

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081619\
 Data File : BF116315.D
 Acq On : 16 Aug 2019 12:00
 Operator : HP/JU
 Sample : K4329-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 16 12:28:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

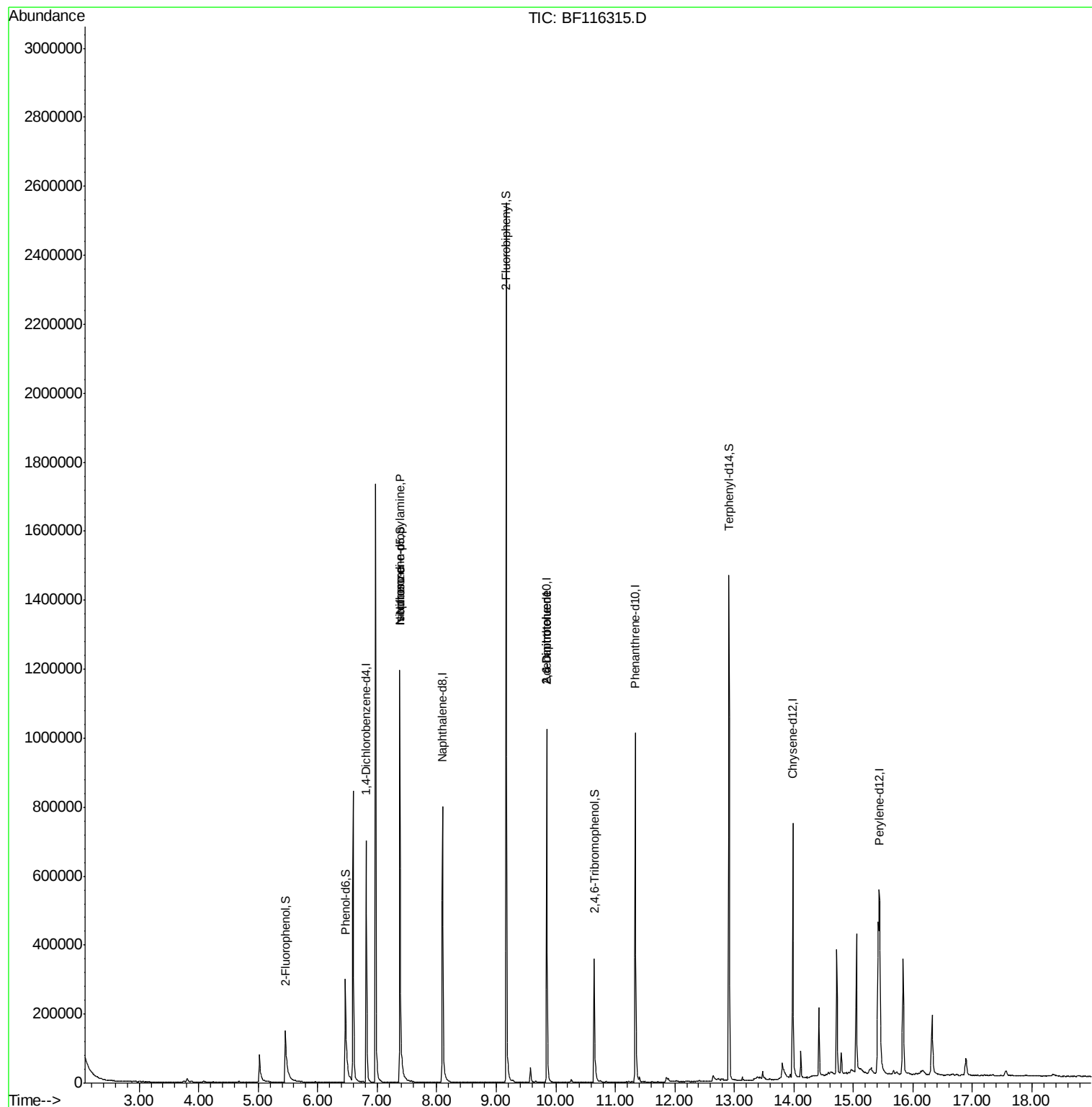
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109262	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	436662	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	240261	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	436324	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	294415	20.00	ng	-0.03
87) Perylene-d12	15.44	264	303765	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	115602	17.71	ng	-0.01
7) Phenol-d6	6.46	99	186967	22.70	ng	-0.02
23) Nitrobenzene-d5	7.38	82	469525	62.07	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	62644	26.89	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	794038	61.90	ng	-0.04
79) Terphenyl-d14	12.91	244	485319	34.73	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	60113	11.780	ng	# 79
25) Isophorone	7.38	82	469523	32.459	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	30135	8.477	ng	# 28
57) 2,4-Dinitrotoluene	9.85	165	30135	6.367	ng	# 19

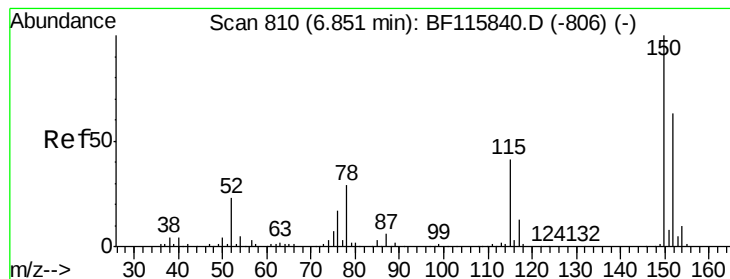
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

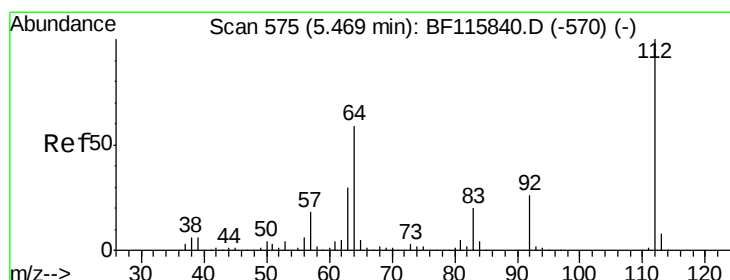
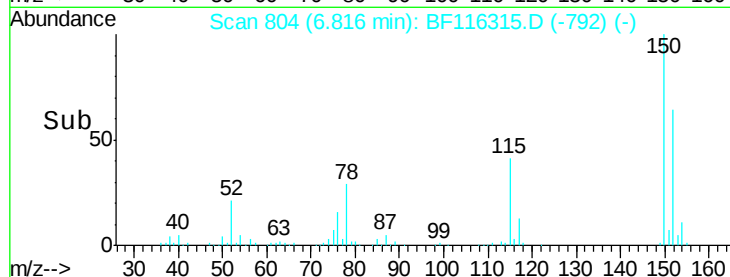
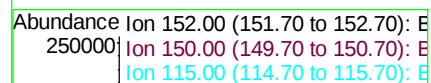
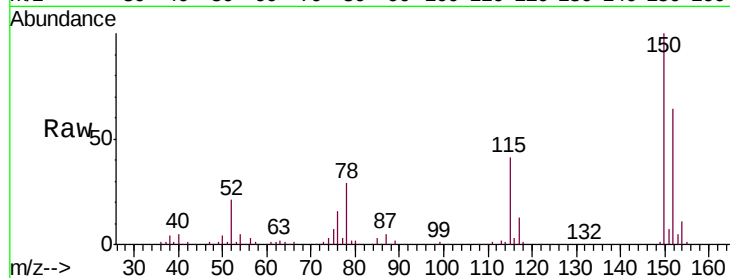
Tgt Ion:152 Resp: 109262

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

115 63.8 49.9 74.9



#5

2-Fluorophenol

Concen: 17.712 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

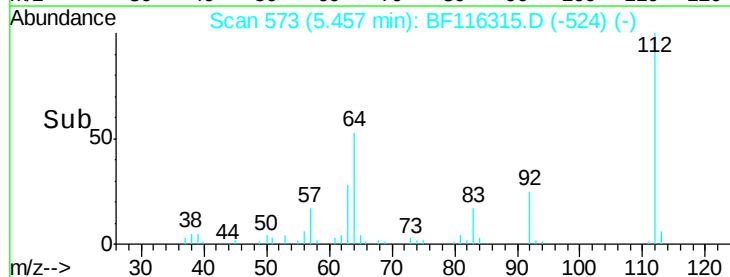
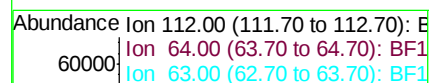
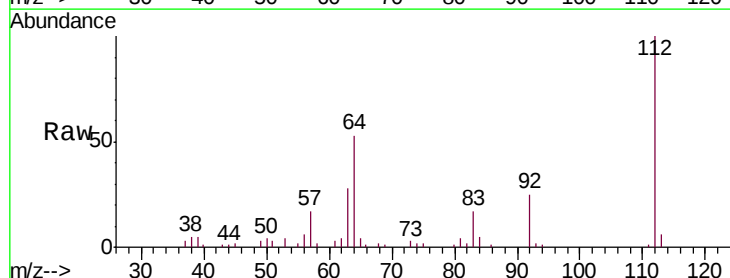
Tgt Ion:112 Resp: 115602

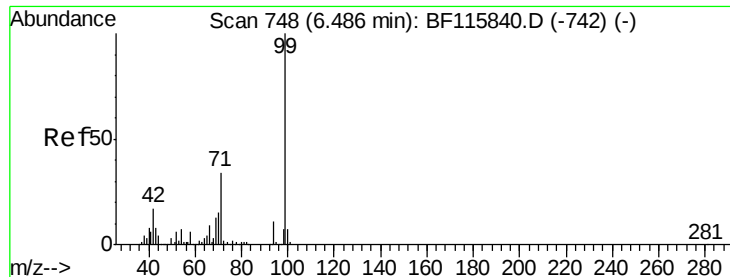
Ion Ratio Lower Upper

112 100

64 53.0 45.4 68.2

63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 22.705 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

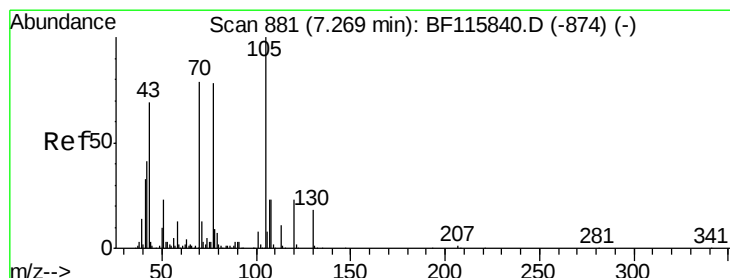
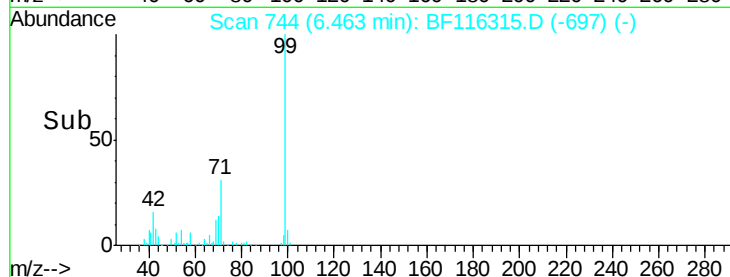
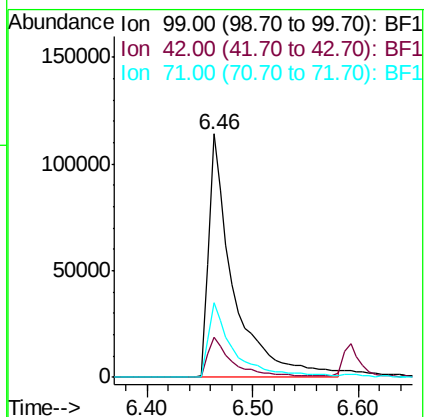
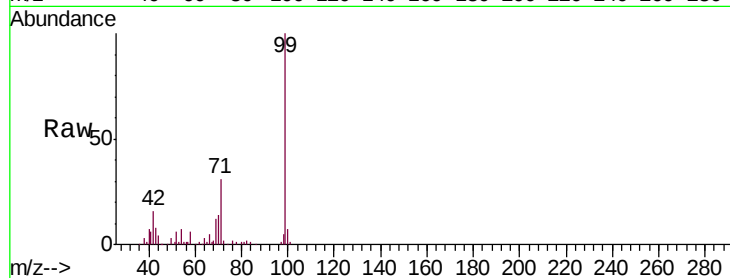
Tgt Ion: 99 Resp: 186967

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

71 30.7 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.780 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Tgt Ion: 70 Resp: 60113

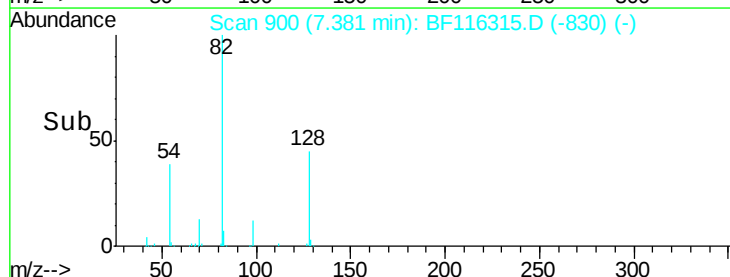
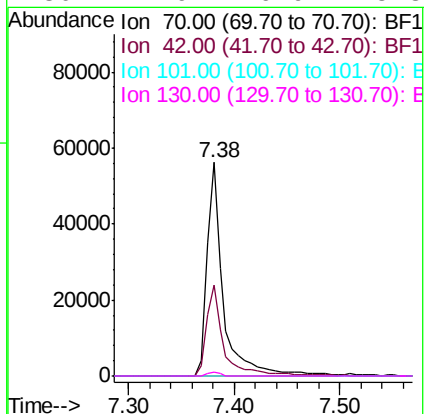
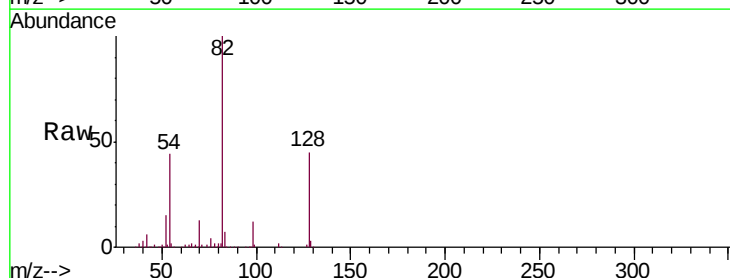
Ion Ratio Lower Upper

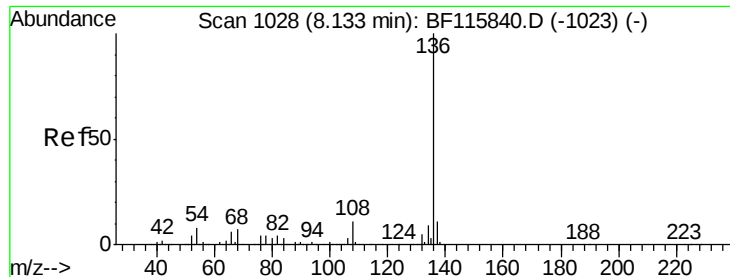
70 100

42 42.5 40.9 61.3

101 0.0 7.9 11.9#

130 1.9 16.9 25.3#

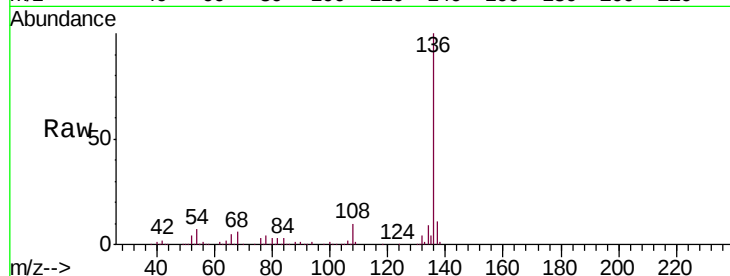




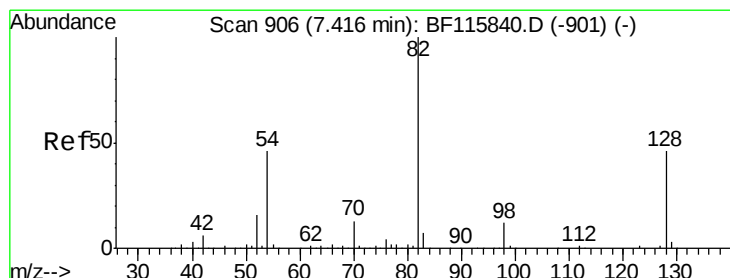
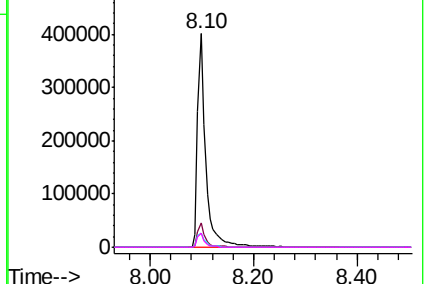
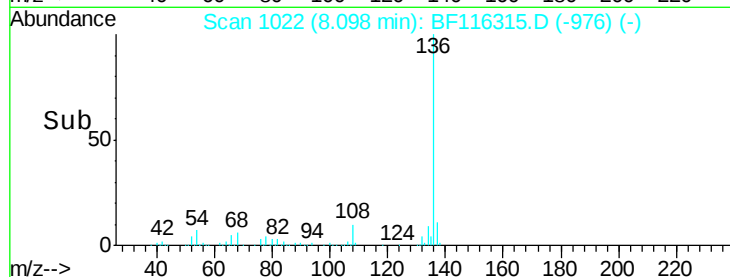
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116315.D
Acq: 16 Aug 2019 12:00

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	436662
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.8	5.8	8.6
68	6.5	5.2	7.8

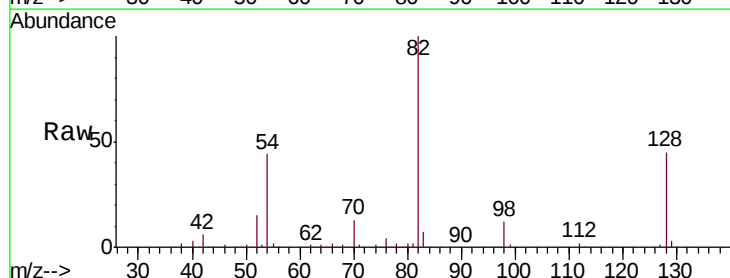


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

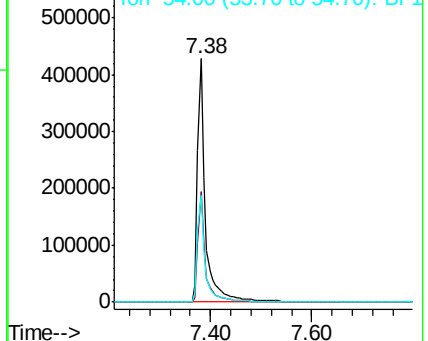
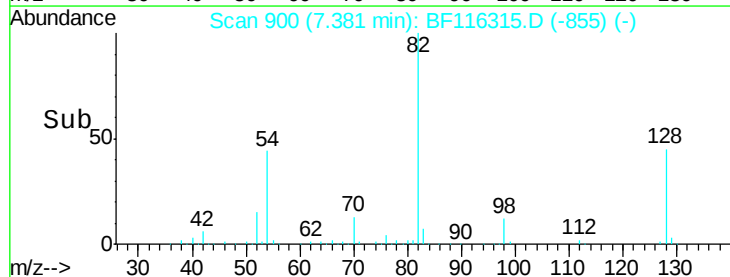


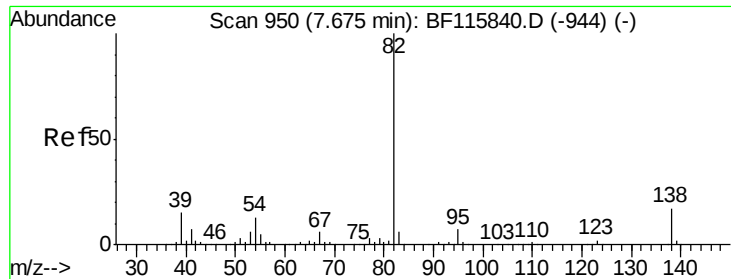
#23
Nitrobenzene-d5
Concen: 62.067 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116315.D
Acq: 16 Aug 2019 12:00

Tgt Ion:	82	Resp:	469525
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.5	54.7
54	44.0	36.0	54.0



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





#25

Isophorone

Concen: 32.459 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

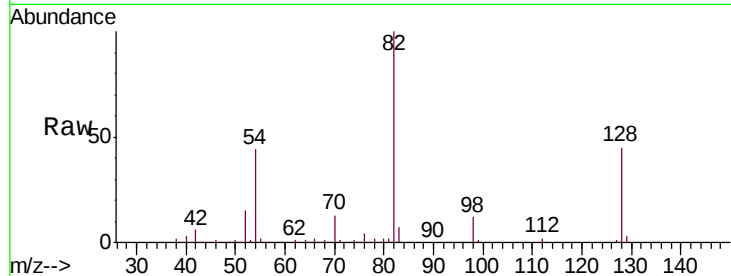
Tgt Ion: 82 Resp: 469523

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

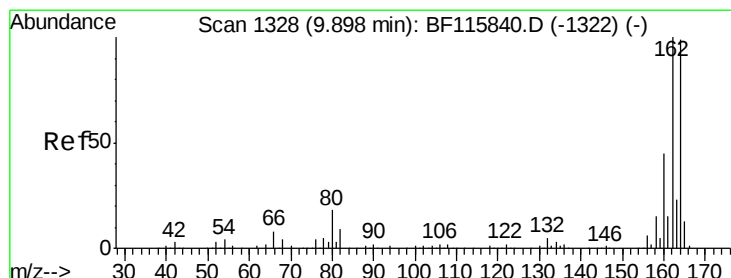
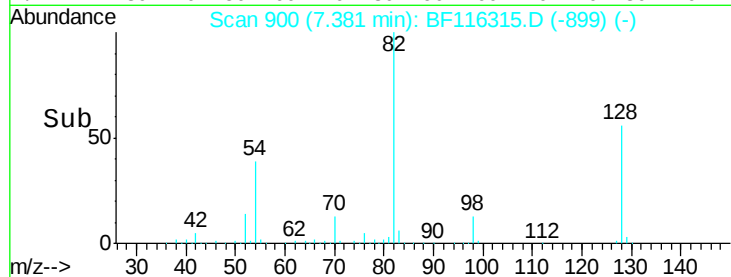
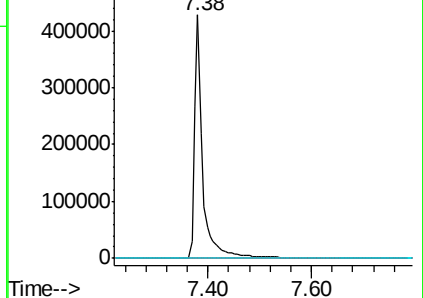
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

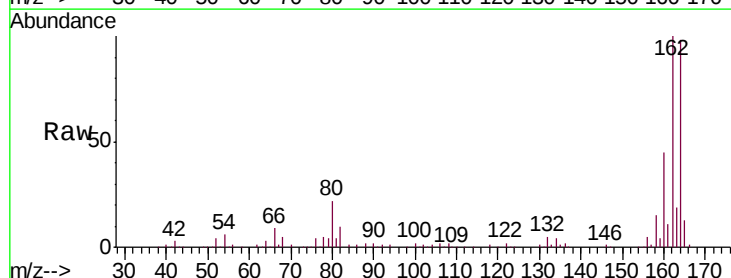
Tgt Ion: 164 Resp: 240261

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

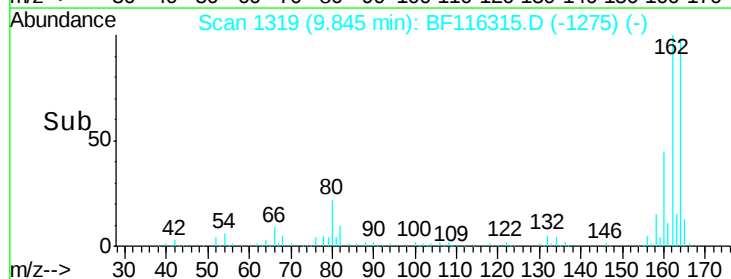
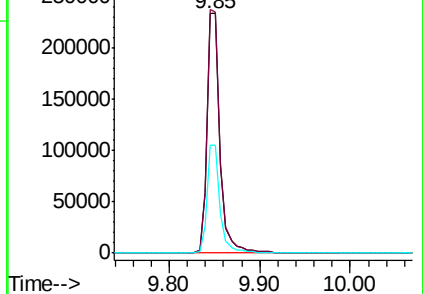
160 45.3 37.6 56.4

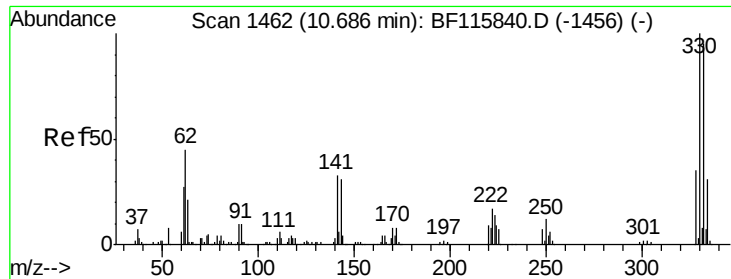


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 26.893 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

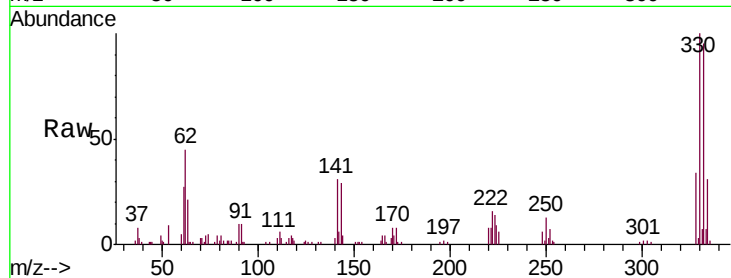
Tgt Ion:330 Resp: 62644

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

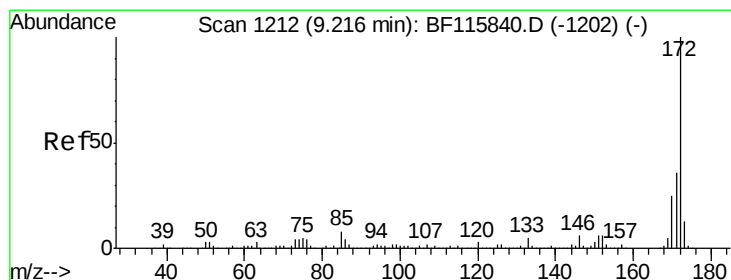
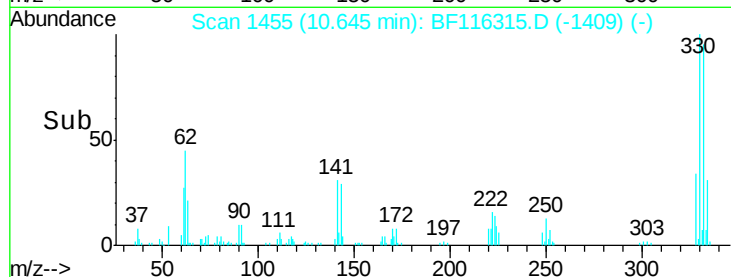
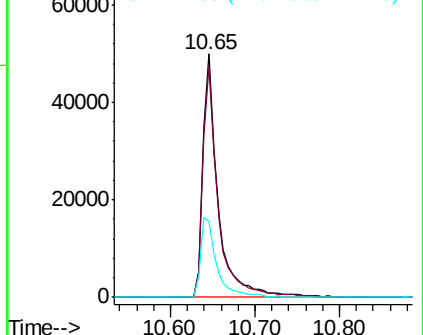
141 34.0 26.3 39.5



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: 61.903 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

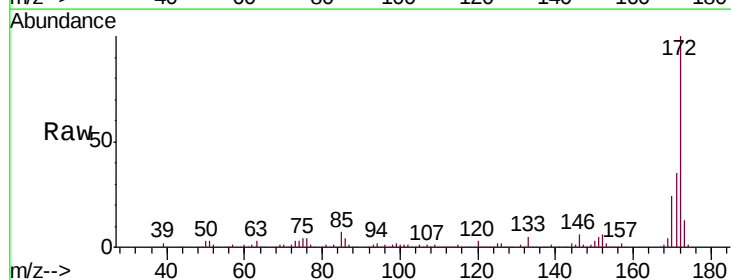
Tgt Ion:172 Resp: 794038

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

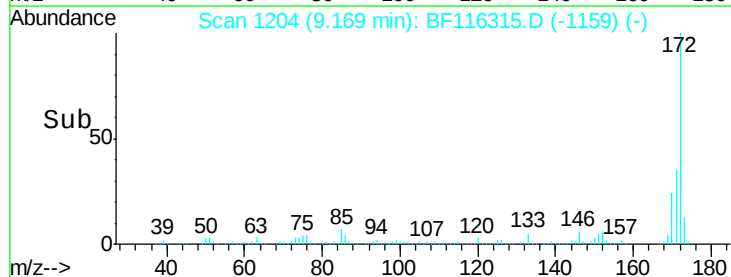
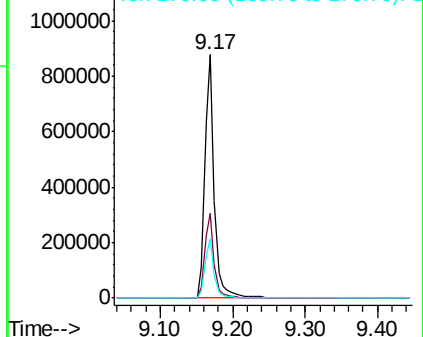
170 24.5 20.1 30.1

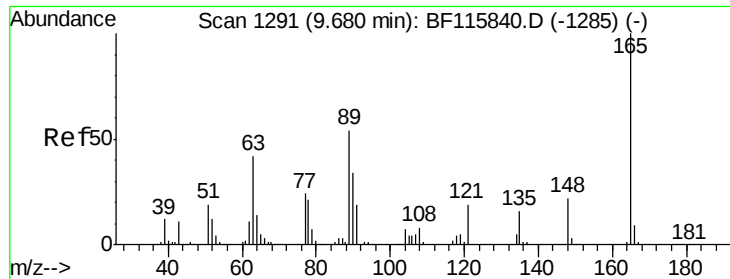


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

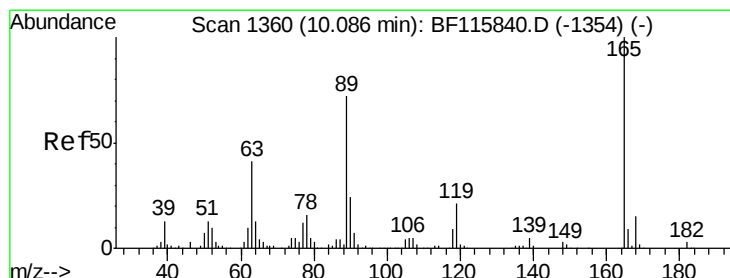
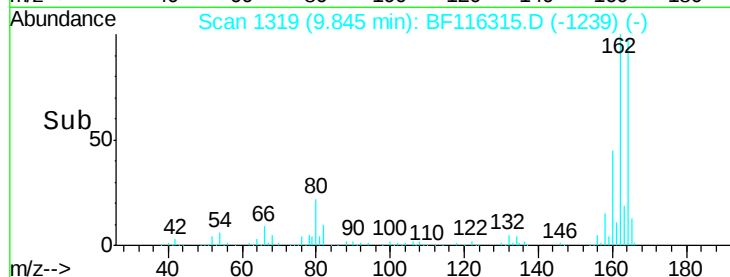
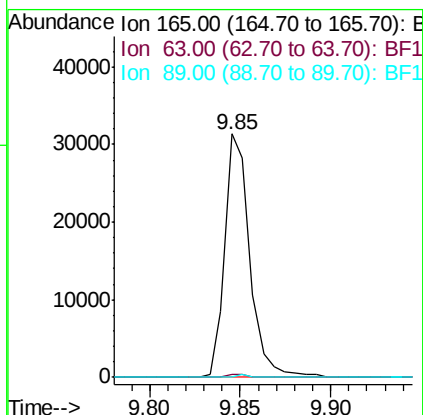
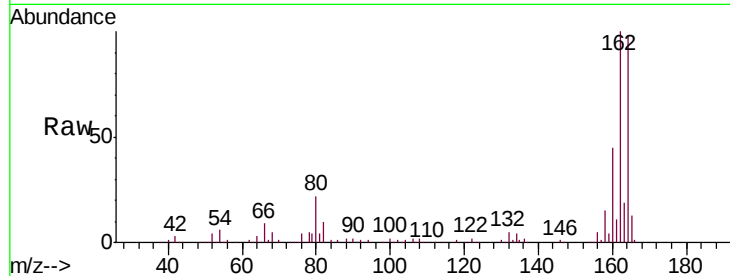




#51
 2,6-Dinitrotoluene
 Concen: 8.477 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.17 min
 Lab File: BF116315.D
 Acq: 16 Aug 2019 12:00

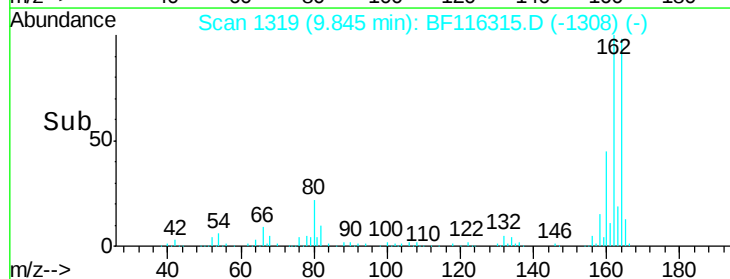
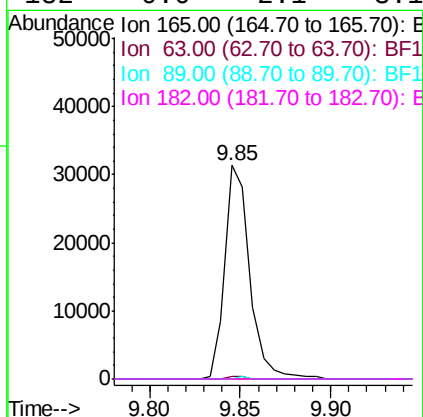
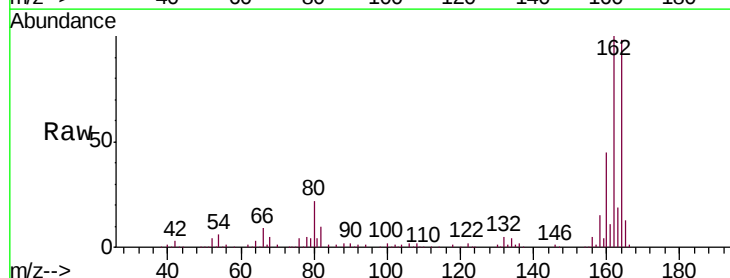
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

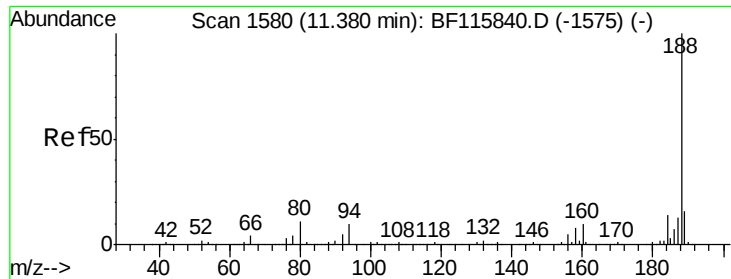
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	0.0	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.367 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.24 min
 Lab File: BF116315.D
 Acq: 16 Aug 2019 12:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	0.0	62.2	93.2#
182	0.0	2.1	3.1#

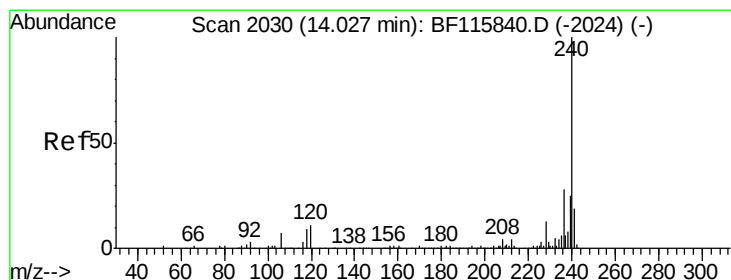
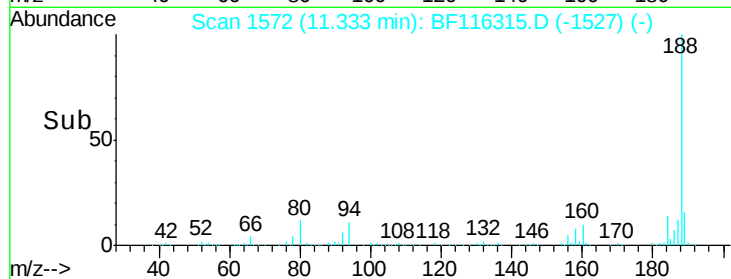
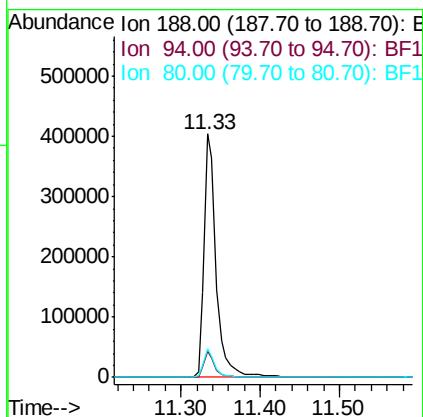
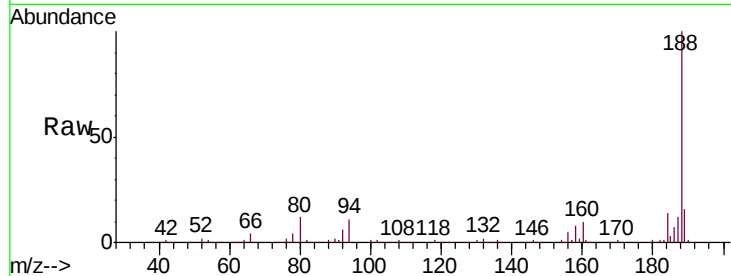




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116315.D
Acq: 16 Aug 2019 12:00

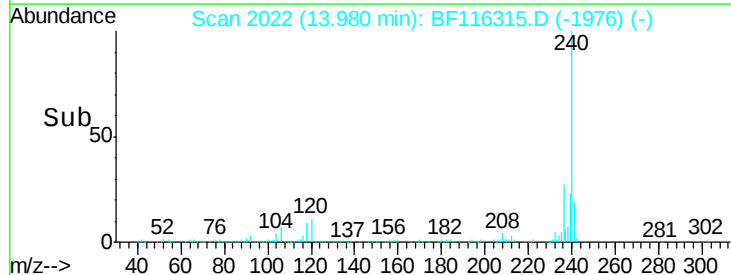
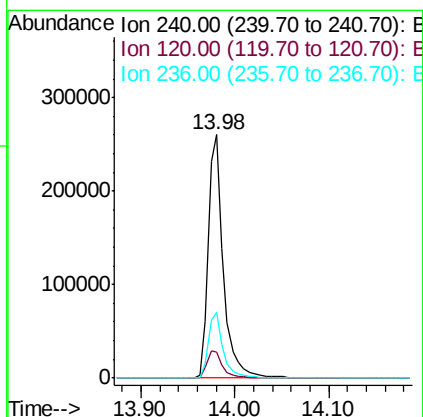
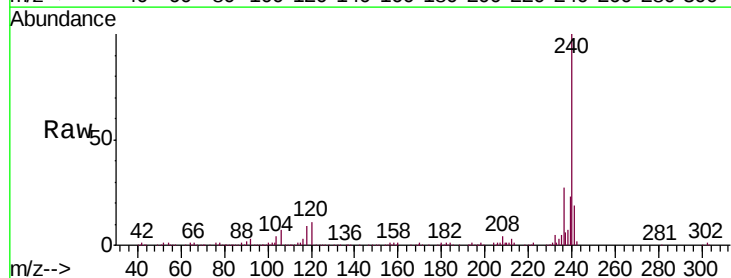
Instrument :
BNA_F
ClientSampleId :
DFTPP

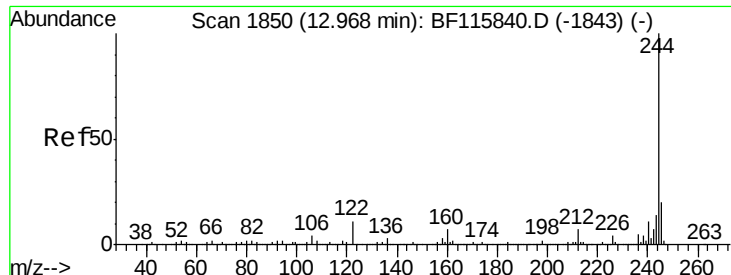
Tgt Ion:188 Resp: 436324
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116315.D
Acq: 16 Aug 2019 12:00

Tgt Ion:240 Resp: 294415
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 34.735 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

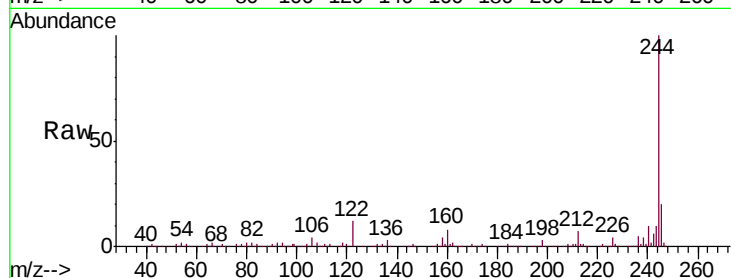
Tgt Ion:244 Resp: 485319

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

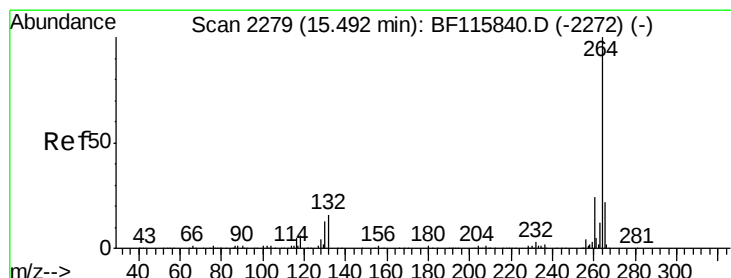
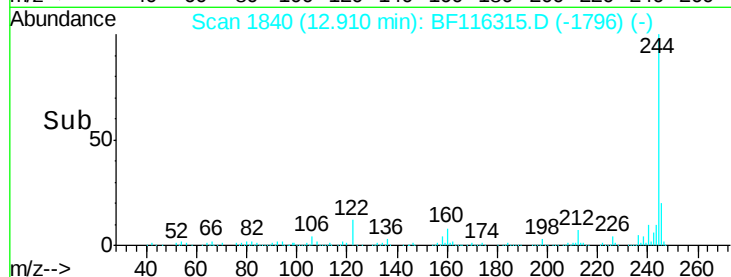
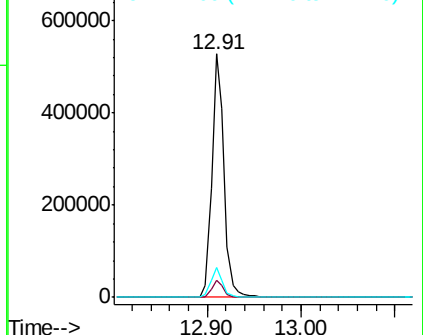
122 12.4 9.0 13.4



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: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116315.D

Acq: 16 Aug 2019 12:00

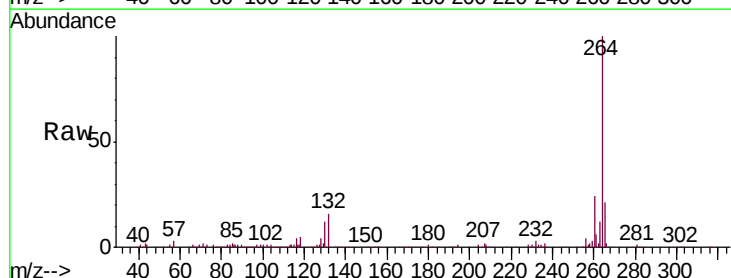
Tgt Ion:264 Resp: 303765

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.4 17.4 26.0



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

