

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104646.D
 Acq On : 19 Apr 2018 23:23
 Operator : JU/SJ
 Sample : J2457-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS003-01

Quant Time: Apr 20 02:04:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

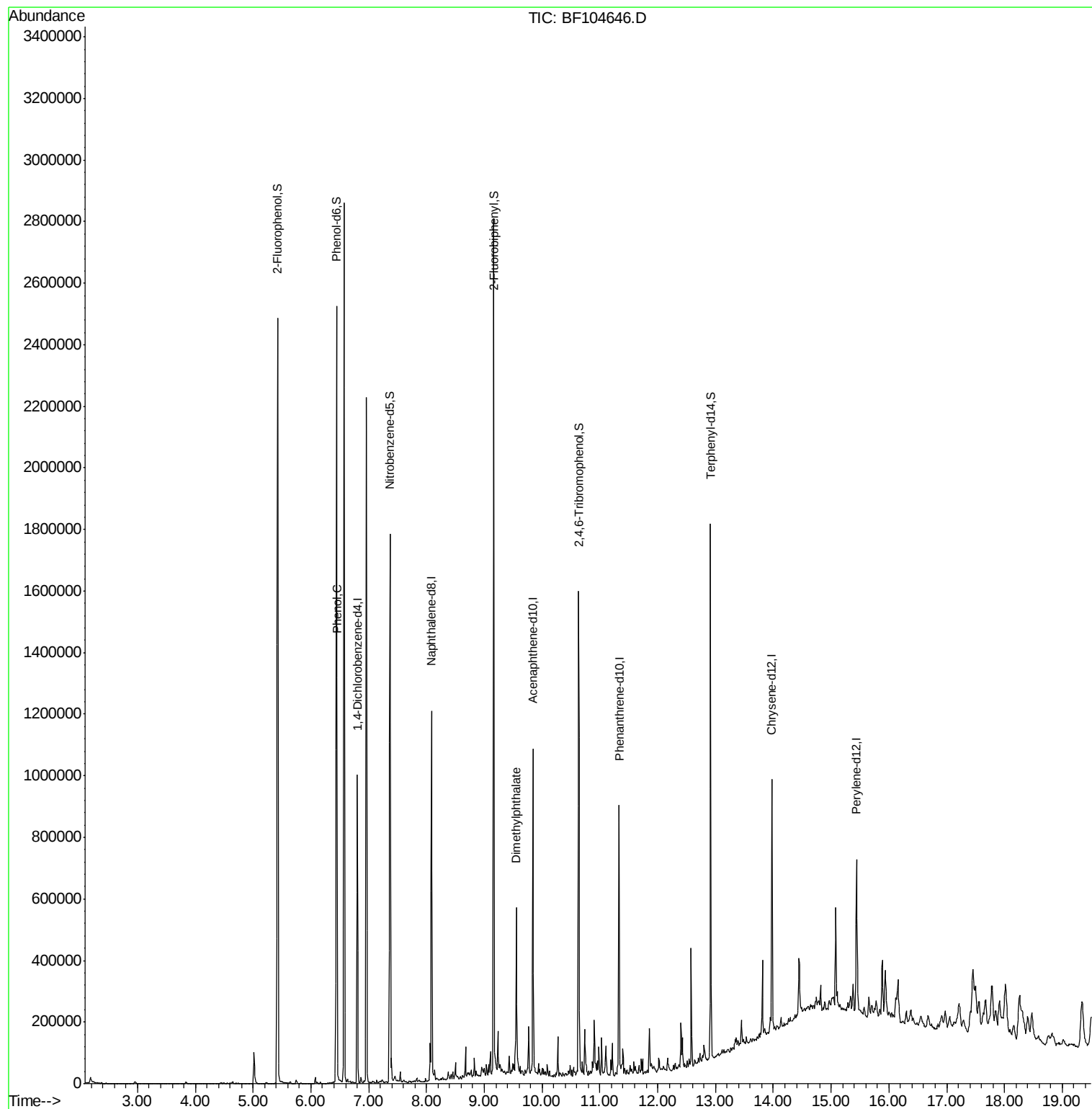
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134790	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	517189	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	208899	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	320442	20.00	ng	0.00
75) Chrysene-d12	13.97	240	284960	20.00	ng	-0.01
86) Perylene-d12	15.44	264	229135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	807794	91.64	ng	0.01
7) Phenol-d6	6.45	99	966608	89.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	603135	76.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	195106	90.04	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	832547	62.96	ng	0.00
78) Terphenyl-d14	12.92	244	566500	45.32	ng	0.00
Target Compounds						
10) Phenol	6.46	94	54003	4.699	ng	94
49) Dimethylphthalate	9.56	163	173963	10.560	ng	99

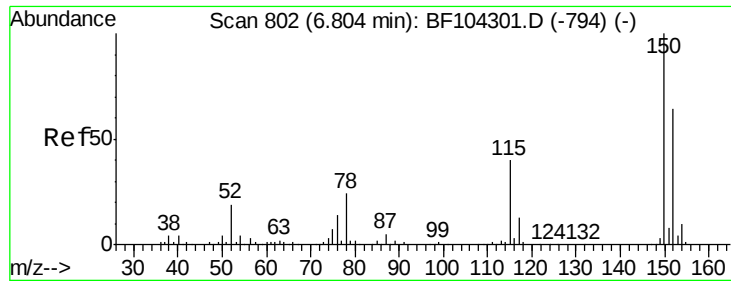
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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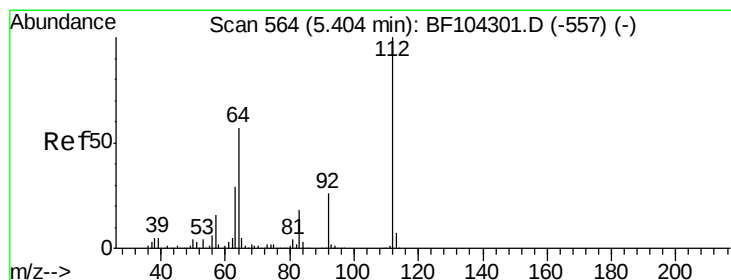
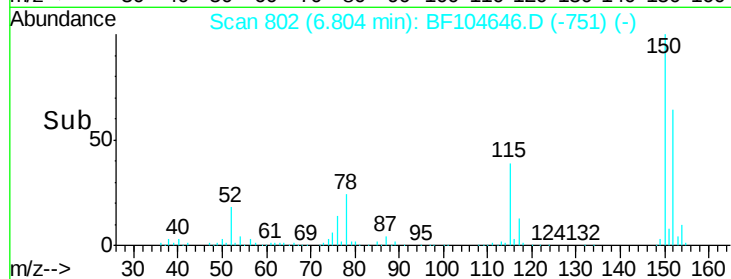
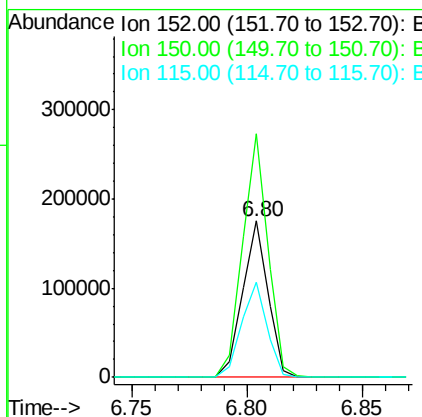
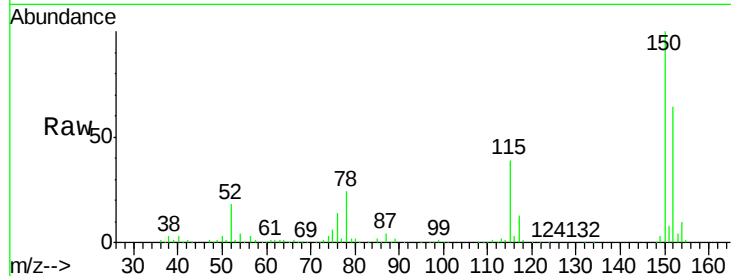


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS003-01

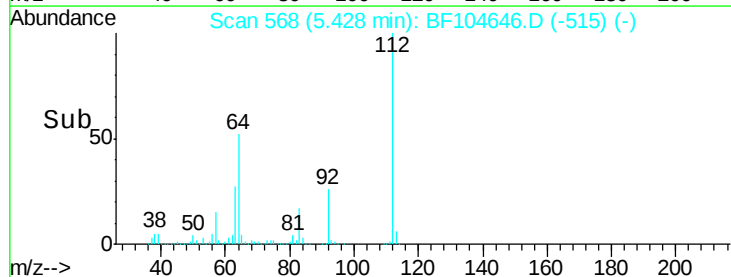
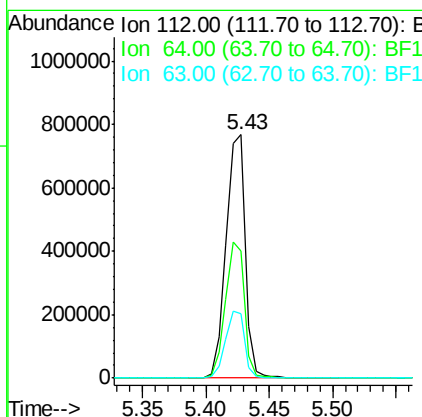
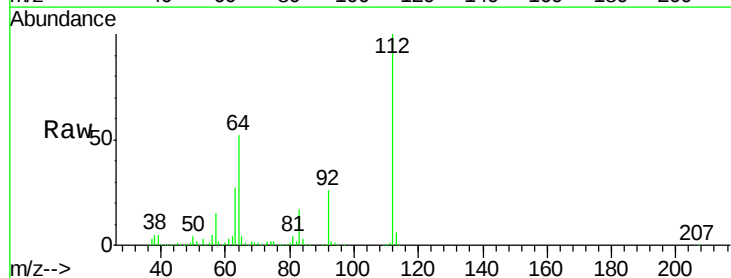
Tot Ion:152 Resp: 134790
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.8 50.1 75.1



#5

2-Fluorophenol
Concen: 91.636 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

Tgt Ion:112 Resp: 807794
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 26.6 23.7 35.5





#7

Phenol-d6

Concen: 89.244 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104646.D

Acq: 19 Apr 2018 23:23

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS003-01

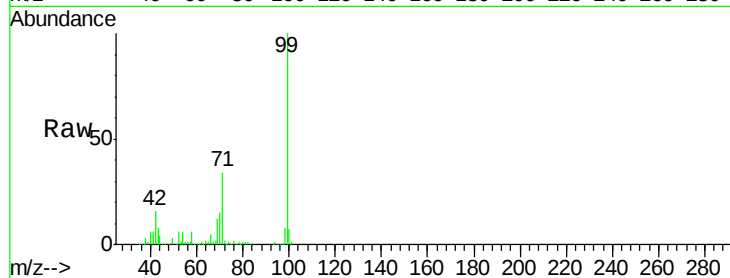
Tot Ion: 99 Resp: 966608

Ion Ratio Lower Upper

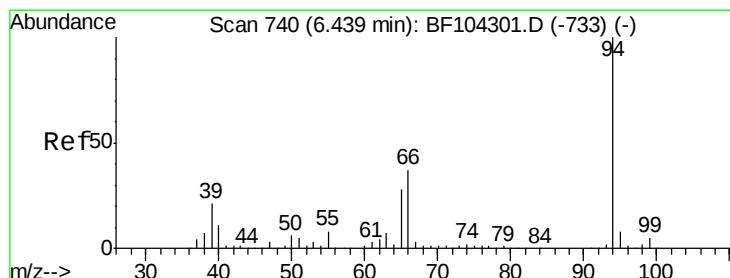
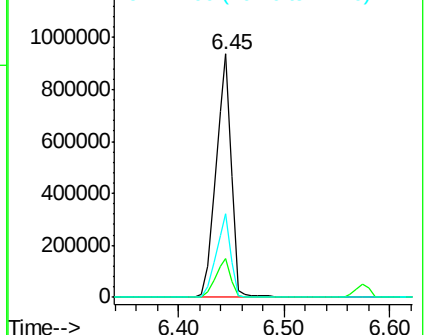
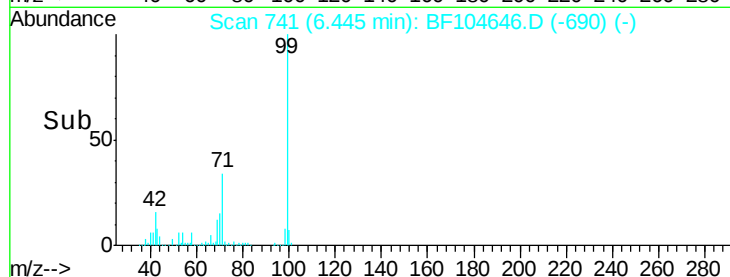
99 100

42 16.0 14.5 21.7

71 34.4 25.4 38.0



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: 4.699 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104646.D

Acq: 19 Apr 2018 23:23

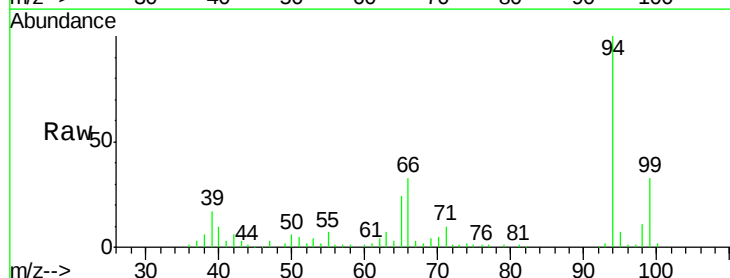
Tgt Ion: 94 Resp: 54003

Ion Ratio Lower Upper

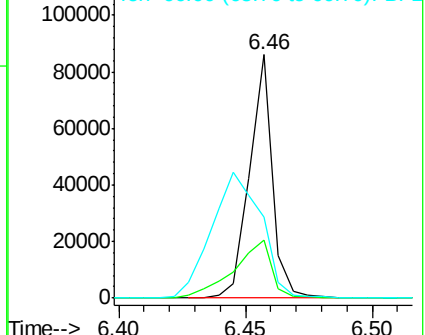
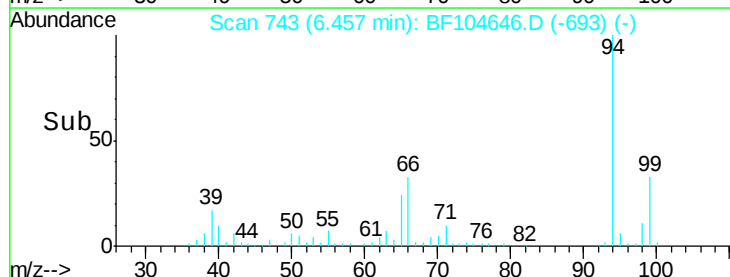
94 100

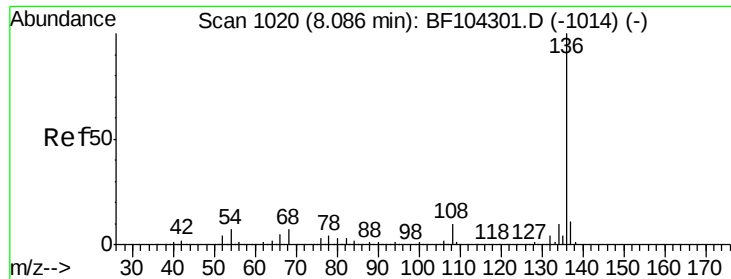
65 23.7 7.9 47.9

66 33.1 16.2 56.2



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

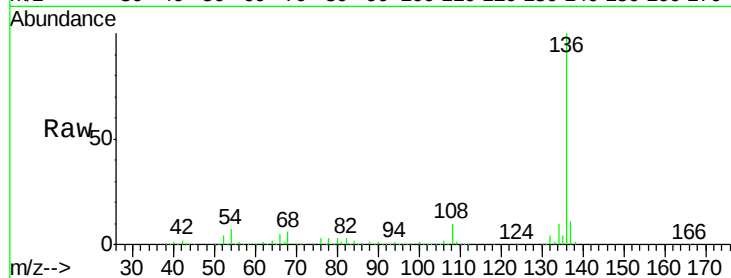




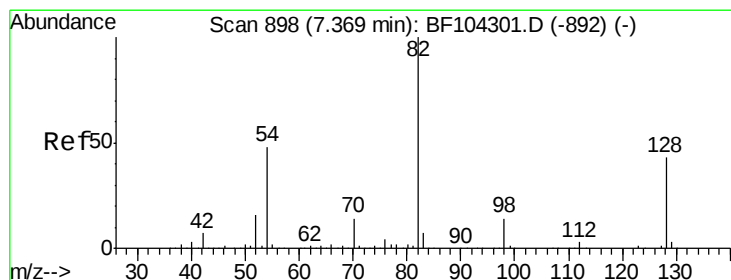
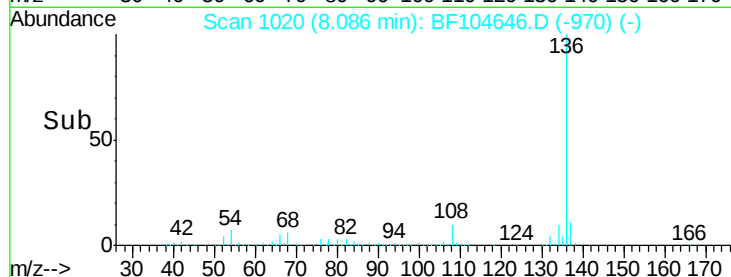
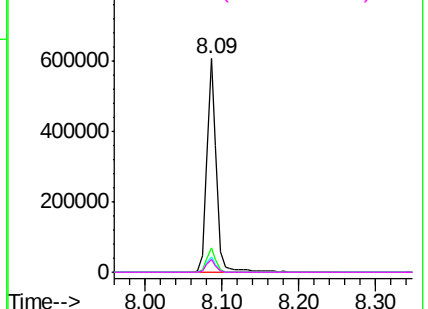
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS003-01

Tot Ion:136	Resp:	517189
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 7.0	6.6	9.8
68 6.0	5.0	7.4

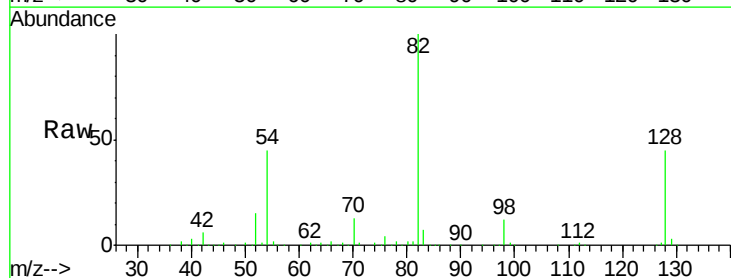


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

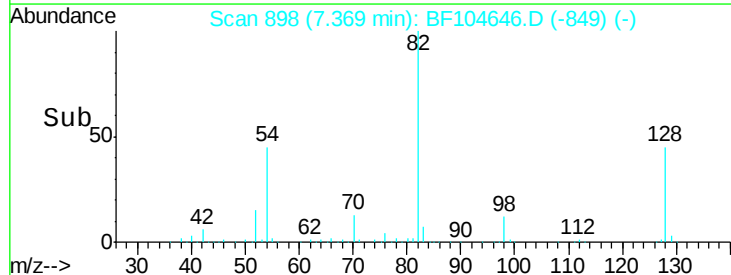
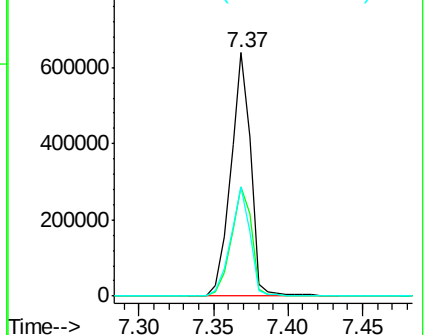


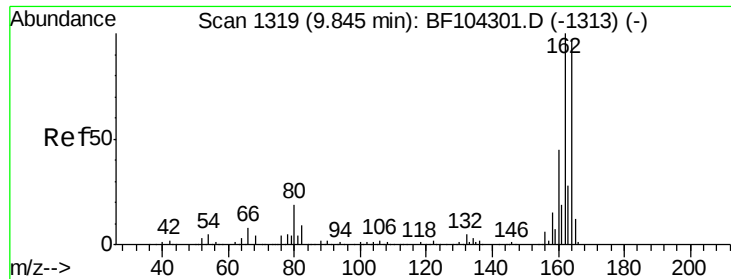
#23
Nitrobenzene-d5
Concen: 76.149 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

Tgt Ion	82	Resp: Lower	603135 Upper
	Ratio 100		
128	45.1	36.1	54.1
54	44.9	41.4	62.2



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

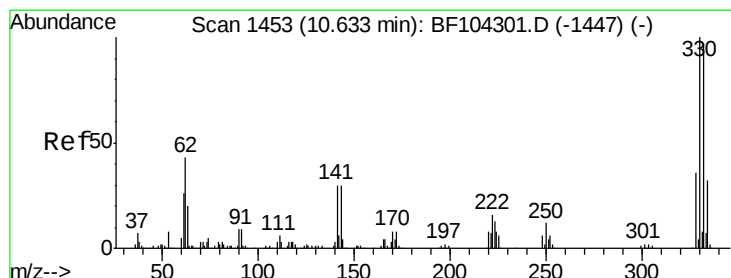
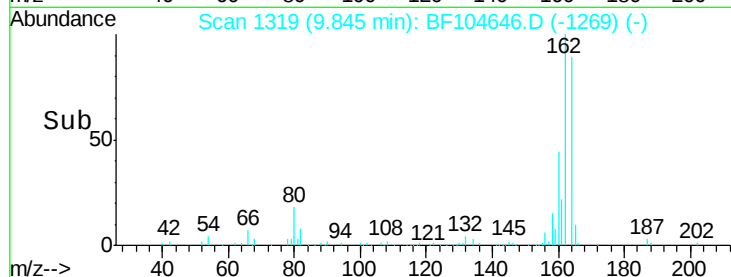
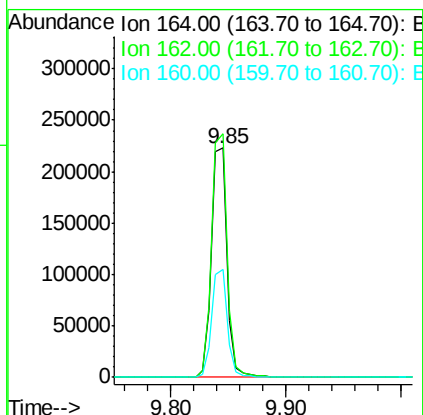
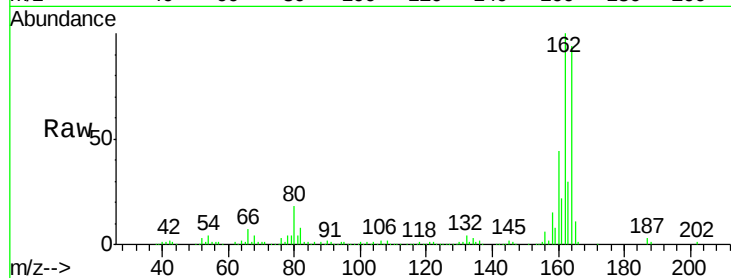




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

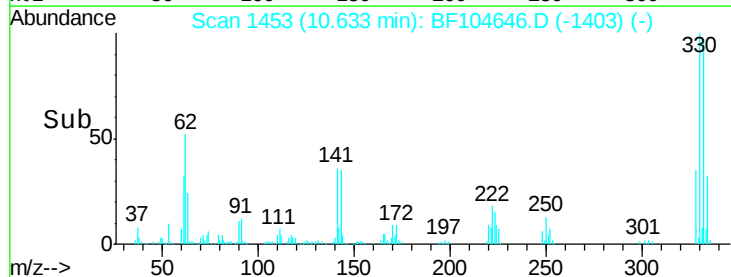
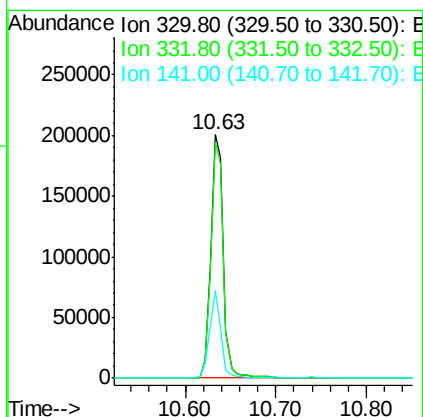
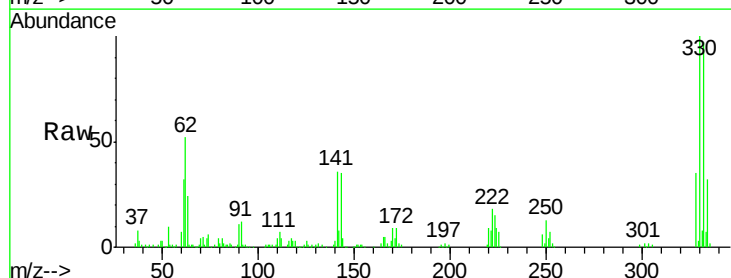
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS003-01

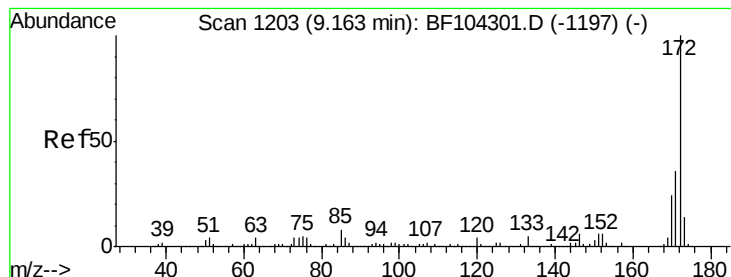
Tot Ion:164 Resp: 208899
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 90.036 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

Tgt Ion:330 Resp: 195106
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.1 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 62.959 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104646.D

Acq: 19 Apr 2018 23:23

Instrument :

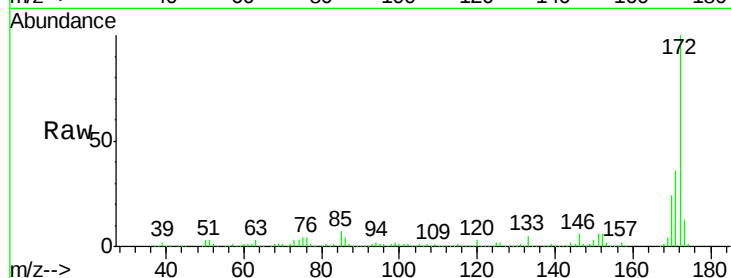
BNA_F

ClientSampleId :

EME-FW-TS003-01

Tot Ion:172 Resp: 832547

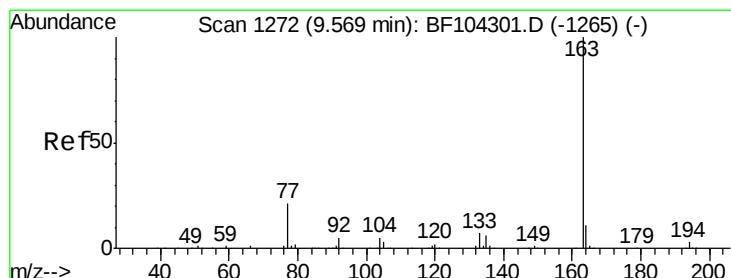
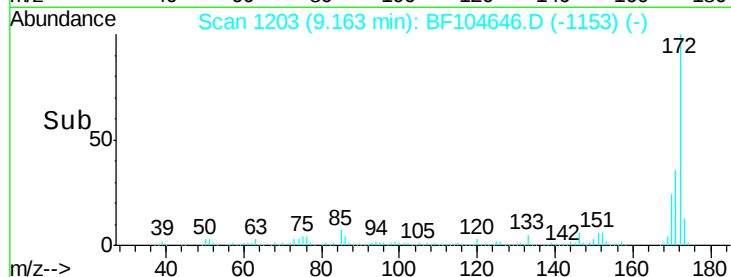
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4



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



#49

Dimethylphthalate

Concen: 10.560 ng

RT: 9.56 min Scan# 1270

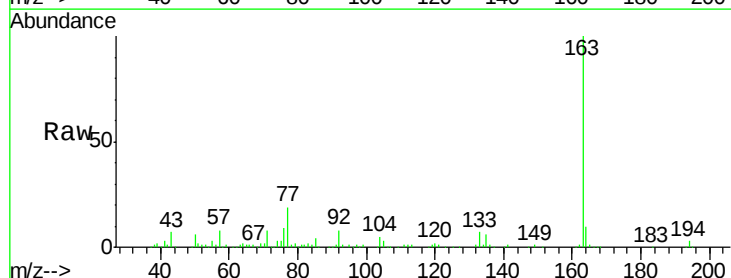
Delta R.T. -0.02 min

Lab File: BF104646.D

Acq: 19 Apr 2018 23:23

Tgt Ion:163 Resp: 173963

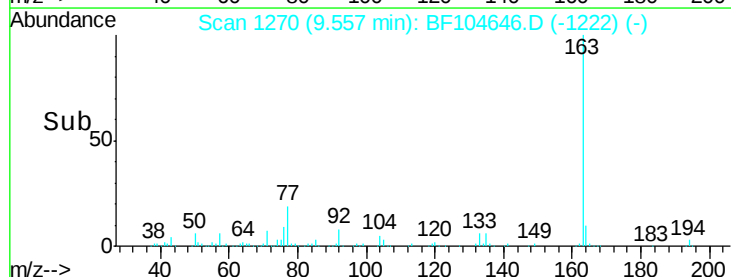
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

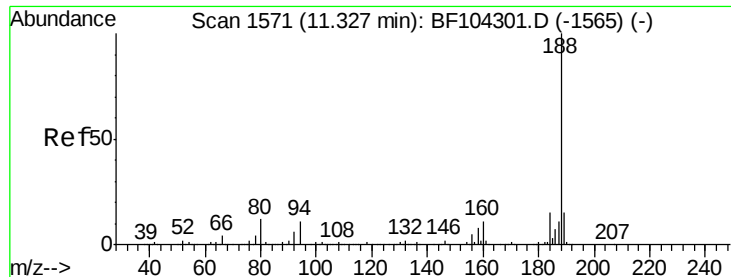


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

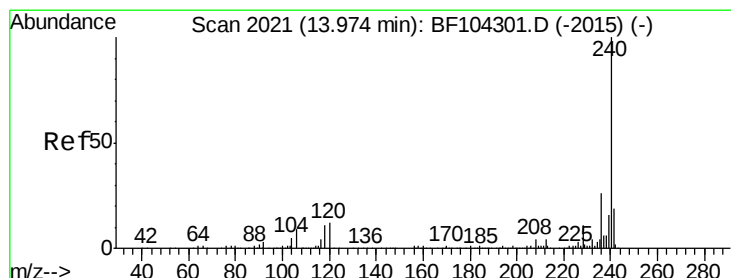
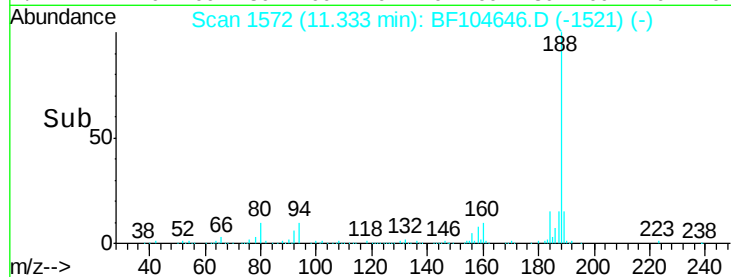
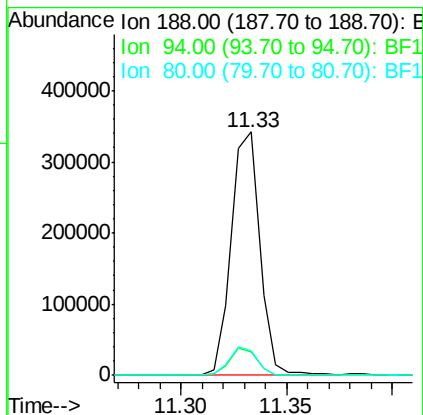
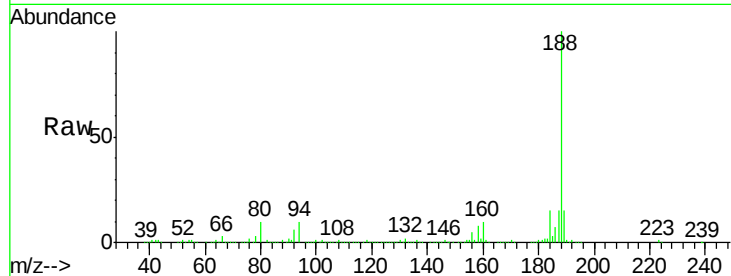




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

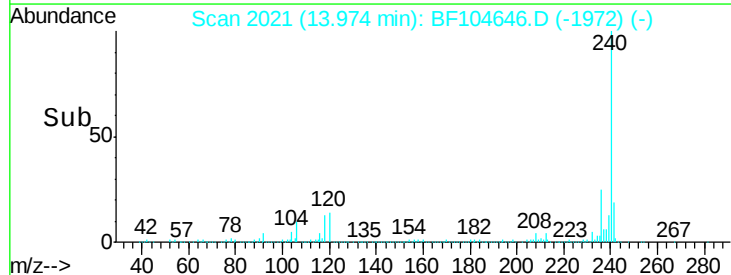
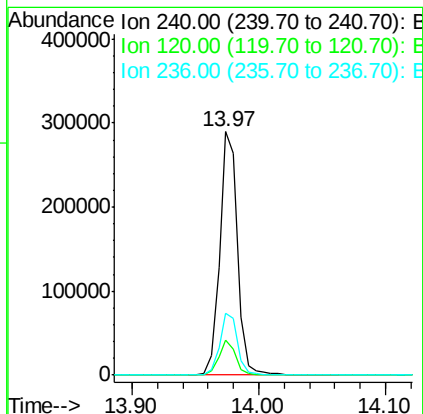
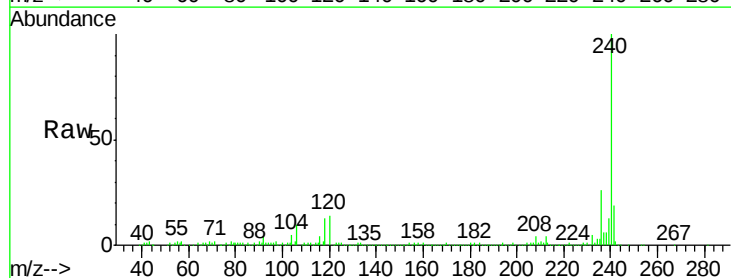
Instrument :
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Tot Ion:188 Resp: 320442
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104646.D
Acq: 19 Apr 2018 23:23

Tgt Ion:240 Resp: 284960
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.6 20.7 31.1

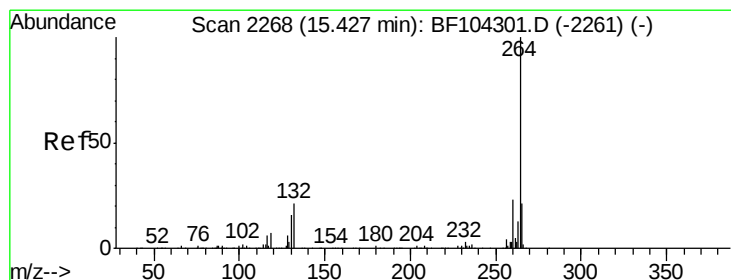
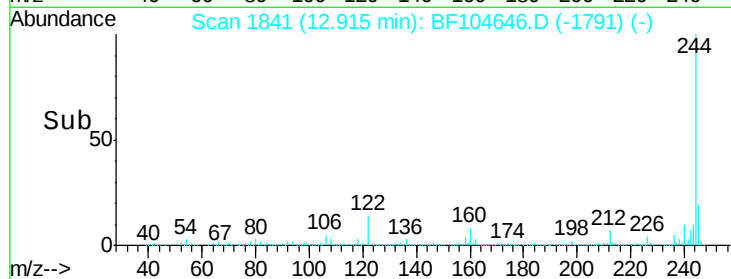
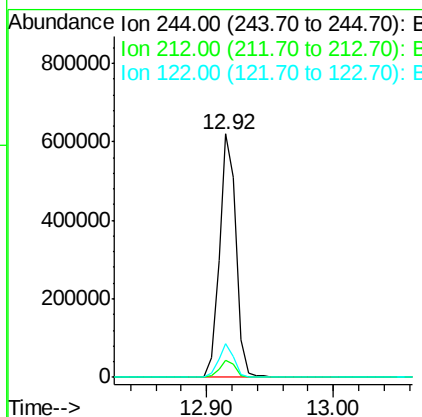
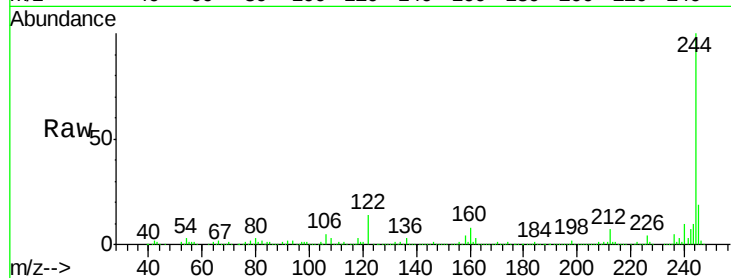




#78
 Terphenyl-d14
 Concen: 45.323 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104646.D
 Acq: 19 Apr 2018 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS003-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF104646.D
 Acq: 19 Apr 2018 23:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3

