

Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Quant Time: Dec 16 00:48:01 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

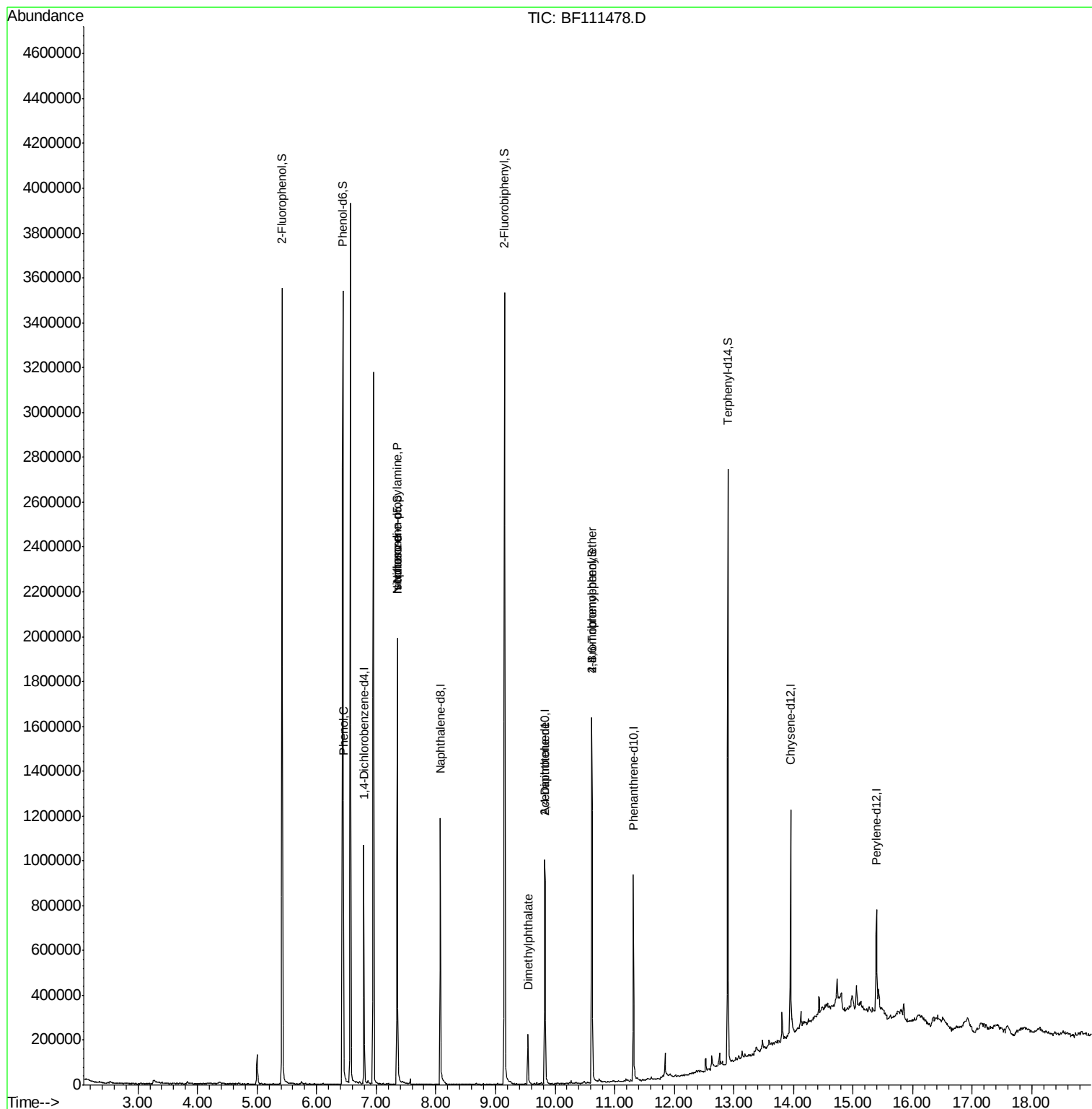
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150686	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	538769	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	207661	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	346706	20.00	ng	0.00
76) Chrysene-d12	13.95	240	314607	20.00	ng	0.00
87) Perylene-d12	15.39	264	211201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	930729	102.78	ng	0.00
7) Phenol-d6	6.44	99	1142980	94.89	ng	0.00
23) Nitrobenzene-d5	7.35	82	671707	74.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	179700	96.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1101812	81.96	ng	0.00
79) Terphenyl-d14	12.90	244	908421	67.80	ng	0.00
Target Compounds						
10) Phenol	6.45	94	70908	5.285	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	87878	11.058	ng	# 82
25) Isophorone	7.35	82	671700	43.877	ng	# 64
50) Dimethylphthalate	9.55	163	98809	6.607	ng	100
57) 2,4-Dinitrotoluene	9.83	165	27717	6.273	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	11102	2.971	ng	# 1

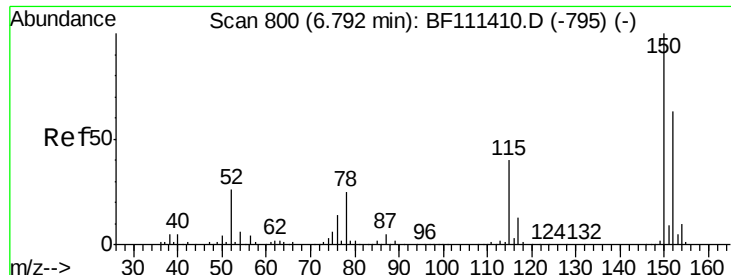
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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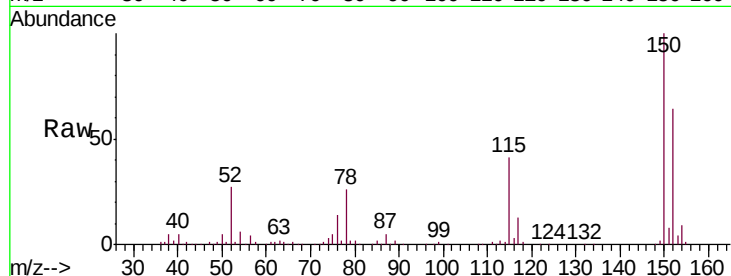


#1

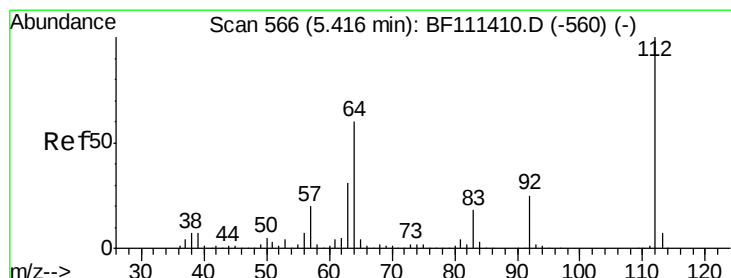
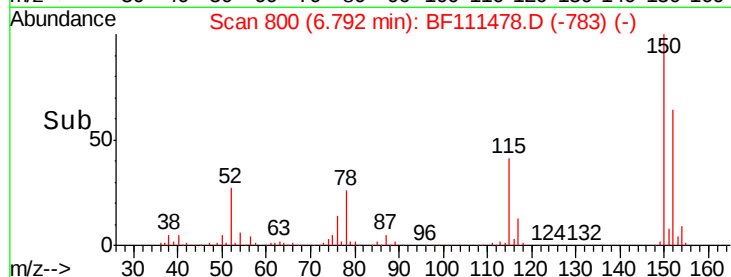
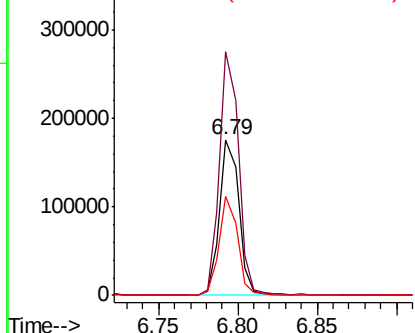
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Tgt Ion:152 Resp: 150686
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 63.6 50.7 76.1



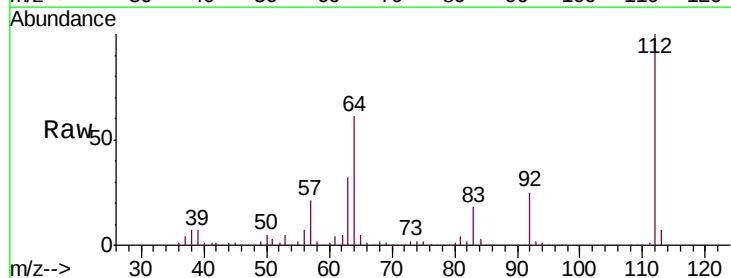
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



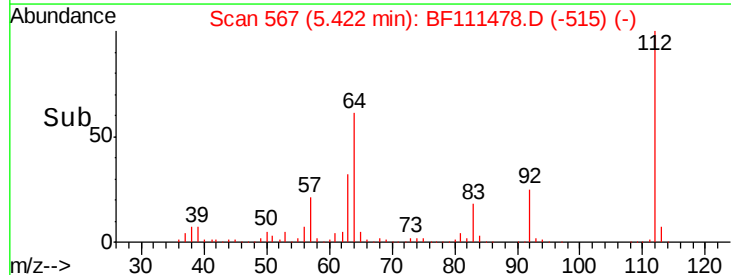
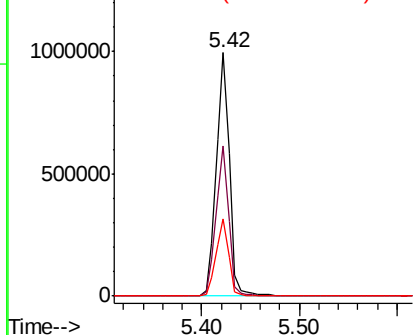
#5

2-Fluorophenol
Concen: 102.783 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Tgt Ion:112 Resp: 930729
Ion Ratio Lower Upper
112 100
64 61.4 51.8 77.6
63 31.6 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: 94.891 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111478.D

Acq: 15 Dec 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TP-A-FRAME

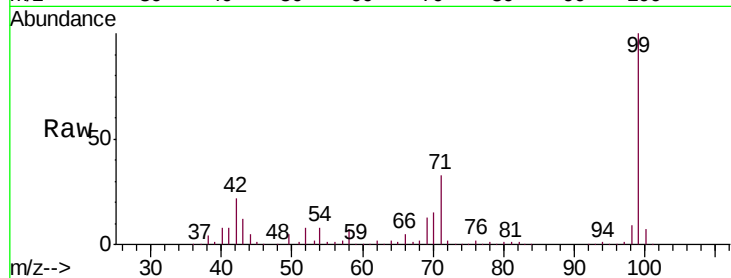
Tgt Ion: 99 Resp: 1142980

Ion Ratio Lower Upper

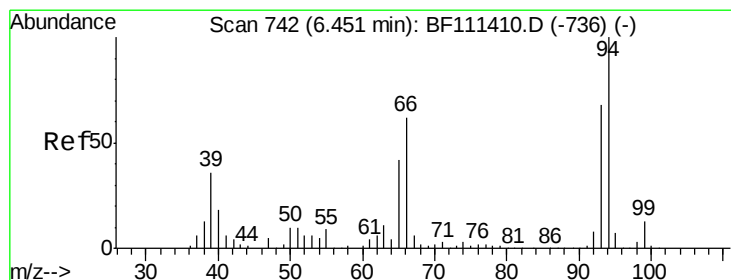
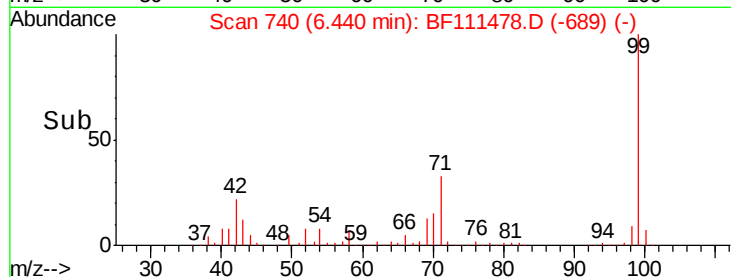
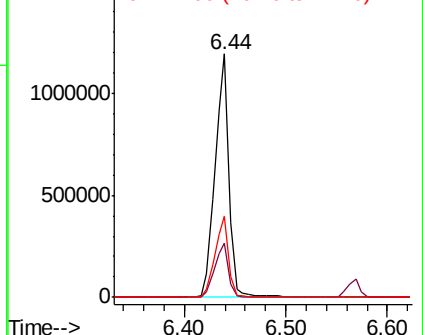
99 100

42 22.0 17.4 26.0

71 33.1 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: 5.285 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111478.D

Acq: 15 Dec 2018 19:39

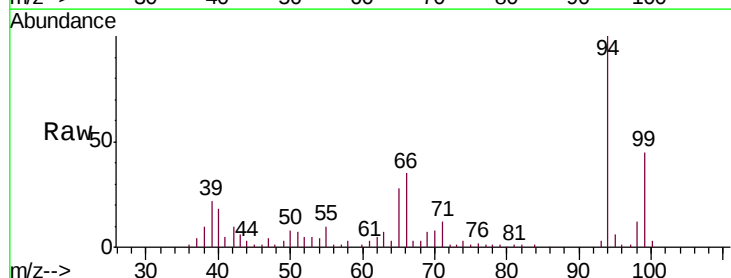
Tgt Ion: 94 Resp: 70908

Ion Ratio Lower Upper

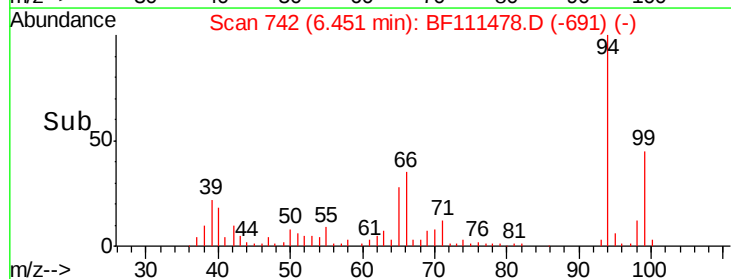
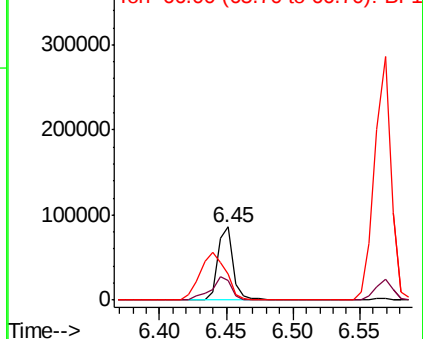
94 100

65 27.6 11.7 51.7

66 35.2 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

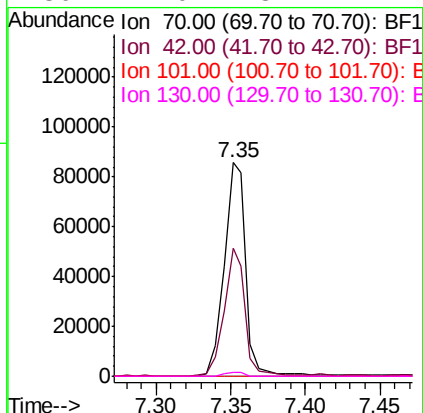
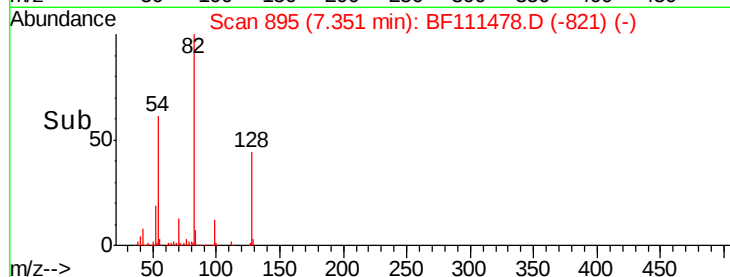
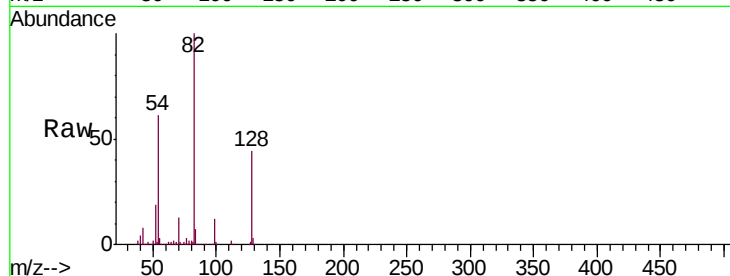




#19
n-Nitroso-di-n-propylamine
Concen: 11.058 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

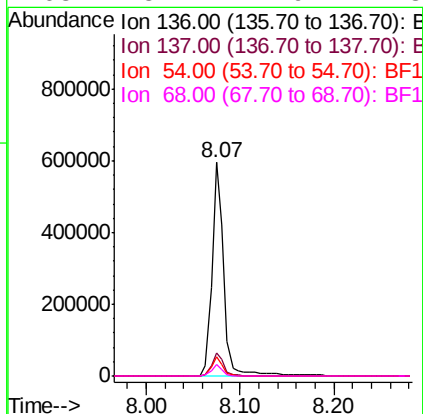
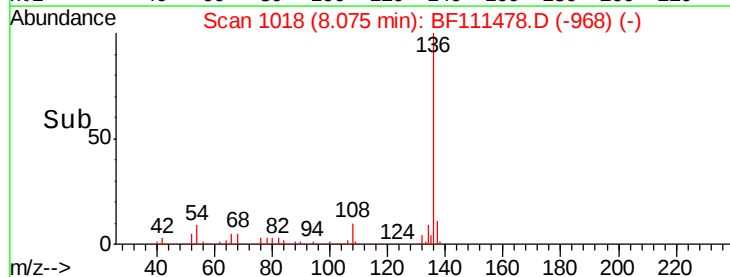
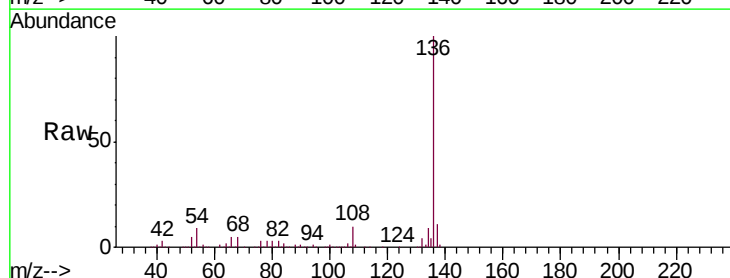
Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

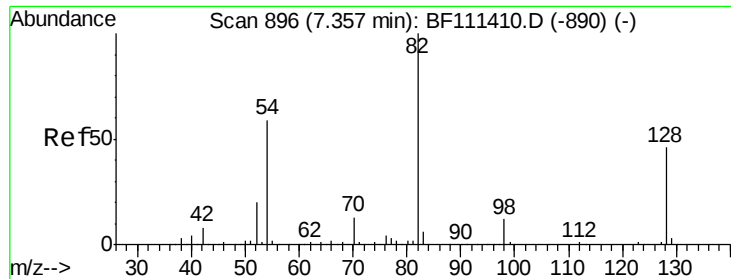
Tgt Ion: 70 Resp: 87878
Ion Ratio Lower Upper
70 100
42 60.0 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Tgt Ion: 136 Resp: 538769
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.0 7.7 11.5
68 5.2 4.9 7.3

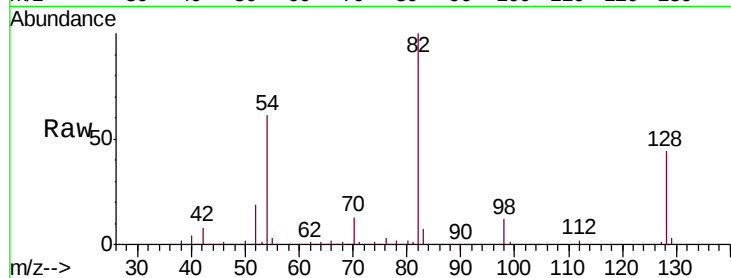




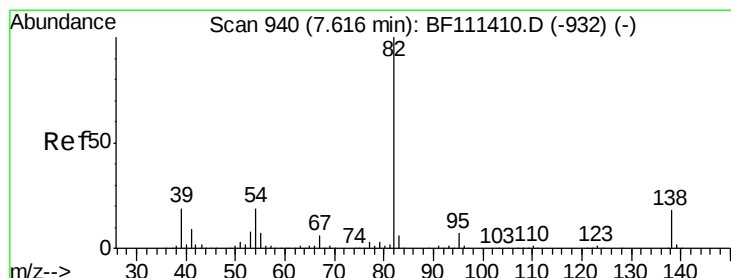
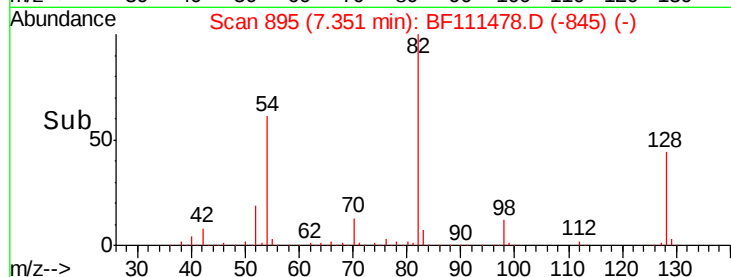
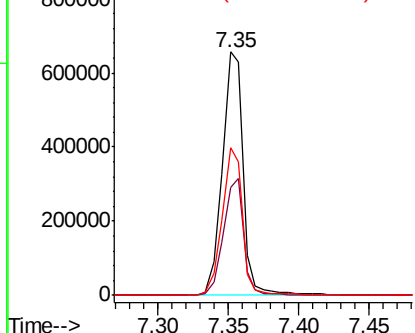
#23
Nitrobenzene-d5
Concen: 74.242 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Tgt Ion: 82 Resp: 671707
Ion Ratio Lower Upper
82 100
128 44.3 37.4 56.2
54 60.7 47.6 71.4

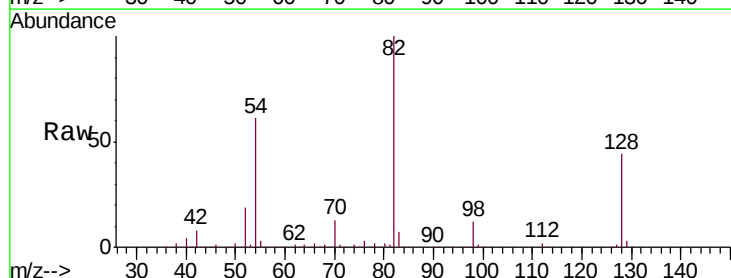


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

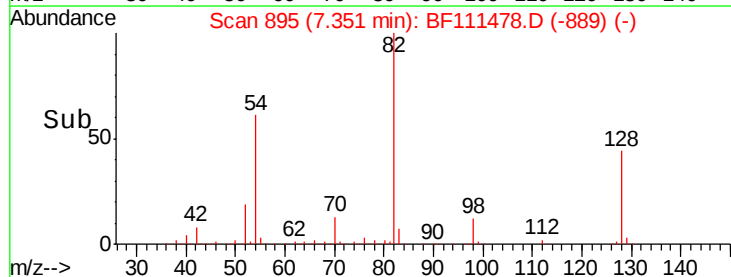
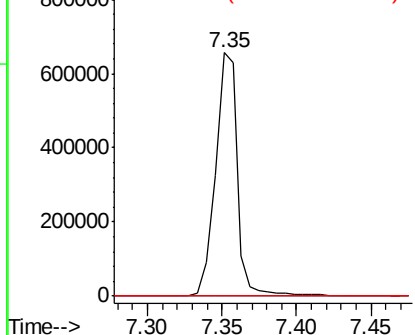


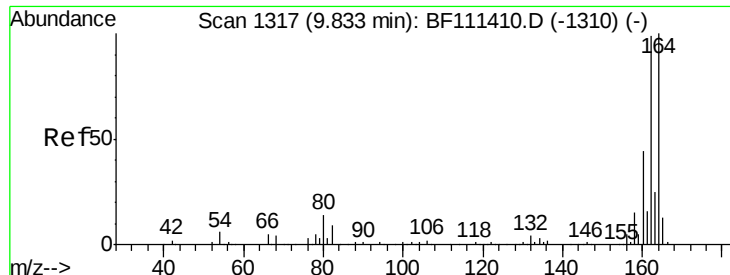
#25
Isophorone
Concen: 43.877 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Tgt Ion: 82 Resp: 671700
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: BF111478.D

Acq: 15 Dec 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TP-A-FRAME

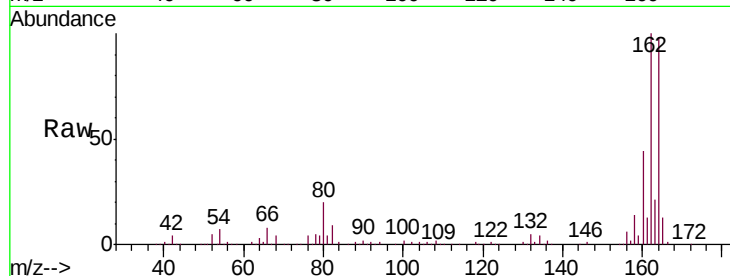
Tgt Ion:164 Resp: 207661

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

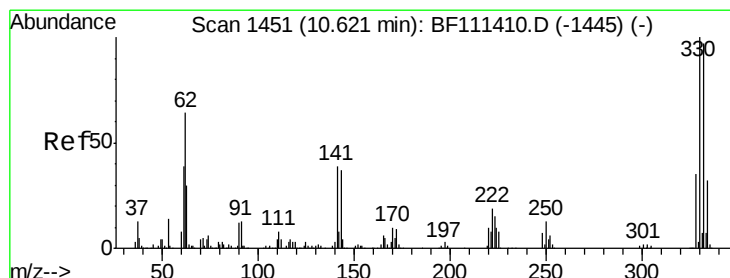
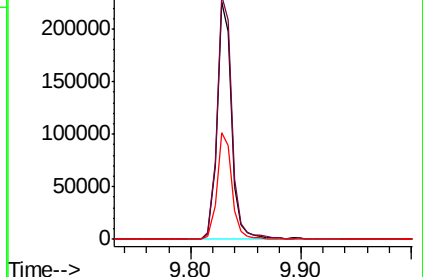
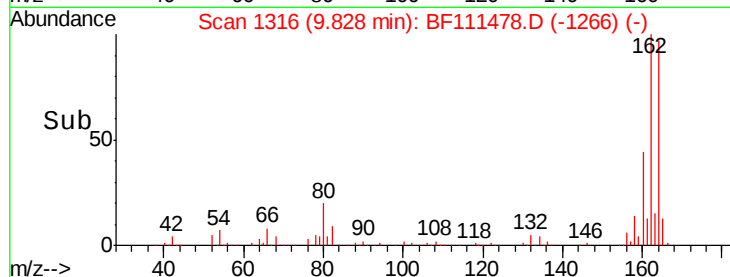
160 44.7 35.7 53.5



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: 96.602 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111478.D

Acq: 15 Dec 2018 19:39

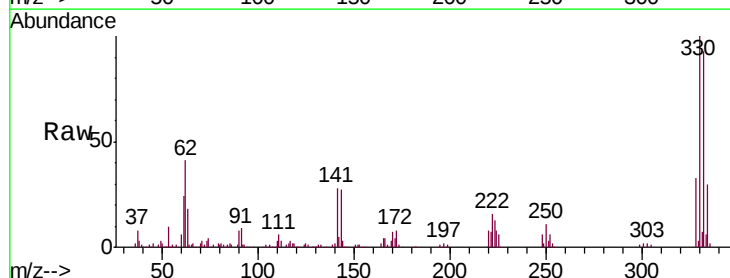
Tgt Ion:330 Resp: 179700

Ion Ratio Lower Upper

330 100

332 93.2 76.0 114.0

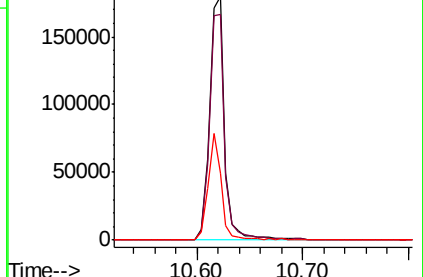
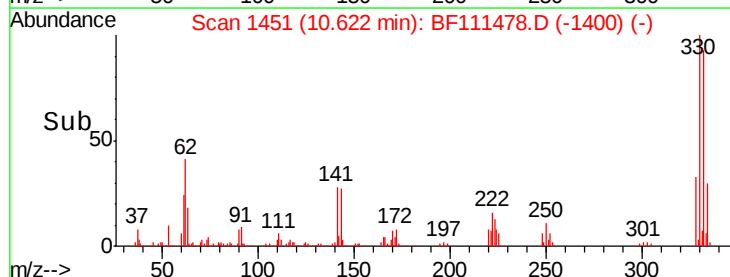
141 38.9 31.0 46.6

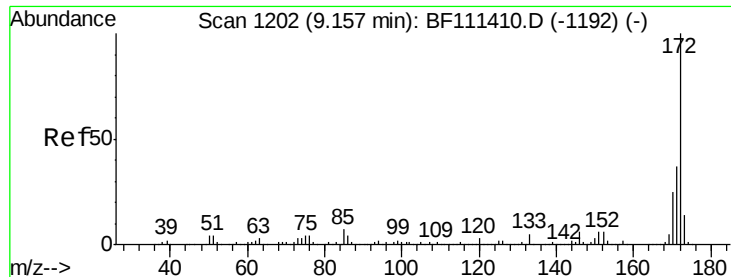


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

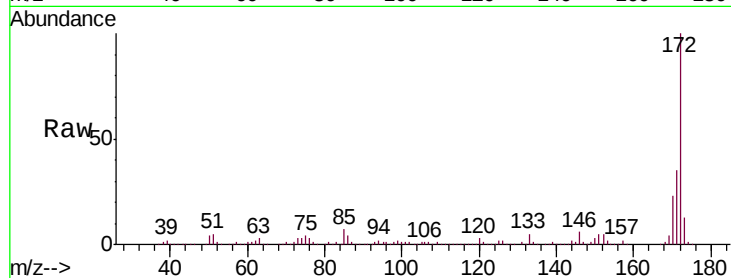




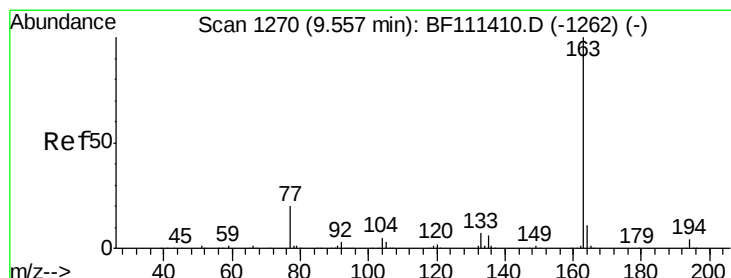
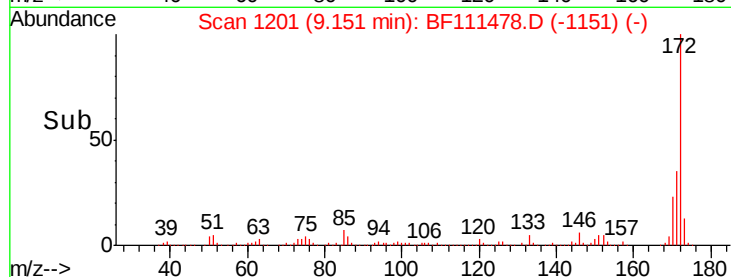
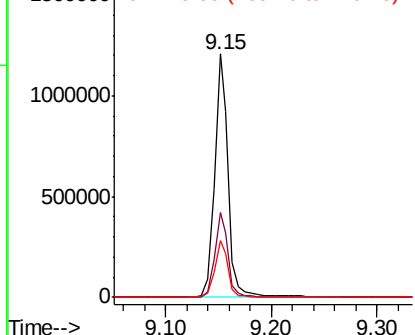
#45
 2-Fluorobiphenyl
 Concen: 81.956 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111478.D
 Acq: 15 Dec 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-A-FRAME

Tgt Ion:172 Resp: 1101812
 Ion Ratio Lower Upper
 172 100
 171 35.0 33.0 49.4
 170 23.2 22.3 33.5

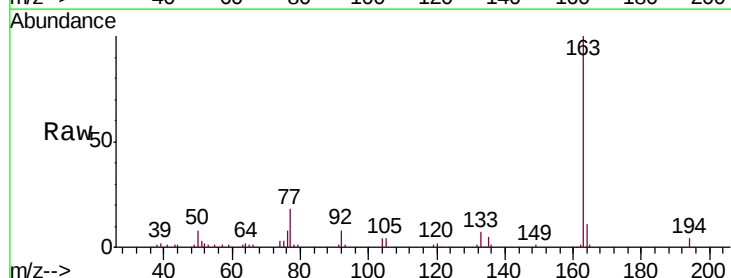


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

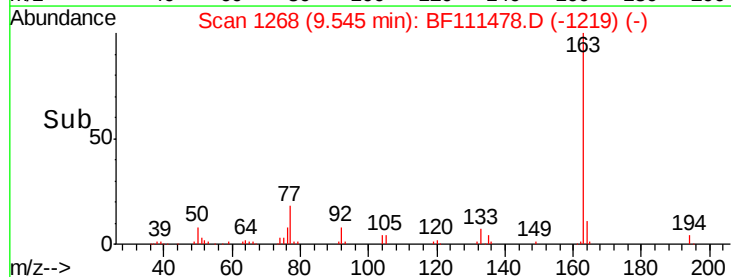
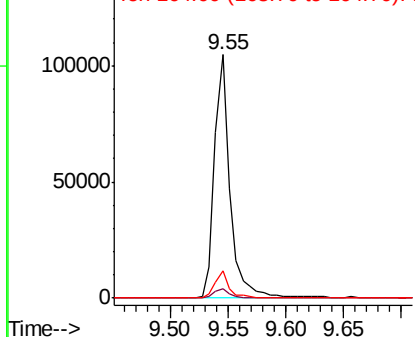


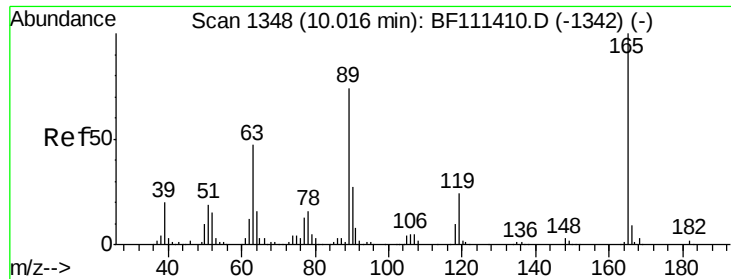
#50
 Dimethylphthalate
 Concen: 6.607 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111478.D
 Acq: 15 Dec 2018 19:39

Tgt Ion:163 Resp: 98809
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 11.2 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

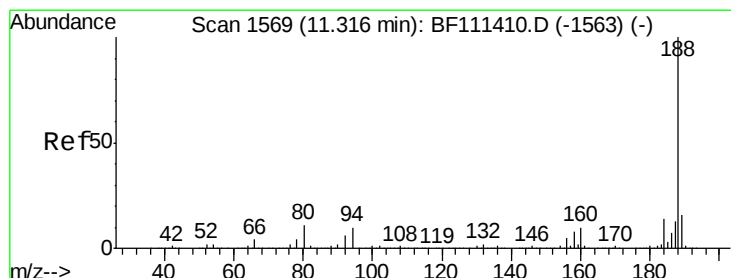
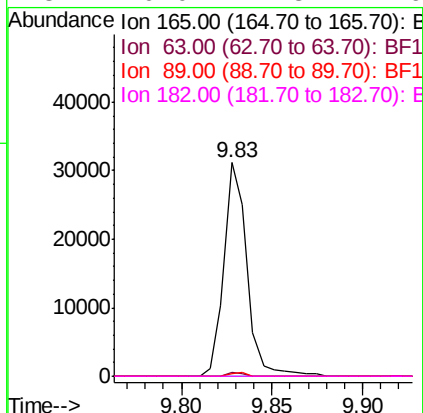
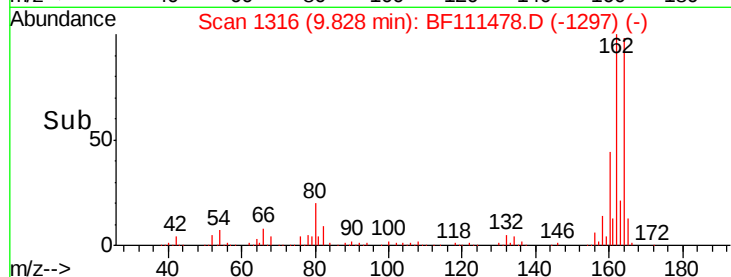
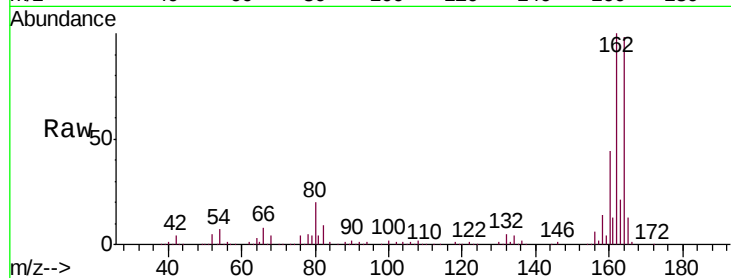




#57
2,4-Dinitrotoluene
Concen: 6.273 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

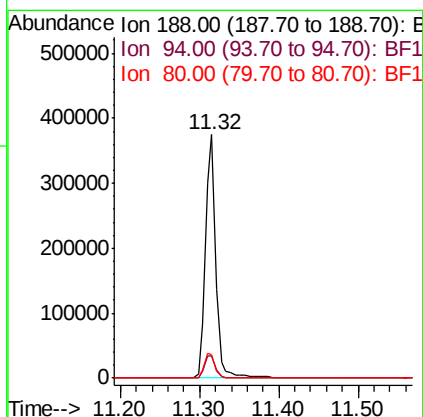
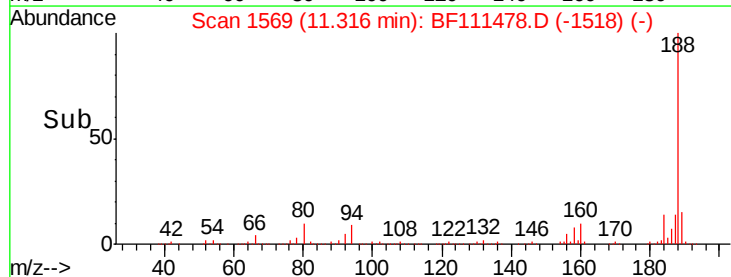
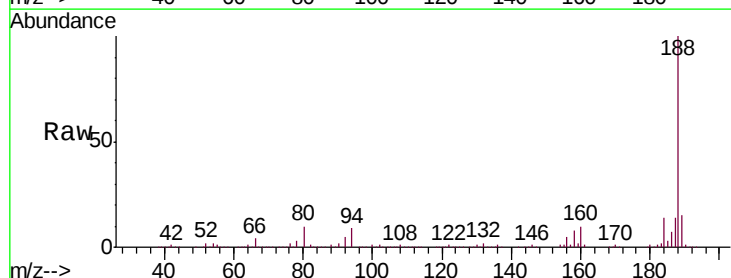
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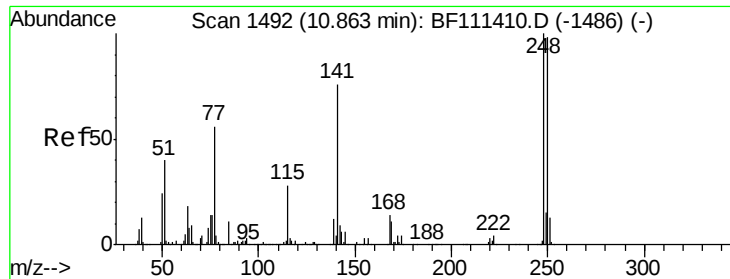
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.6	9.8	14.6#

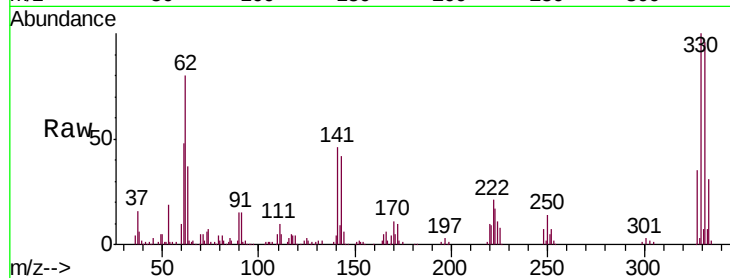




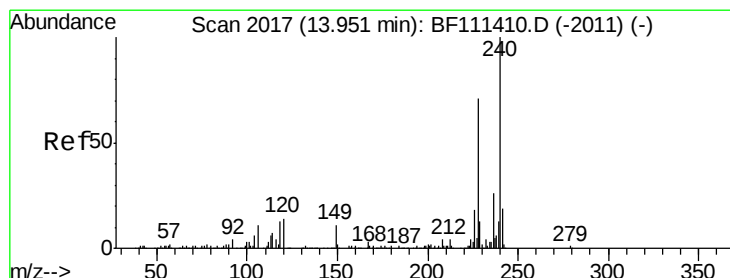
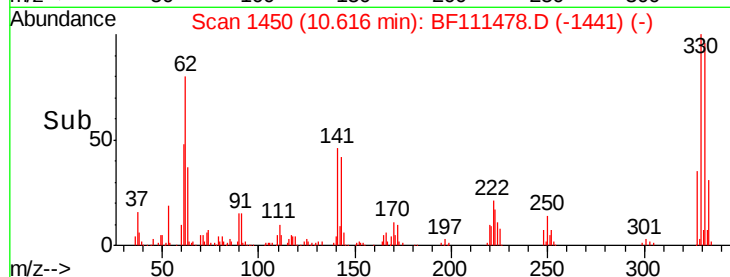
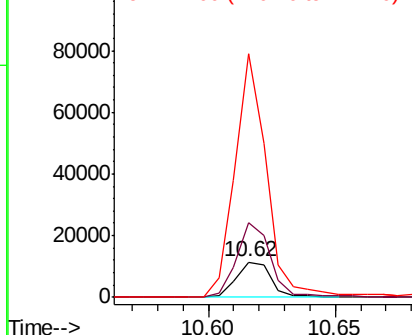
#67
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Instrument :
BNA_F
ClientSampleId :
TP-A-FRAME

Tgt Ion:248 Resp: 11102
Ion Ratio Lower Upper
248 100
250 212.4 77.0 115.4#
141 689.8 63.0 94.6#

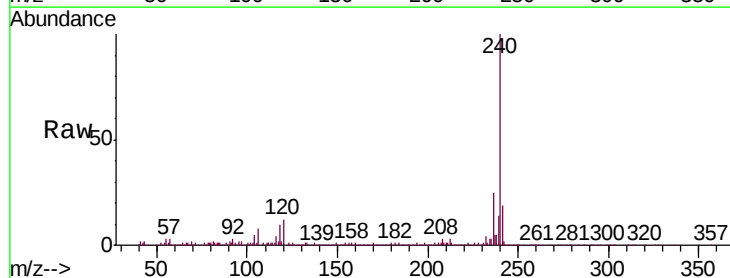


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

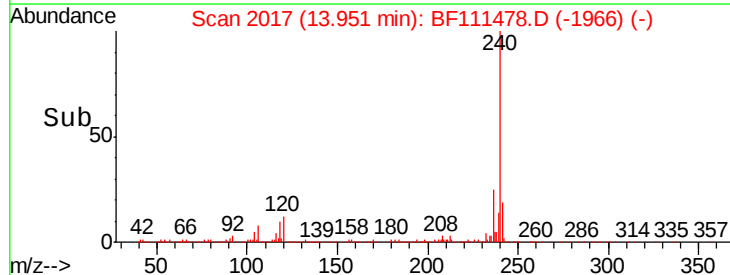
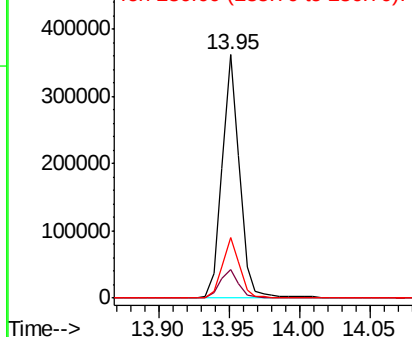


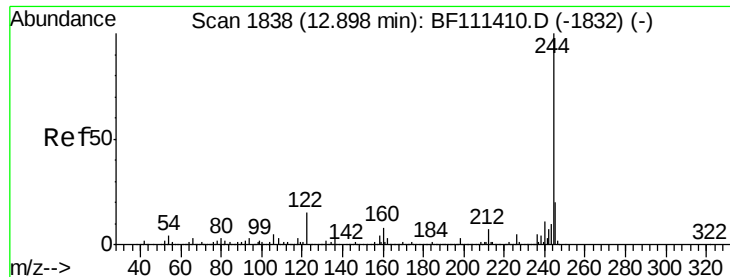
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111478.D
Acq: 15 Dec 2018 19:39

Tgt Ion:240 Resp: 314607
Ion Ratio Lower Upper
240 100
120 12.0 12.2 18.2#
236 25.0 20.2 30.2



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: 67.805 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111478.D

Acq: 15 Dec 2018 19:39

Instrument :

BNA_F

ClientSampleId :

TP-A-FRAME

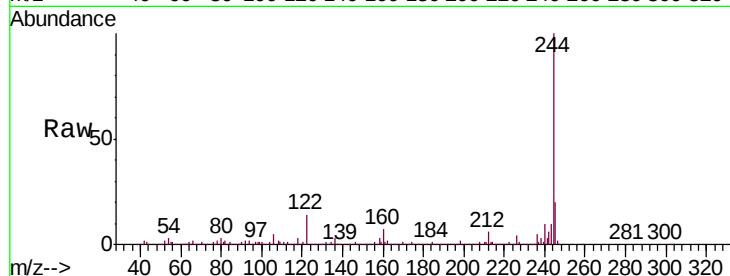
Tgt Ion:244 Resp: 908421

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

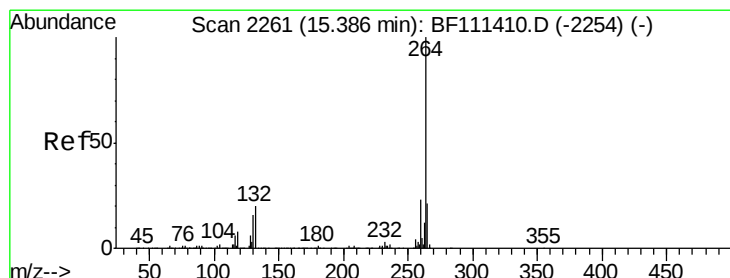
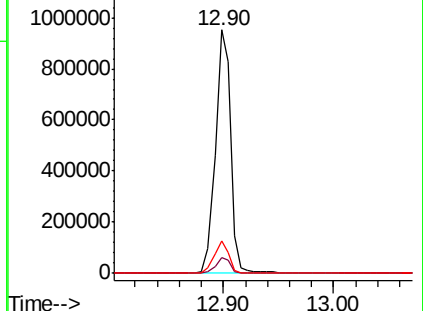
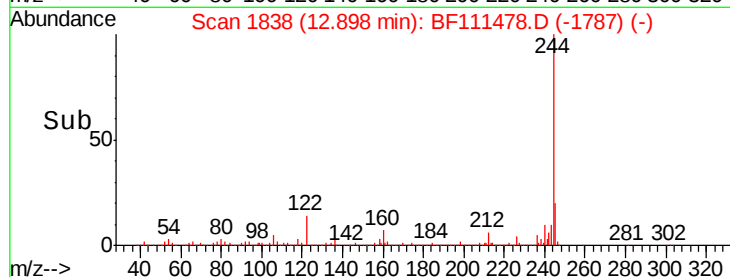
122 13.6 13.1 19.7



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111478.D

Acq: 15 Dec 2018 19:39

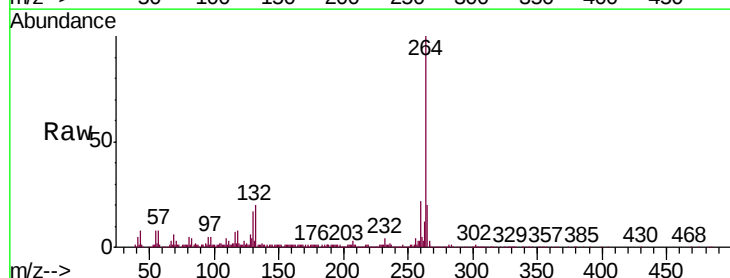
Tgt Ion:264 Resp: 211201

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.4 17.7 26.5



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

