

Data File : BF111474.D
Acq On : 15 Dec 2018 17:48
Operator : JU/SJ
Sample : J6361-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Quant Time: Dec 16 00:45:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	165667	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	648111	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	273542	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	457749	20.00	ng	0.00
76) Chrysene-d12	13.95	240	418293	20.00	ng	0.00
87) Perylene-d12	15.39	264	313441	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1002753	100.72	ng	0.00
7) Phenol-d6	6.44	99	1271913	96.05	ng	0.00
23) Nitrobenzene-d5	7.35	82	770405	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	196228	80.08	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1282858	72.44	ng	0.00
79) Terphenyl-d14	12.90	244	1076406	60.43	ng	0.00

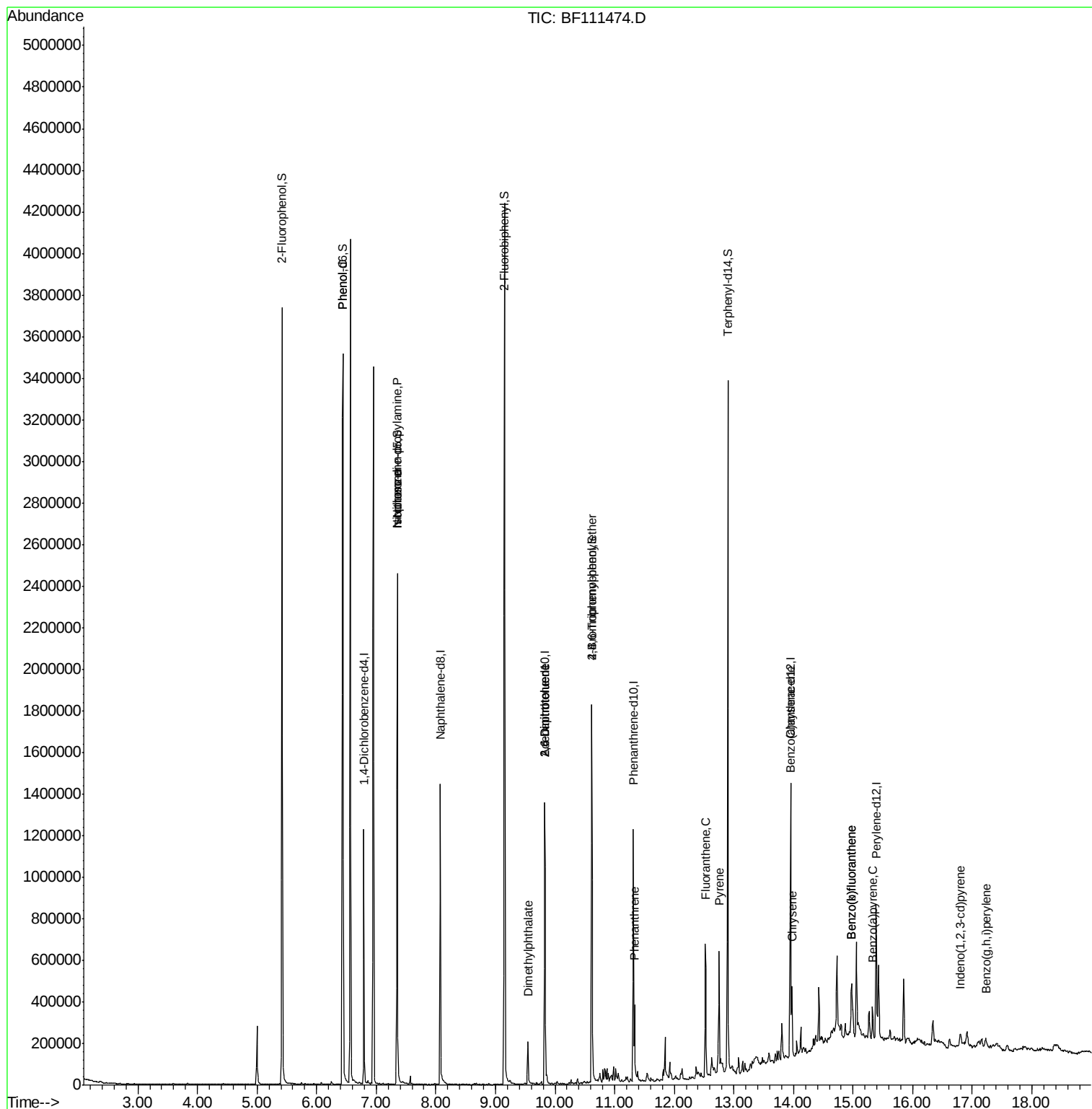
Target Compounds				Qvalue		
10) Phenol	6.45	94	88307	5.986	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	99883	11.432	ng	# 79
25) Isophorone	7.35	82	770399	41.834	ng	# 64
50) Dimethylphthalate	9.55	163	96591	4.903	ng	97
51) 2,6-Dinitrotoluene	9.83	165	35246	7.949	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	35240	6.055	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	12301	2.493	ng	# 1
71) Phenanthrene	11.33	178	128504	5.448	ng	# 92
75) Fluoranthene	12.52	202	252666	10.950	ng	97
78) Pyrene	12.75	202	226717	7.688	ng	95
81) Benzo(a)anthracene	13.94	228	97576	4.290	ng	100
83) Chrysene	13.97	228	112986	4.716	ng	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	37785	2.185	ng	96
88) Benzo(b)fluoranthene	14.97	252	166197	9.095	ng	# 96
89) Benzo(k)fluoranthene	14.97	252	166197	9.518	ng	# 95
90) Benzo(a)pyrene	15.33	252	74390	4.514	ng	97
92) Benzo(g,h,i)perylene	17.23	276	41374	3.243	ng	94

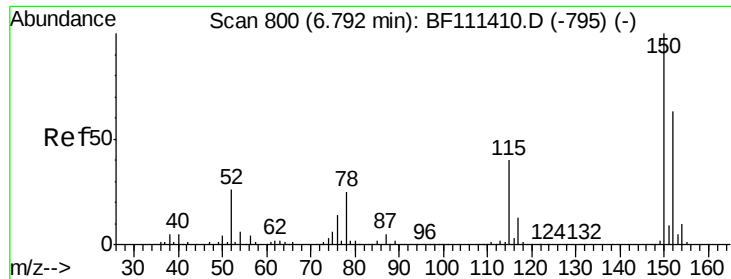
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111474.D

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Instrument :

BNA_F

ClientSampleId :

TN4803-121218

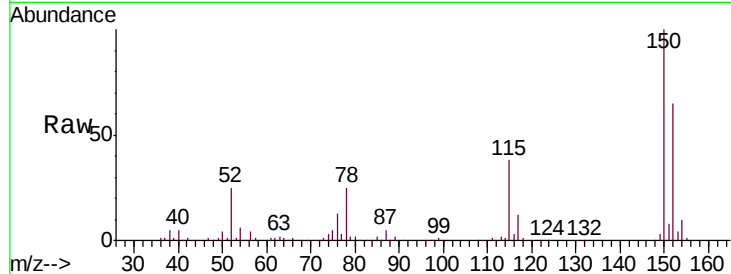
Tgt Ion:152 Resp: 165667

Ion Ratio Lower Upper

152 100

150 154.3 126.6 189.8

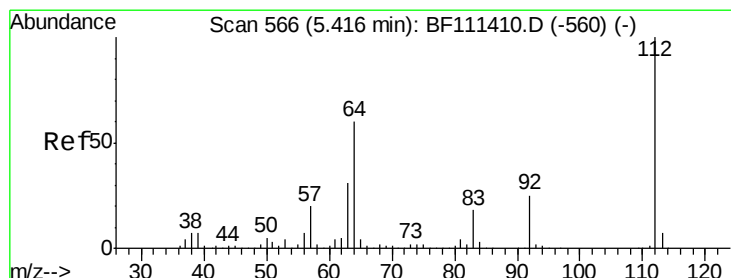
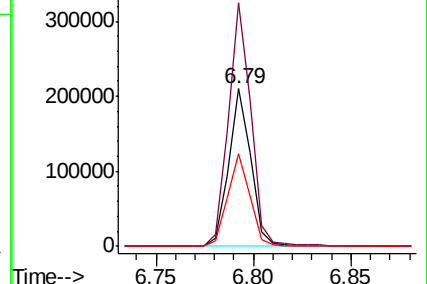
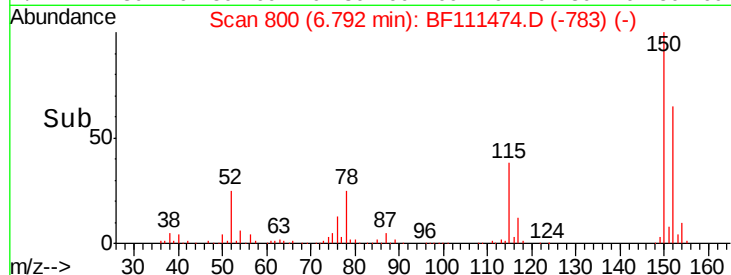
115 58.9 50.7 76.1



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: 100.723 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111474.D

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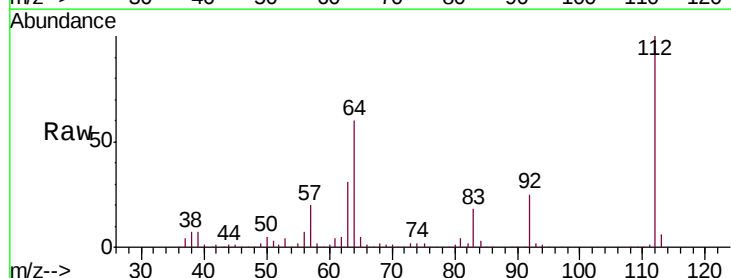
Tgt Ion:112 Resp: 1002753

Ion Ratio Lower Upper

112 100

64 60.0 51.8 77.6

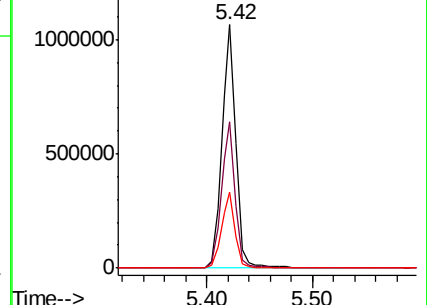
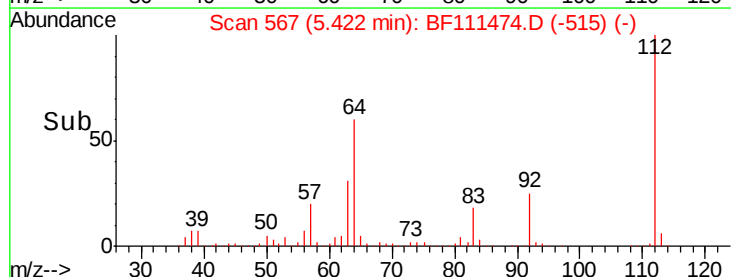
63 31.4 26.8 40.2



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: 96.046 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111474.D

Acq: 15 Dec 2018 17:48

Instrument :

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ClientSampleId :

TN4803-121218

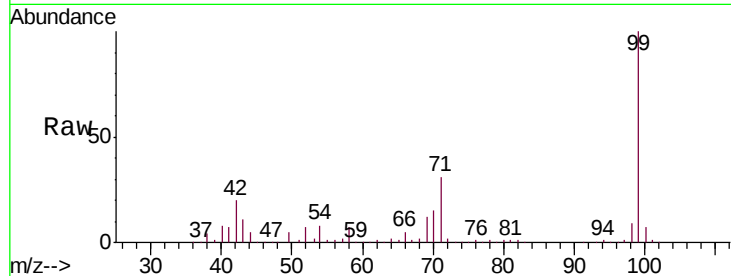
Tgt Ion: 99 Resp: 1271913

Ion Ratio Lower Upper

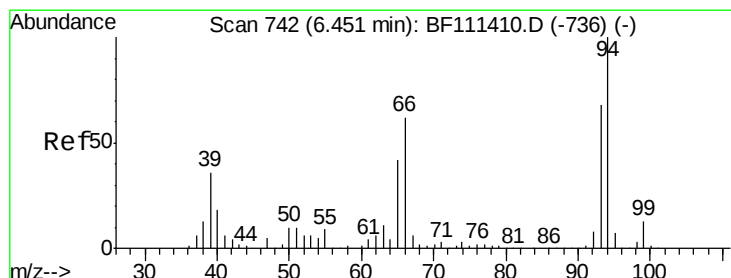
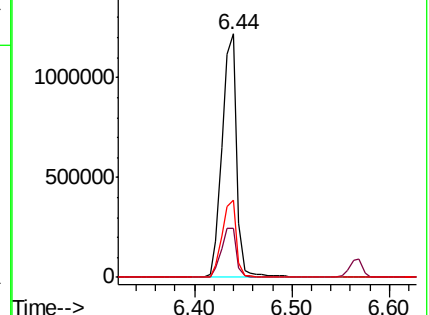
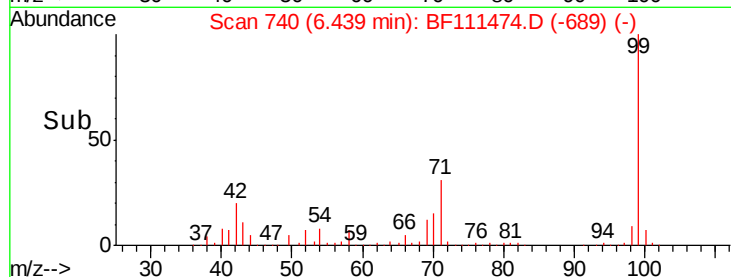
99 100

42 20.3 17.4 26.0

71 31.5 26.1 39.1



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



#10

Phenol

Concen: 5.986 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111474.D

Acq: 15 Dec 2018 17:48

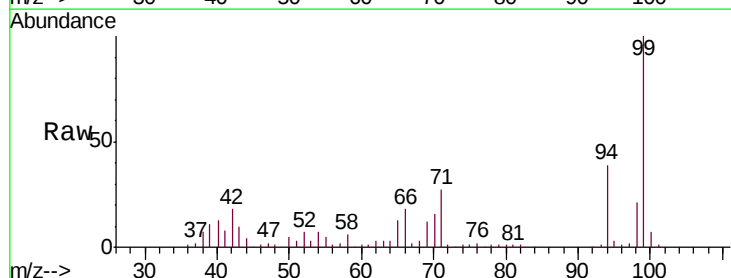
Tgt Ion: 94 Resp: 88307

Ion Ratio Lower Upper

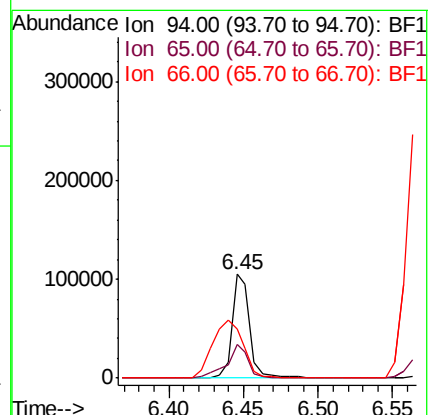
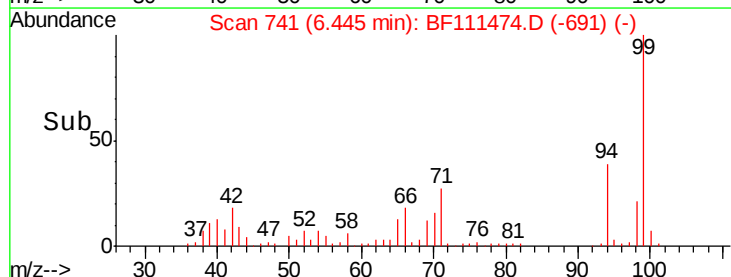
94 100

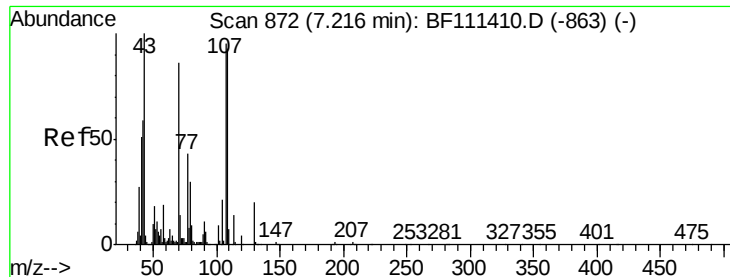
65 32.8 11.7 51.7

66 46.7 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

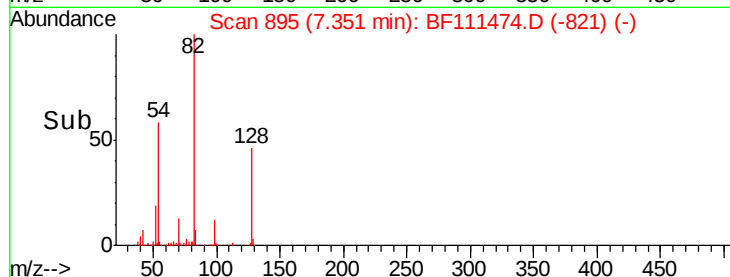
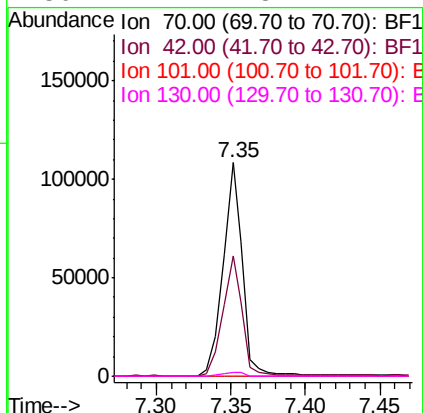
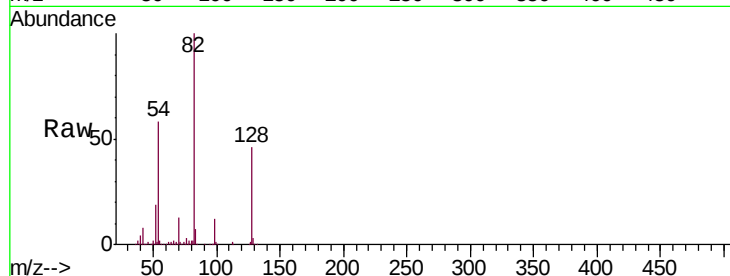




#19
n-Nitroso-di-n-propylamine
Concen: 11.432 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111474.D
Acq: 15 Dec 2018 17:48

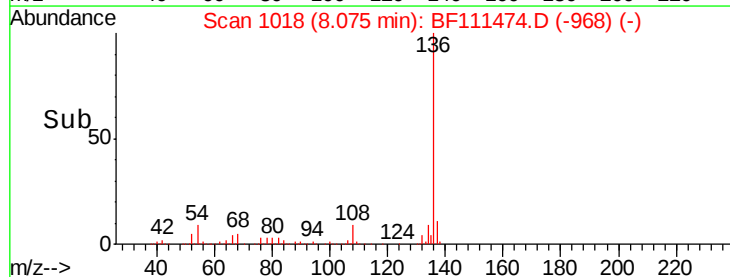
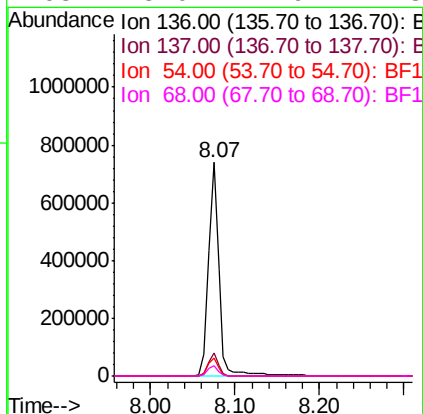
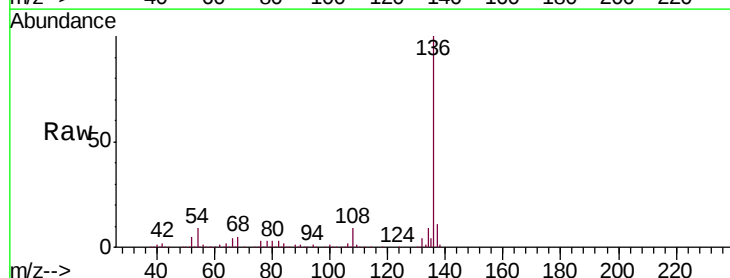
Instrument :
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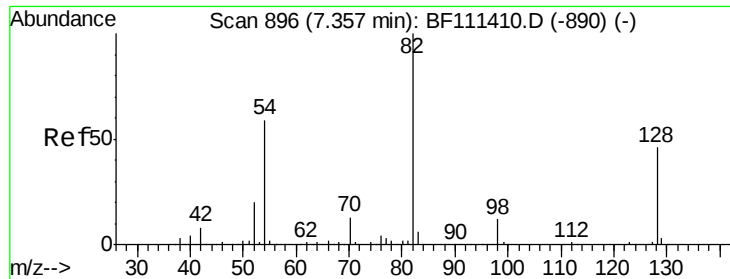
Tgt Ion: 70 Resp: 99883
Ion Ratio Lower Upper
70 100
42 56.6 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111474.D
Acq: 15 Dec 2018 17:48

Tgt Ion: 136 Resp: 648111
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.5 7.7 11.5
68 5.0 4.9 7.3

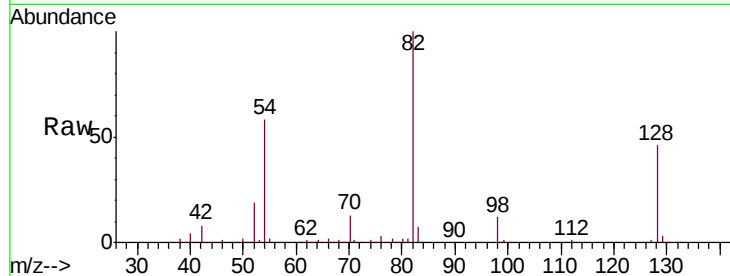




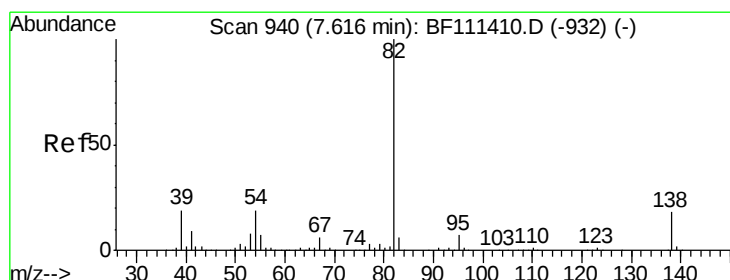
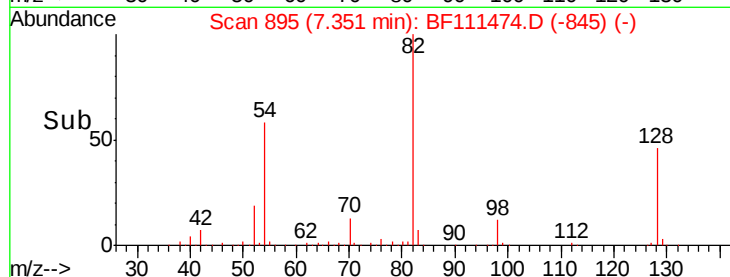
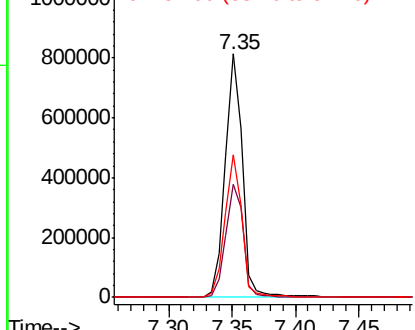
#23
Nitrobenzene-d5
Concen: 70.785 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111474.D
Acq: 15 Dec 2018 17:48

Instrument :
BNA_F
ClientSampleId :
TN4803-121218

Tgt Ion: 82 Resp: 770405
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.2
54 58.5 47.6 71.4

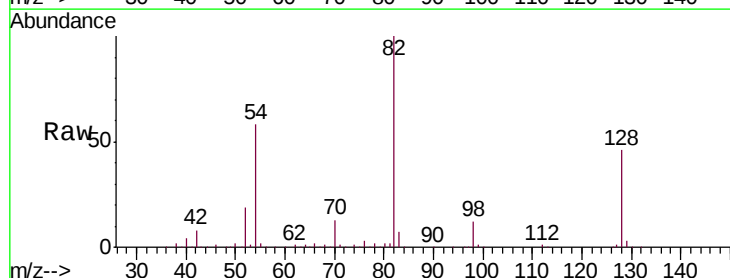


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

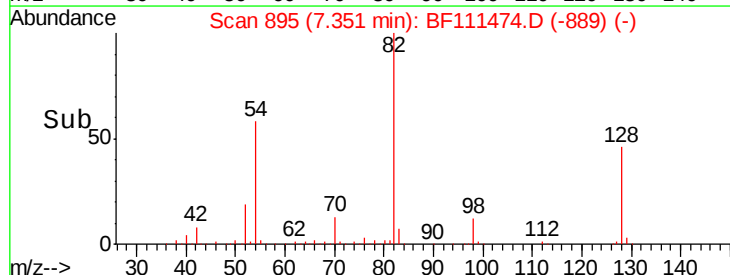
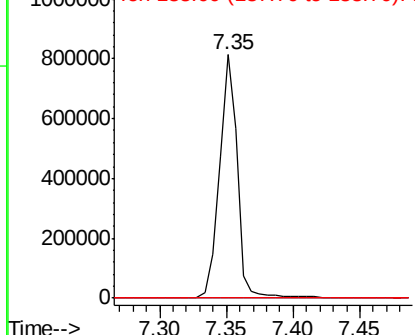


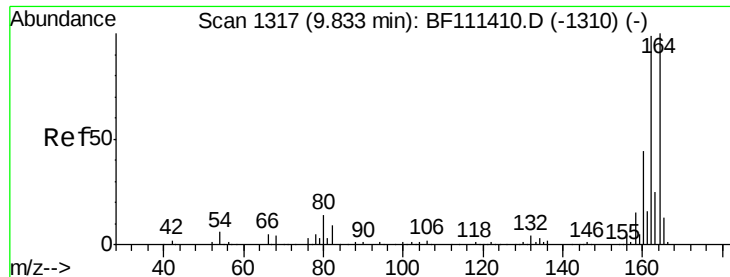
#25
Isophorone
Concen: 41.834 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111474.D
Acq: 15 Dec 2018 17:48

Tgt Ion: 82 Resp: 770399
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111474.D

Acq: 15 Dec 2018 17:48

Instrument :

BNA_F

ClientSampleId :

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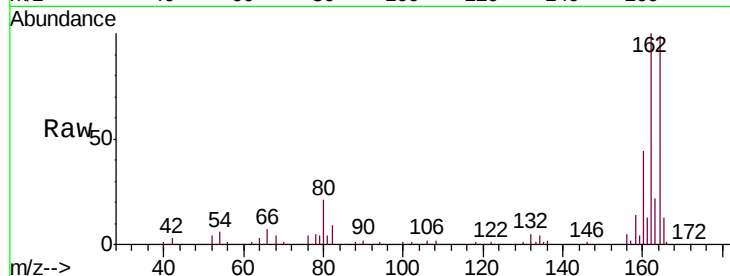
Tgt Ion:164 Resp: 273542

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

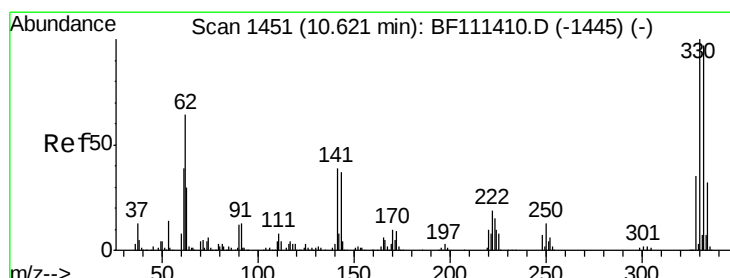
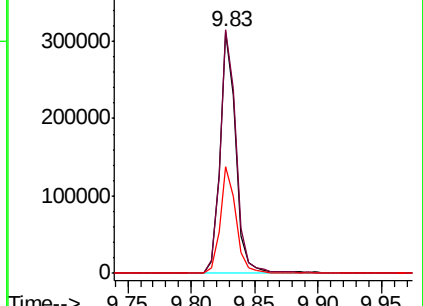
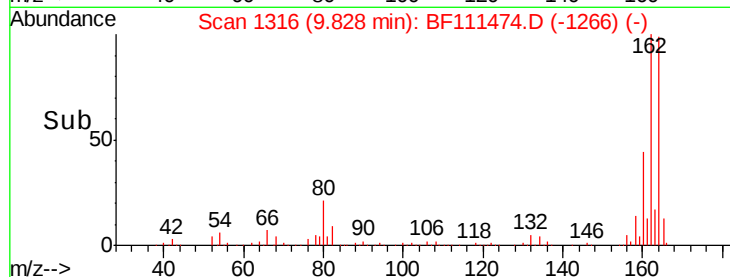
160 44.4 35.7 53.5



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: 80.081 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111474.D

Acq: 15 Dec 2018 17:48

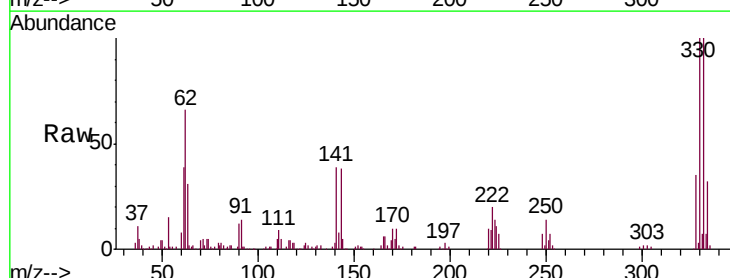
Tgt Ion:330 Resp: 196228

Ion Ratio Lower Upper

330 100

332 99.5 76.0 114.0

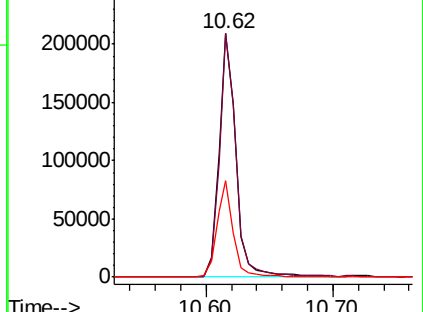
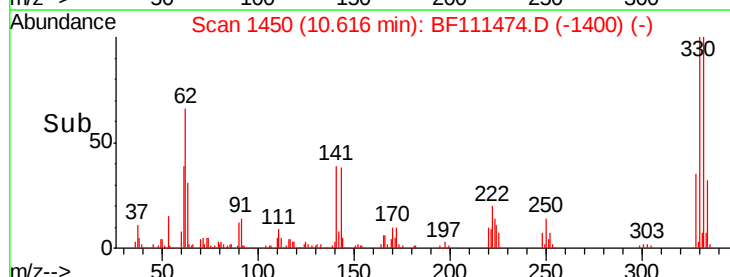
141 38.4 31.0 46.6

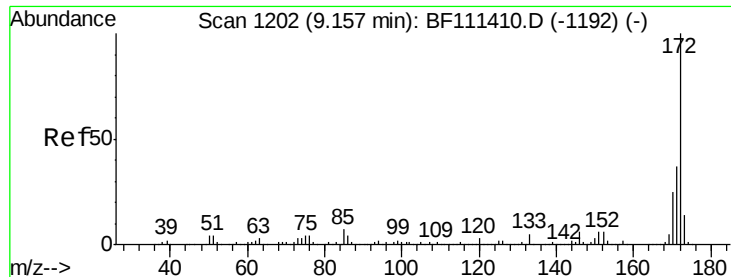


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

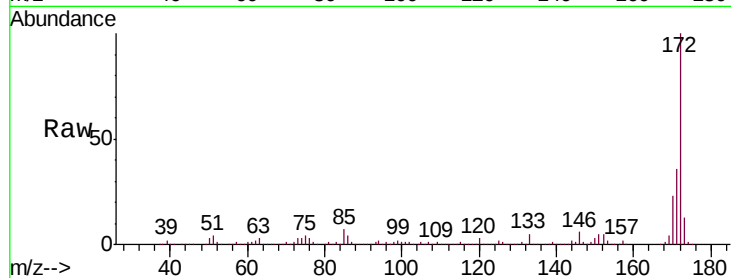




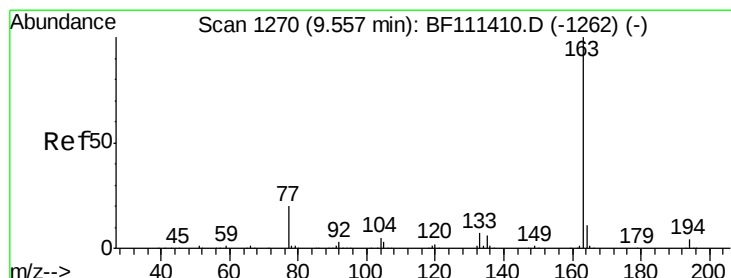
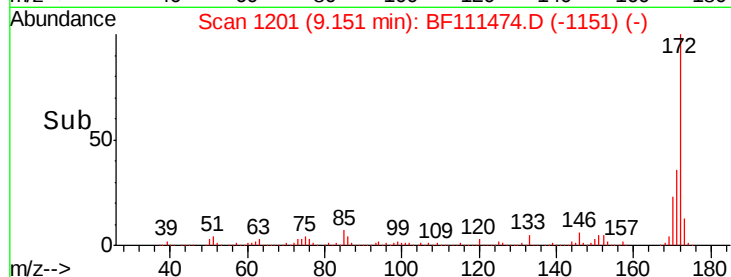
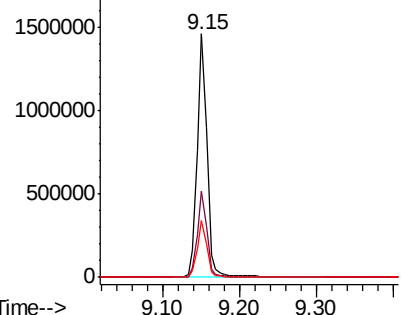
#45
 2-Fluorobiphenyl
 Concen: 72.441 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111474.D
 Acq: 15 Dec 2018 17:48

Instrument :
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Tgt Ion:172 Resp: 1282858
 Ion Ratio Lower Upper
 172 100
 171 35.6 33.0 49.4
 170 23.5 22.3 33.5

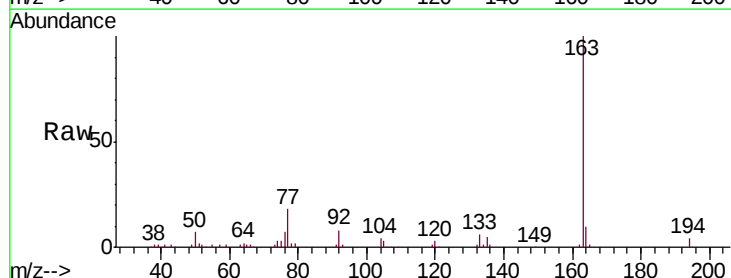


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 4.903 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111474.D
 Acq: 15 Dec 2018 17:48

Tgt Ion:163 Resp: 96591
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 9.9 8.9 13.3



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

