

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113575.D
 Acq On : 4 Apr 2019 7:16
 Operator : JU/SJ
 Sample : K2180-03DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7DL

Quant Time: Apr 04 09:08:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

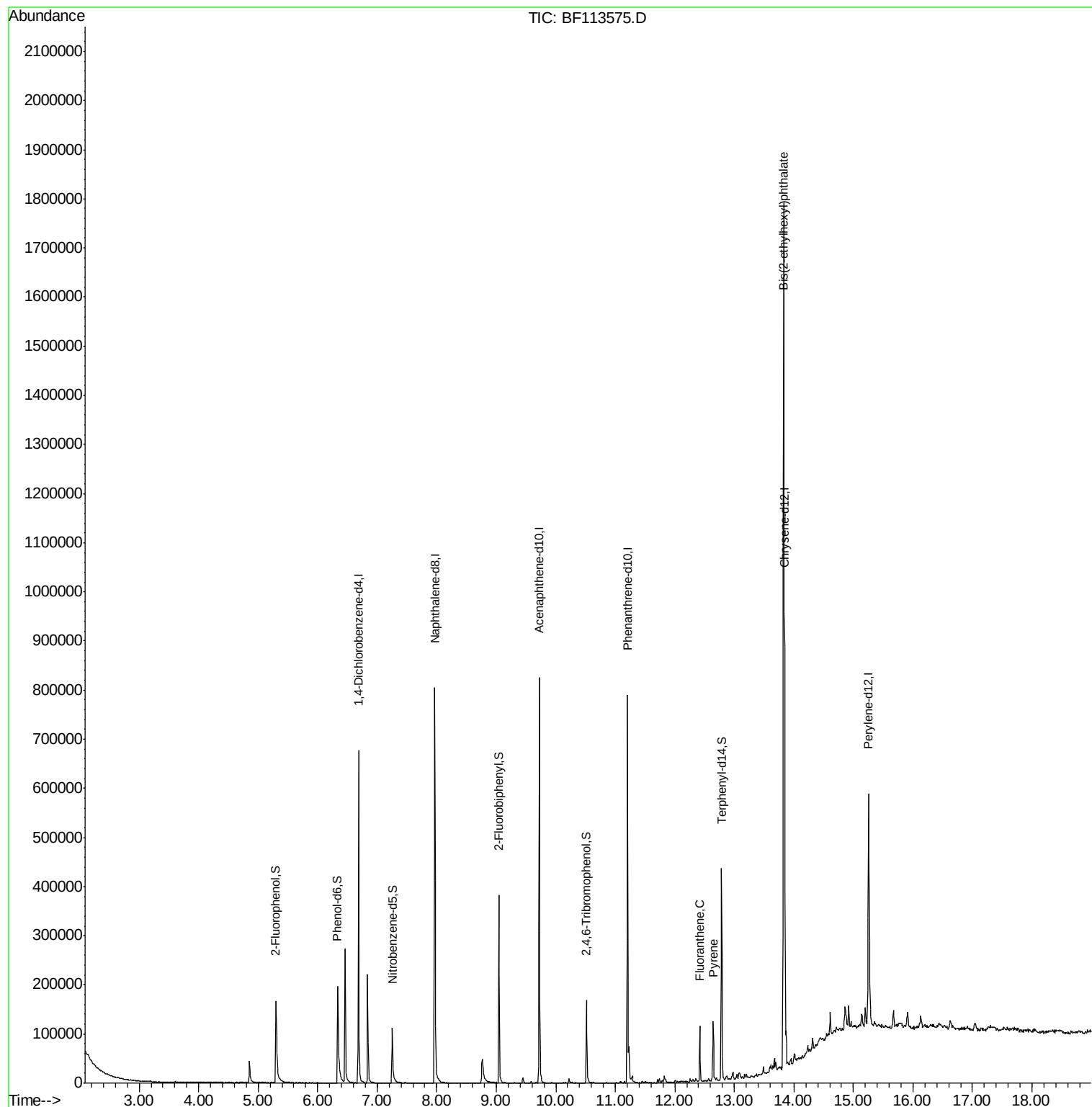
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107702	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	379887	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	160977	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	320611	20.00	ng	0.00
76) Chrysene-d12	13.84	240	292800	20.00	ng	0.00
87) Perylene-d12	15.26	264	228740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	81195	12.86	ng	0.00
7) Phenol-d6	6.33	99	111680	14.35	ng	0.00
23) Nitrobenzene-d5	7.25	82	55475	8.55	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	25756	13.32	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	122902	12.29	ng	0.00
79) Terphenyl-d14	12.79	244	142466	9.91	ng	0.00
Target Compounds						
75) Fluoranthene	12.42	202	54679	3.203	ng	97
78) Pyrene	12.65	202	51667	2.319	ng	96
84) Bis(2-ethylhexyl)phthalate	13.83	149	481840	43.945	ng	99

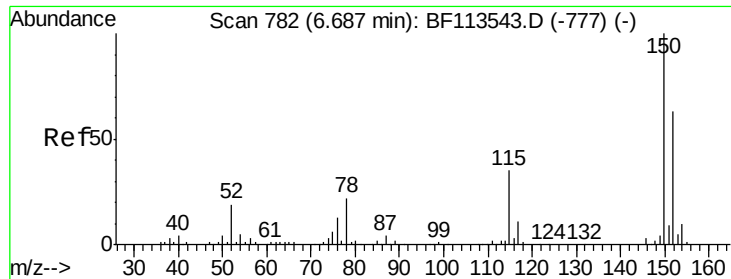
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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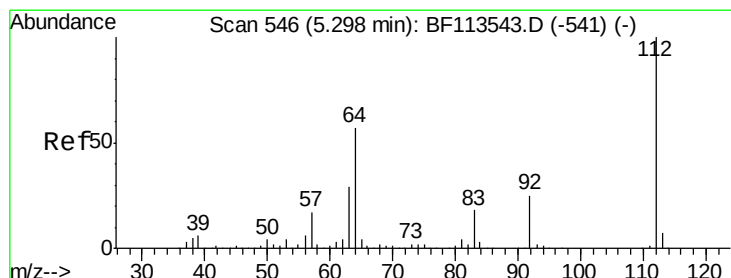
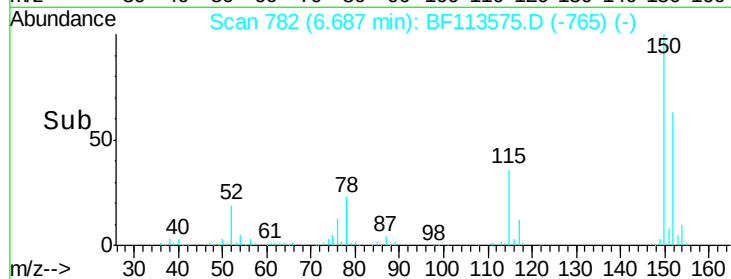
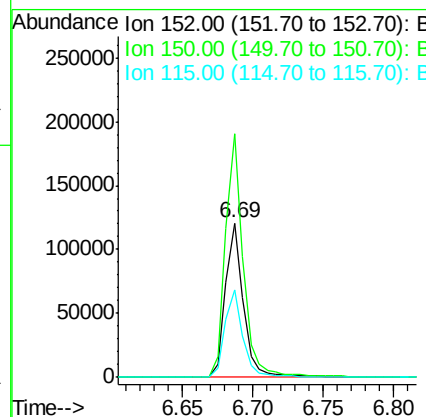
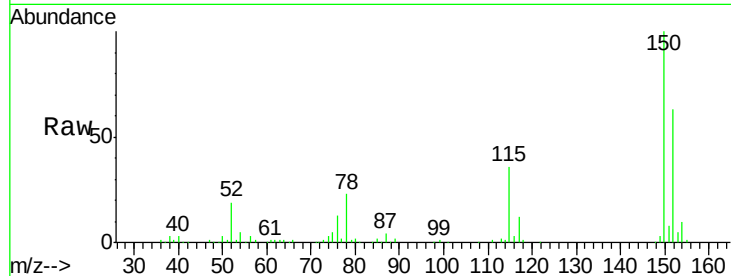




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF113575.D
 Acq: 4 Apr 2019 7:16

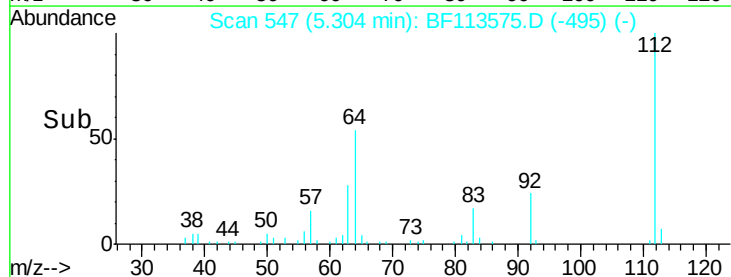
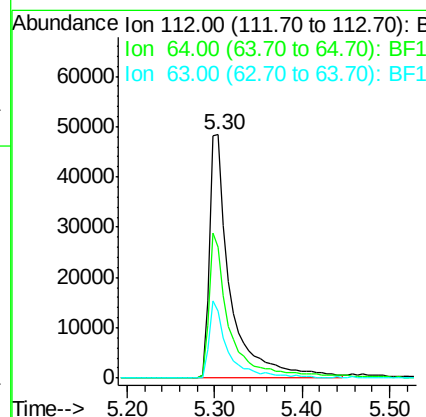
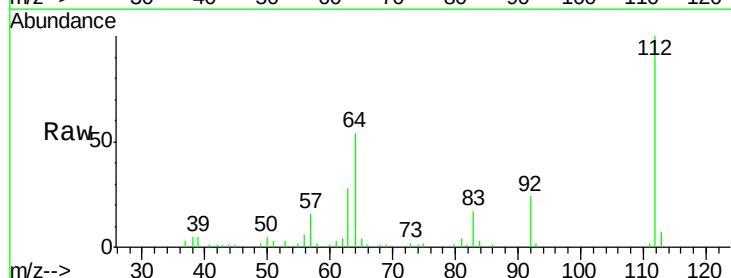
Instrument :
 BNA_F
 ClientSampleId :
 TP-7DL

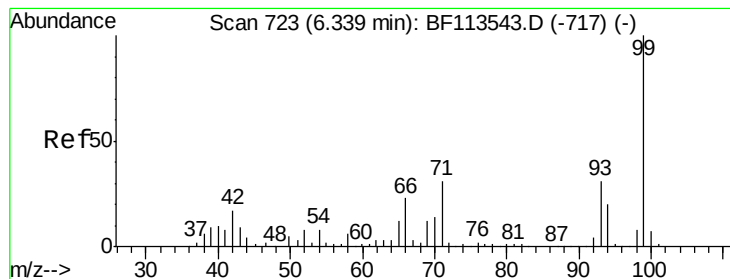
Tgt Ion:152 Resp: 107702
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 56.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 12.855 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF113575.D
 Acq: 4 Apr 2019 7:16

Tgt Ion:112 Resp: 81195
 Ion Ratio Lower Upper
 112 100
 64 53.6 49.2 73.8
 63 27.6 24.9 37.3





#7

Phenol-d6

Concen: 14.346 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

TP-7DL

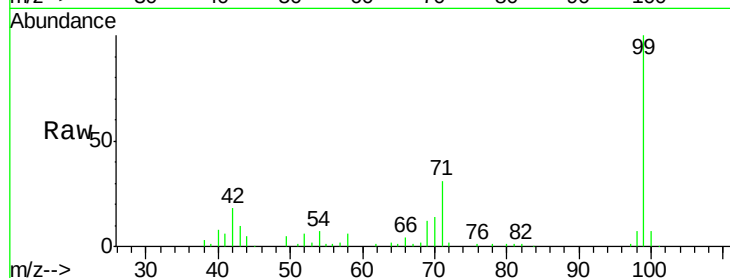
Tgt Ion: 99 Resp: 111680

Ion Ratio Lower Upper

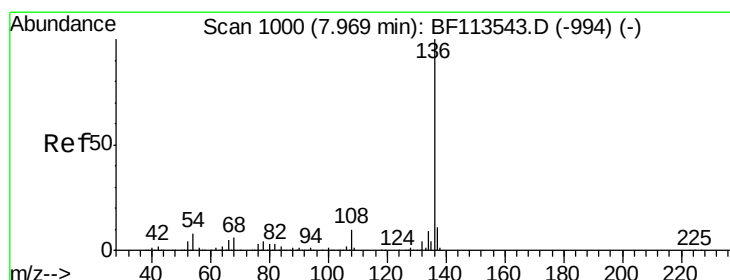
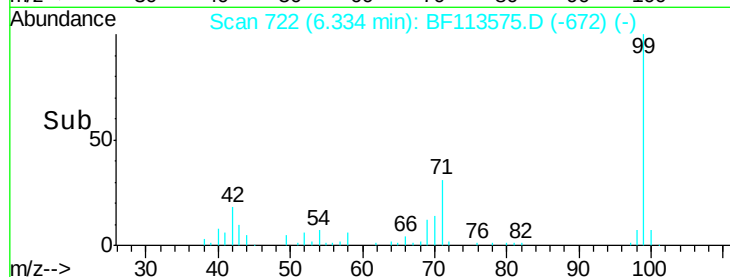
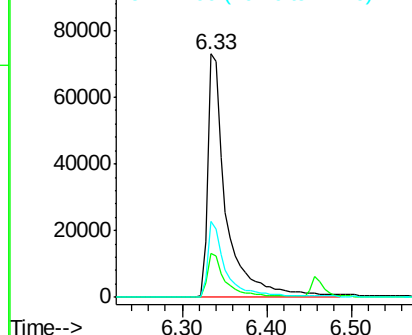
99 100

42 17.8 14.8 22.2

71 31.0 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

Tgt Ion: 136 Resp: 379887

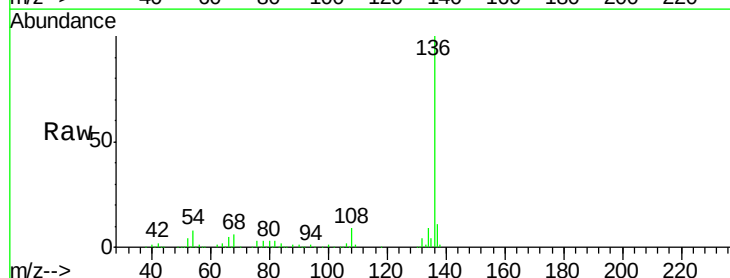
Ion Ratio Lower Upper

136 100

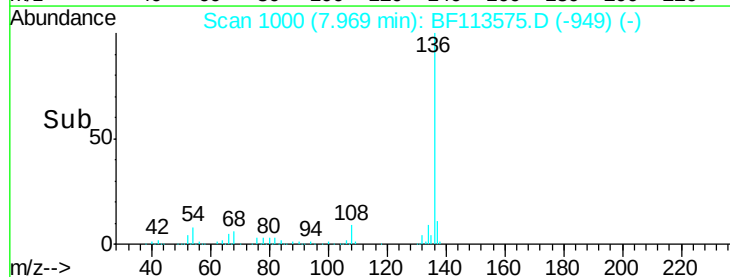
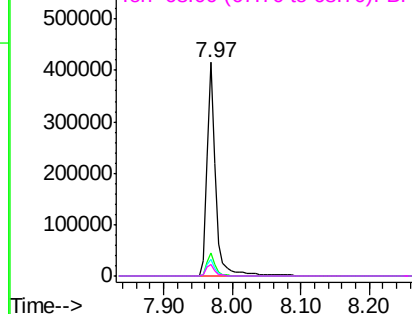
137 10.8 8.9 13.3

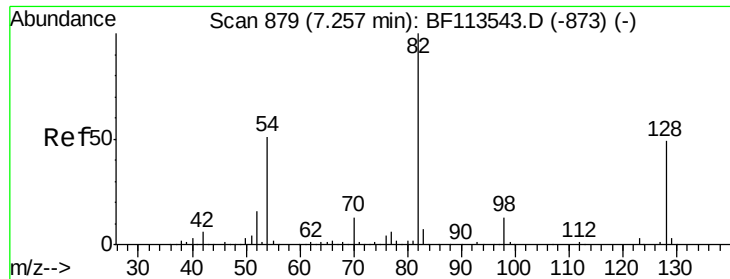
54 7.5 7.0 10.6

68 5.7 4.8 7.2



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

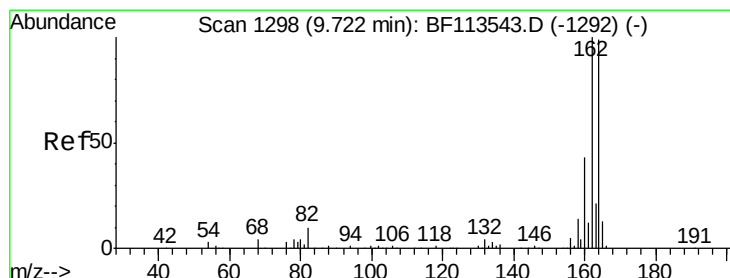
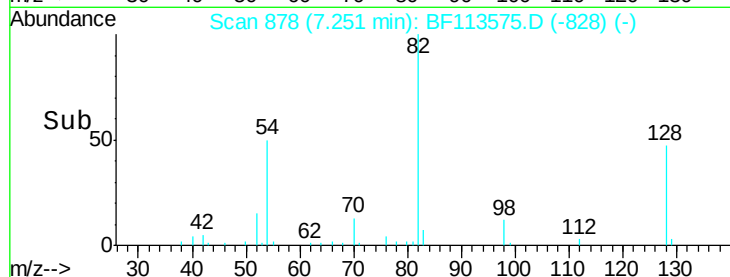
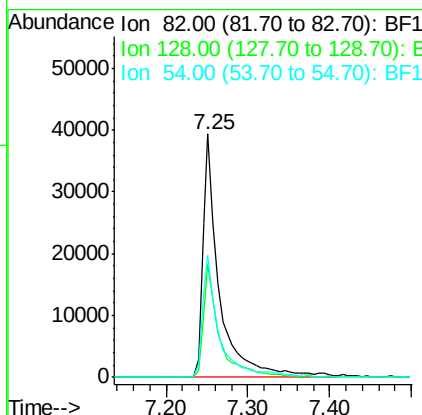
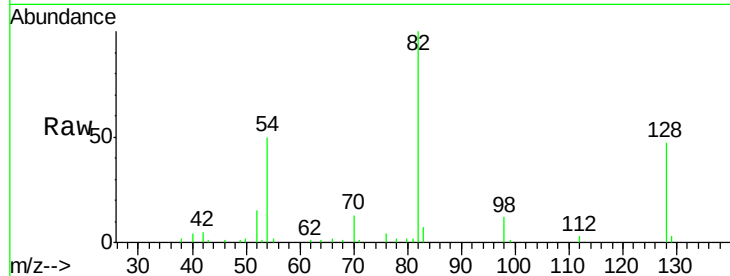




#23
 Nitrobenzene-d5
 Concen: 8.554 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113575.D
 Acq: 4 Apr 2019 7:16

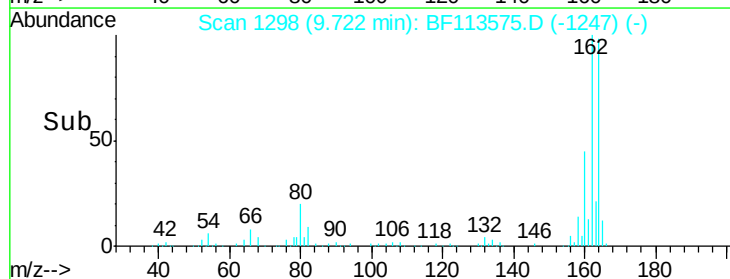
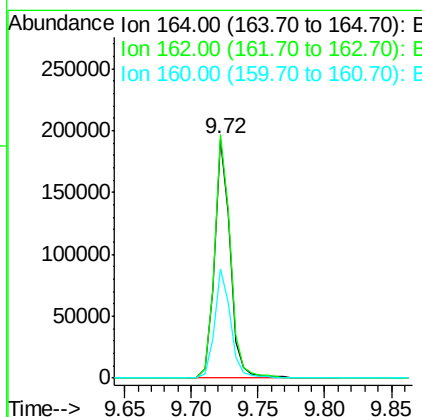
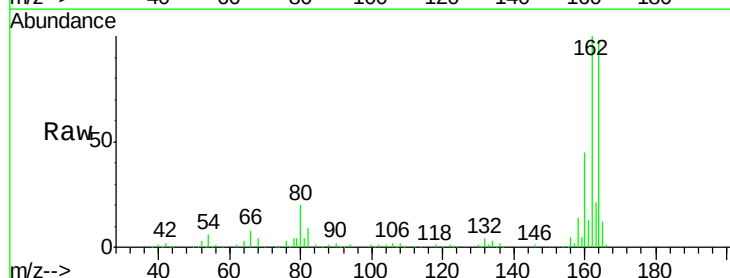
Instrument :
 BNA_F
 ClientSampleID :
 TP-7DL

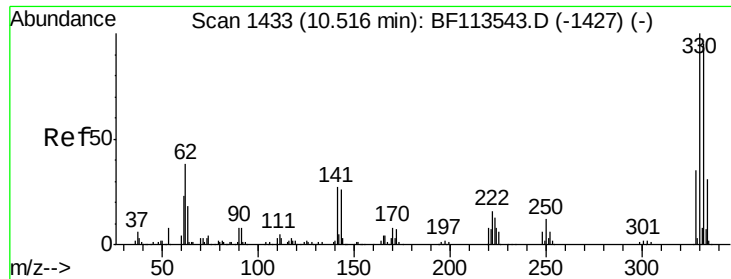
Tgt Ion: 82 Resp: 55475
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 50.3 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF113575.D
 Acq: 4 Apr 2019 7:16

Tgt Ion: 164 Resp: 160977
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.8 122.6
 160 45.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 13.319 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

TP-7DL

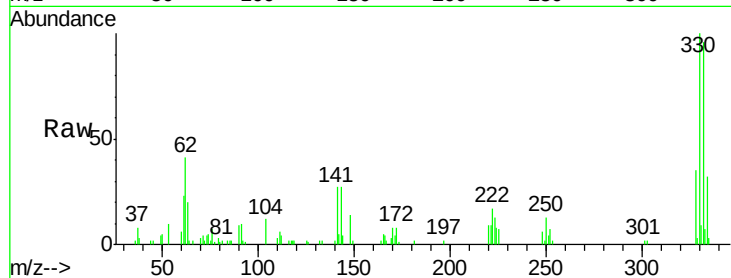
Tgt Ion:330 Resp: 25756

Ion Ratio Lower Upper

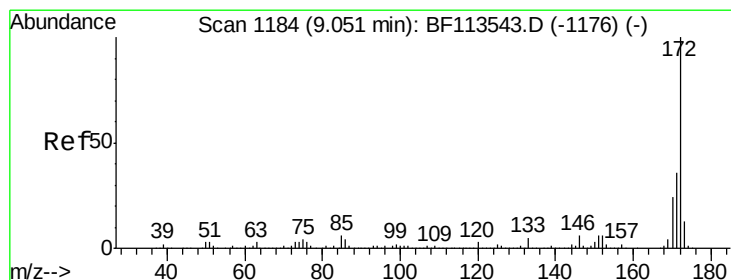
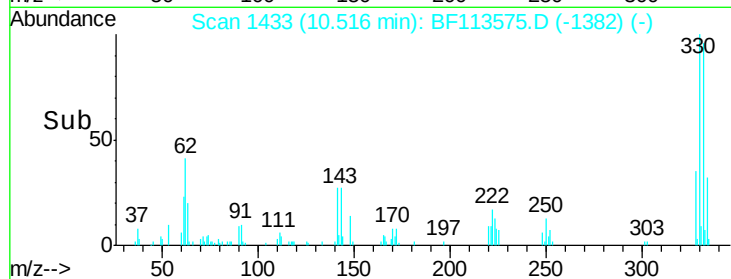
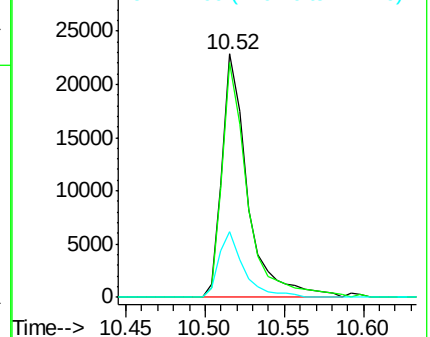
330 100

332 96.1 77.8 116.6

141 26.5 22.7 34.1



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: 12.291 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

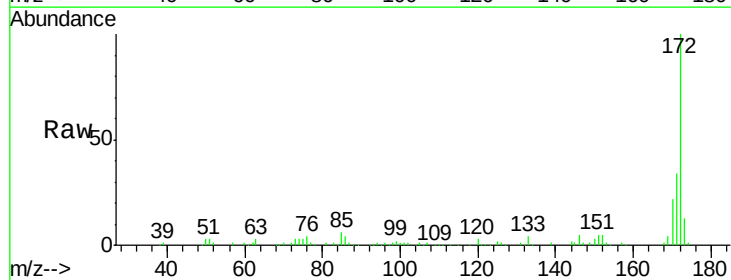
Tgt Ion:172 Resp: 122902

Ion Ratio Lower Upper

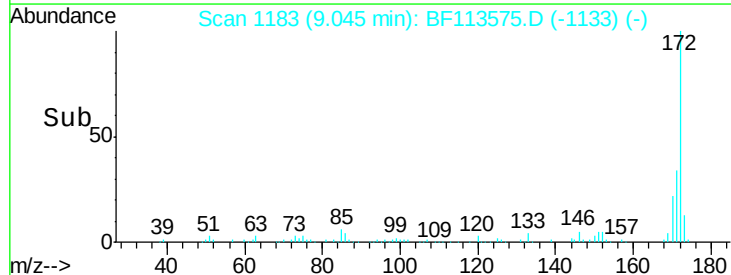
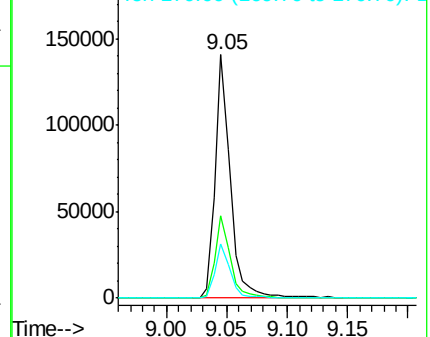
172 100

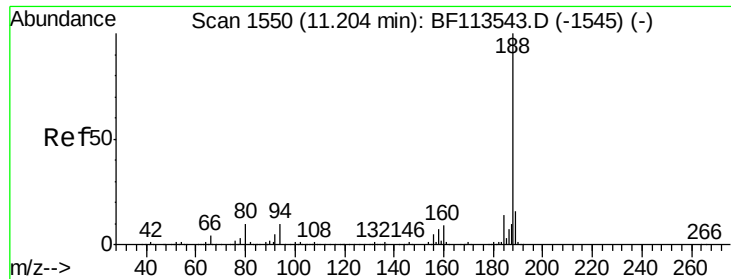
171 34.0 29.0 43.6

170 22.2 19.5 29.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

TP-7DL

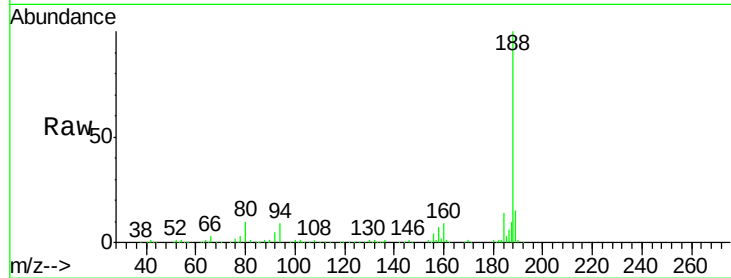
Tgt Ion:188 Resp: 320611

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

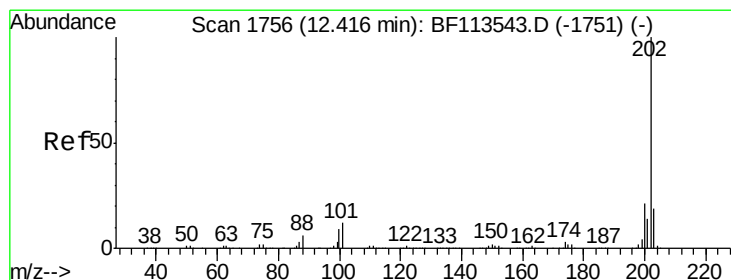
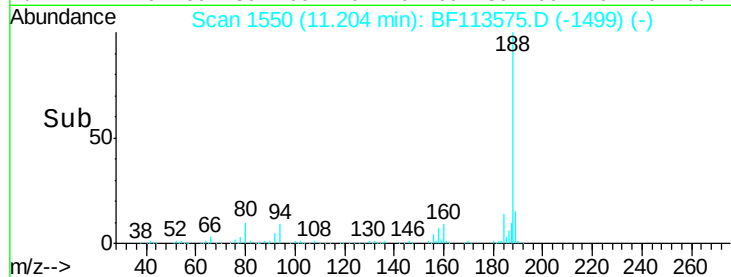
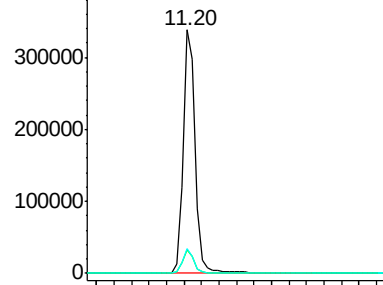
80 10.0 7.7 11.5



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



#75

Fluoranthene

Concen: 3.203 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

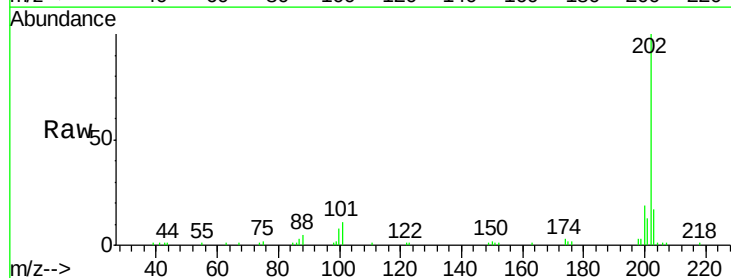
Tgt Ion:202 Resp: 54679

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

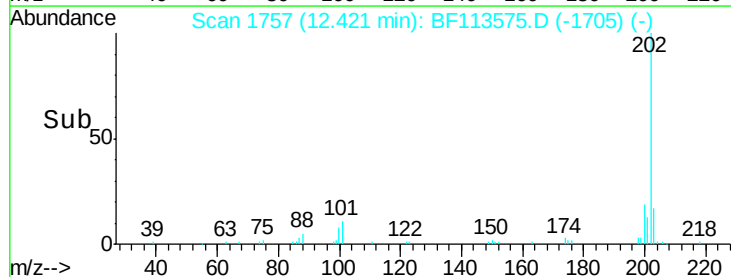
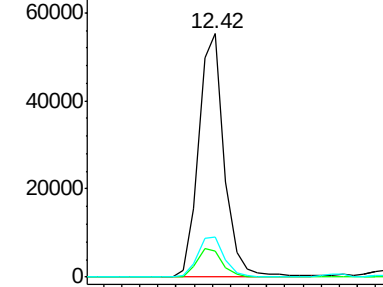
203 16.6 0.0 38.0

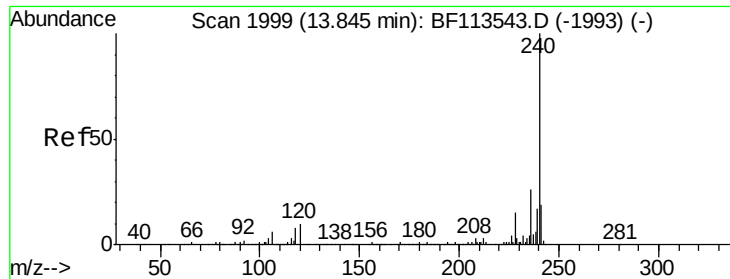


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

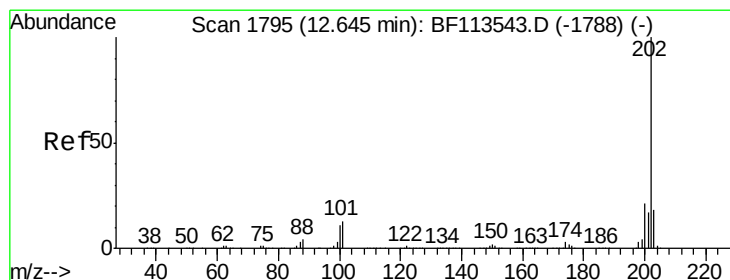
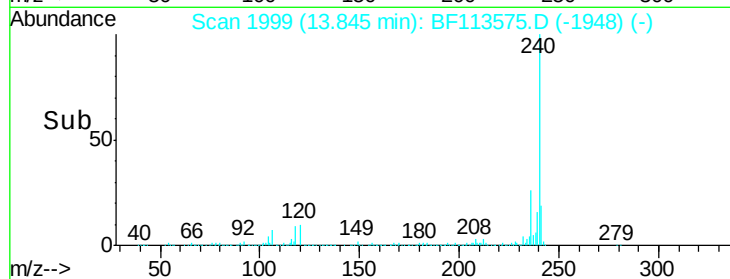
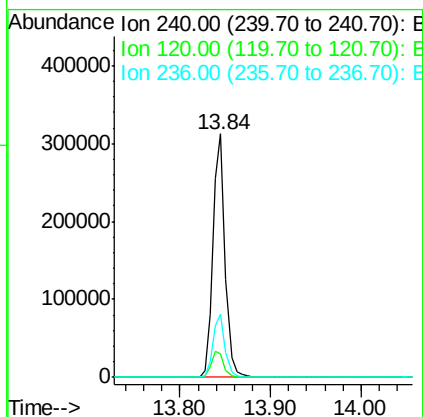
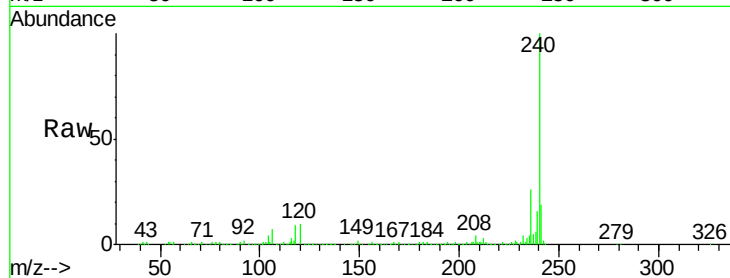




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113575.D
Acq: 4 Apr 2019 7:16

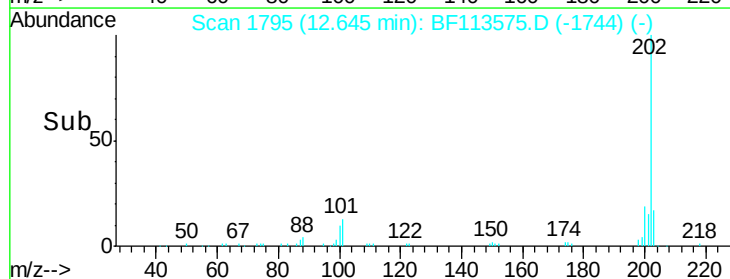
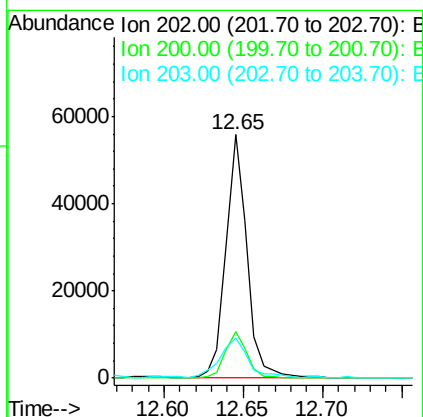
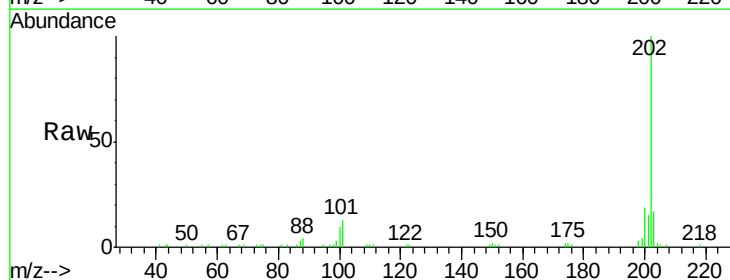
Instrument :
BNA_F
ClientSampleId :
TP-7DL

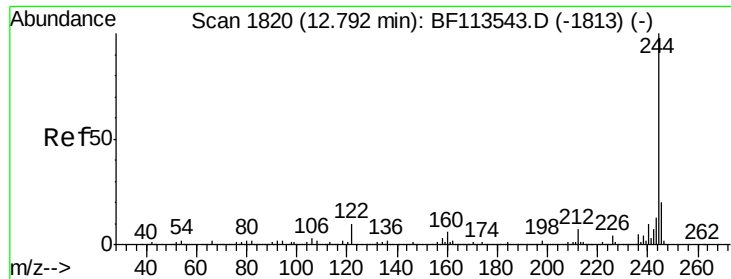
Tgt Ion:240 Resp: 292800
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 25.7 20.9 31.3



#78
Pyrene
Concen: 2.319 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF113575.D
Acq: 4 Apr 2019 7:16

Tgt Ion:202 Resp: 51667
Ion Ratio Lower Upper
202 100
200 18.9 16.8 25.2
203 16.6 14.4 21.6





#79

Terphenyl-d14

Concen: 9.907 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

TP-7DL

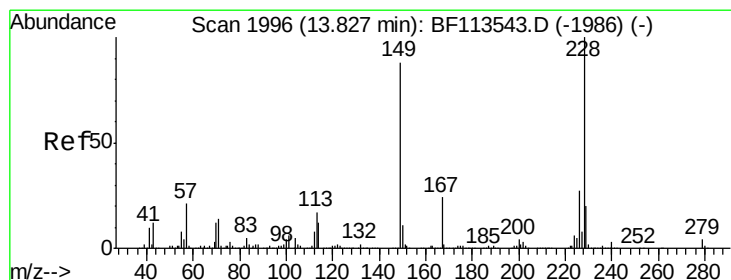
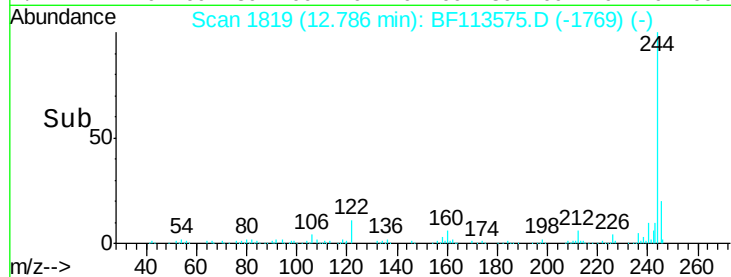
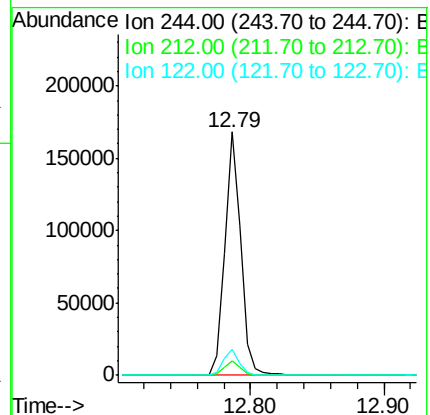
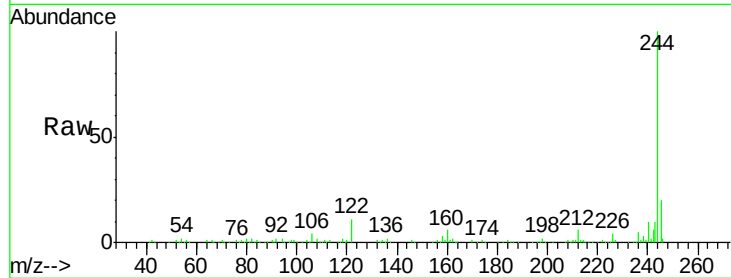
Tgt Ion:244 Resp: 142466

Ion Ratio Lower Upper

244 100

212 6.1 5.5 8.3

122 10.9 8.6 13.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.945 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113575.D

Acq: 4 Apr 2019 7:16

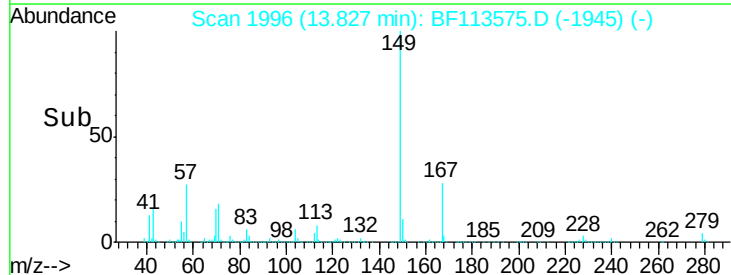
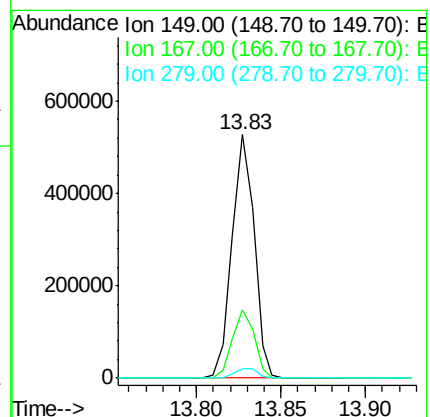
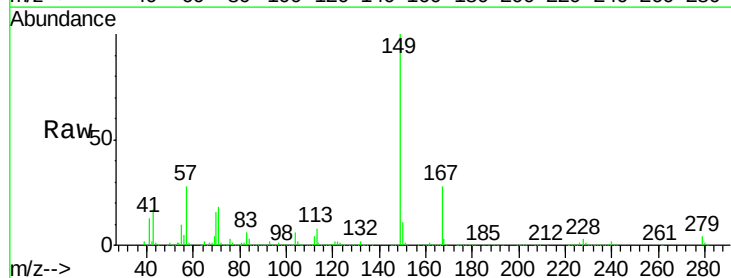
Tgt Ion:149 Resp: 481840

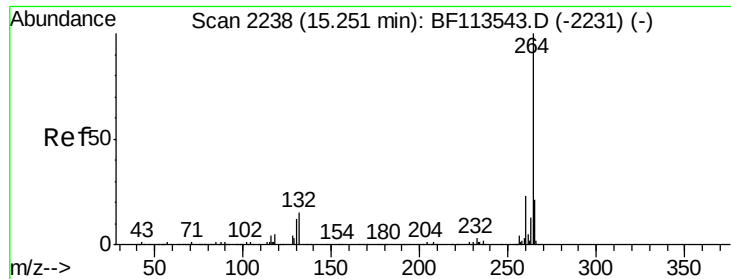
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 4.0 2.9 4.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113575.D
Acq: 4 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
TP-7DL

Tgt Ion: 264 Resp: 228740
Ion Ratio Lower Upper
264 100
260 22.2 19.1 28.7
265 21.2 17.1 25.7

