tgt Ion:330 Resp: 639369
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.7 113.5
 141 30.9 25.4 38.0



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

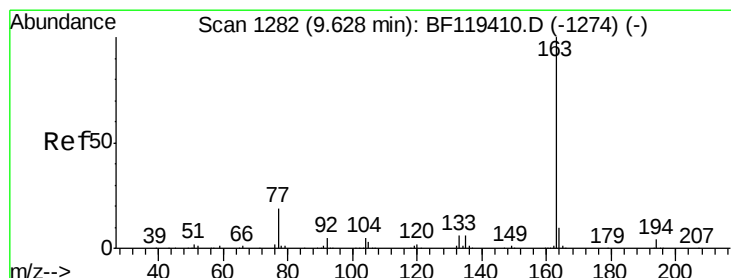
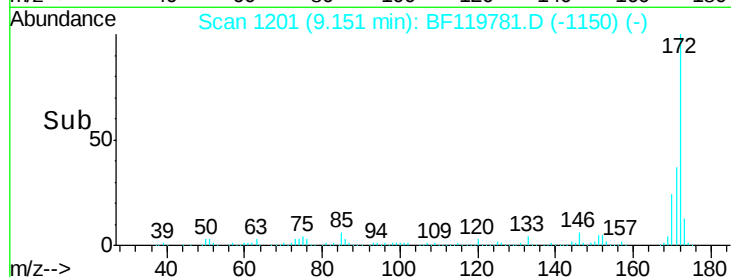
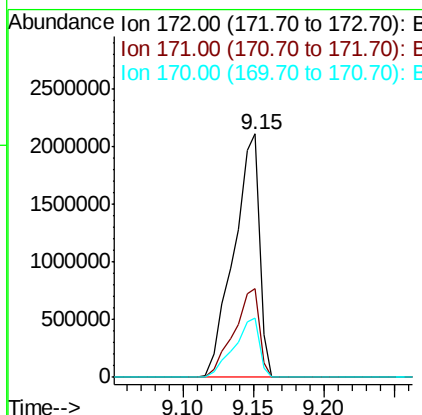
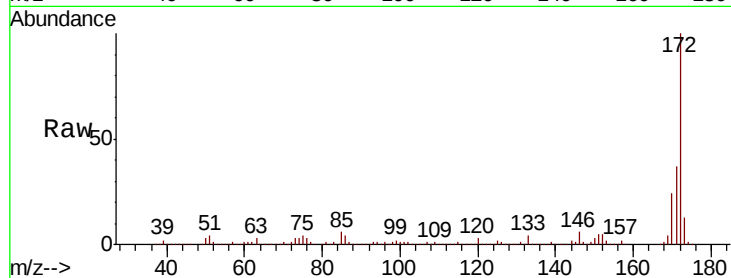




#45
2-Fluorobiphenyl
Concen: 112.249 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

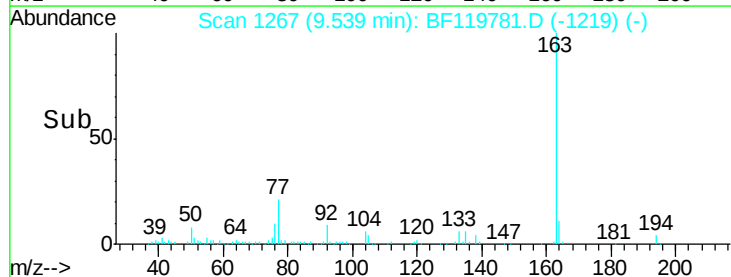
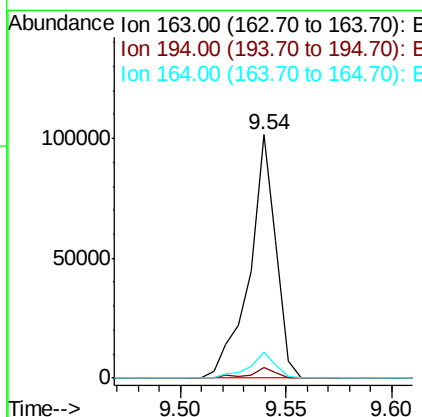
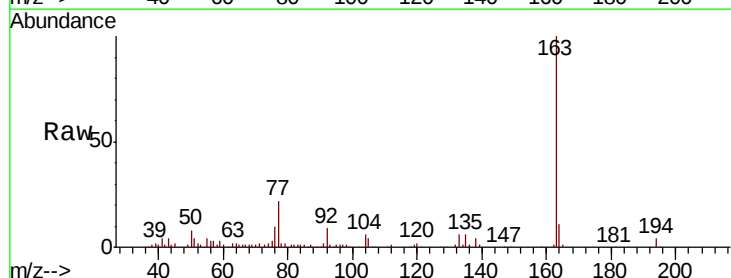
Instrument :
BNA_F
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RECLAIM-SYSTEM

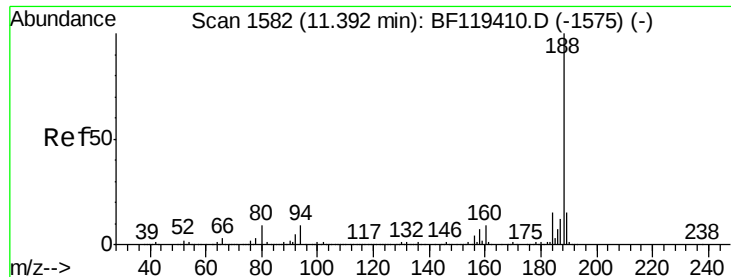
Tot Ion:172 Resp: 2658957
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 20.2 30.2



#50
Dimethylphthalate
Concen: 3.542 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Tgt Ion:163 Resp: 88288
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.7 8.2 12.2

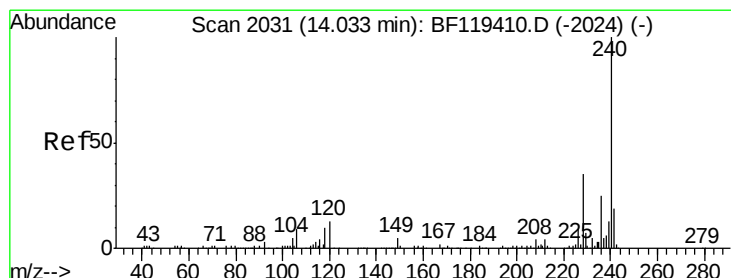
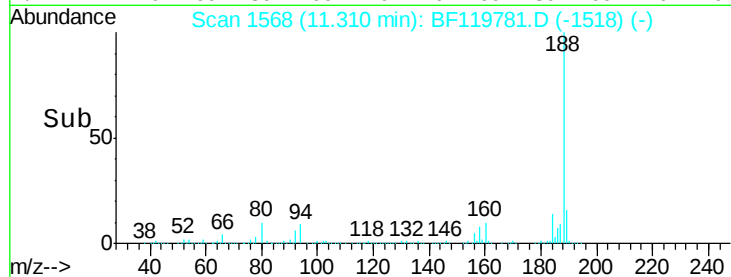
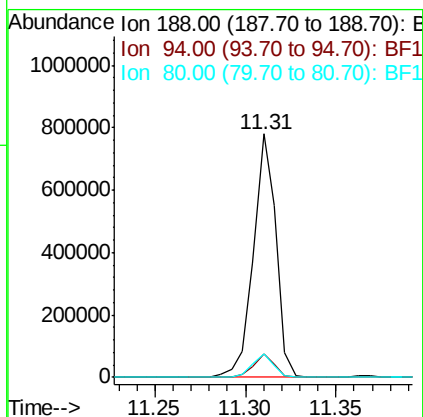
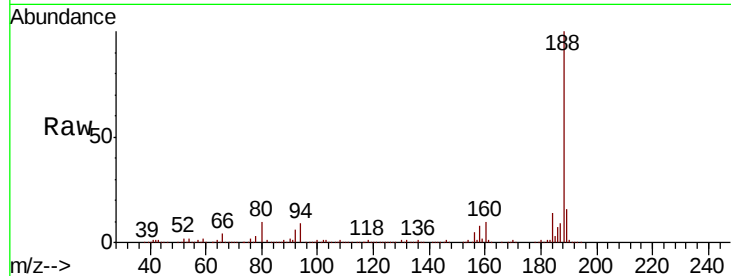




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

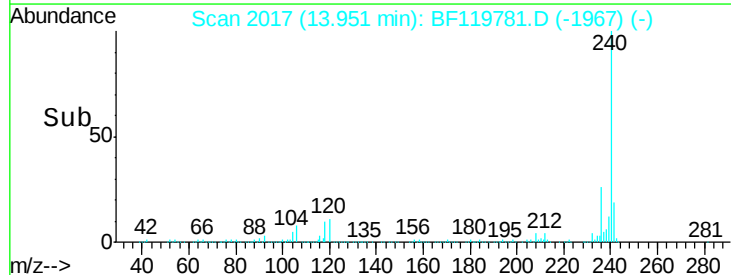
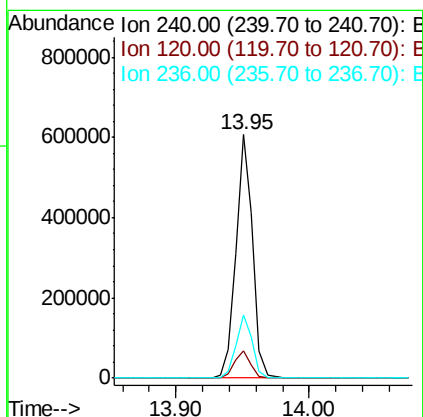
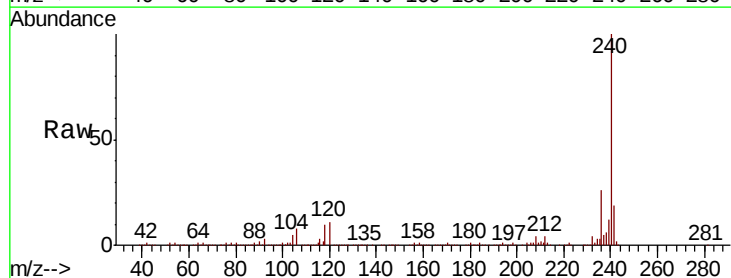
Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM

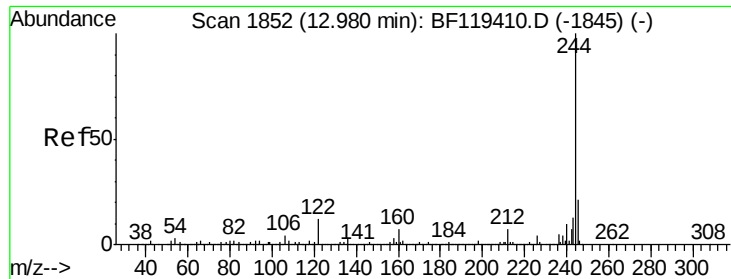
Tot Ion:188 Resp: 672176
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119781.D
Acq: 6 Apr 2020 20:22

Tgt Ion:240 Resp: 526288
Ion Ratio Lower Upper
240 100
120 11.2 10.6 15.8
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 106.037 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119781.D

Acq: 6 Apr 2020 20:22

Instrument :

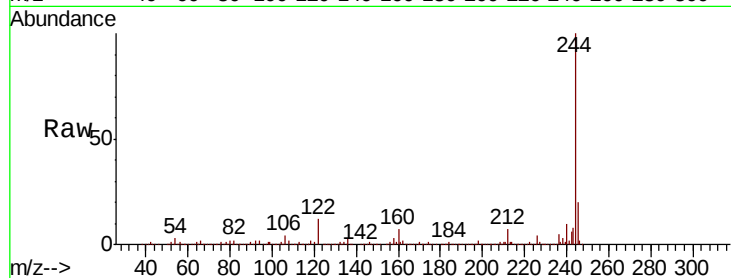
BNA_F

ClientSampleId :

RECLAIM-SYSTEM

Tot Ion:244 Resp: 2848400

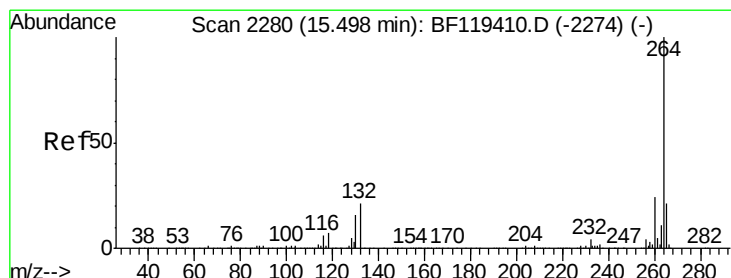
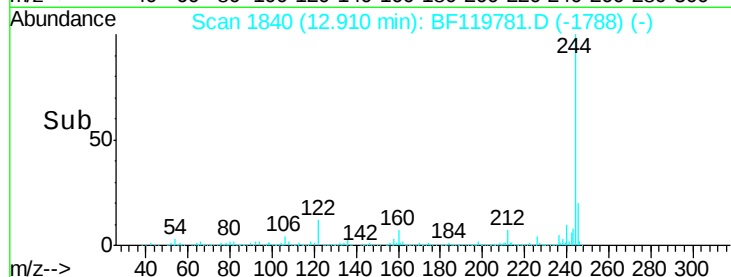
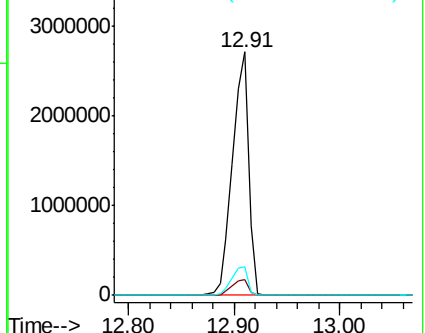
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.7	10.3	15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

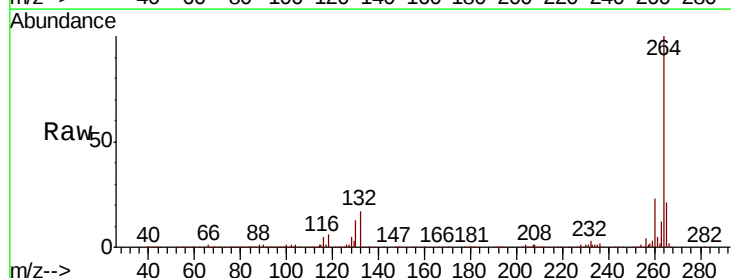
Delta R.T. 0.00 min

Lab File: BF119781.D

Acq: 6 Apr 2020 20:22

Tgt Ion:264 Resp: 518030

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	17.7	26.5



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

