

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113303.D
 Acq On : 26 Mar 2019 20:54
 Operator : JU/SJ
 Sample : K2099-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-A

Quant Time: Mar 27 05:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	139222	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	527914	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	262299	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	501338	20.00	ng	0.00
76) Chrysene-d12	13.83	240	349280	20.00	ng	-0.01
87) Perylene-d12	15.23	264	405799	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	353331	41.50	ng	0.00
7) Phenol-d6	6.35	99	308888	28.68	ng	-0.01
23) Nitrobenzene-d5	7.26	82	795187	89.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	230730	71.21	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1480367	89.36	ng	0.00
79) Terphenyl-d14	12.79	244	1257914	79.38	ng	0.00

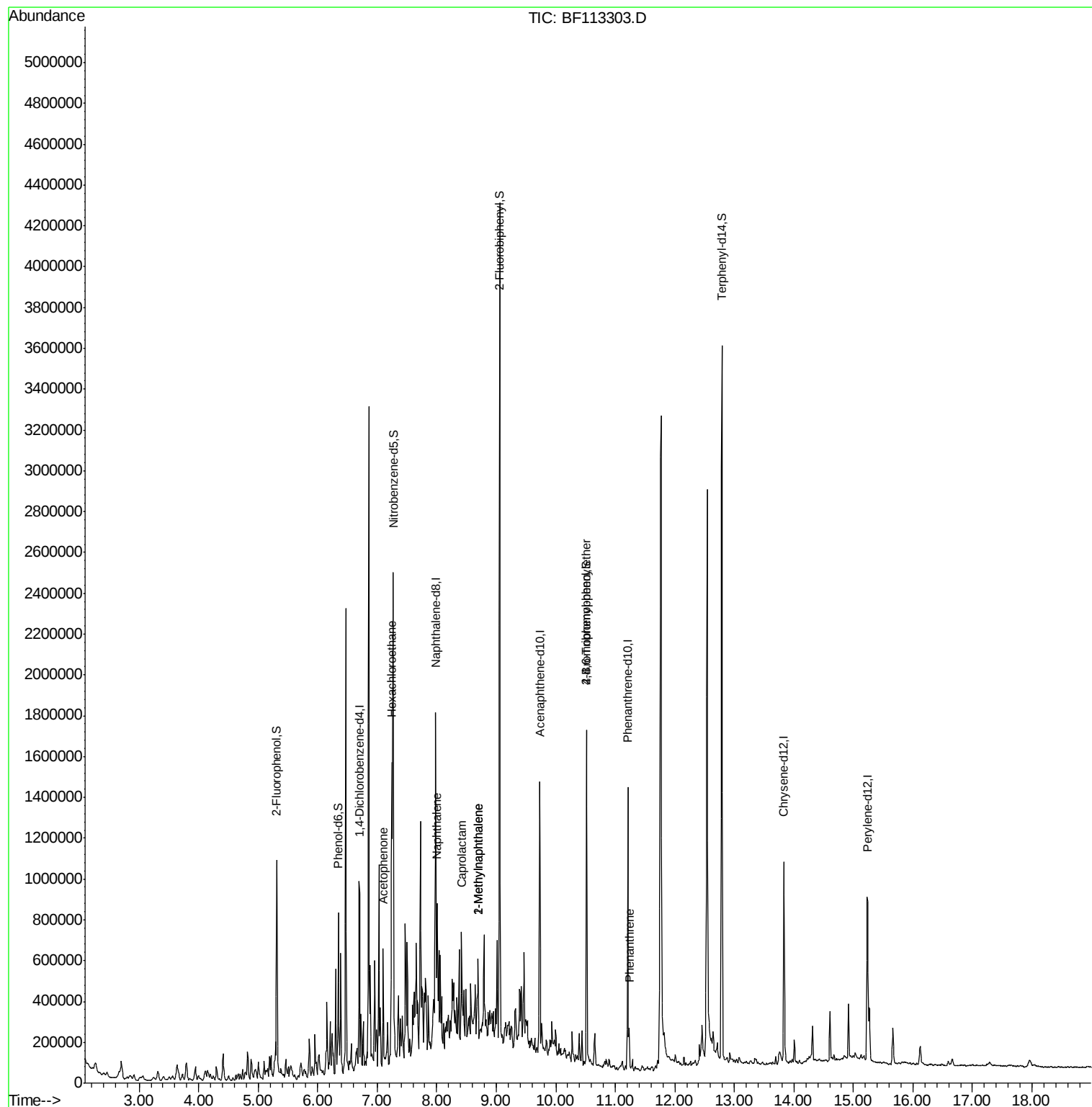
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.24	117	75677	20.475	ng	# 1
20) 3+4-Methylphenols	7.14	107	2386	Below Cal		# 21
22) Acetophenone	7.10	105	115487	9.592	ng	# 53
31) Naphthalene	8.00	128	106129	4.114	ng	# 94
35) Caprolactam	8.42	113	11639	4.742	ng	# 25
37) 2-Methylnaphthalene	8.70	142	125262	7.782	ng	99
38) 1-Methylnaphthalene	8.70	142	125262	8.090	ng	96
67) 4-Bromophenyl-phenylether	10.52	248	13111	2.399	ng	# 1
71) Phenanthrene	11.23	178	73062	2.935	ng	98

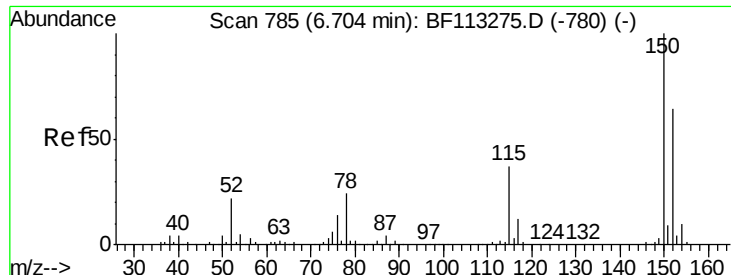
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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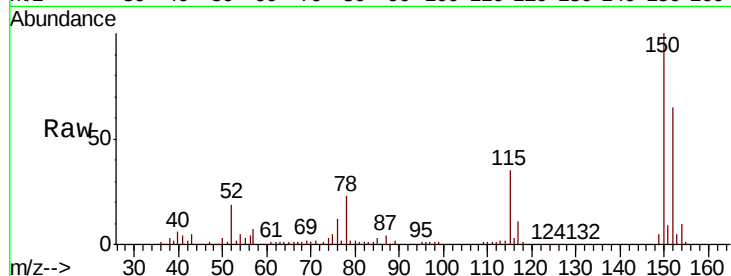


#1

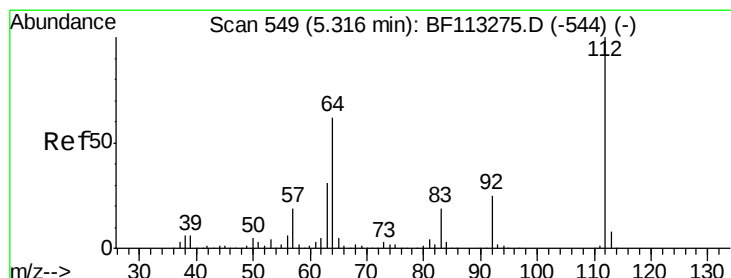
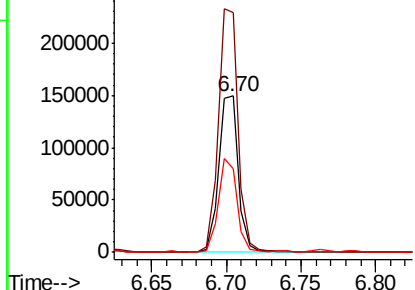
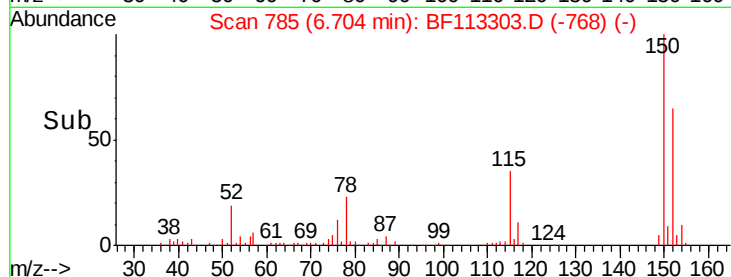
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion:152 Resp: 139222
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 53.6 46.0 69.0



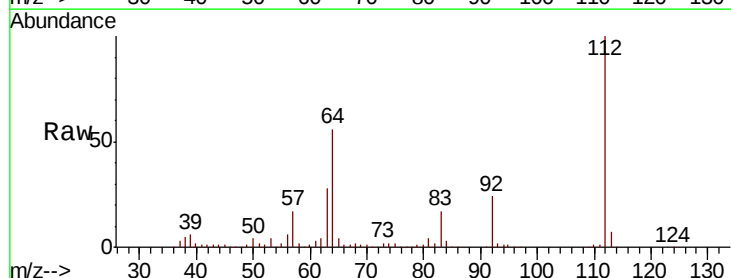
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



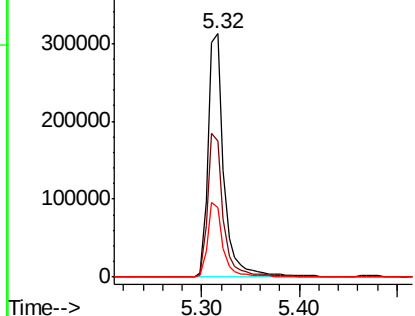
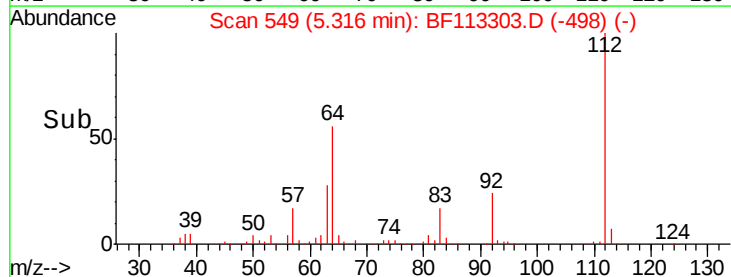
#5

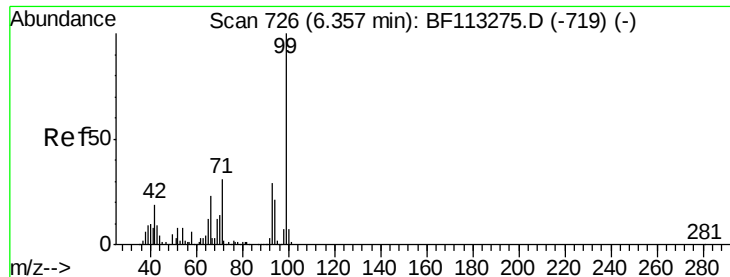
2-Fluorophenol
Concen: 41.498 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion:112 Resp: 353331
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 28.4 24.9 37.3



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: 28.677 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-A

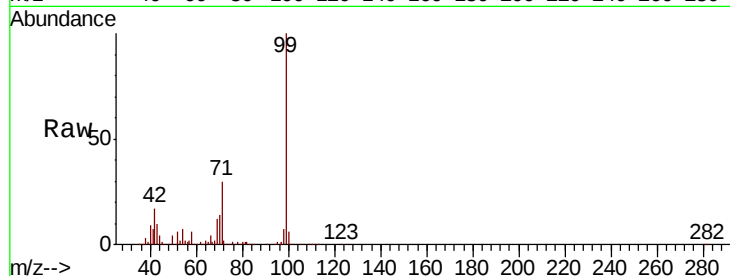
Tgt Ion: 99 Resp: 308888

Ion Ratio Lower Upper

99 100

42 16.9 14.8 22.2

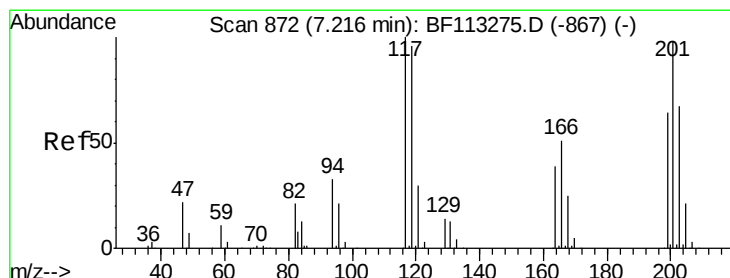
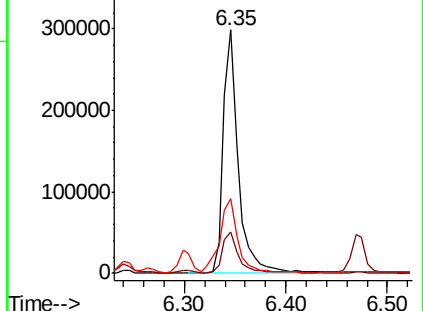
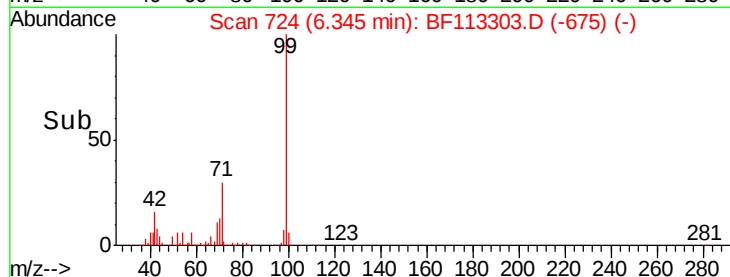
71 30.4 24.9 37.3



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



#18

Hexachloroethane

Concen: 20.475 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

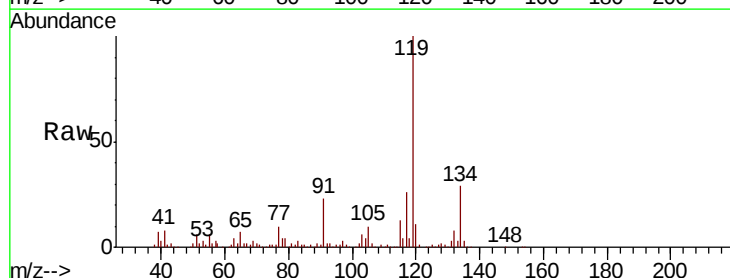
Tgt Ion: 117 Resp: 75677

Ion Ratio Lower Upper

117 100

119 390.5 76.9 115.3#

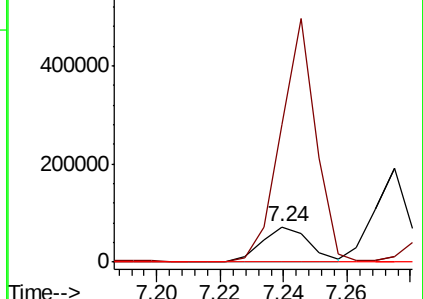
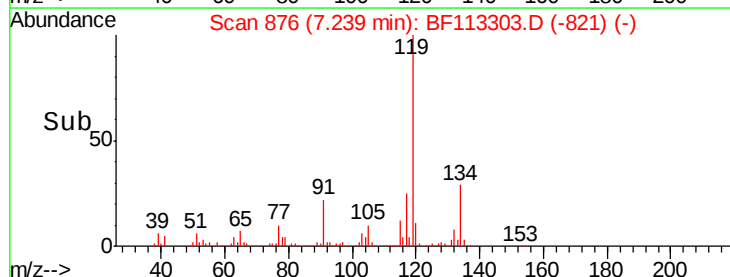
201 0.0 78.7 118.1#

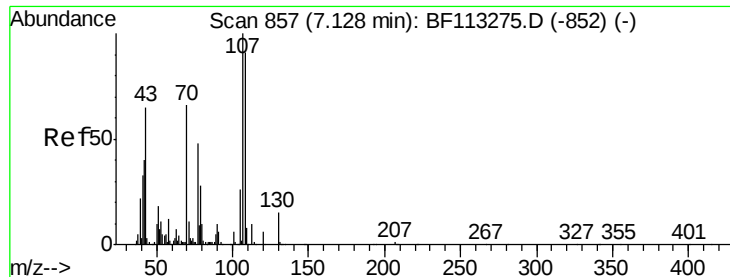


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

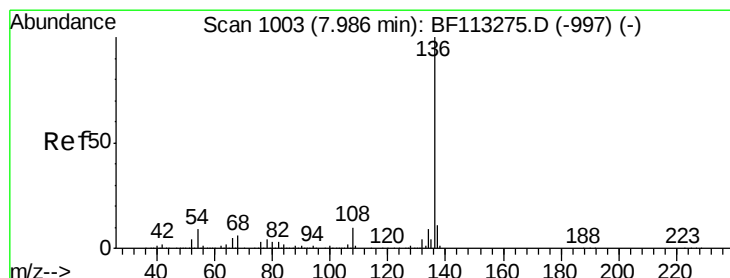
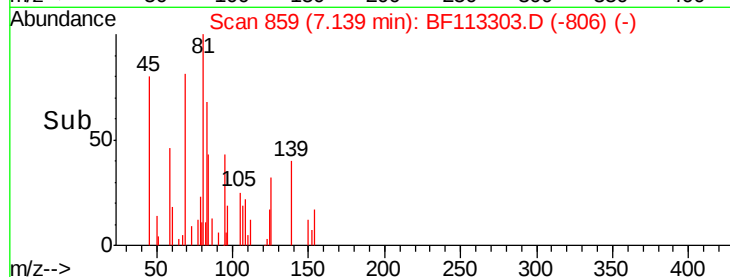
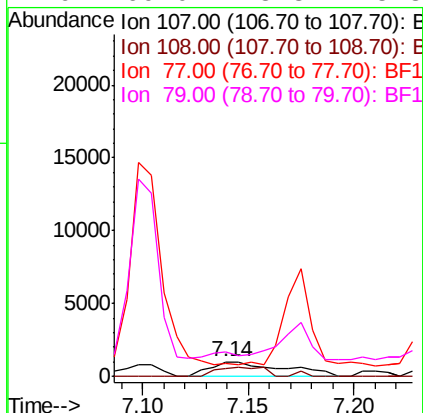
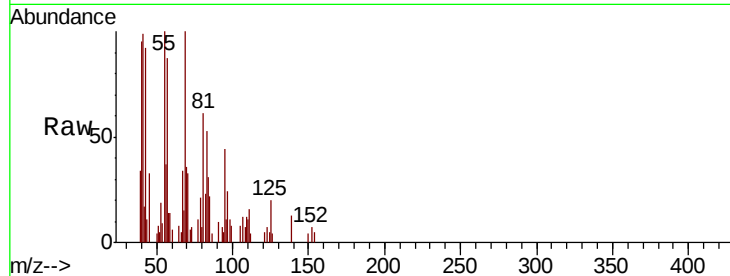




#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

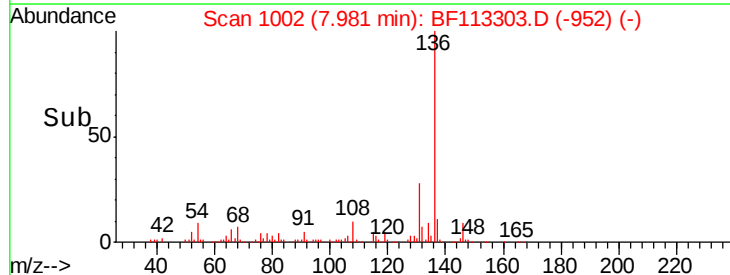
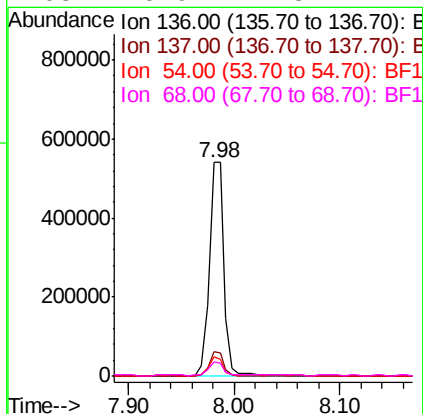
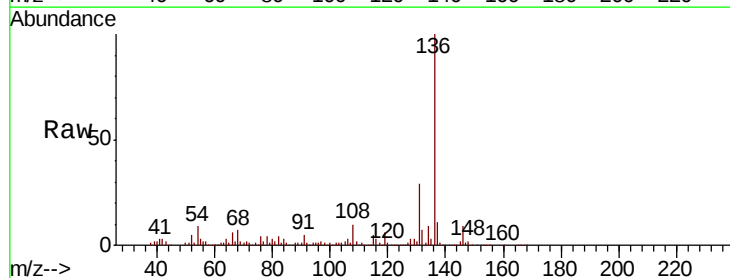
Instrument :
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SHORE-RD-CLVRT-STLD-1H-A

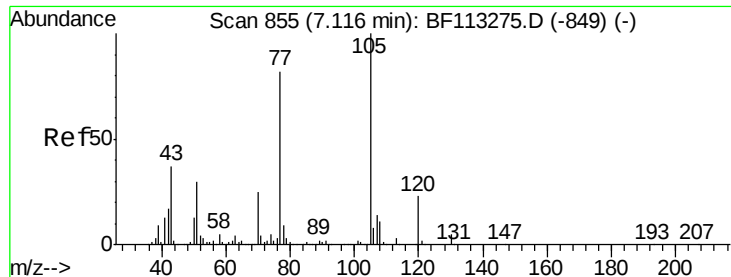
Tgt Ion:107 Resp: 2386
Ion Ratio Lower Upper
107 100
108 55.9 71.4 111.4#
77 89.3 33.5 73.5#
79 169.0 8.3 48.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion:136 Resp: 527914
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.3 7.0 10.6
68 6.9 4.8 7.2

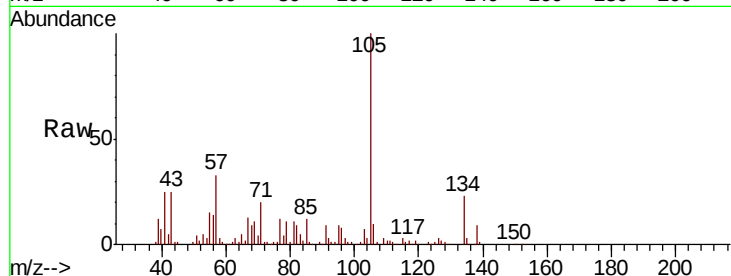




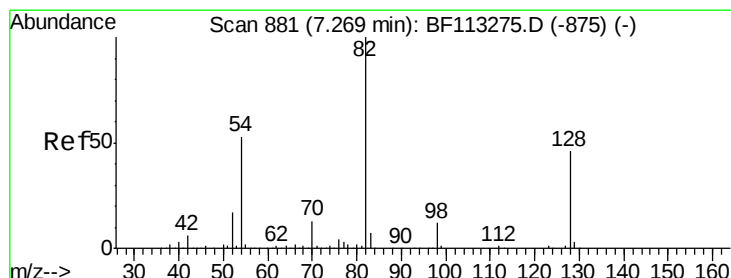
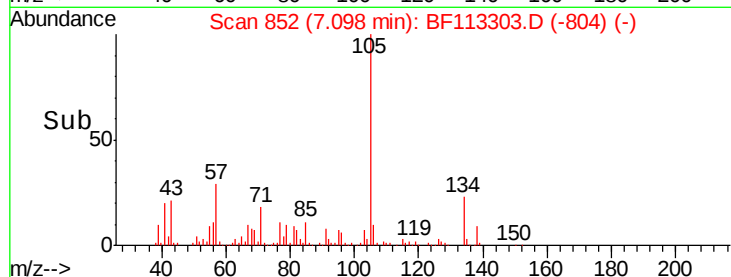
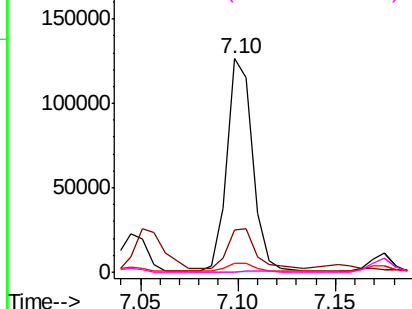
#22
Acetophenone
Concen: 9.592 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion: 105 Resp: 115487
Ion Ratio Lower Upper
105 100
71 19.8 3.3 4.9#
51 4.3 24.2 36.2#
120 0.3 18.1 27.1#

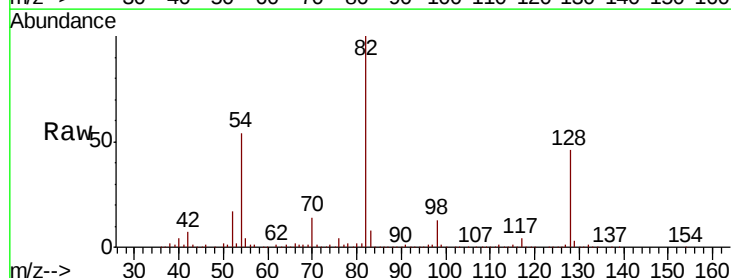


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

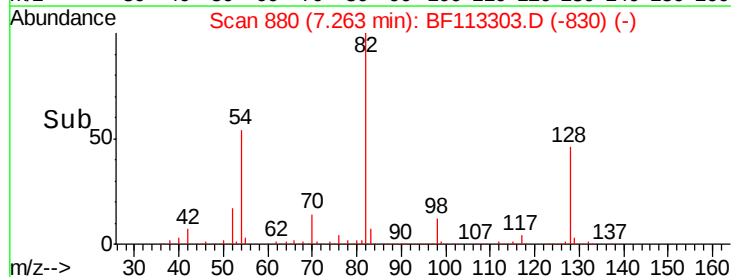
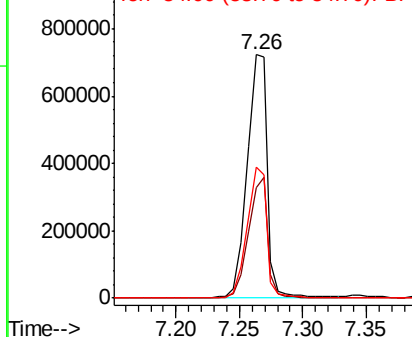


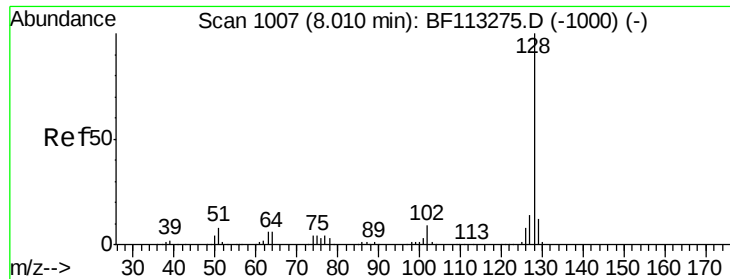
#23
Nitrobenzene-d5
Concen: 89.404 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion: 82 Resp: 795187
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 53.8 42.2 63.2



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

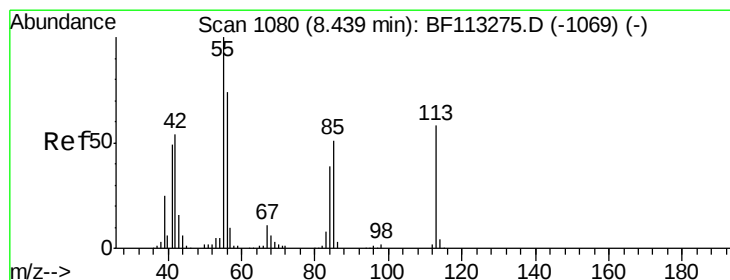
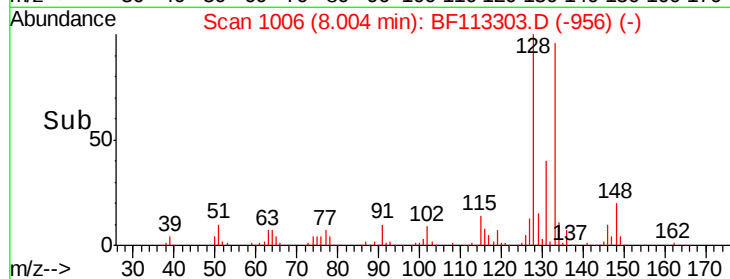
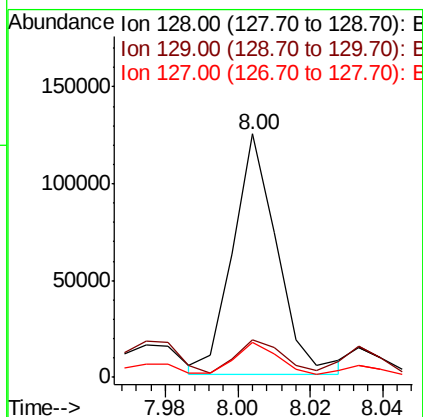
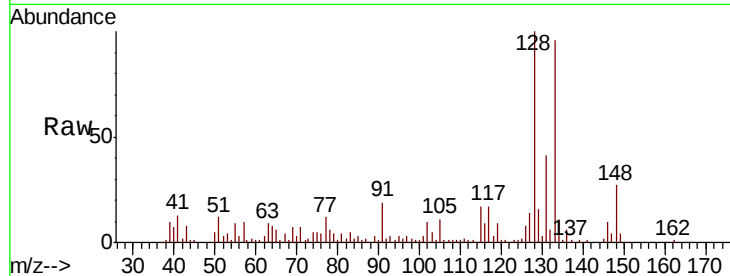




#31
Naphthalene
Concen: 4.114 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

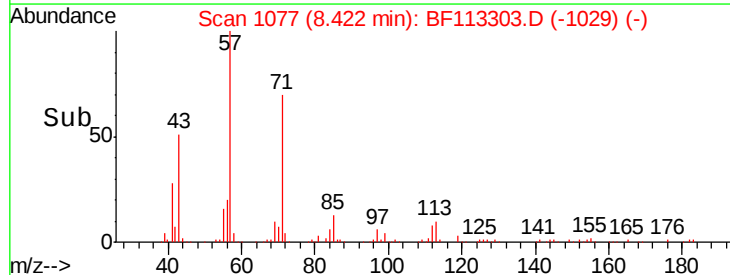
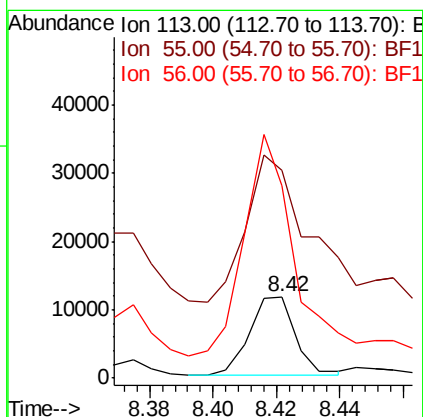
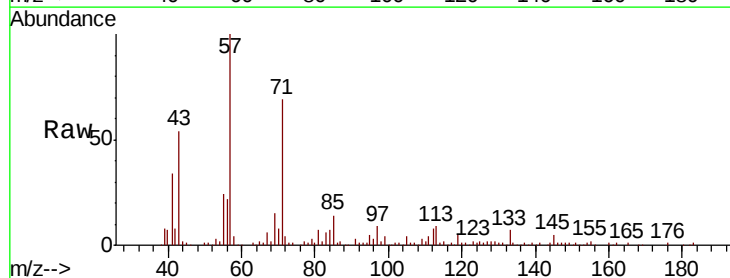
Instrument :
BNA_F
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SHORE-RD-CLVRT-STLD-1H-A

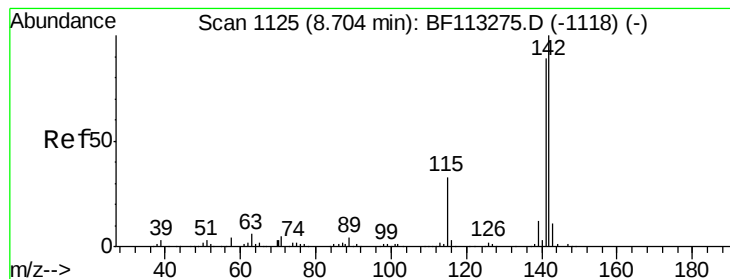
Tgt Ion:128 Resp: 106129
Ion Ratio Lower Upper
128 100
129 15.5 9.3 13.9#
127 14.5 10.9 16.3



#35
Caprolactam
Concen: 4.742 ng
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion:113 Resp: 11639
Ion Ratio Lower Upper
113 100
55 256.7 152.7 192.7#
56 237.6 108.3 148.3#





#37

2-Methylnaphthalene

Concen: 7.782 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-A

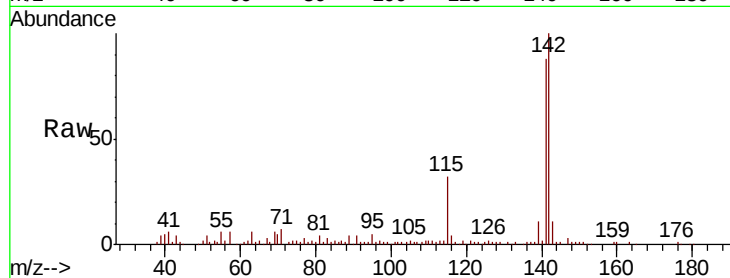
Tgt Ion:142 Resp: 125262

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6

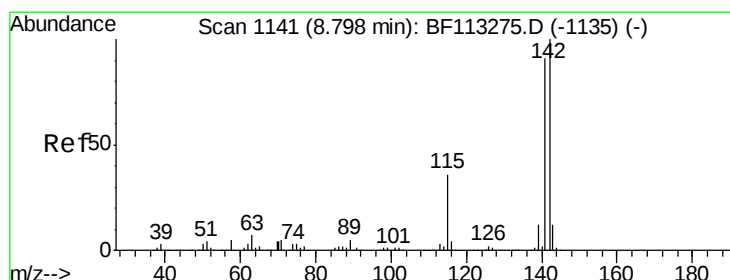
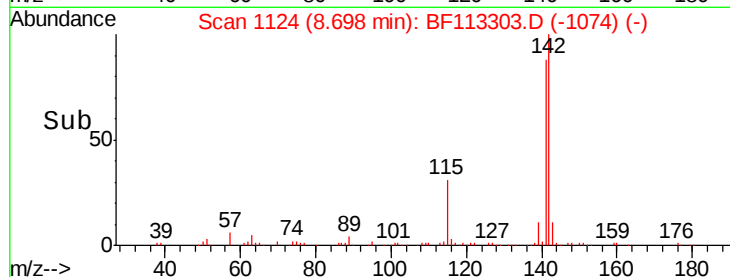
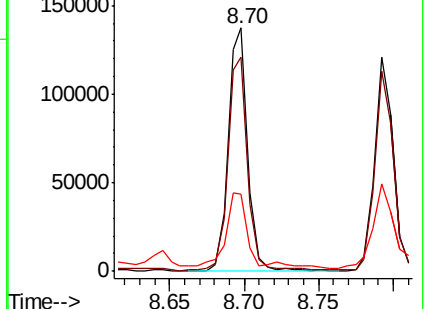
115 31.9 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.090 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.10 min

Lab File: BF113303.D

Acq: 26 Mar 2019 20:54

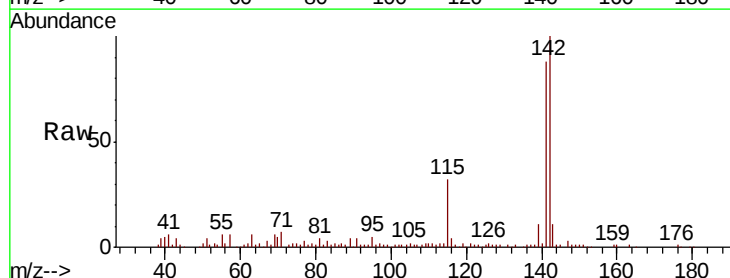
Tgt Ion:142 Resp: 125262

Ion Ratio Lower Upper

142 100

141 87.9 73.2 109.8

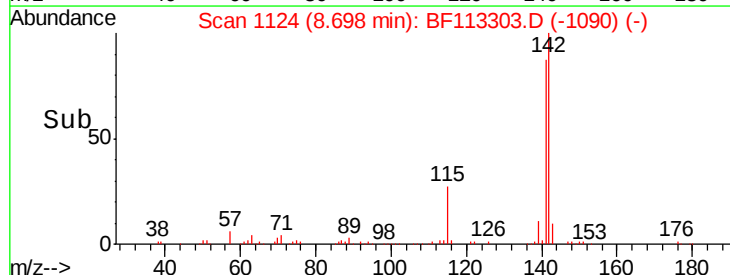
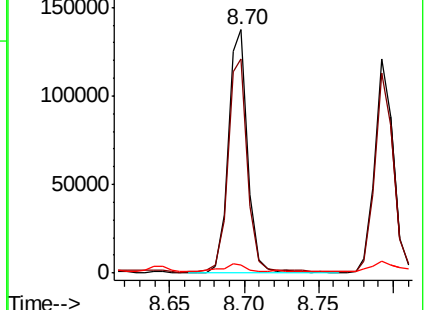
116 3.6 3.0 4.4

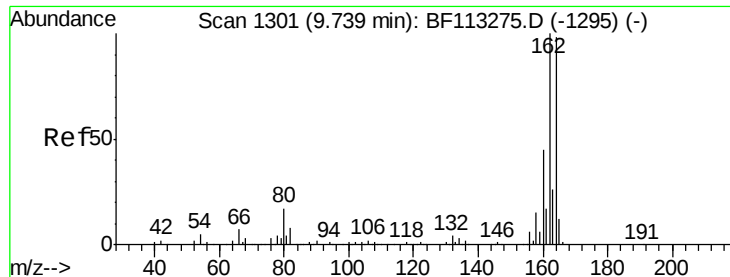


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

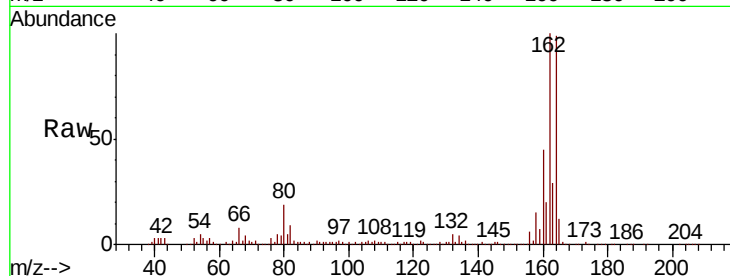




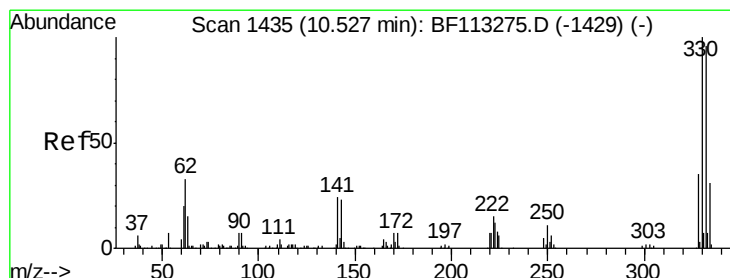
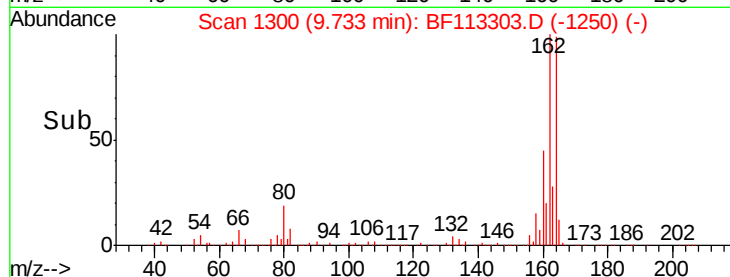
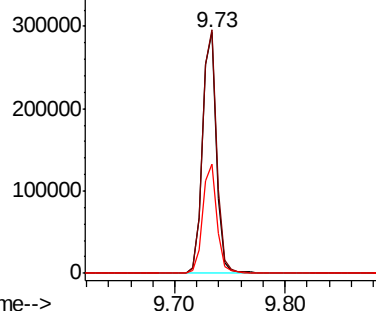
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion:164 Resp: 262299
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 45.2 36.4 54.6

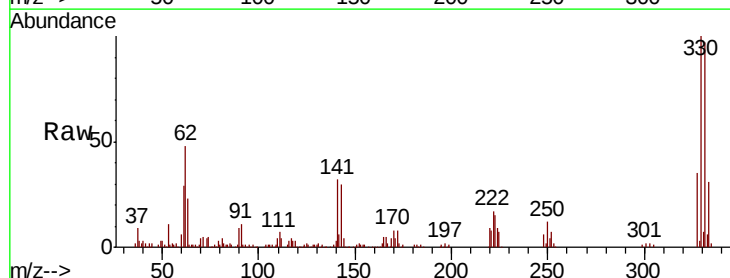


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

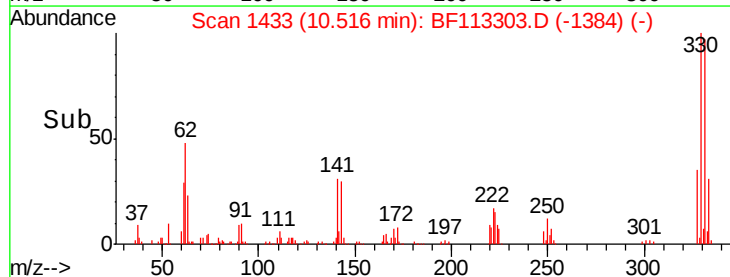
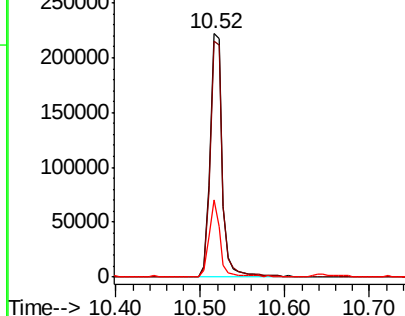


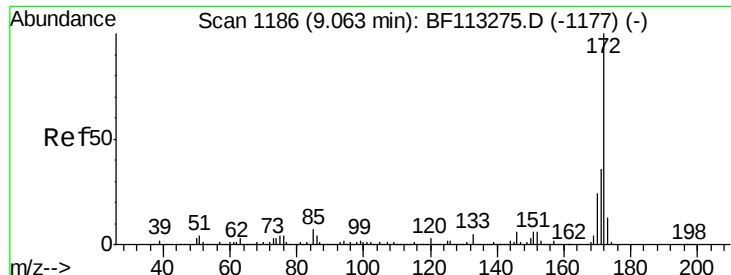
#42
2,4,6-Tribromophenol
Concen: 71.213 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion:330 Resp: 230730
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 27.2 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

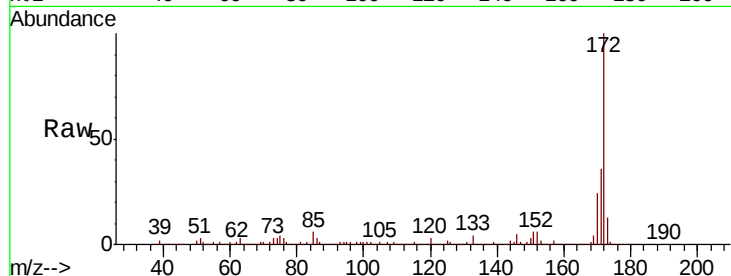




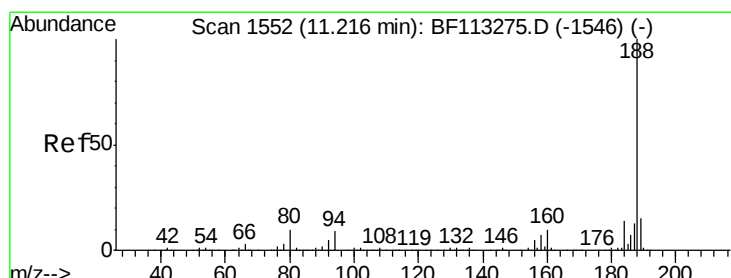
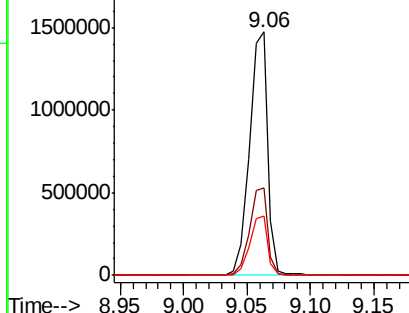
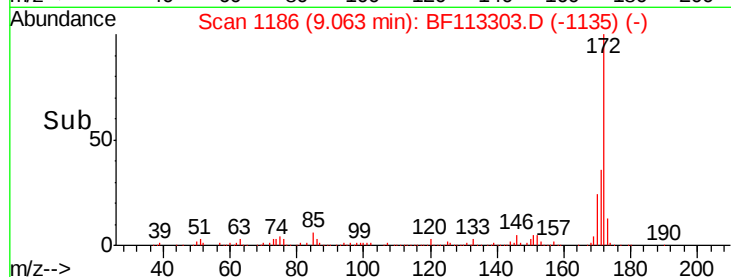
#45
2-Fluorobiphenyl
Concen: 89.364 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion:172 Resp: 1480367
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 24.3 19.5 29.3

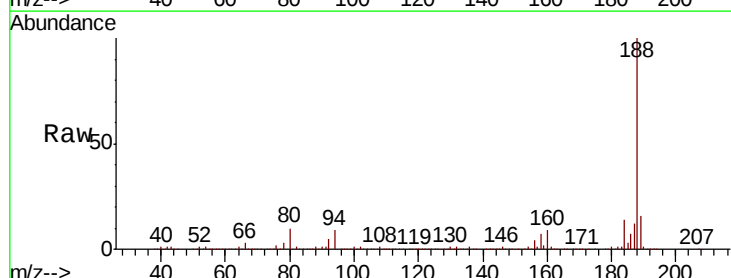


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

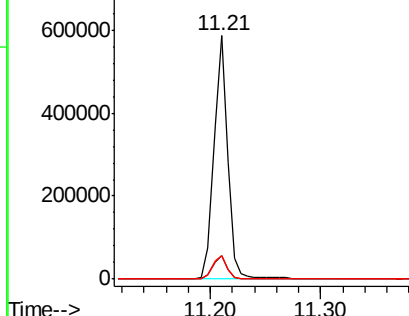
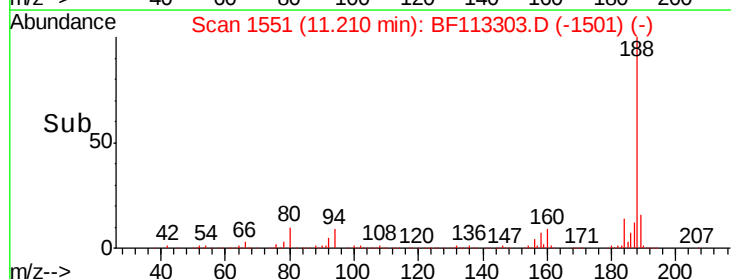


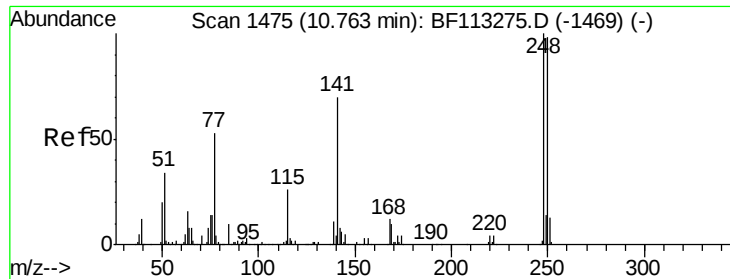
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion:188 Resp: 501338
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
800000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

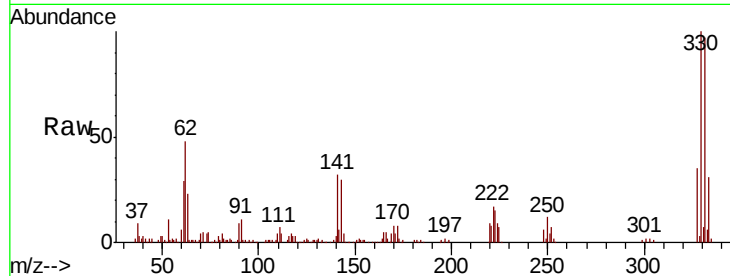




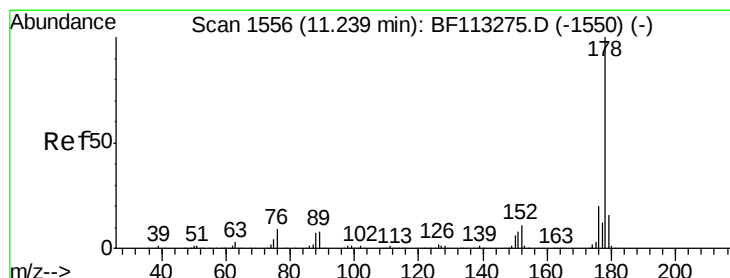
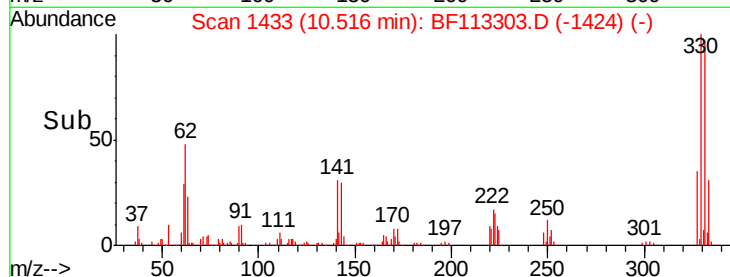
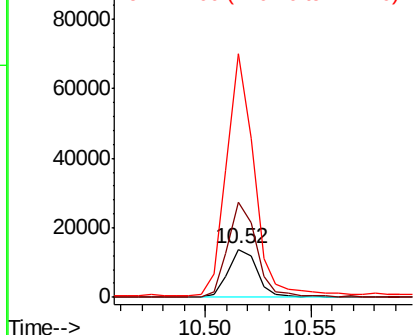
#67
 4-Bromophenyl-phenylether
 Concen: 2.399 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion:248 Resp: 13111
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.3 117.5#
 141 505.9 56.2 84.4#

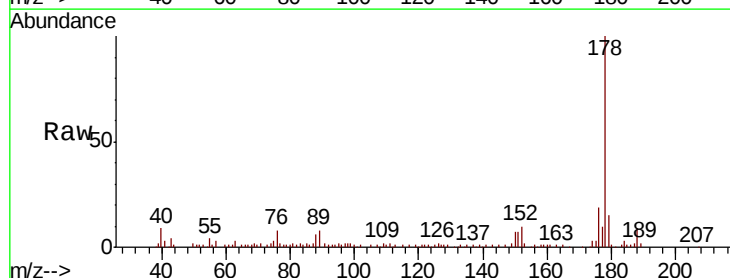


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

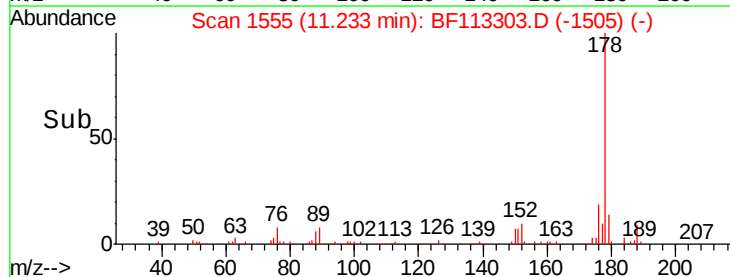
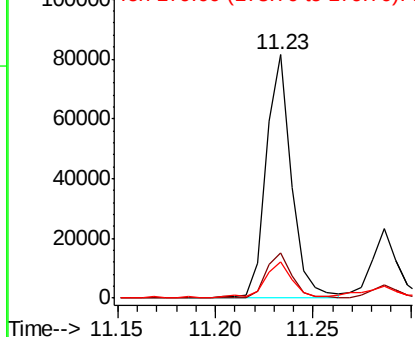


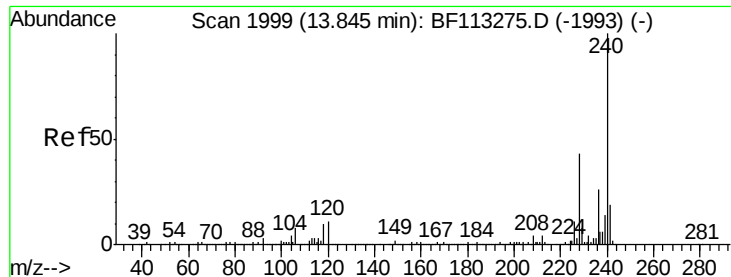
#71
 Phenanthrene
 Concen: 2.935 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113303.D
 Acq: 26 Mar 2019 20:54

Tgt Ion:178 Resp: 73062
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.2
 179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

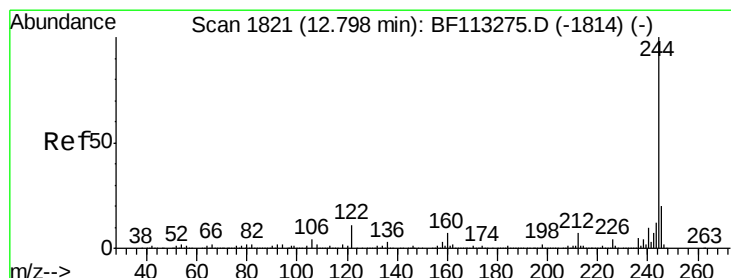
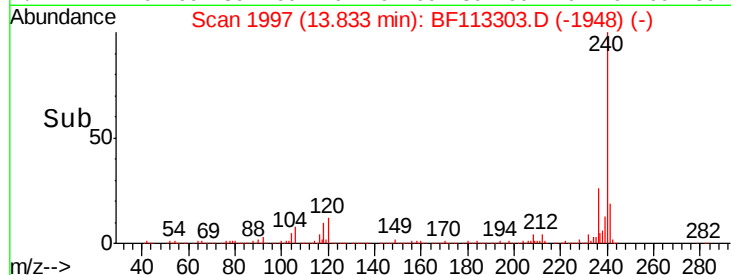
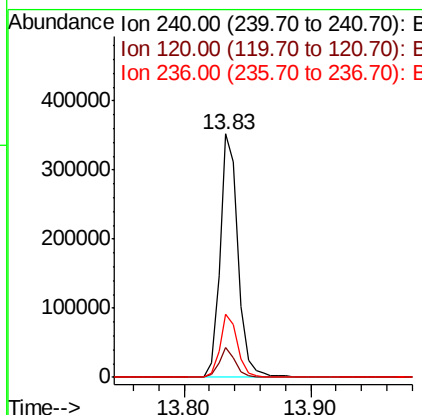
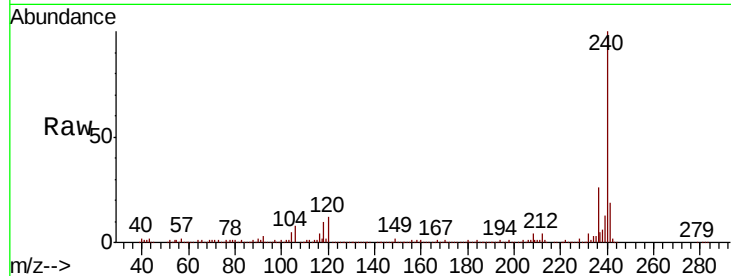




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

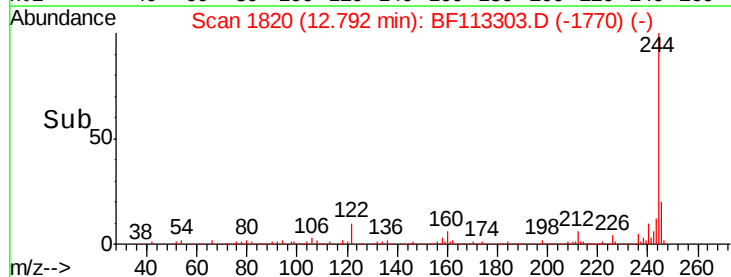
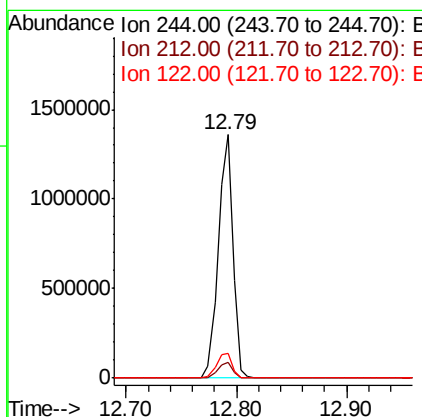
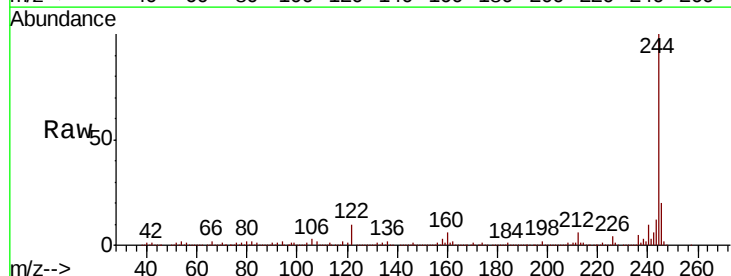
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

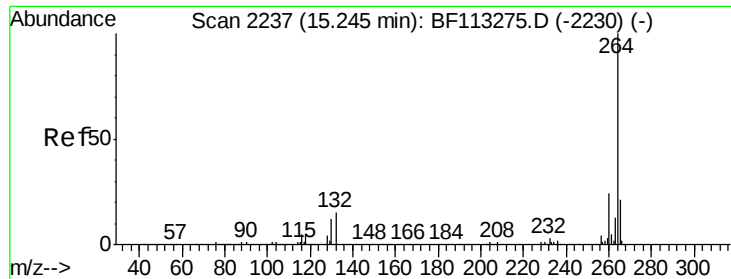
Tgt Ion:240 Resp: 349280
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 79.382 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Tgt Ion:244 Resp: 1257914
Ion Ratio Lower Upper
244 100
212 6.4 5.5 8.3
122 10.3 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113303.D
Acq: 26 Mar 2019 20:54

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.9	17.1	25.7

