

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119431.D
 Acq On : 18 Mar 2020 22:53
 Operator : CG/JU
 Sample : L1913-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B2

Quant Time: Mar 19 07:17:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

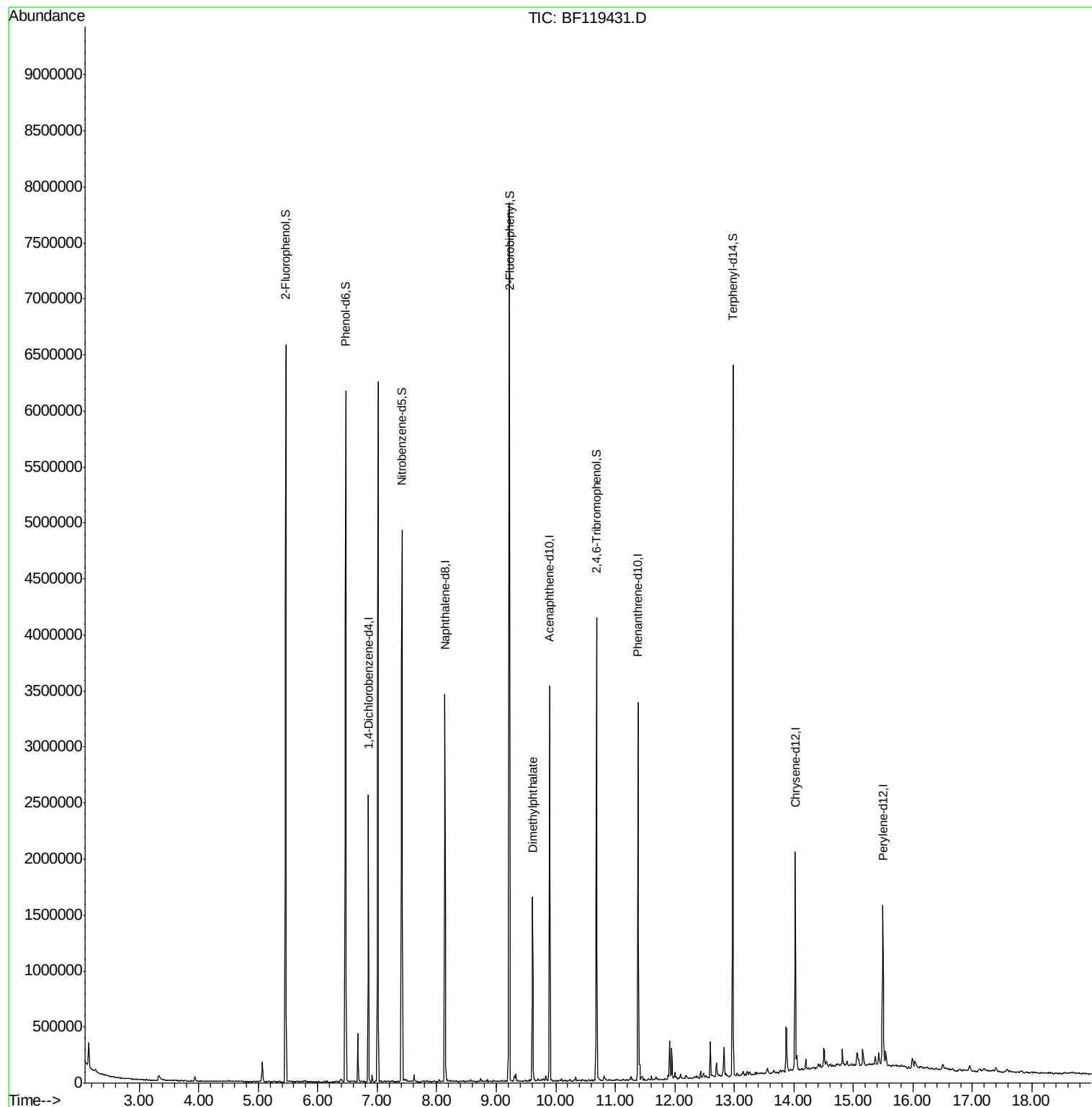
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	362699	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1377001	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	665298	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1155824	20.00	ng	0.00
76) Chrysene-d12	14.02	240	664991	20.00	ng	-0.01
87) Perylene-d12	15.50	264	683884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1769657	77.67	ng	0.00
7) Phenol-d6	6.47	99	2355423	80.93	ng	0.00
23) Nitrobenzene-d5	7.42	82	1468875	57.97	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	491612	71.63	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2534168	56.43	ng	0.00
79) Terphenyl-d14	12.97	244	2151702	63.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	569372	12.049	ng	Qvalue 99

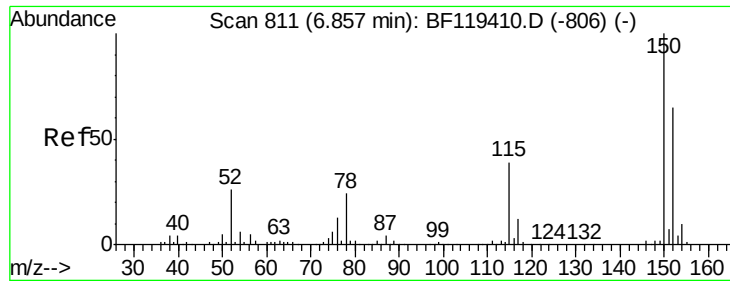
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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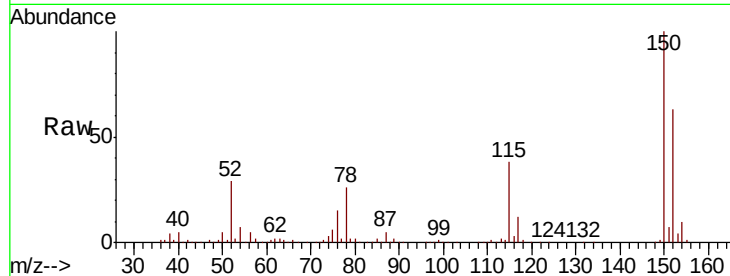


#1

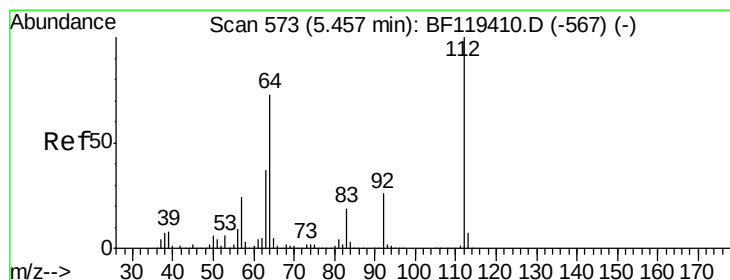
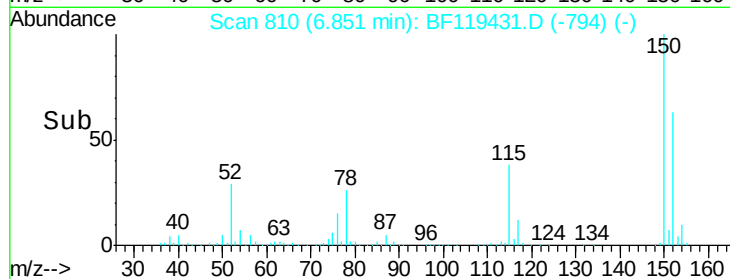
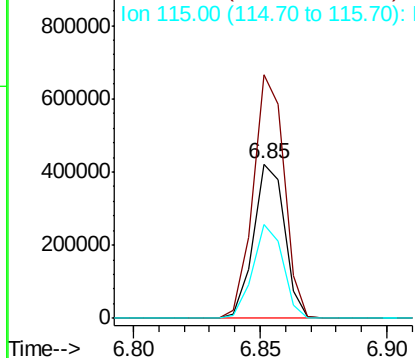
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119431.D
Acq: 18 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B2

Tot Ion:152 Resp: 362699
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 60.6 47.8 71.6



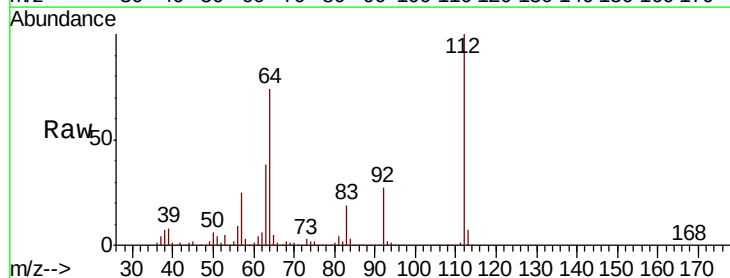
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



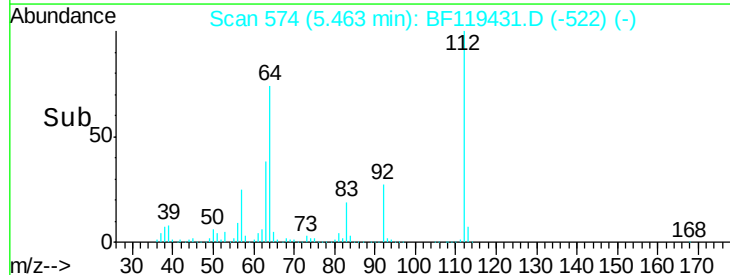
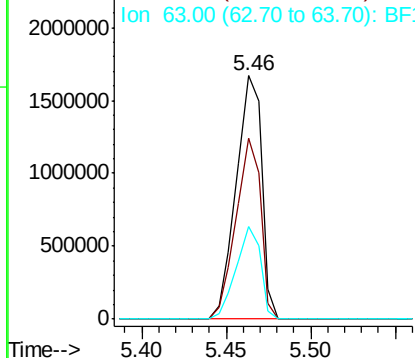
#5

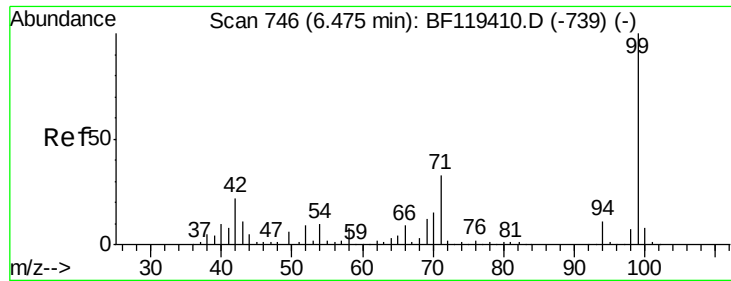
2-Fluorophenol
Concen: 77.671 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119431.D
Acq: 18 Mar 2020 22:53

Tgt Ion:112 Resp: 1769657
Ion Ratio Lower Upper
112 100
64 74.3 58.1 87.1
63 38.0 29.7 44.5



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: 80.929 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B2

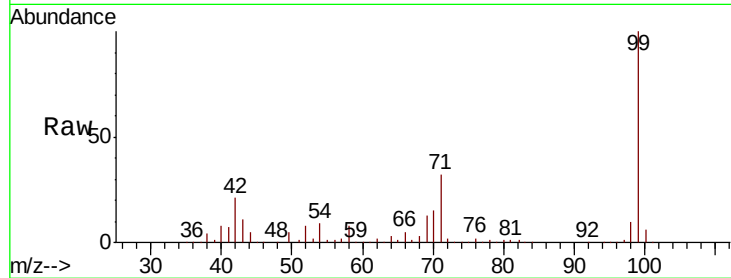
Tot Ion: 99 Resp: 2355423

Ion Ratio Lower Upper

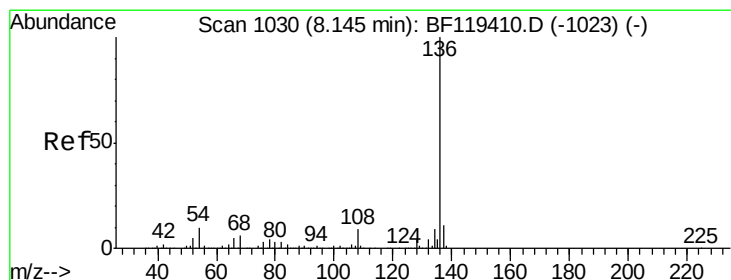
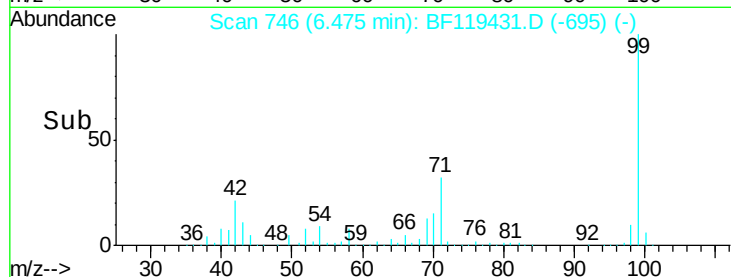
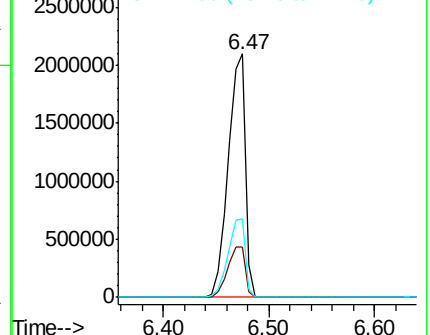
99 100

42 20.6 17.8 26.6

71 32.1 26.0 39.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

Tgt Ion: 136 Resp: 1377001

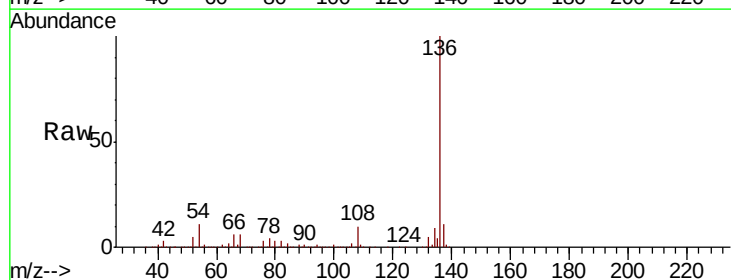
Ion Ratio Lower Upper

136 100

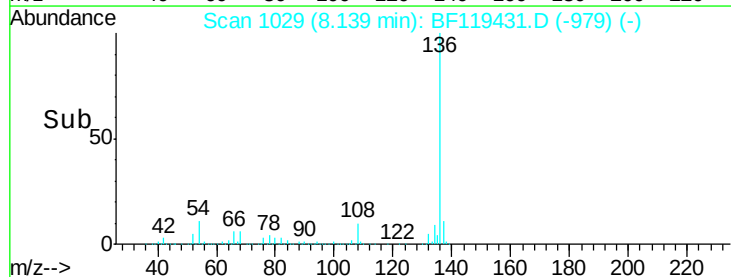
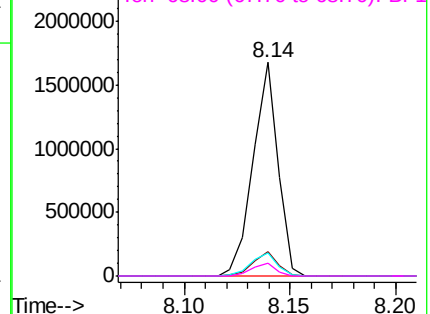
137 11.3 8.4 12.6

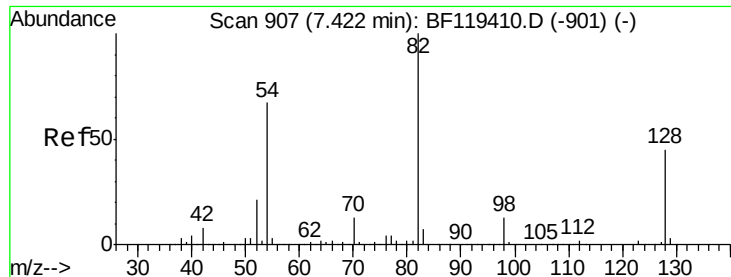
54 10.8 8.3 12.5

68 6.1 4.9 7.3



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

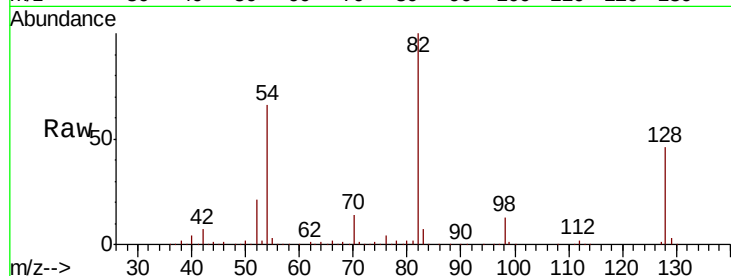




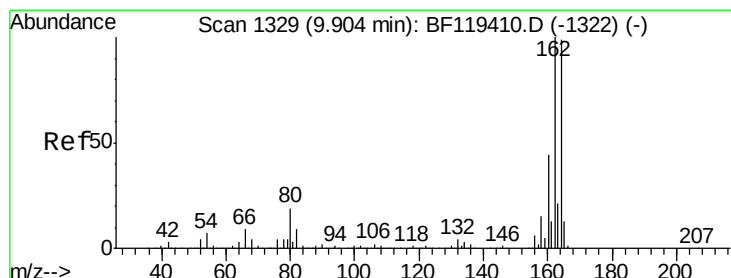
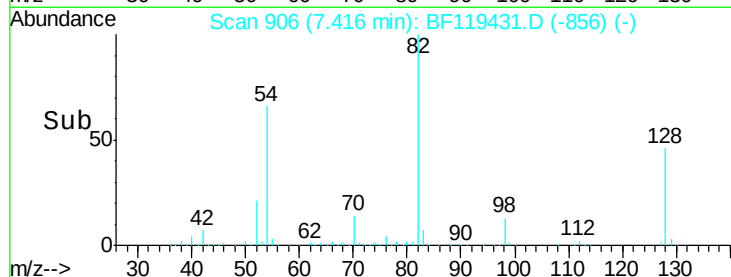
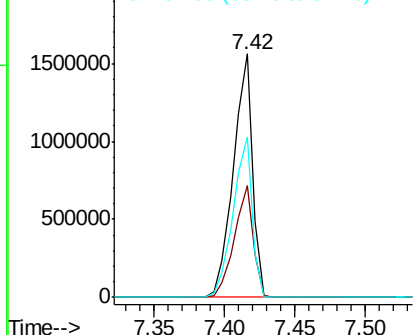
#23
 Nitrobenzene-d5
 Concen: 57.974 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119431.D
 Acq: 18 Mar 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B2

Tot Ion: 82 Resp: 1468875
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.8 53.8
 54 65.7 53.4 80.0

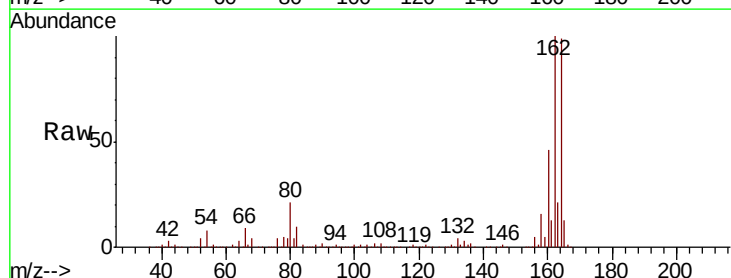


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

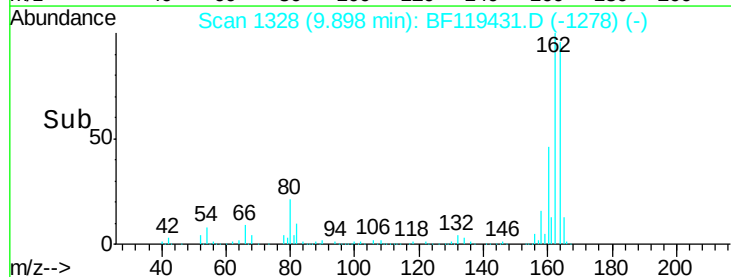
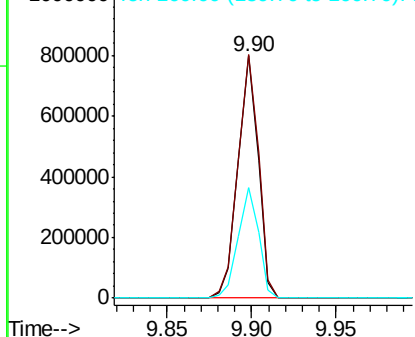


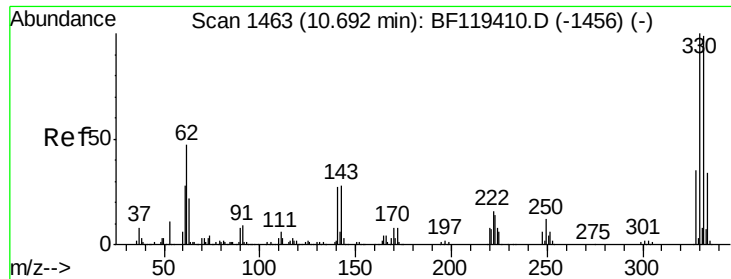
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119431.D
 Acq: 18 Mar 2020 22:53

Tgt Ion: 164 Resp: 665298
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.7 121.1
 160 45.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 71.625 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B2

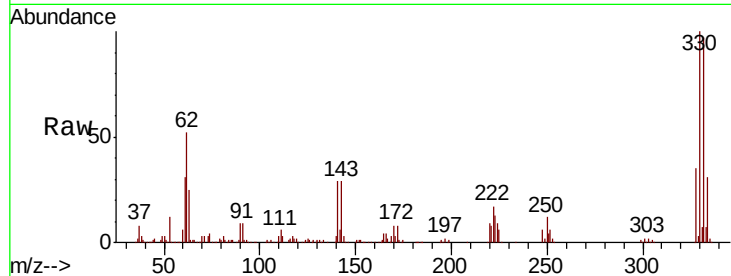
Tot Ion:330 Resp: 491612

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

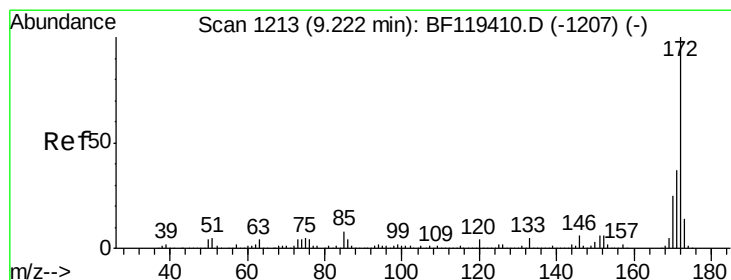
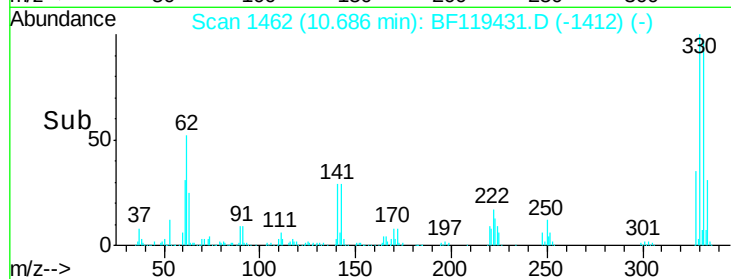
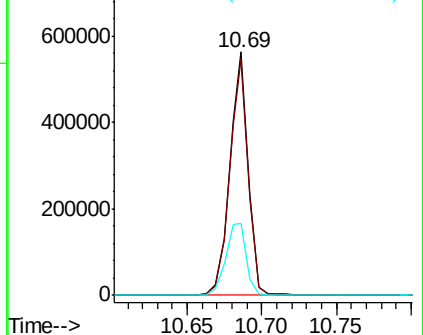
141 33.4 26.6 40.0



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: 56.430 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

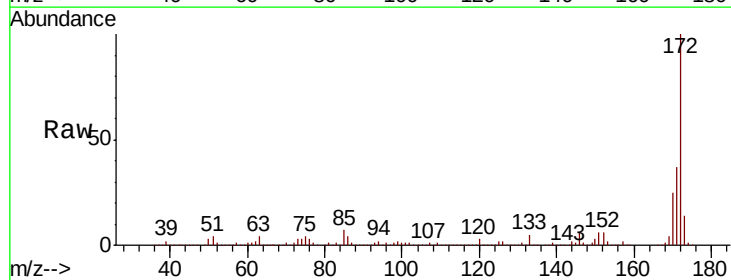
Tgt Ion:172 Resp: 2534168

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

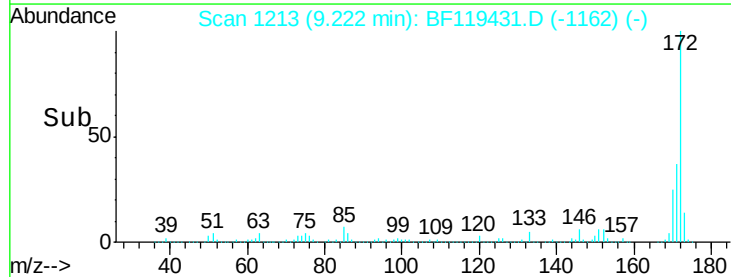
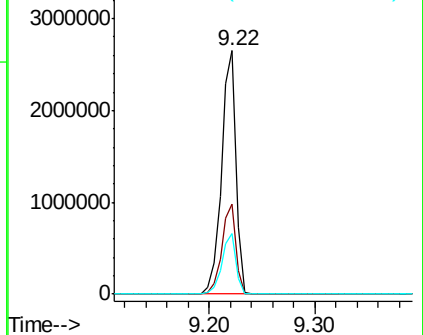
170 24.7 20.1 30.1

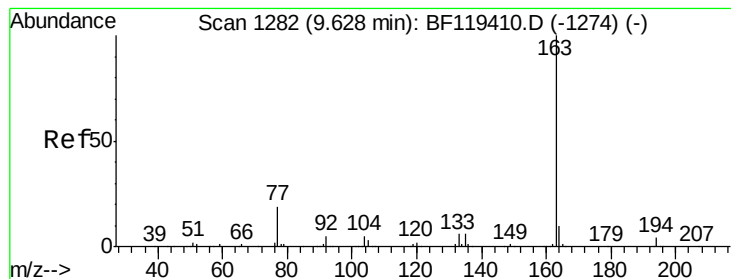


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.049 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B2

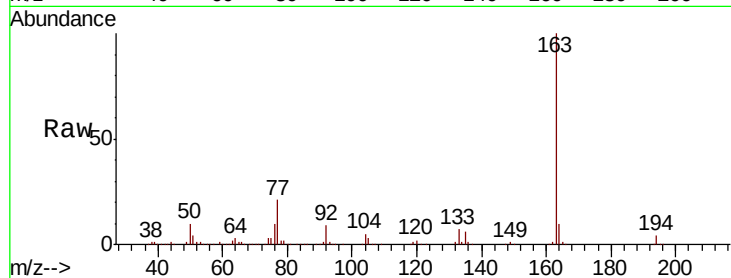
Tot Ion:163 Resp: 569372

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

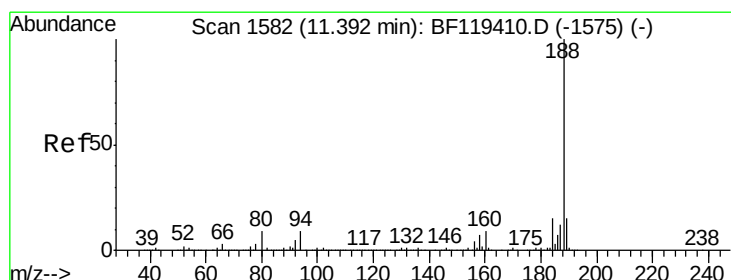
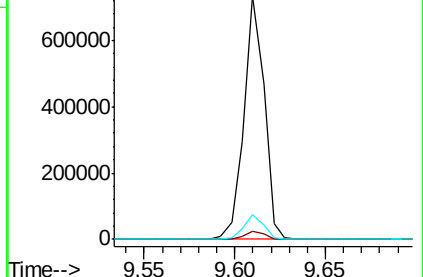
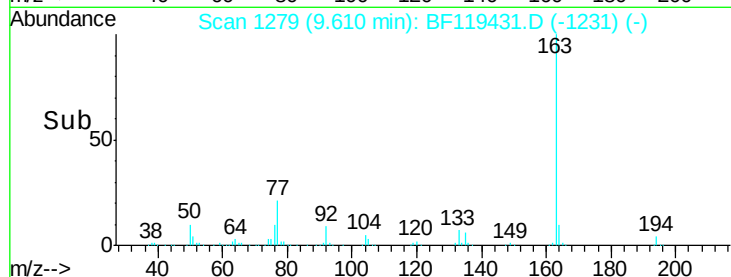
164 10.4 8.1 12.1



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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

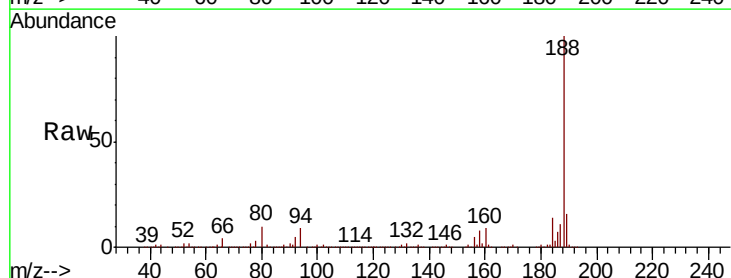
Tgt Ion:188 Resp: 1155824

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

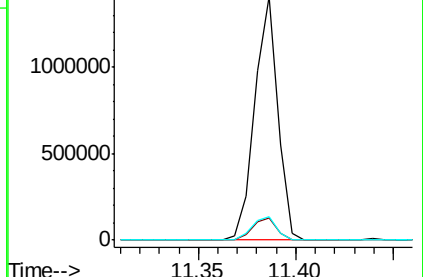
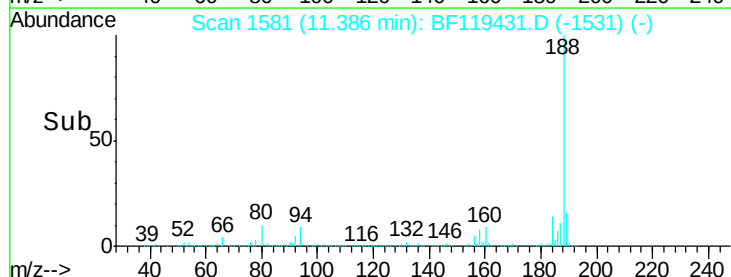
80 9.9 7.5 11.3

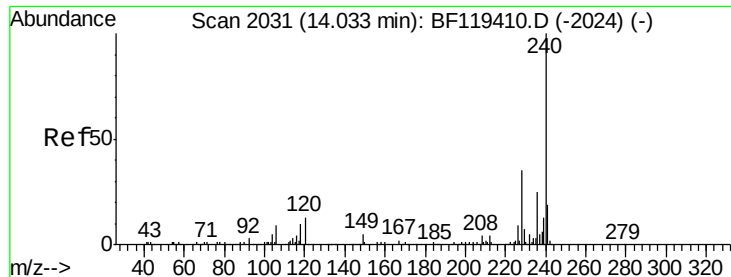


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B2

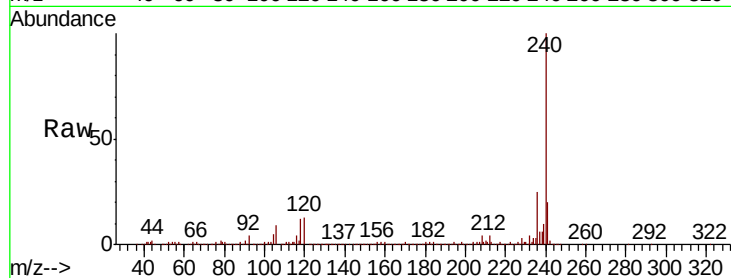
Tot Ion:240 Resp: 664991

Ion Ratio Lower Upper

240 100

120 13.1 10.2 15.4

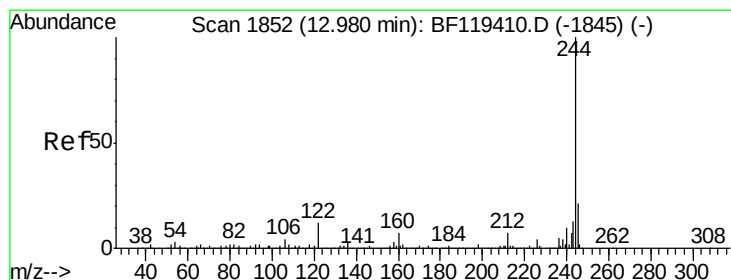
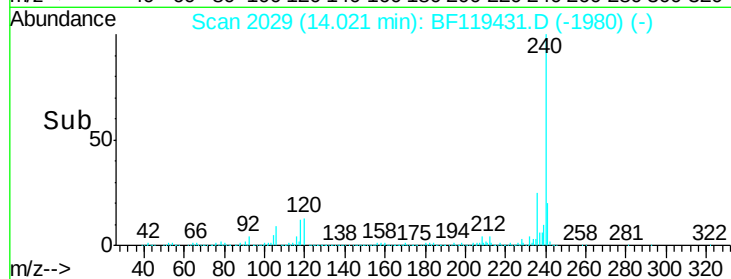
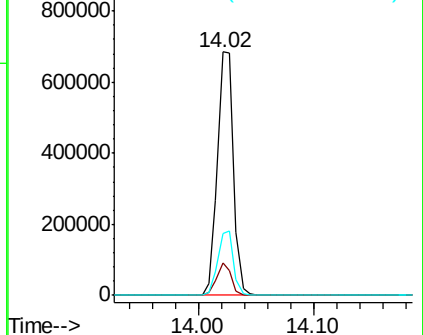
236 25.5 20.4 30.6



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: 63.394 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119431.D

Acq: 18 Mar 2020 22:53

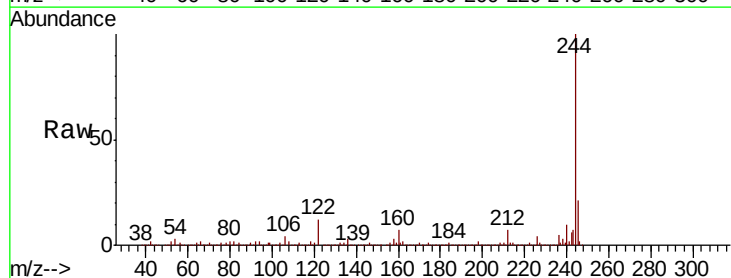
Tgt Ion:244 Resp: 2151702

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

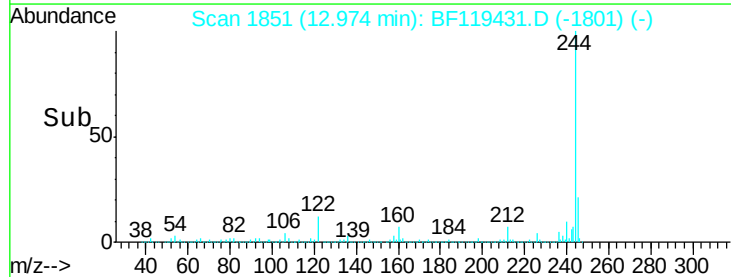
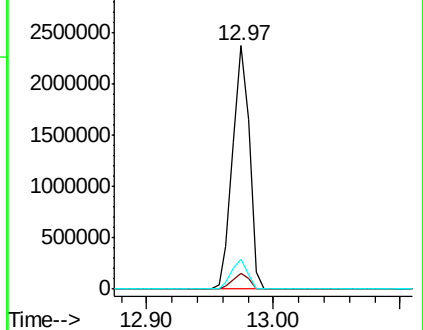
122 12.4 9.8 14.8

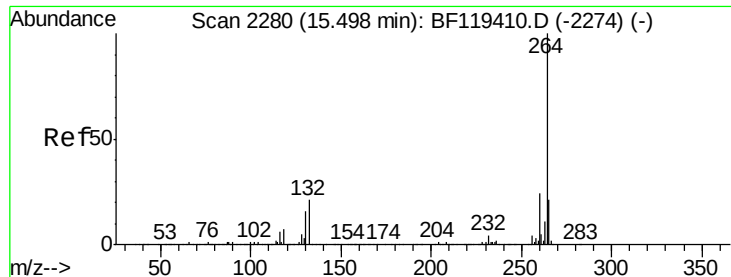


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

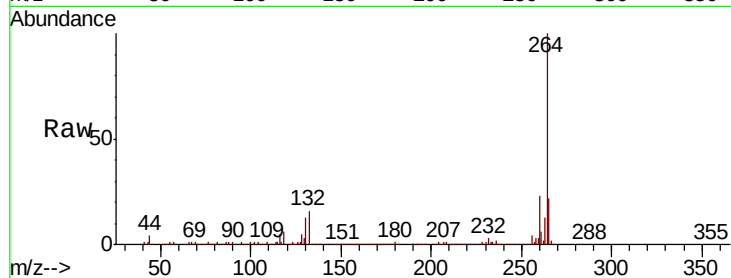




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119431.D
Acq: 18 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	16.9	25.3



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

