

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119528.D
 Acq On : 26 Mar 2020 5:28
 Operator : CG/JU
 Sample : L1754-01 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420

Quant Time: Mar 26 07:01:48 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

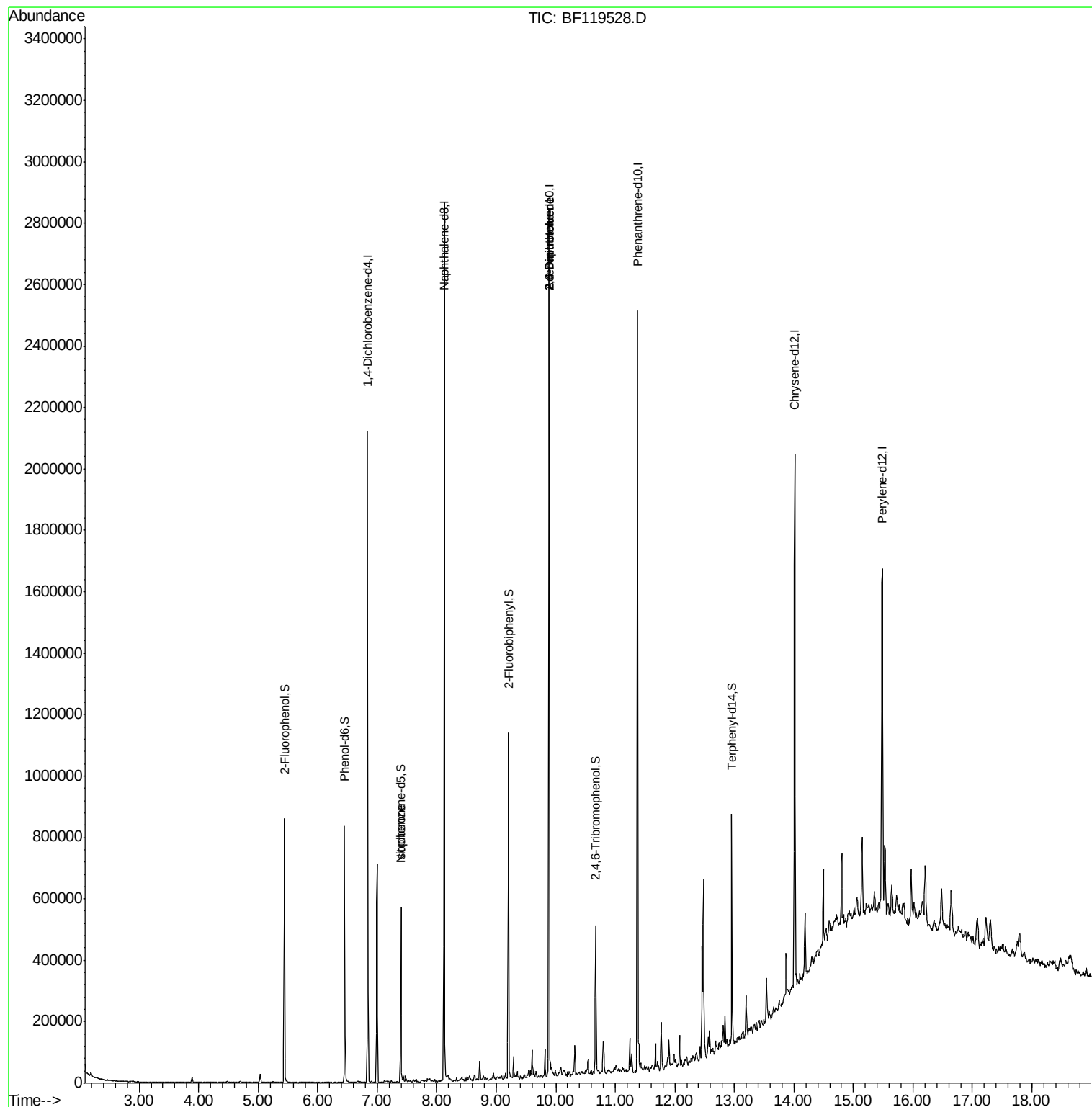
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	302387	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1111473	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	543044	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	857464	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	569779	20.00	ng	-0.02
87) Perylene-d12	15.49	264	558619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	195260	10.28	ng	-0.02
7) Phenol-d6	6.45	99	250583	10.33	ng	-0.02
23) Nitrobenzene-d5	7.40	82	150385	7.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	55255	9.86	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	308133	8.41	ng	-0.02
79) Terphenyl-d14	12.96	244	239103	8.22	ng	-0.02
Target Compounds						
25) Isophorone	7.40	82	150257	3.622	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	71038	8.592	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	71463	6.861	ng	# 25

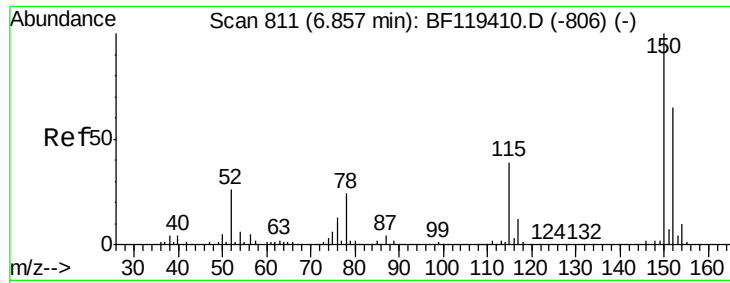
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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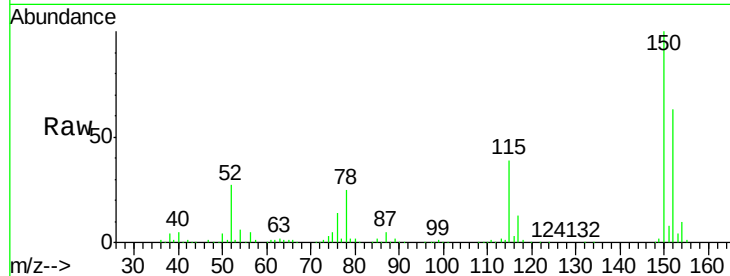




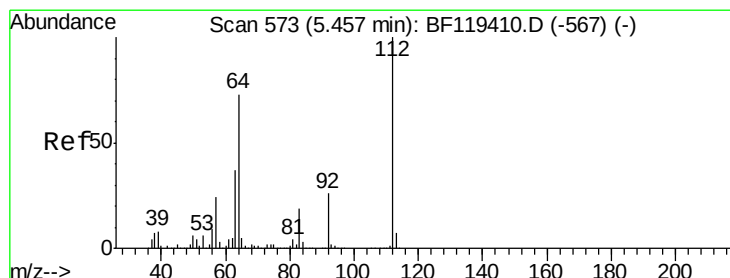
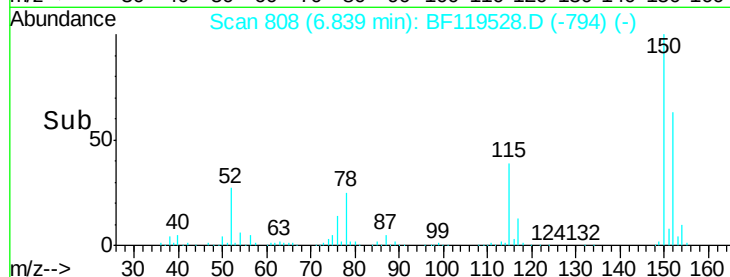
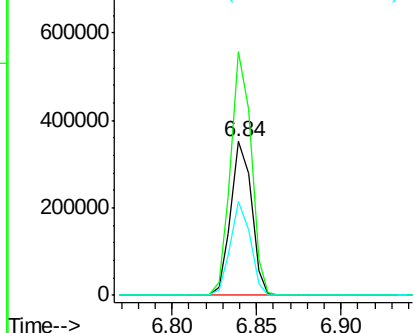
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF119528.D
 Acq: 26 Mar 2020 5:28

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420

Tgt Ion:152 Resp: 302387
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.9 185.9
 115 61.3 47.8 71.6

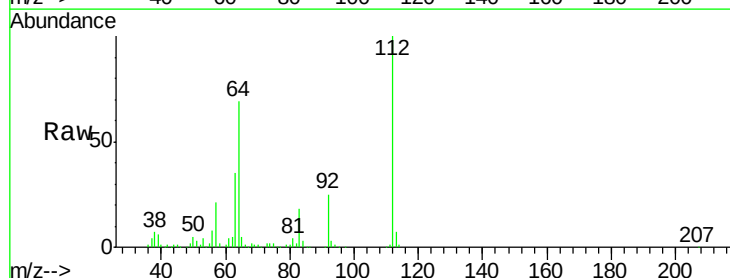


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

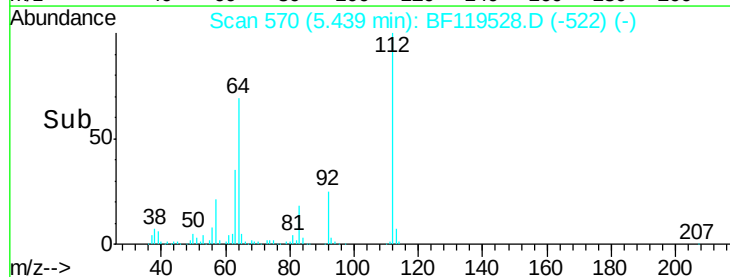
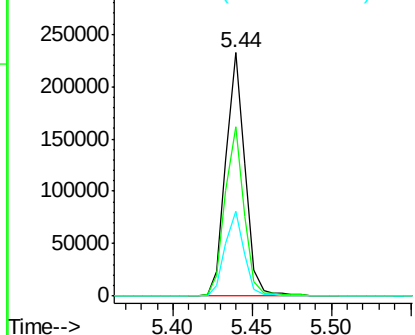


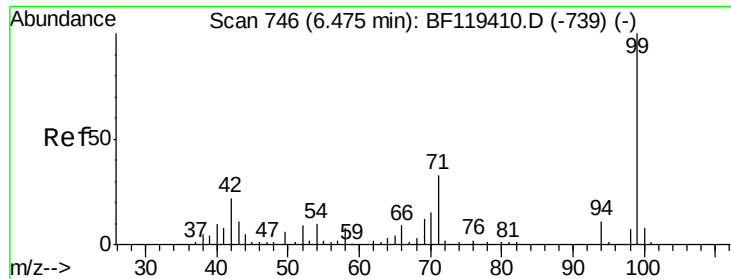
#5
 2-Fluorophenol
 Concen: 10.279 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF119528.D
 Acq: 26 Mar 2020 5:28

Tgt Ion:112 Resp: 195260
 Ion Ratio Lower Upper
 112 100
 64 69.4 58.1 87.1
 63 34.8 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: 10.327 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119528.D

Acq: 26 Mar 2020 5:28

Instrument :

BNA_F

ClientSampleId :

NB-08-032420

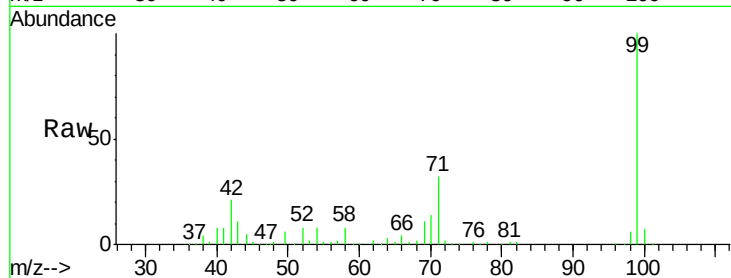
Tgt Ion: 99 Resp: 250583

Ion Ratio Lower Upper

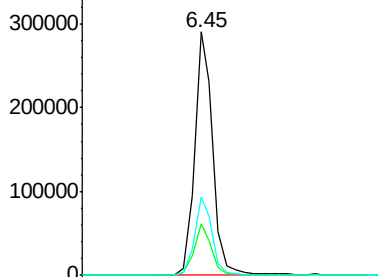
99 100

42 21.1 17.8 26.6

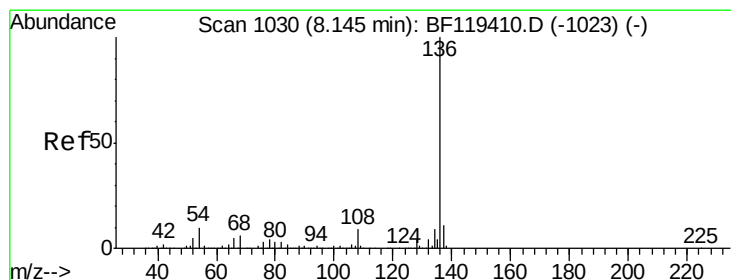
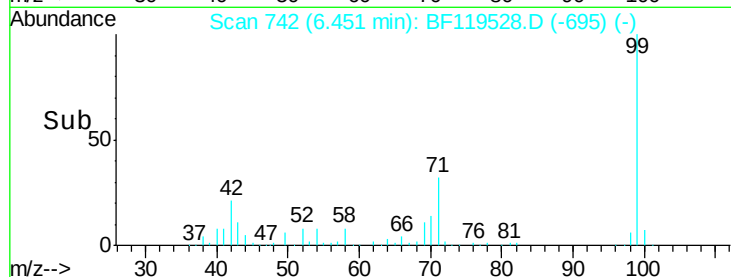
71 32.2 26.0 39.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119528.D

Acq: 26 Mar 2020 5:28

Tgt Ion: 136 Resp: 1111473

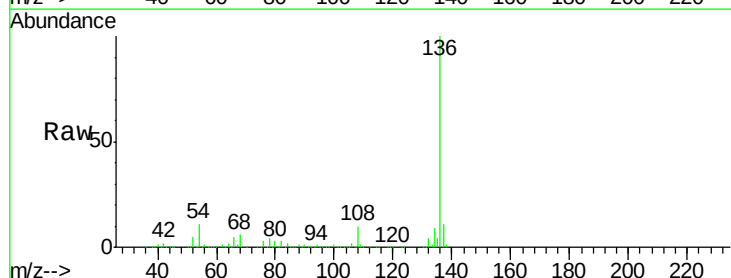
Ion Ratio Lower Upper

136 100

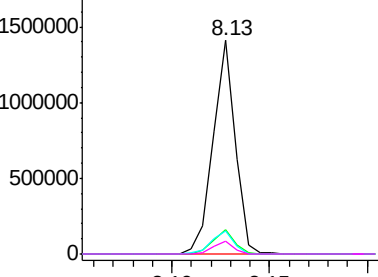
137 11.1 8.4 12.6

54 10.7 8.3 12.5

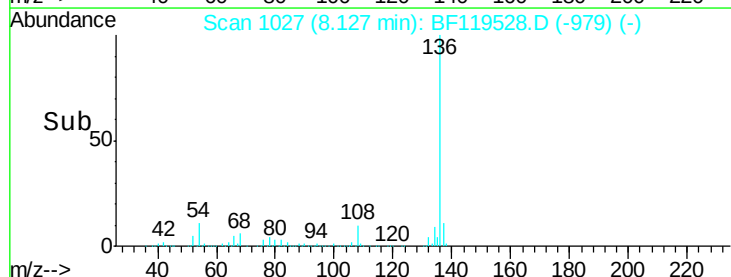
68 5.9 4.9 7.3

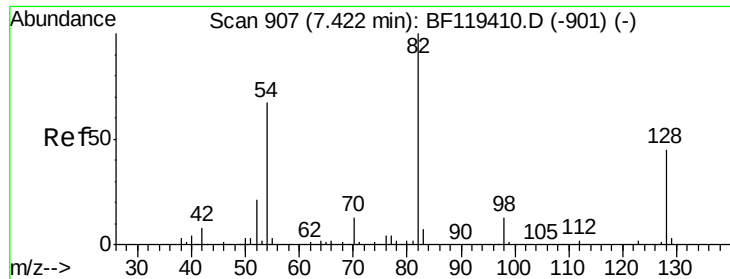


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

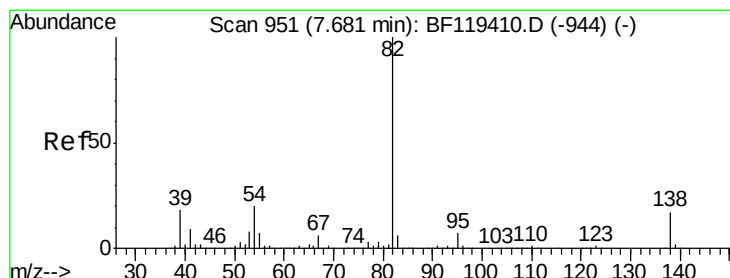
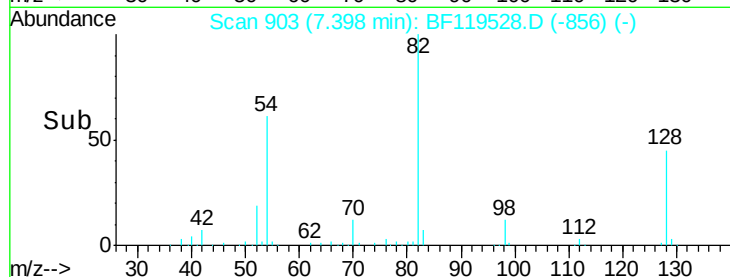
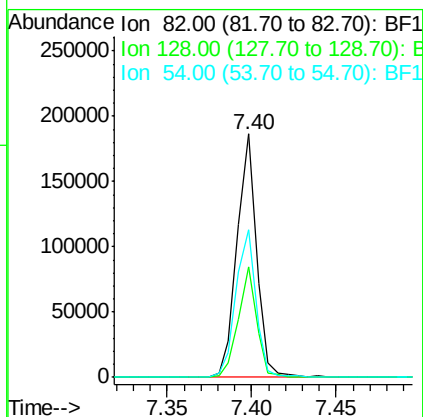
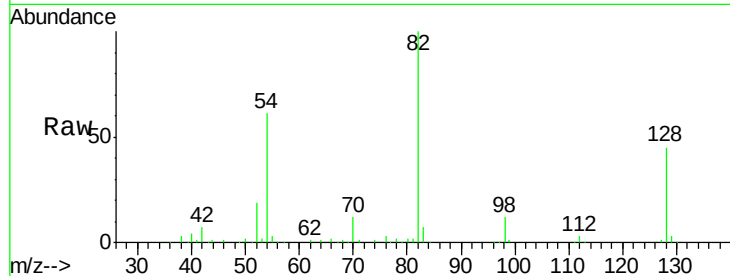




#23
Nitrobenzene-d5
Concen: 7.353 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF119528.D
Acq: 26 Mar 2020 5:28

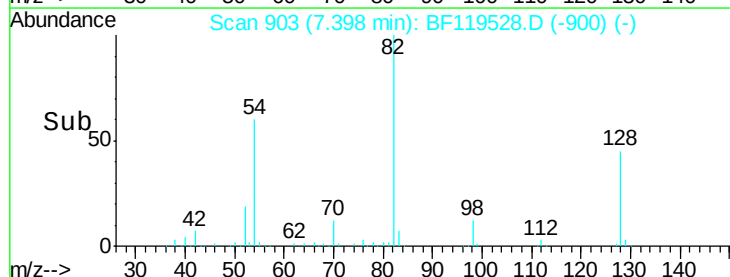
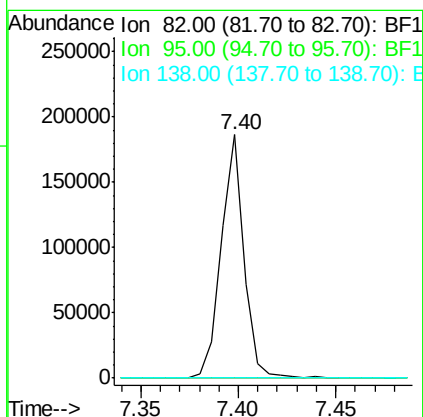
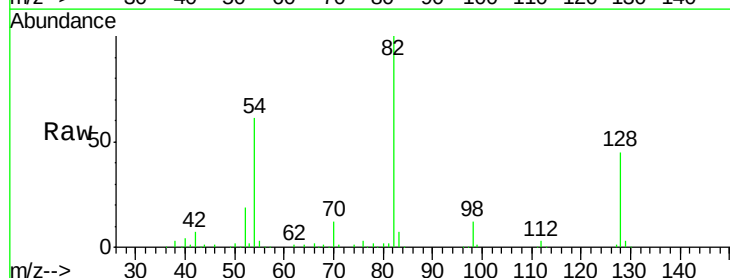
Instrument :
BNA_F
ClientSampleId :
NB-08-032420

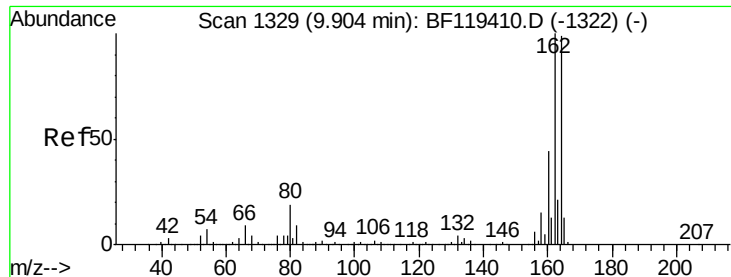
Tgt Ion: 82 Resp: 150385
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.8
54 60.7 53.4 80.0



#25
Isophorone
Concen: 3.622 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF119528.D
Acq: 26 Mar 2020 5:28

Tgt Ion: 82 Resp: 150257
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.8 20.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119528.D

Acq: 26 Mar 2020 5:28

Instrument :

BNA_F

ClientSampleId :

NB-08-032420

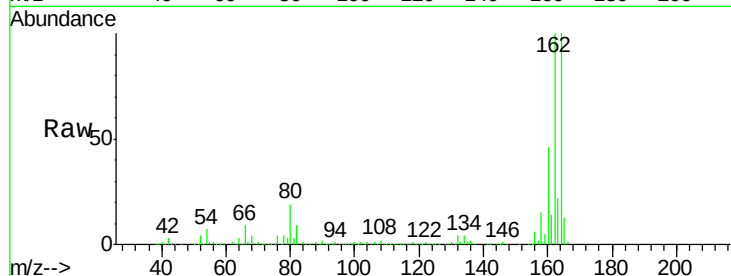
Tgt Ion:164 Resp: 543044

Ion Ratio Lower Upper

164 100

162 100.2 80.7 121.1

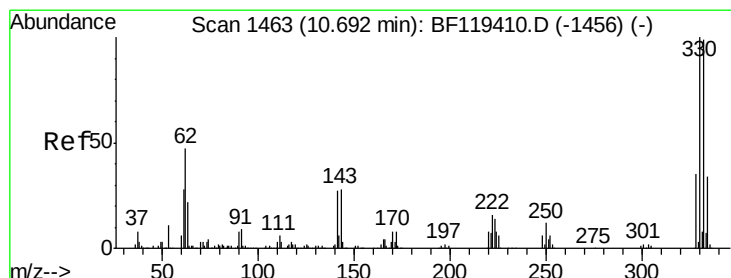
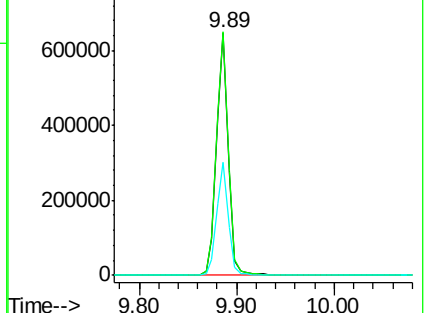
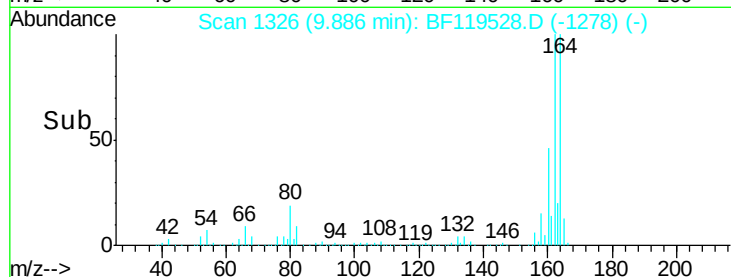
160 46.6 35.5 53.3



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: 9.863 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF119528.D

Acq: 26 Mar 2020 5:28

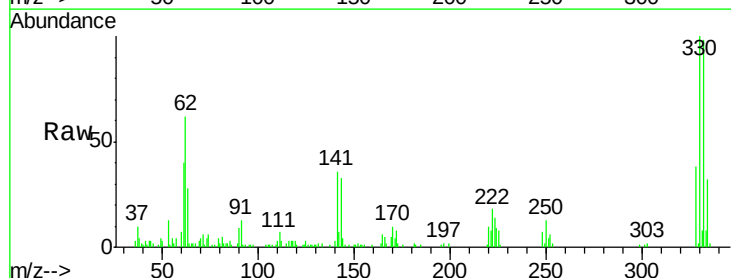
Tgt Ion:330 Resp: 55255

Ion Ratio Lower Upper

330 100

332 94.3 77.6 116.4

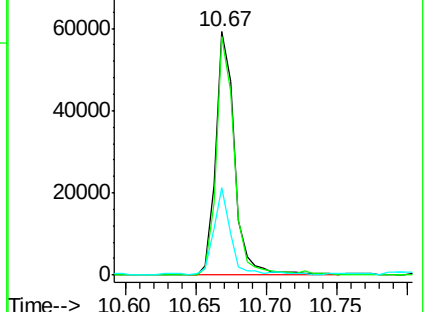
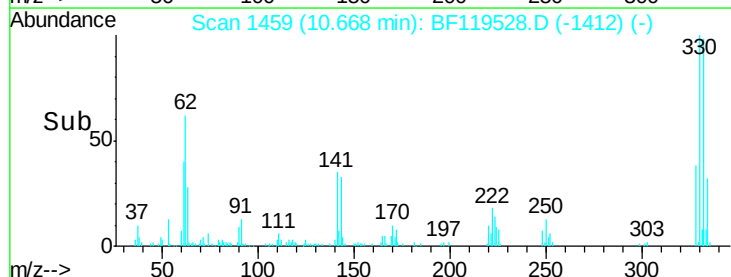
141 33.5 26.6 40.0

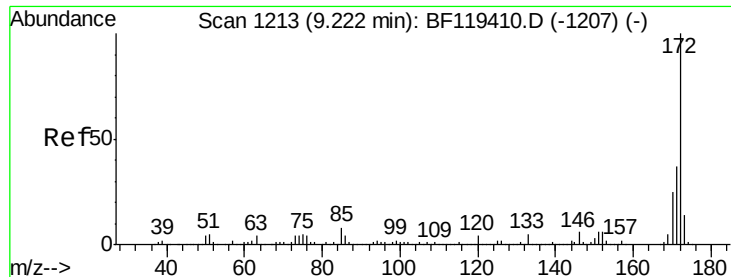


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

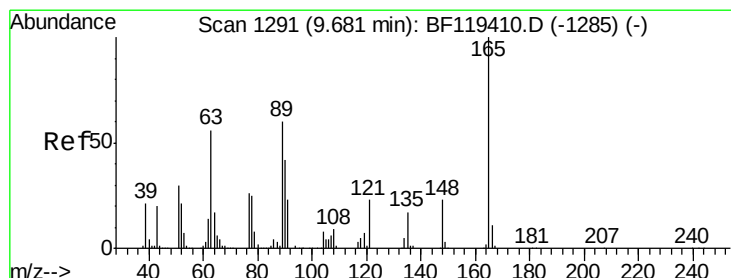
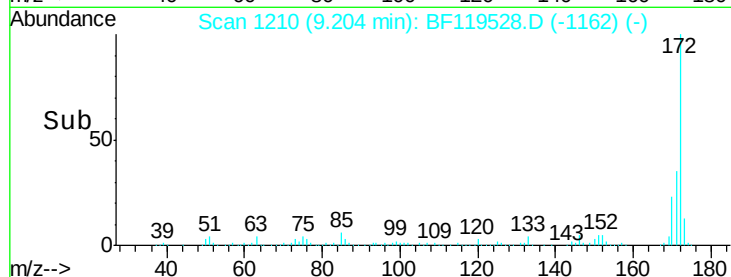
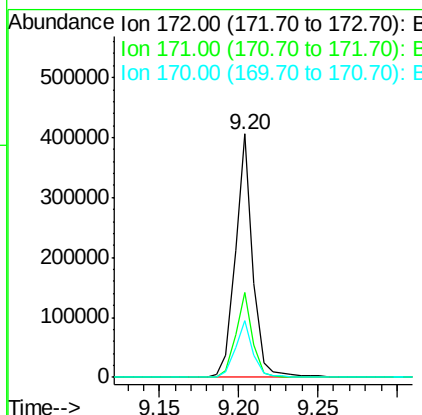
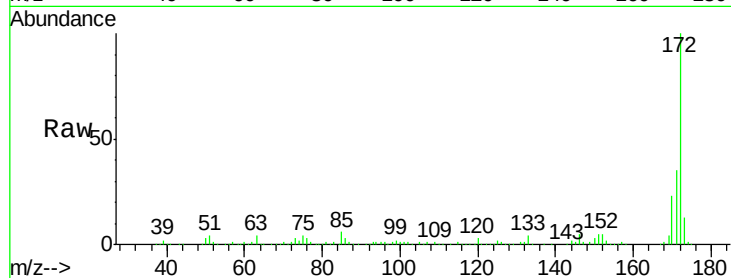




#45
 2-Fluorobiphenyl
 Concen: 8.406 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF119528.D
 Acq: 26 Mar 2020 5:28

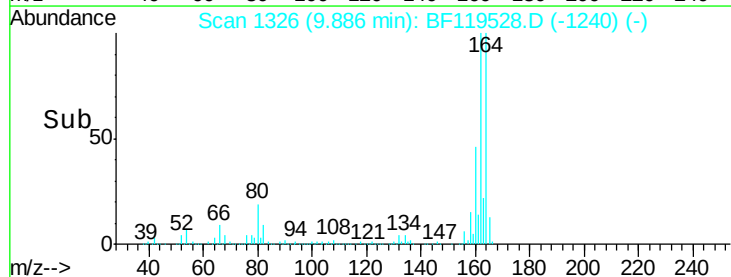
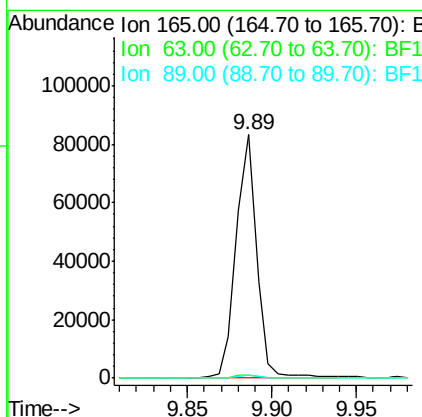
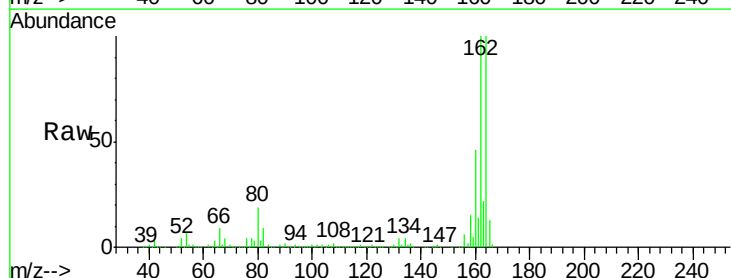
Instrument :
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 NB-08-032420

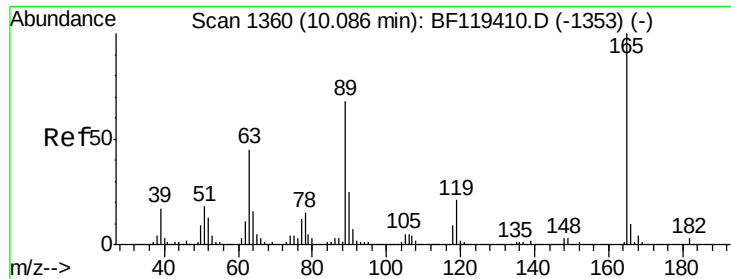
Tgt Ion:172 Resp: 308133
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.9 44.9
 170 23.4 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 8.592 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119528.D
 Acq: 26 Mar 2020 5:28

Tgt Ion:165 Resp: 71038
 Ion Ratio Lower Upper
 165 100
 63 1.4 57.3 85.9#
 89 1.5 47.8 71.8#





#57

2,4-Dinitrotoluene

Concen: 6.861 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF119528.D

Acq: 26 Mar 2020 5:28

Instrument :

BNA_F

ClientSampleId :

NB-08-032420

Tgt Ion:165 Resp: 71463

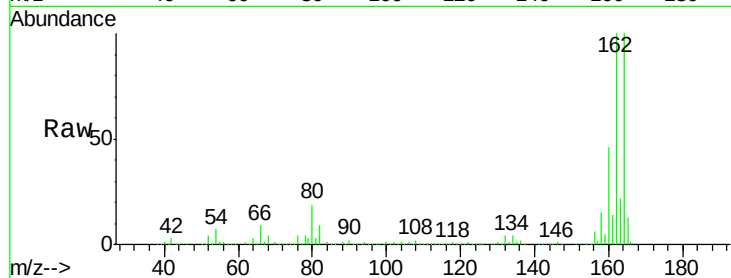
Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

89 1.5 54.3 81.5#

182 0.0 2.0 3.0#

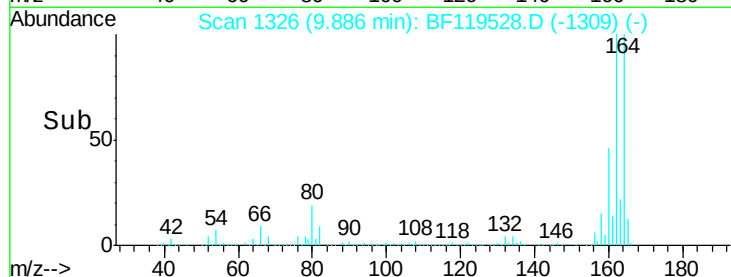


Abundance Ion 165.00 (164.70 to 165.70): E

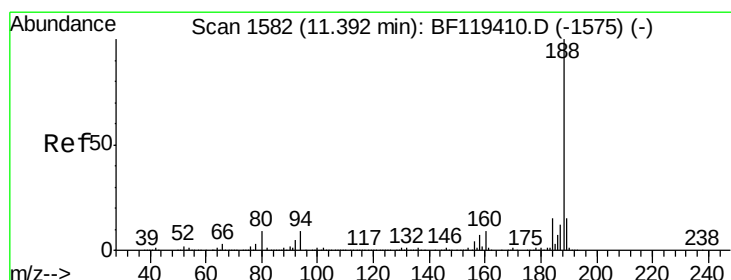
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.80 9.90



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119528.D

Acq: 26 Mar 2020 5:28

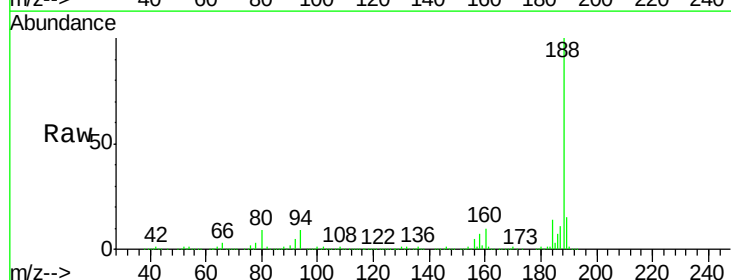
Tgt Ion:188 Resp: 857464

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

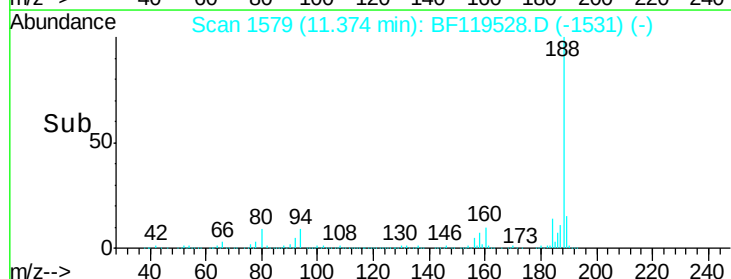
80 9.0 7.5 11.3



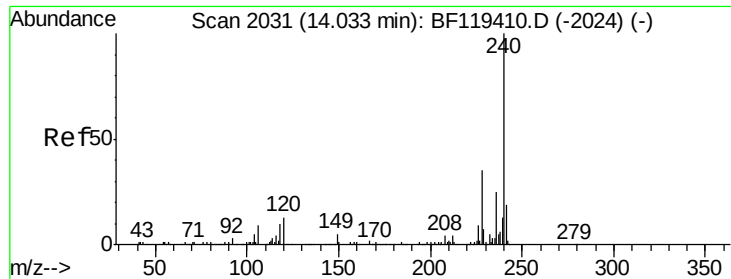
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



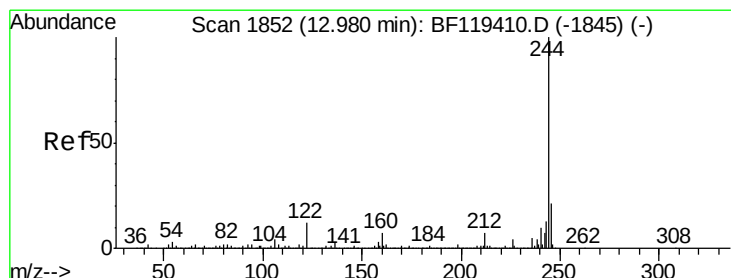
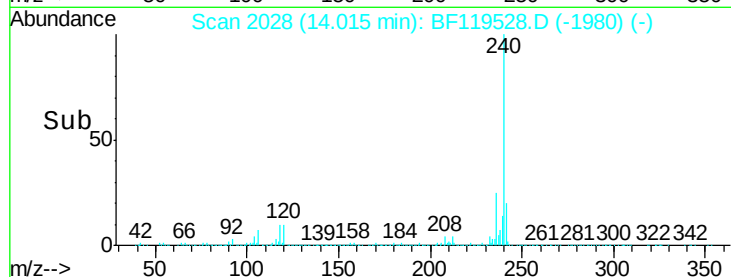
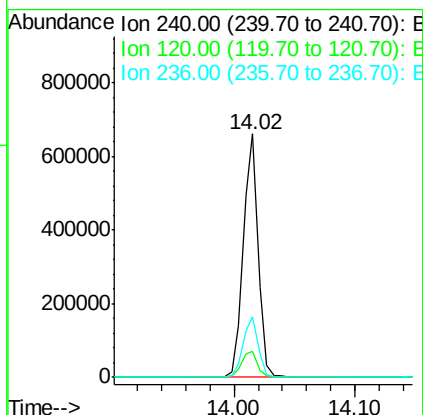
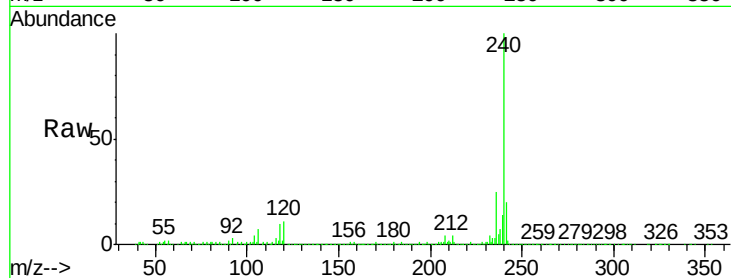
Time--> 11.35 11.40



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119528.D
Acq: 26 Mar 2020 5:28

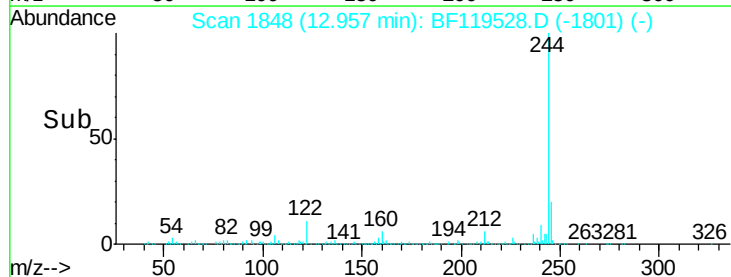
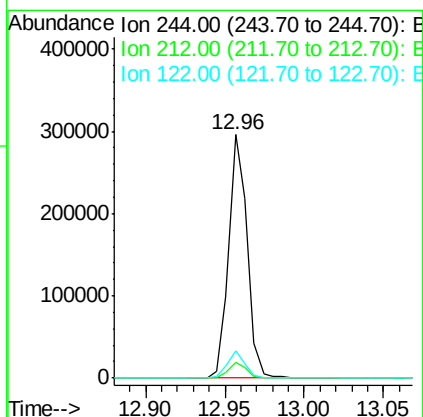
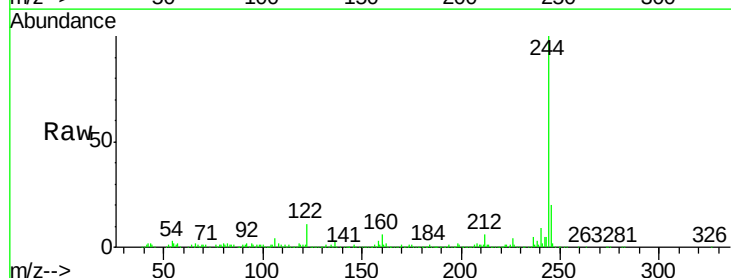
Instrument :
BNA_F
ClientSampleId :
NB-08-032420

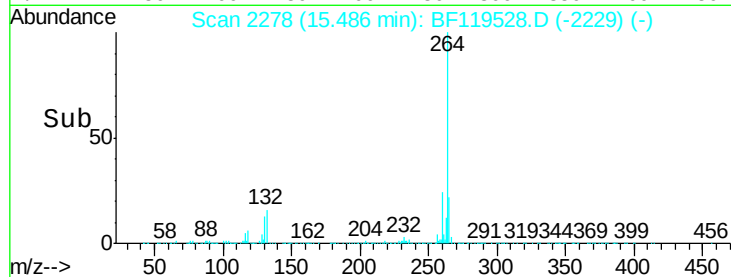
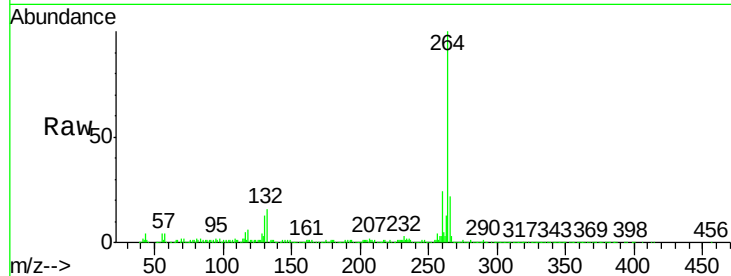
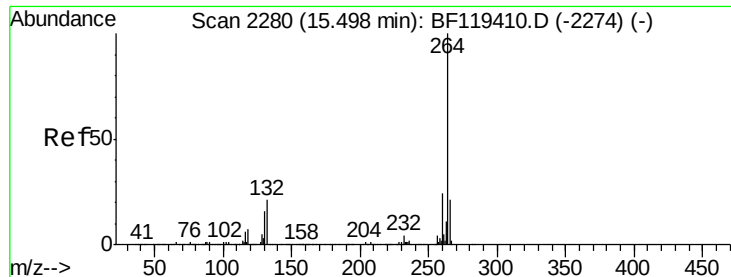
Tgt Ion:240 Resp: 569779
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.1 20.4 30.6



#79
Terphenyl-d14
Concen: 8.222 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BF119528.D
Acq: 26 Mar 2020 5:28

Tgt Ion:244 Resp: 239103
Ion Ratio Lower Upper
244 100
212 6.3 5.7 8.5
122 11.0 9.8 14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119528.D
Acq: 26 Mar 2020 5:28

Instrument :
BNA_F
ClientSampleId :
NB-08-032420

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	16.9	25.3

