

Data File : BF116346.D
Acq On : 17 Aug 2019 4:26
Operator : HP/JU
Sample : K4319-05RE 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1DL

Quant Time: Aug 17 05:15:35 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

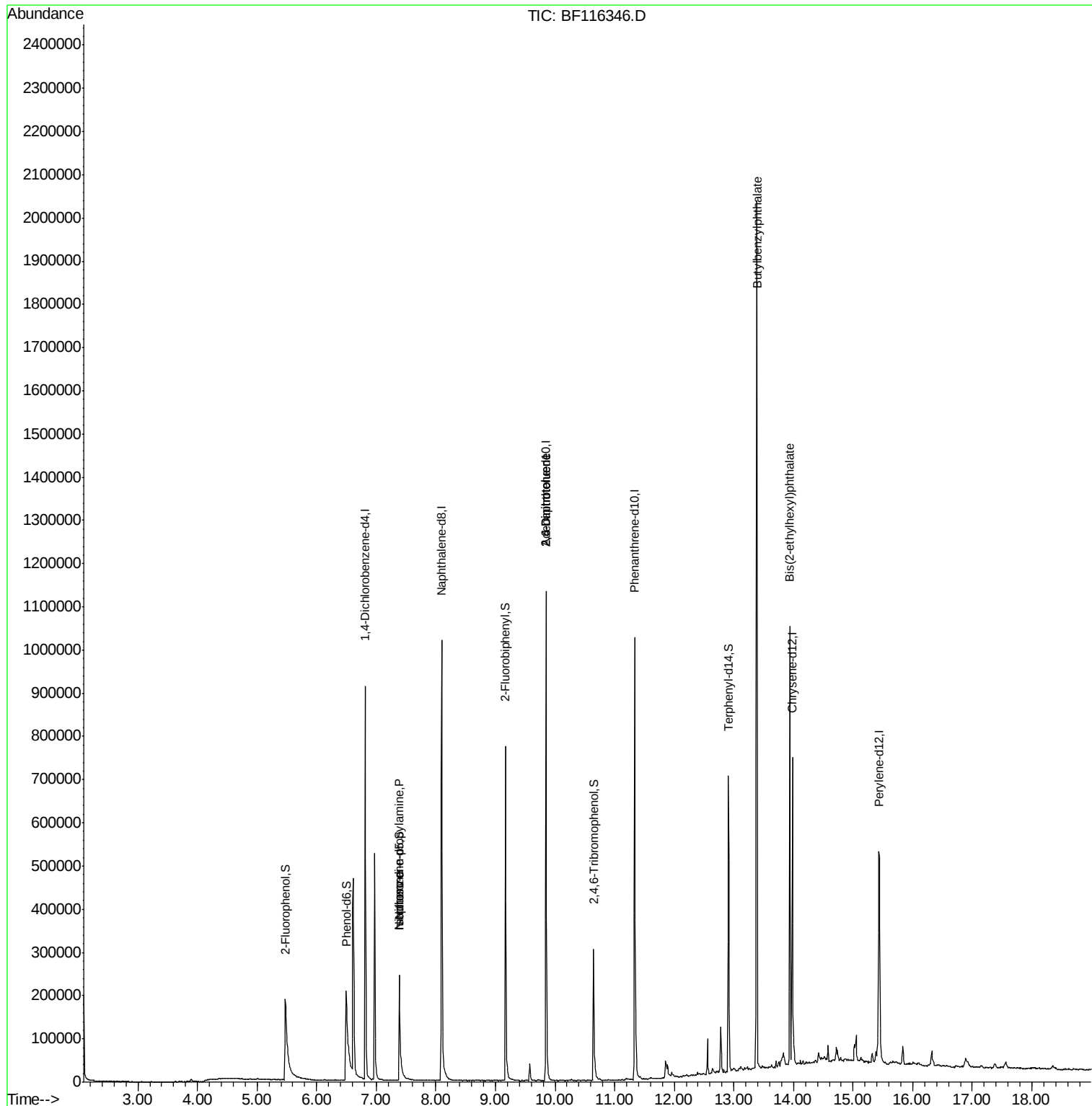
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	138687	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	544940	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	271554	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	435482	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	252178	20.00	ng	-0.03
87) Perylene-d12	15.43	264	264771	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	169496	20.46	ng	0.00
7) Phenol-d6	6.49	99	253590	24.26	ng	0.00
23) Nitrobenzene-d5	7.39	82	152222	16.12	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	52111	19.79	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	275894	19.03	ng	-0.04
79) Terphenyl-d14	12.91	244	222356	18.58	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	19092	2.948	ng	# 81
25) Isophorone	7.39	82	152886	8.469	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	34833	8.669	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	34834	6.511	ng	# 20
80) Butylbenzylphthalate	13.39	149	470792	58.548	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	263068	25.175	ng	99

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

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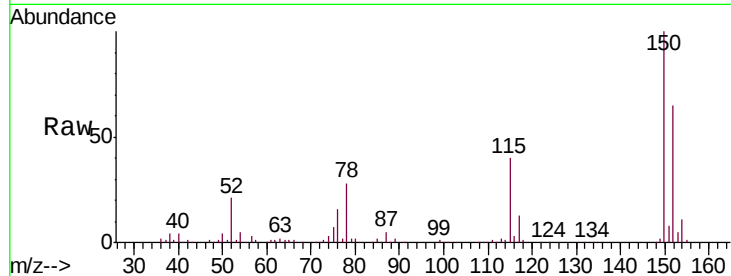


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116346.D
Acq: 17 Aug 2019 4:26

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	60.6	49.9	74.9

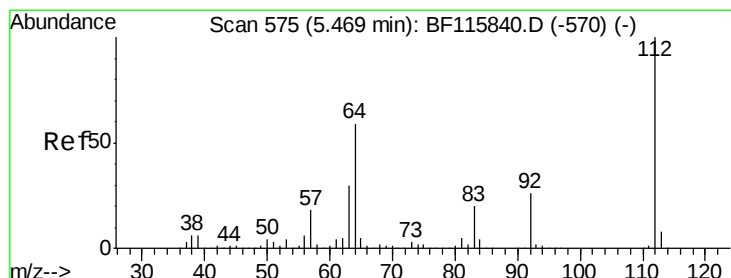
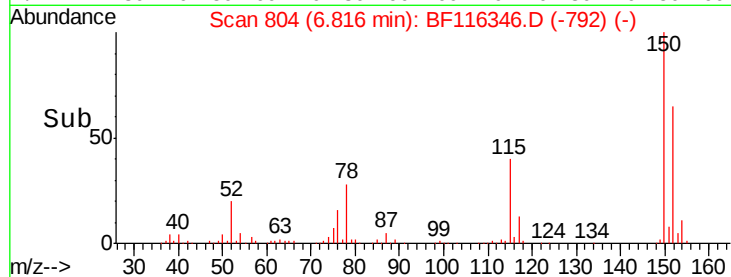
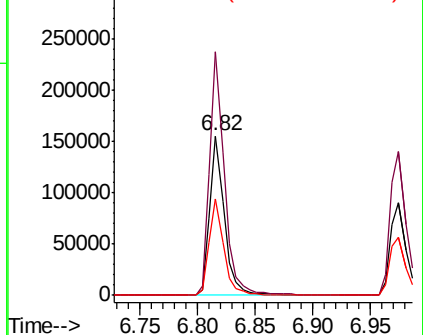


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

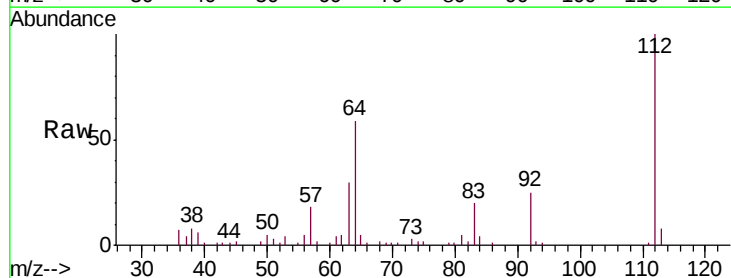
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.460 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116346.D
Acq: 17 Aug 2019 4:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.4	68.2
63	30.4	23.7	35.5

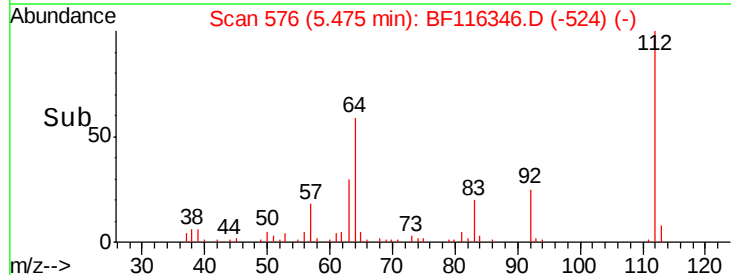
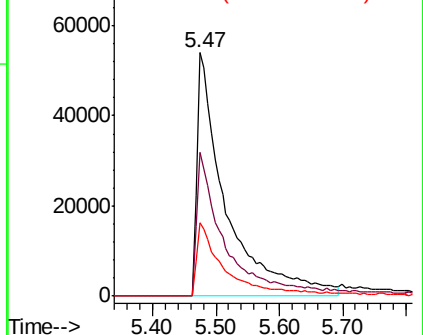


Abundance

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: 24.262 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1DL

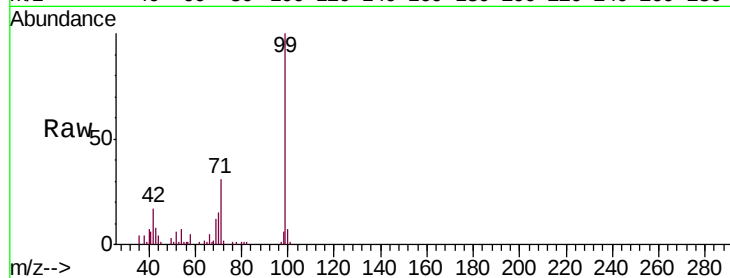
Tgt Ion: 99 Resp: 253590

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

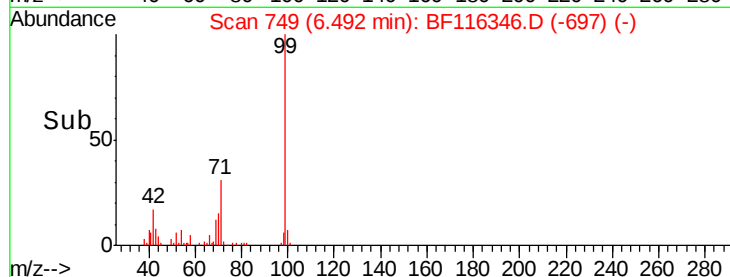
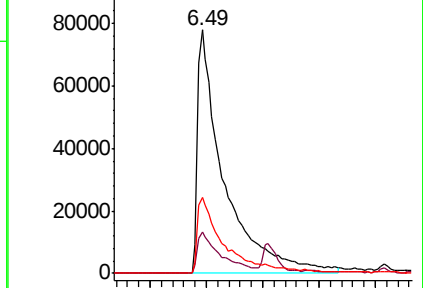
71 31.2 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.948 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

Tgt Ion: 70 Resp: 19092

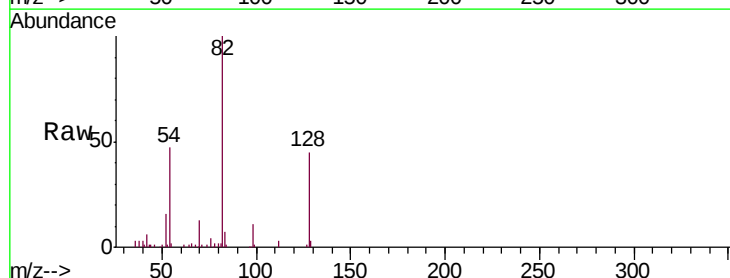
Ion Ratio Lower Upper

70 100

42 46.8 40.9 61.3

101 0.0 7.9 11.9#

130 0.0 16.9 25.3#

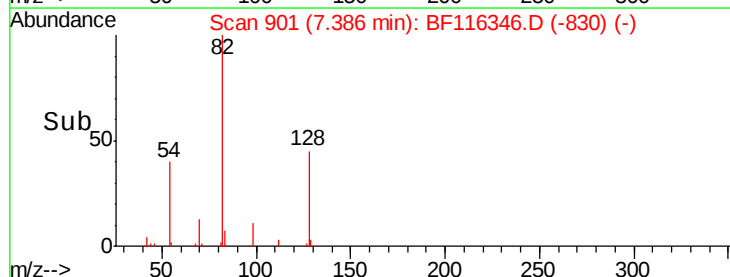
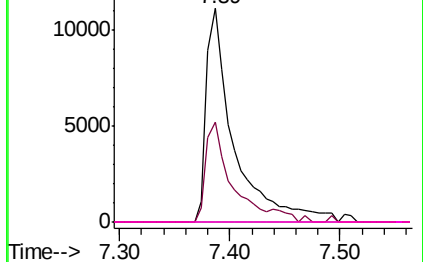


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1DL

Tgt Ion: 136 Resp: 544940

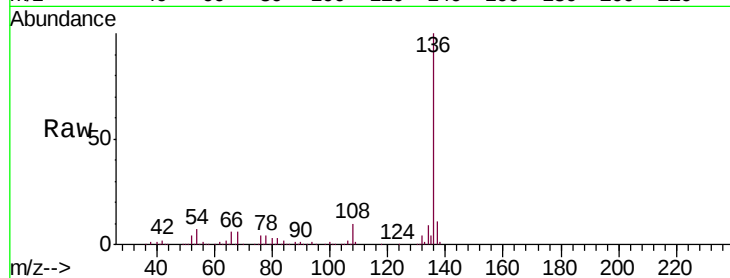
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.8 8.6

68 6.3 5.2 7.8

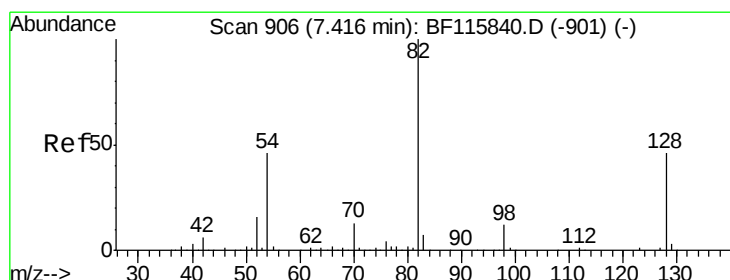
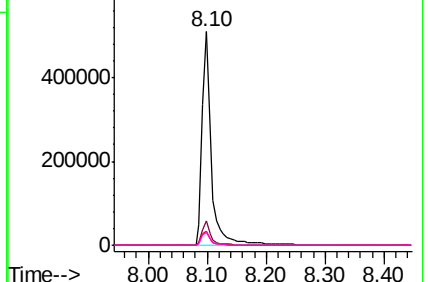
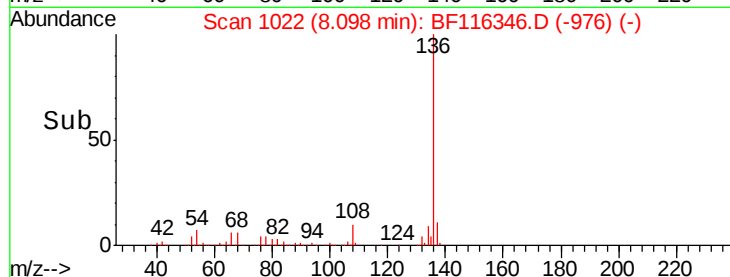


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.124 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

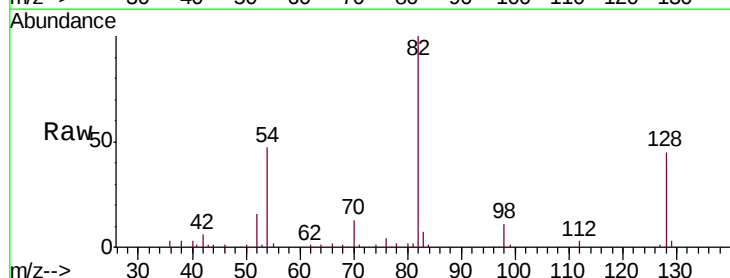
Tgt Ion: 82 Resp: 152222

Ion Ratio Lower Upper

82 100

128 45.0 36.5 54.7

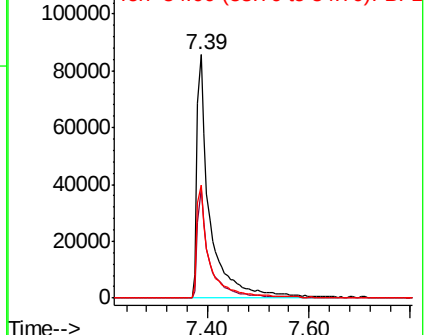
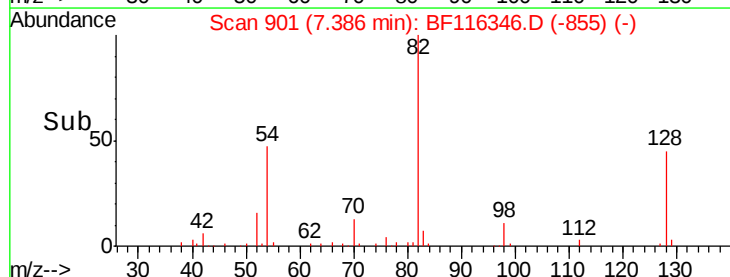
54 46.6 36.0 54.0



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: 8.469 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.29 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1DL

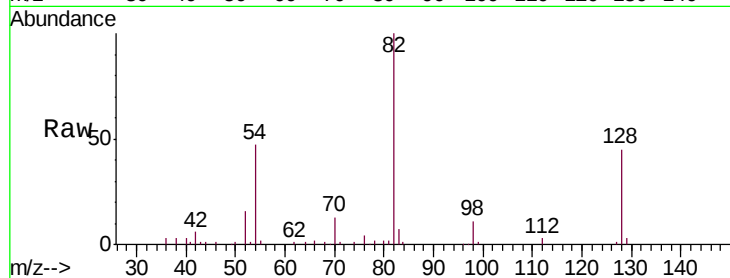
Tgt Ion: 82 Resp: 152886

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

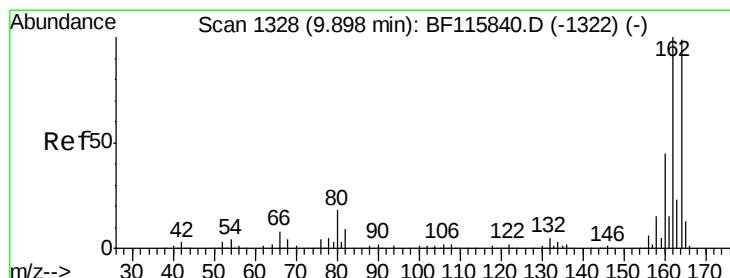
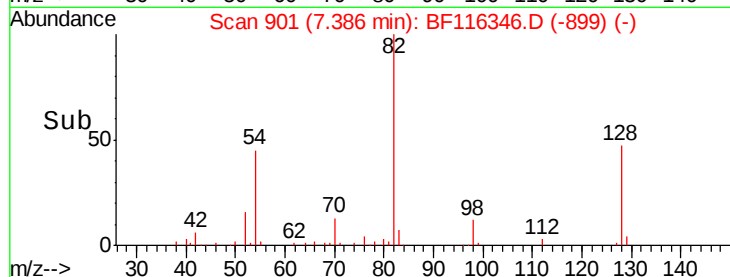
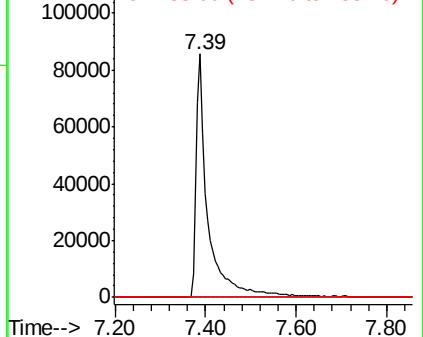
138 0.0 14.5 21.7#



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: BF116346.D

Acq: 17 Aug 2019 4:26

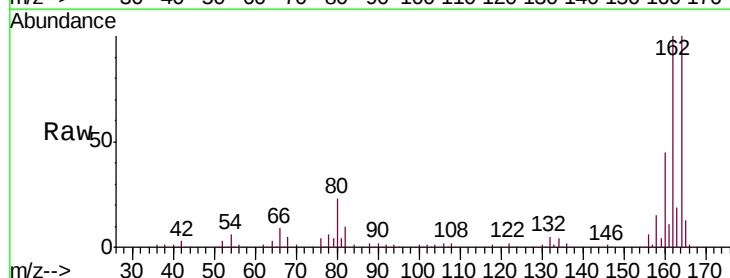
Tgt Ion: 164 Resp: 271554

Ion Ratio Lower Upper

164 100

162 100.2 82.6 124.0

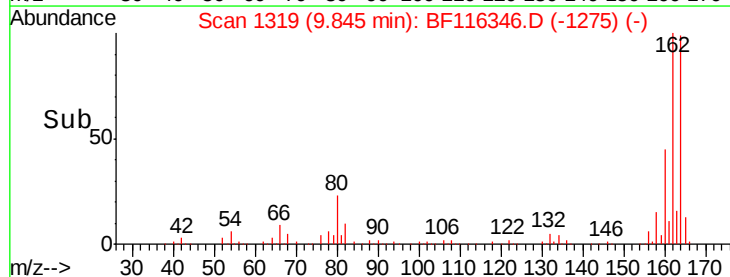
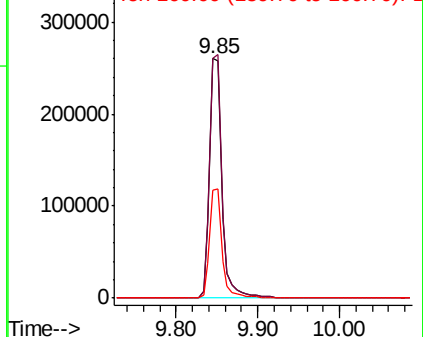
160 45.1 37.6 56.4

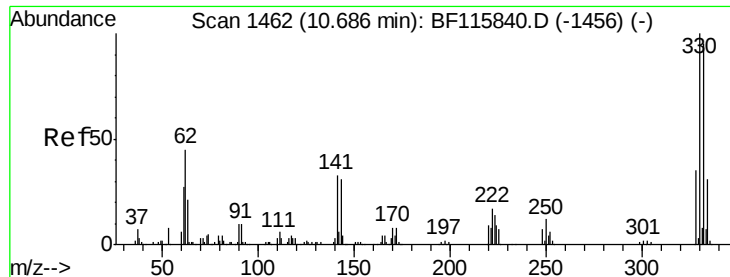


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 19.793 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1DL

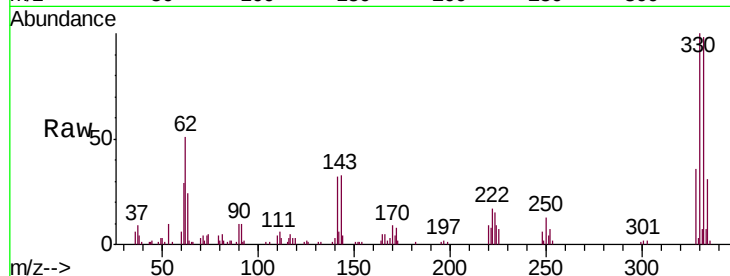
Tgt Ion:330 Resp: 52111

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

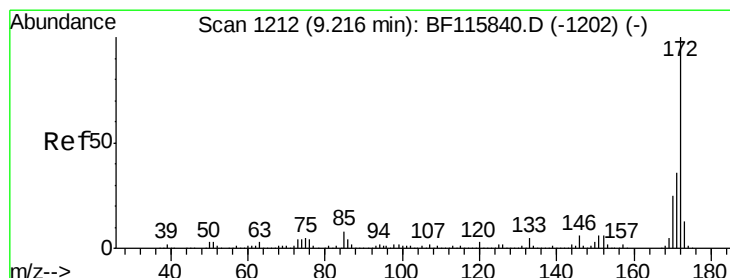
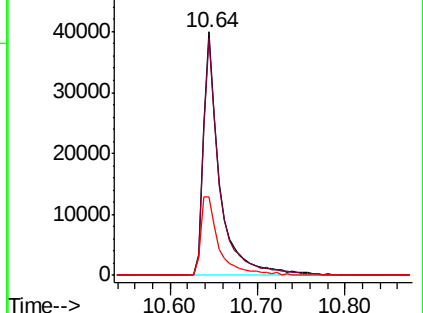
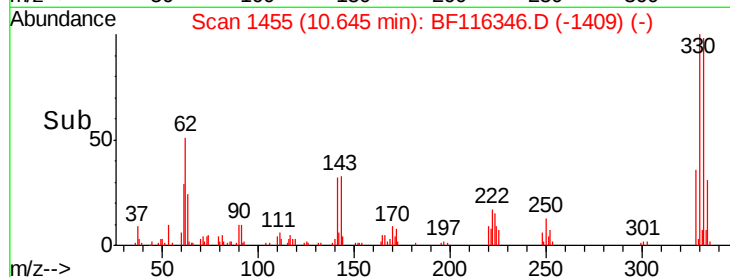
141 35.8 26.3 39.5



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: 19.030 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

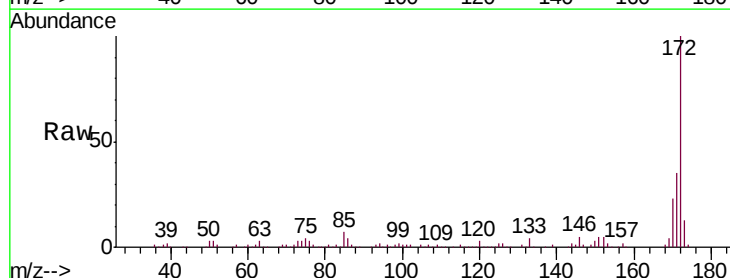
Tgt Ion:172 Resp: 275894

Ion Ratio Lower Upper

172 100

171 34.5 29.6 44.4

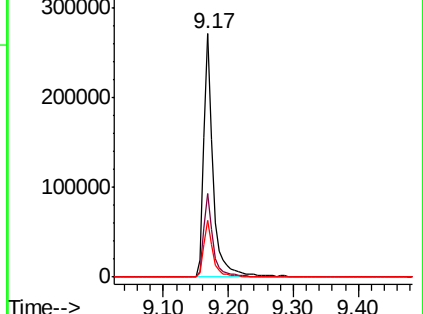
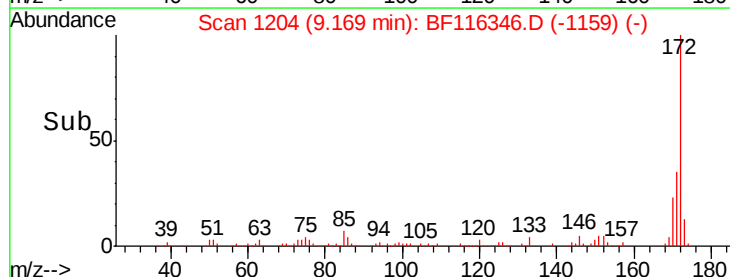
170 23.2 20.1 30.1

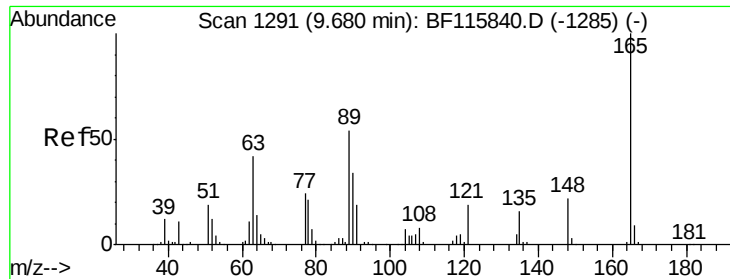


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

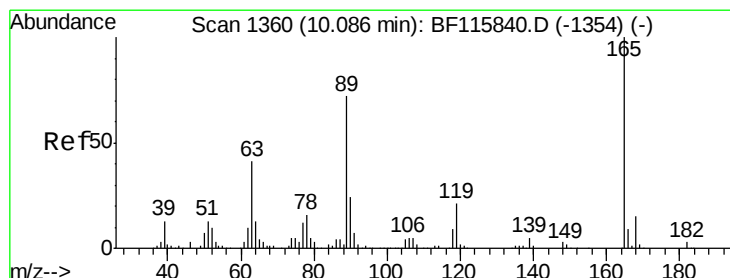
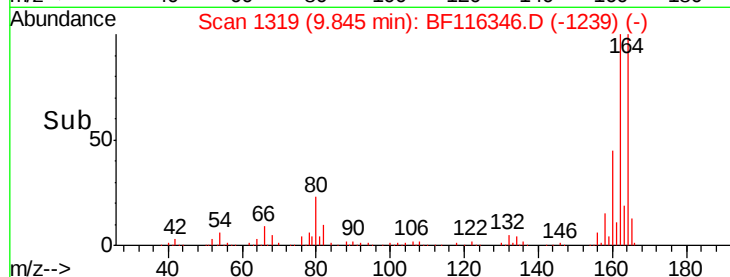
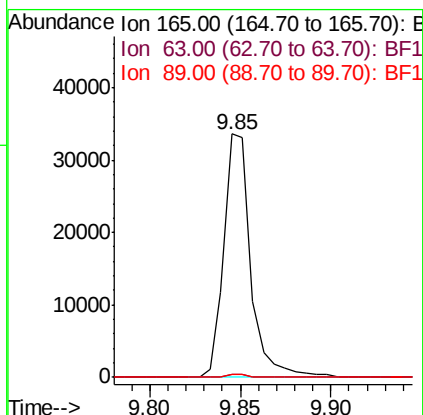
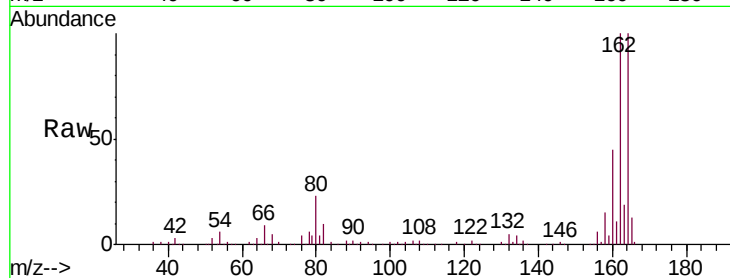




#51
 2,6-Dinitrotoluene
 Concen: 8.669 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.17 min
 Lab File: BF116346.D
 Acq: 17 Aug 2019 4:26

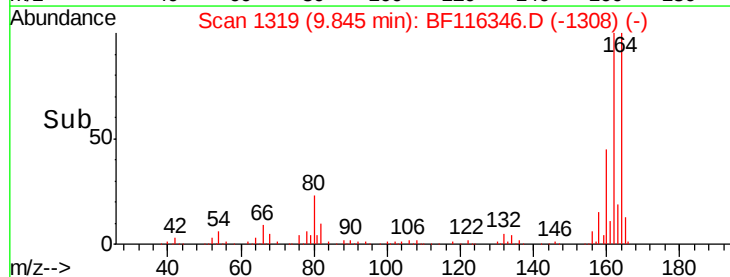
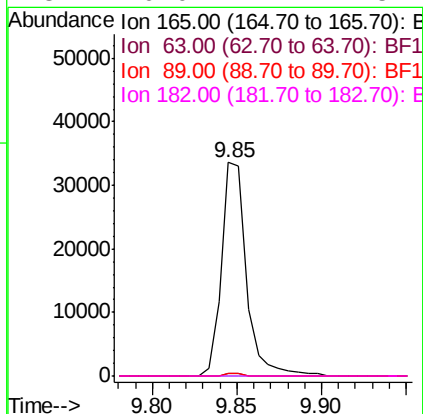
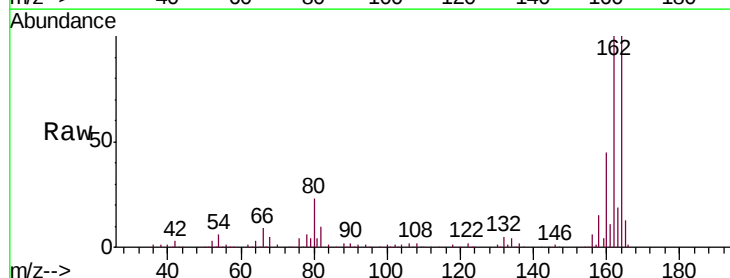
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1DL

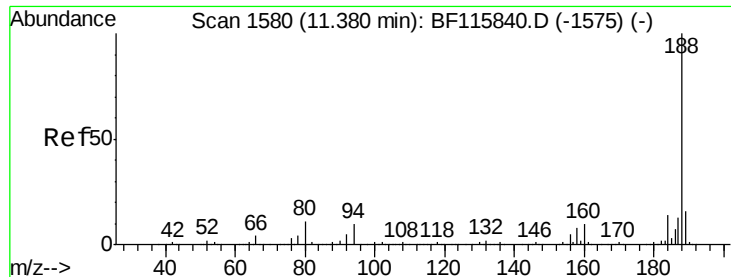
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.511 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.24 min
 Lab File: BF116346.D
 Acq: 17 Aug 2019 4:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.4	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: BF116346.D

Acq: 17 Aug 2019 4:26

Instrument :

BNA_F

ClientSampled :

TEST-PIT-1DL

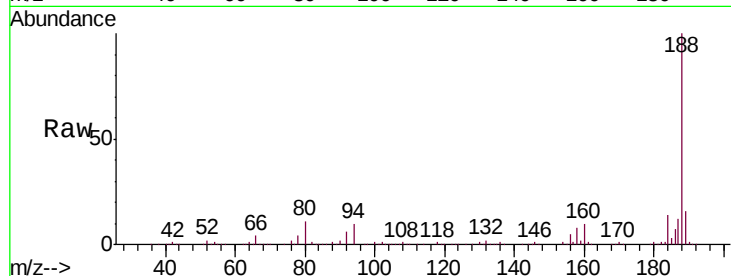
Tgt Ion:188 Resp: 435482

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

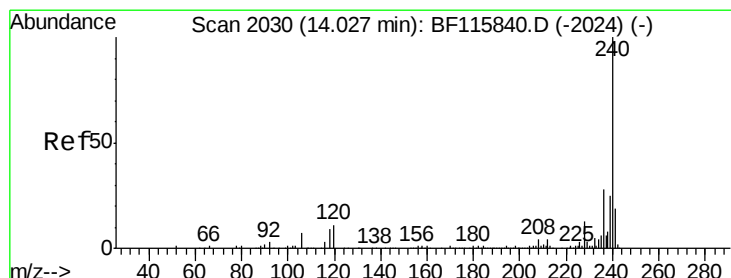
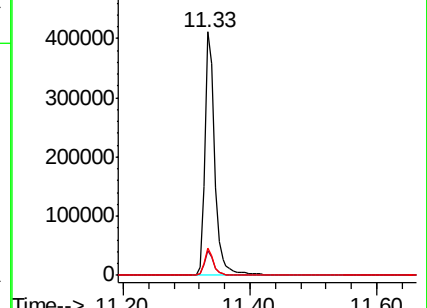
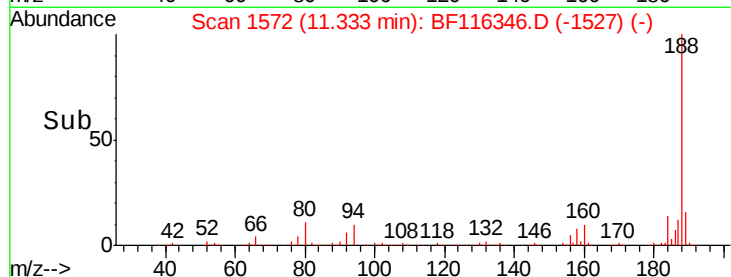
80 11.3 8.7 13.1



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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

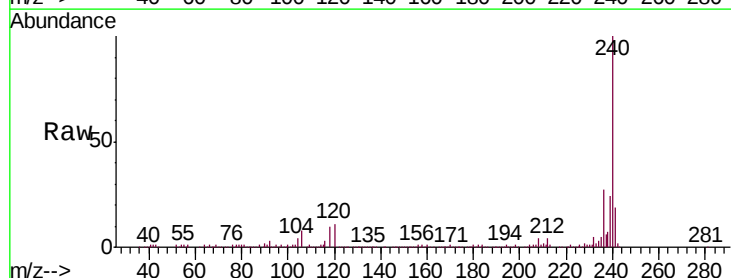
Tgt Ion:240 Resp: 252178

Ion Ratio Lower Upper

240 100

120 10.7 10.7 16.1#

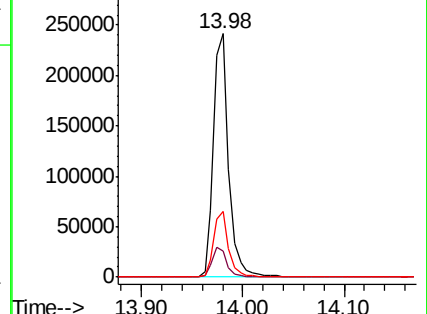
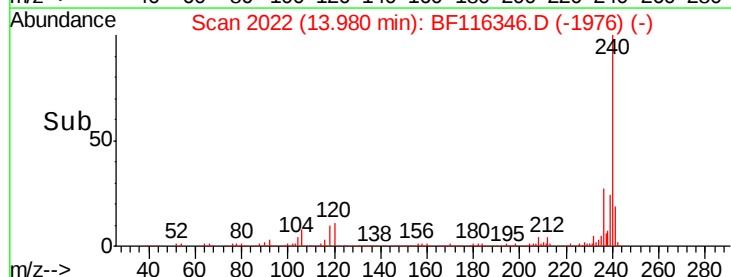
236 27.1 22.2 33.2

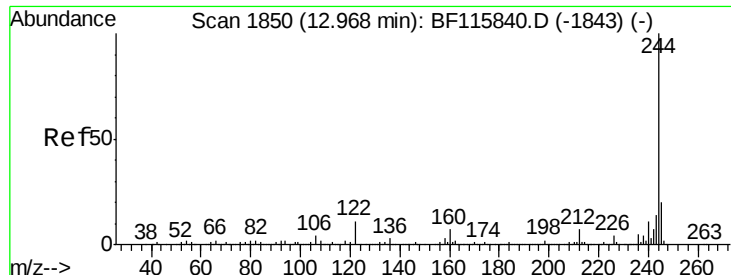


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

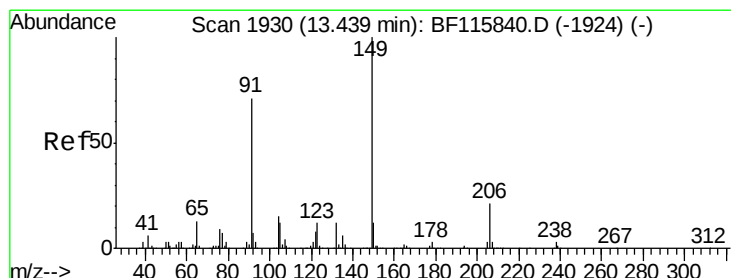
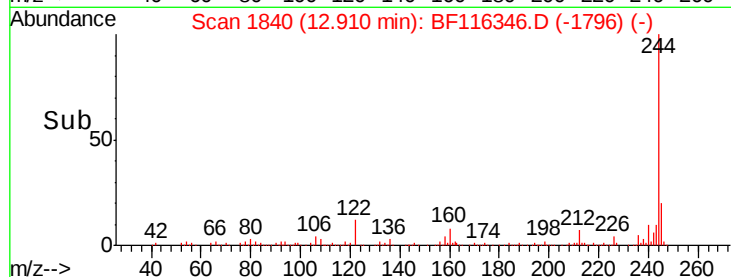
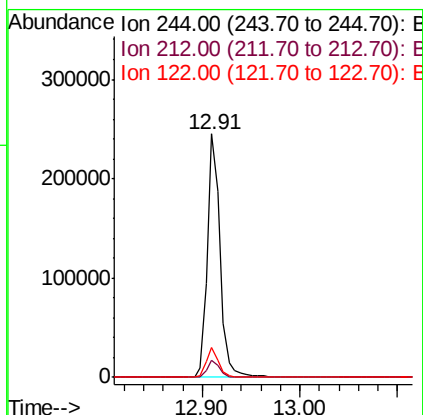
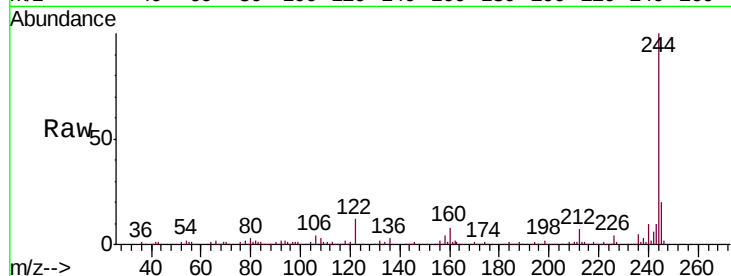




#79
 Terphenyl-d14
 Concen: 18.580 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF116346.D
 Acq: 17 Aug 2019 4:26

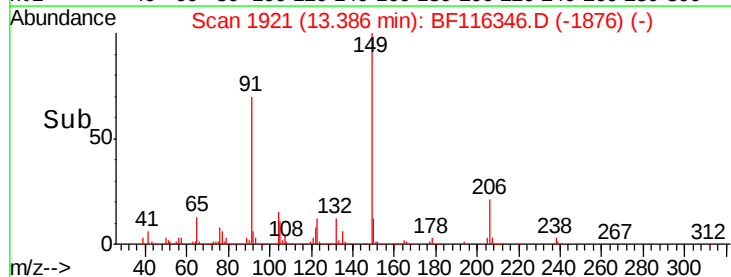
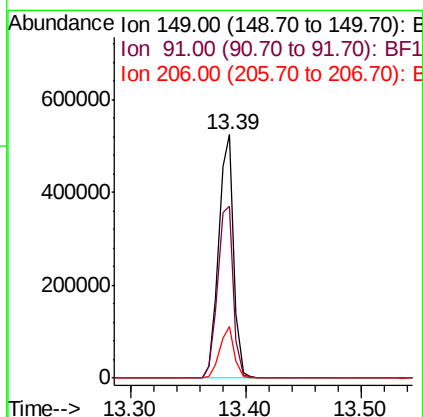
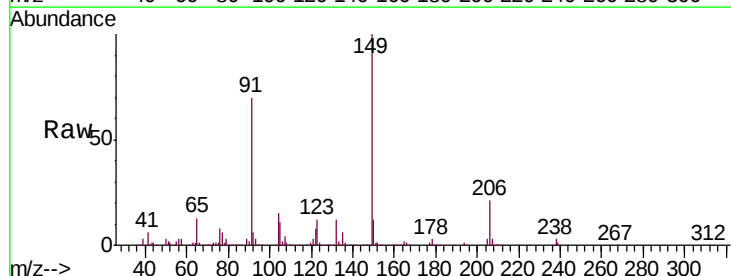
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1DL

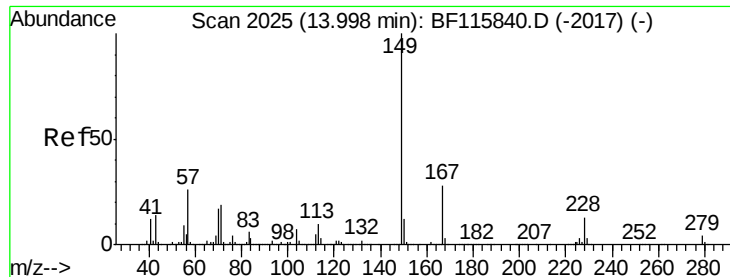
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.4	9.0	13.4



#80
 Butylbenzylphthalate
 Concen: 58.548 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116346.D
 Acq: 17 Aug 2019 4:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.3	84.5
206	21.0	18.0	27.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 25.175 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1DL

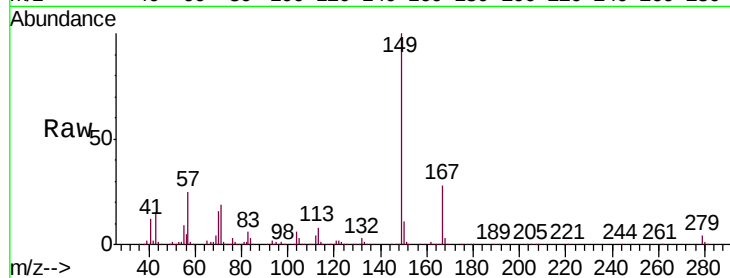
Tgt Ion:149 Resp: 263068

Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

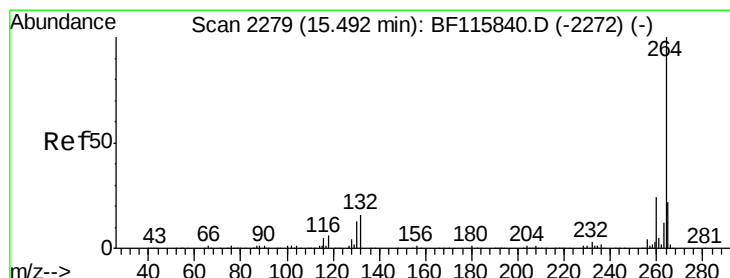
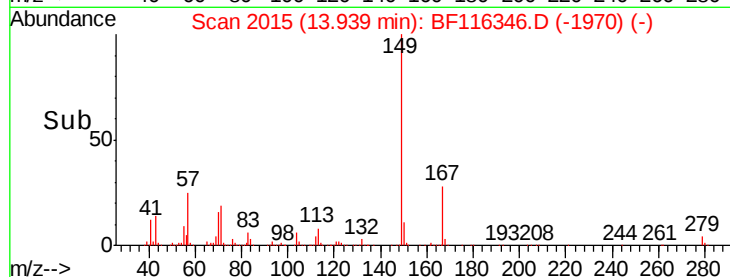
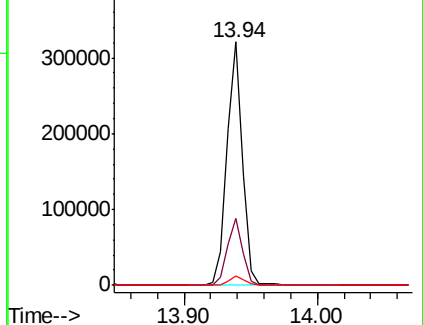
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF116346.D

Acq: 17 Aug 2019 4:26

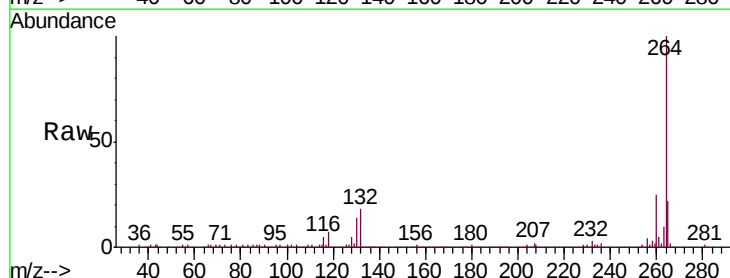
Tgt Ion:264 Resp: 264771

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.7 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

