

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112964.D
 Acq On : 11 Mar 2019 19:38
 Operator : JU/SJ
 Sample : K1692-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-A

Quant Time: Mar 12 05:24:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145409	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	547548	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	285521	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	674021	20.00	ng	0.00
76) Chrysene-d12	13.86	240	643701	20.00	ng	-0.01
87) Perylene-d12	15.27	264	557988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	944013	100.99	ng	0.00
7) Phenol-d6	6.36	99	1074323	91.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	854068	93.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	513940	169.55	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1660118	101.48	ng	-0.01
79) Terphenyl-d14	12.82	244	2283766	68.78	ng	0.00

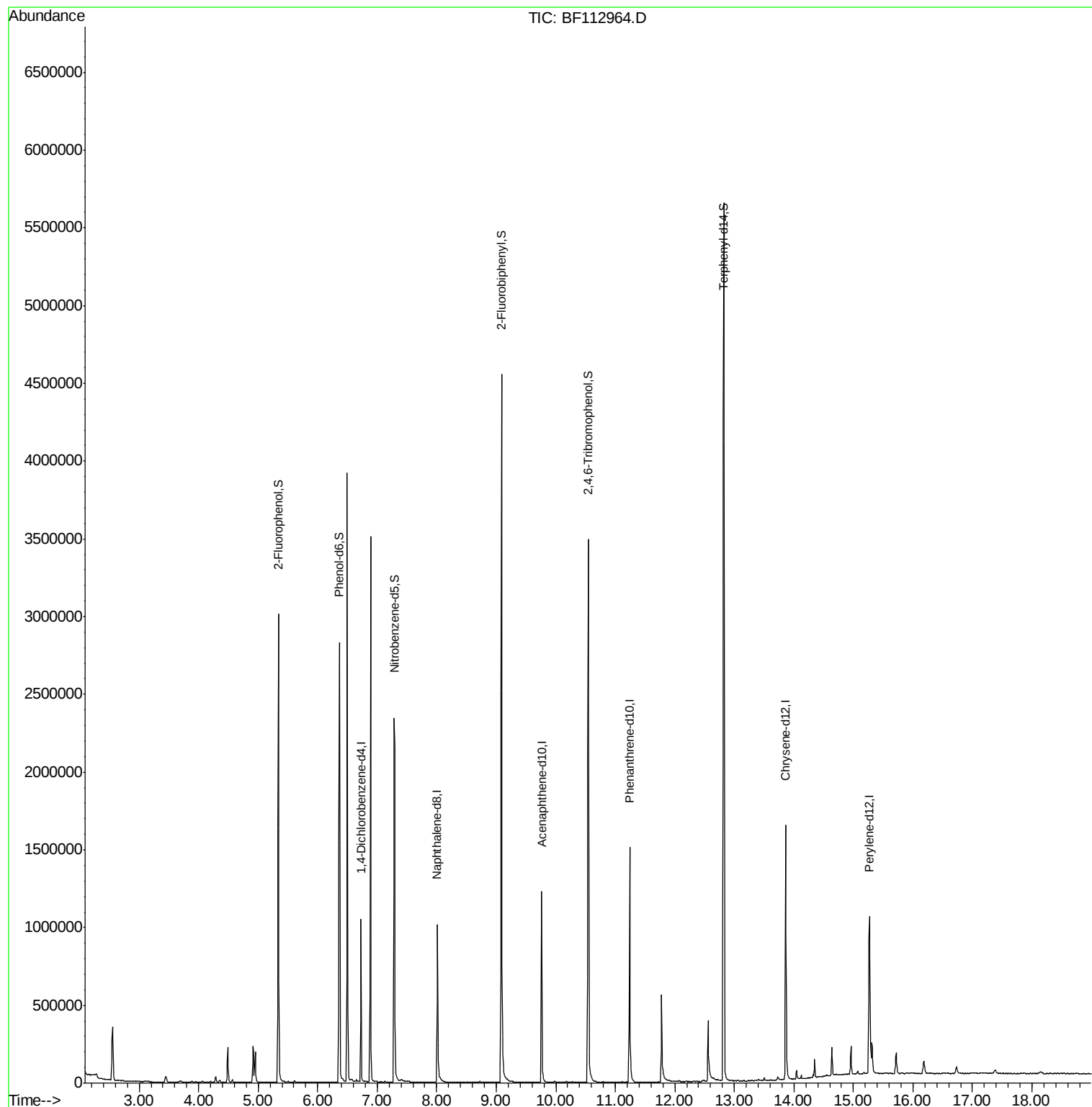
Target Compounds Qvalue

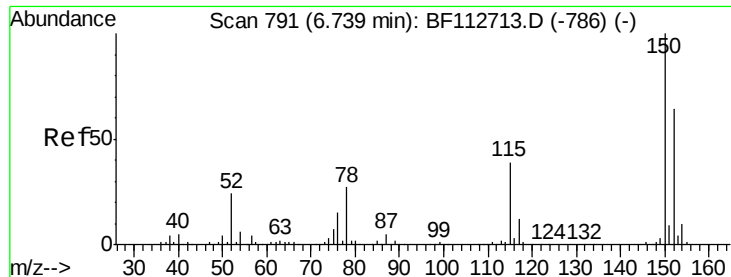
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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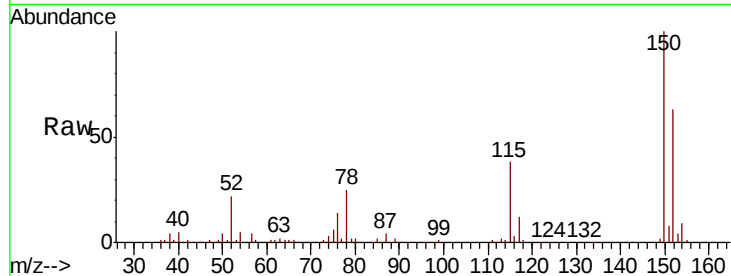


#1

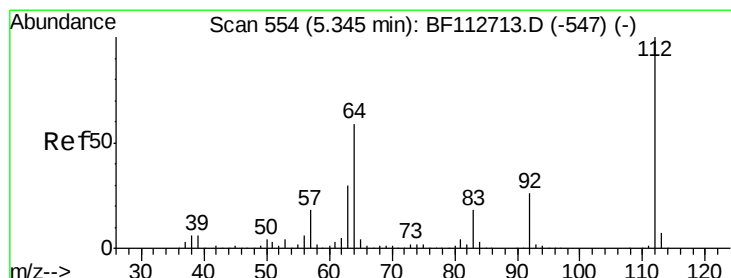
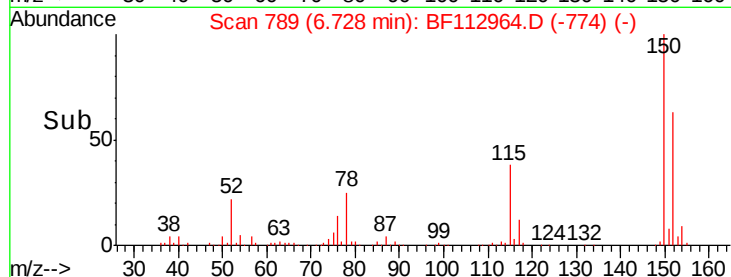
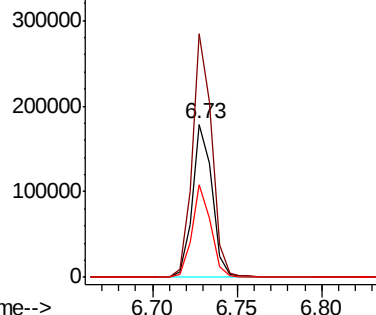
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-A

Tot Ion:152 Resp: 145409
Ion Ratio Lower Upper
152 100
150 158.8 124.2 186.2
115 60.5 48.2 72.4



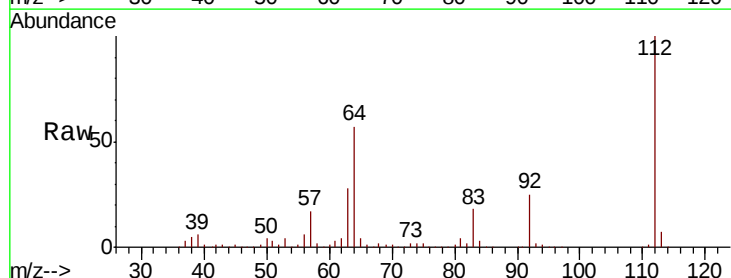
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



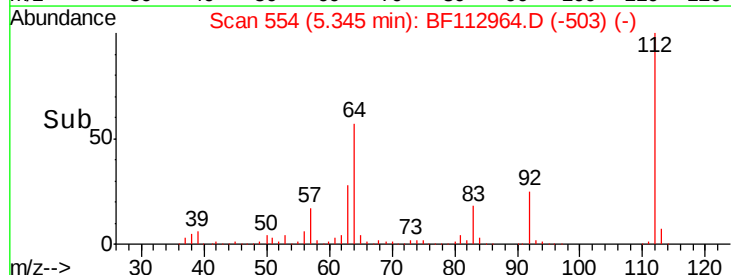
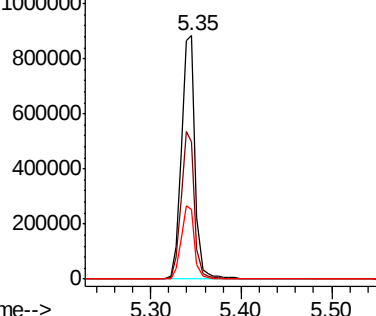
#5

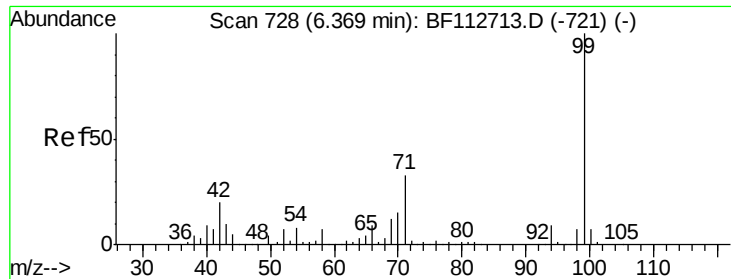
2-Fluorophenol
Concen: 100.988 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

Tgt Ion:112 Resp: 944013
Ion Ratio Lower Upper
112 100
64 56.7 47.6 71.4
63 28.4 24.4 36.6



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: 91.491 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-A

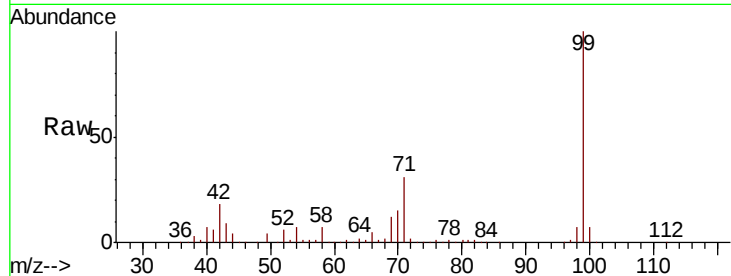
Tot Ion: 99 Resp: 1074323

Ion Ratio Lower Upper

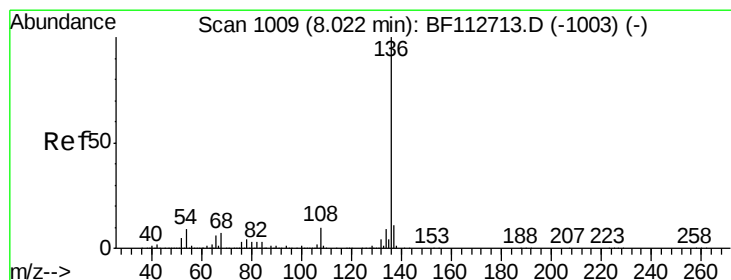
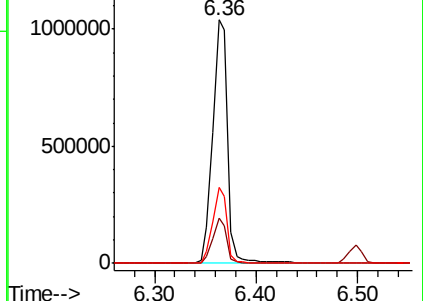
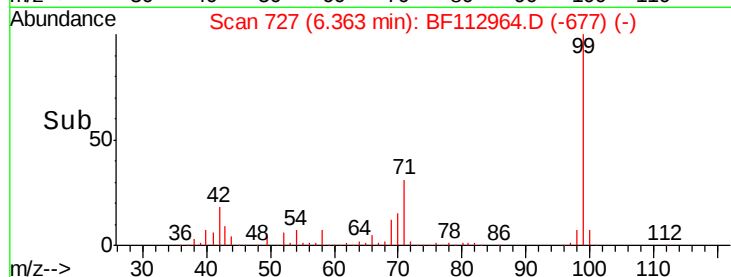
99 100

42 18.4 16.3 24.5

71 31.4 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Tgt Ion: 136 Resp: 547548

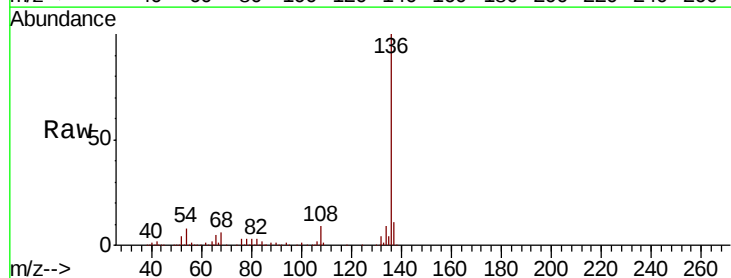
Ion Ratio Lower Upper

136 100

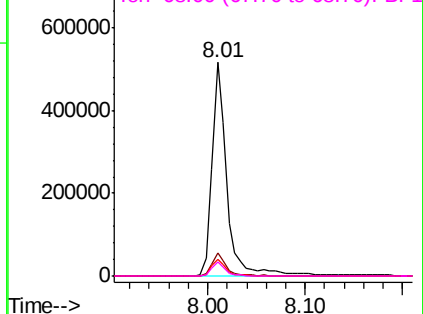
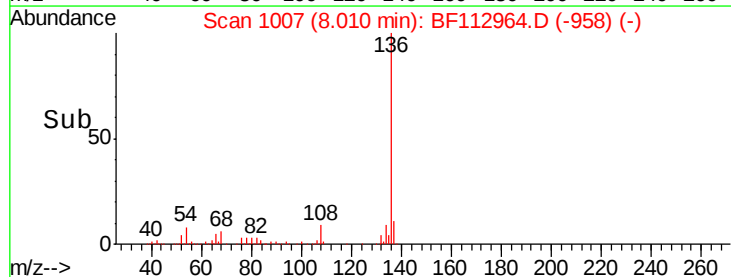
137 11.1 8.9 13.3

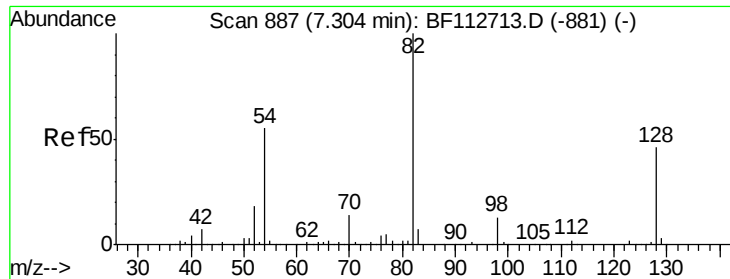
54 7.7 7.3 10.9

68 6.5 5.4 8.2



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

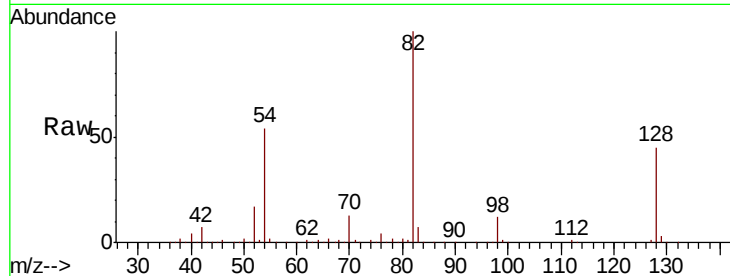




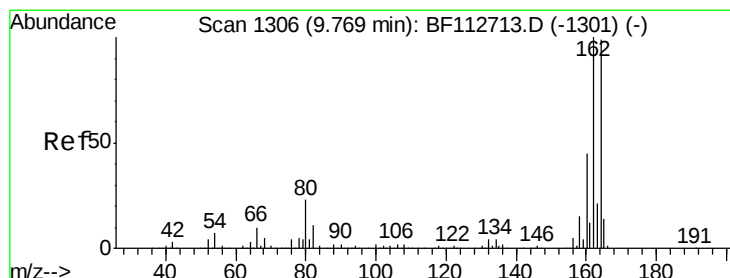
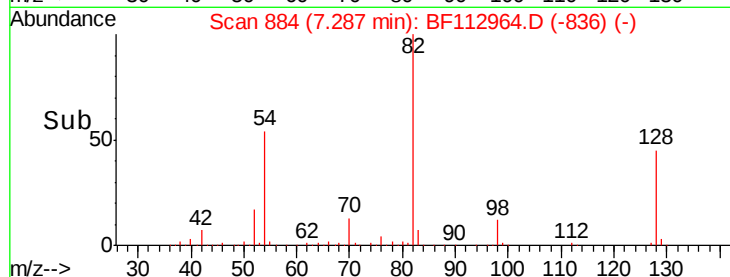
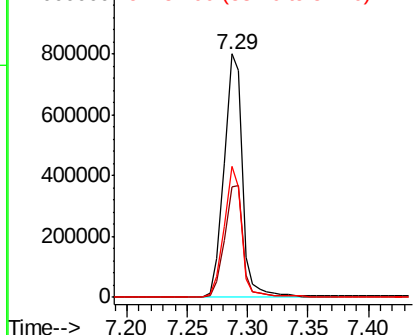
#23
 Nitrobenzene-d5
 Concen: 93.336 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112964.D
 Acq: 11 Mar 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-A

Tot Ion: 82 Resp: 854068
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.3 54.5
 54 53.8 43.7 65.5

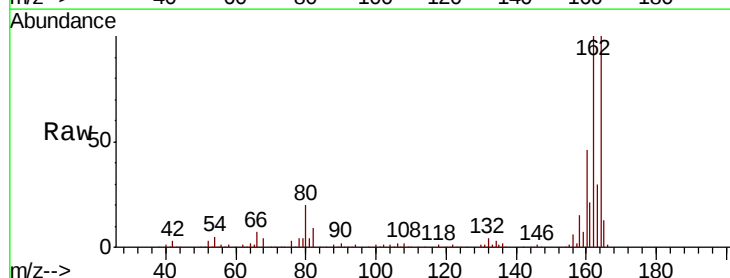


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

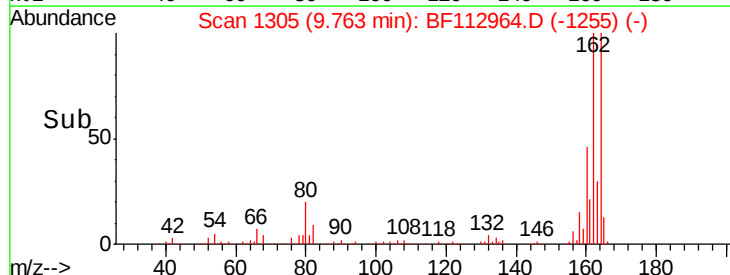
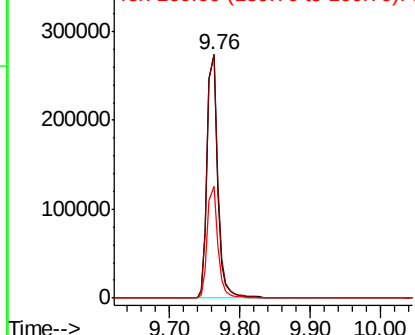


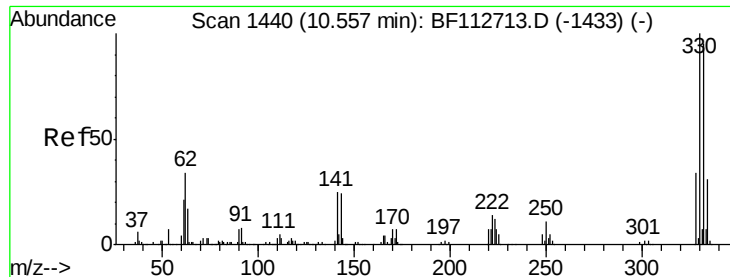
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112964.D
 Acq: 11 Mar 2019 19:38

Tgt Ion: 164 Resp: 285521
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.6 120.8
 160 46.0 36.0 54.0



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: 169.552 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-A

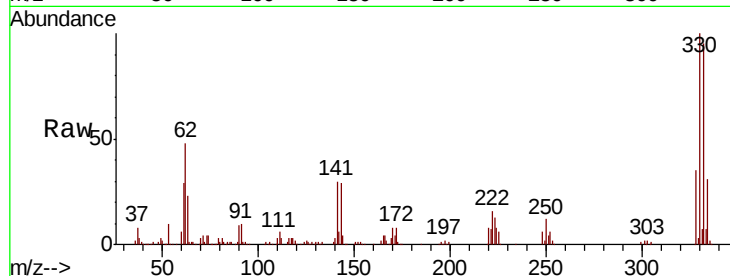
Tot Ion:330 Resp: 513940

Ion Ratio Lower Upper

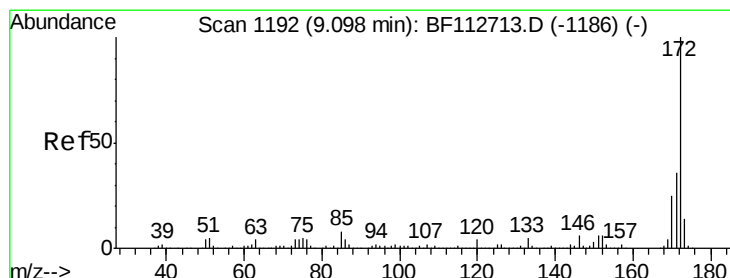
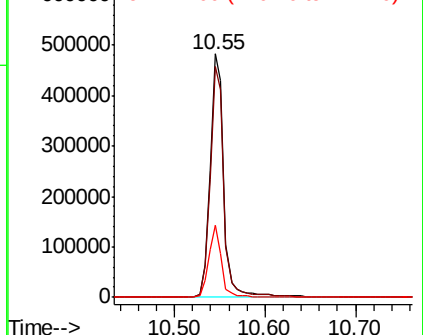
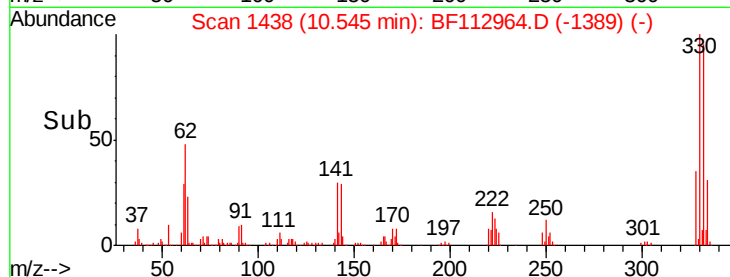
330 100

332 95.6 76.2 114.4

141 27.8 27.0 40.6



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: 101.485 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

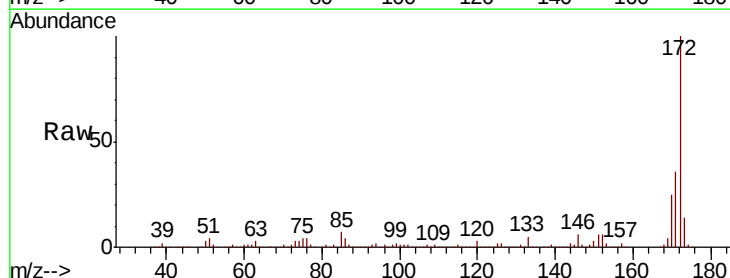
Tgt Ion:172 Resp: 1660118

Ion Ratio Lower Upper

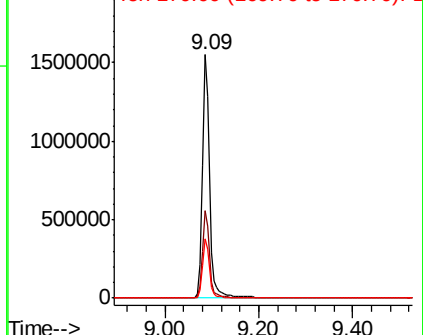
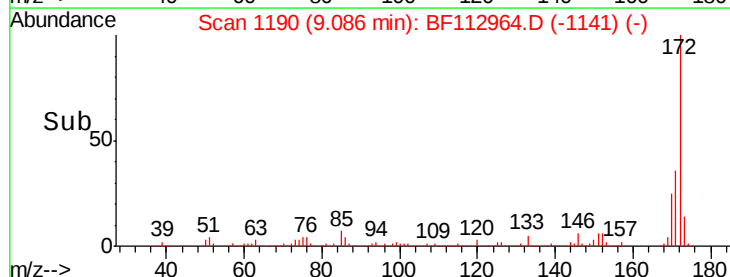
172 100

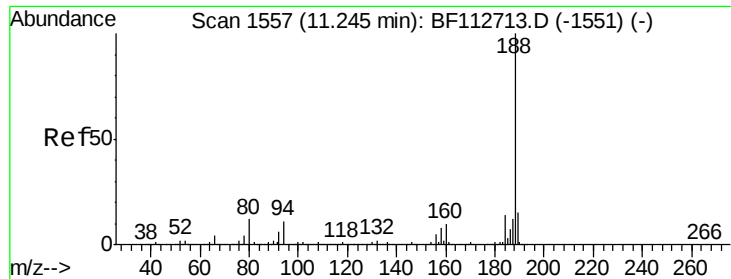
171 35.8 29.0 43.4

170 24.6 20.0 30.0



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

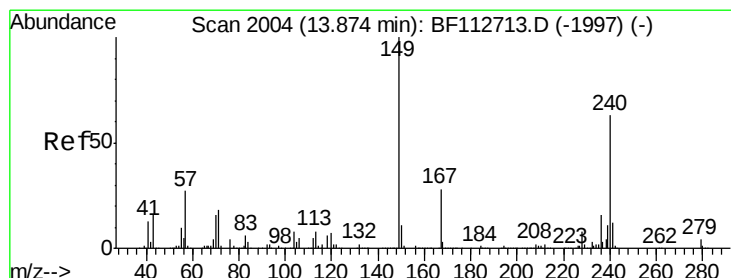
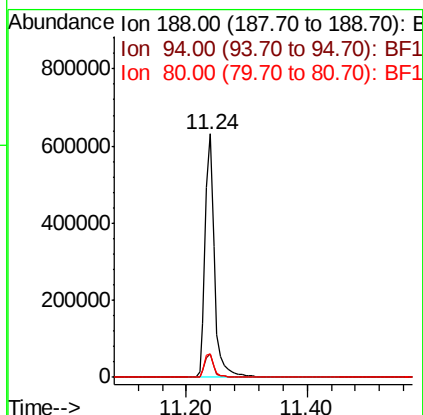
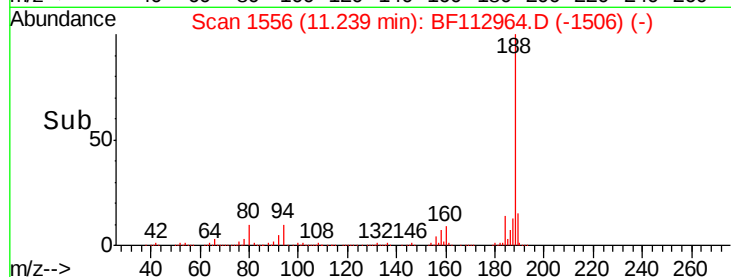
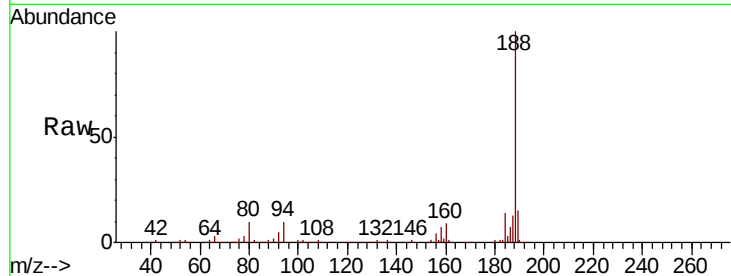




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

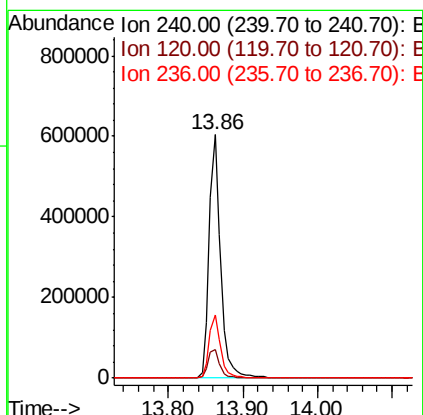
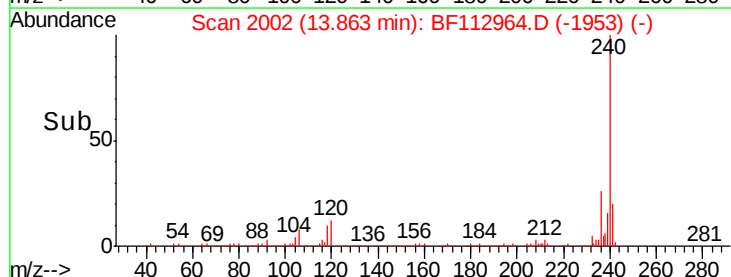
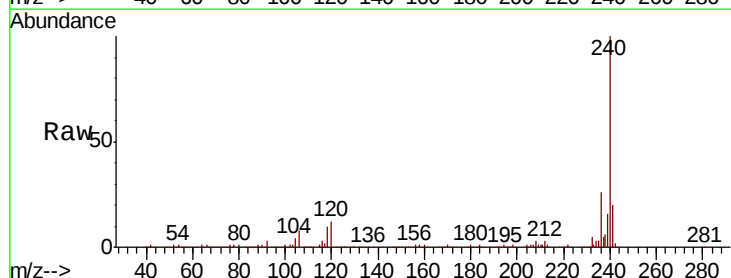
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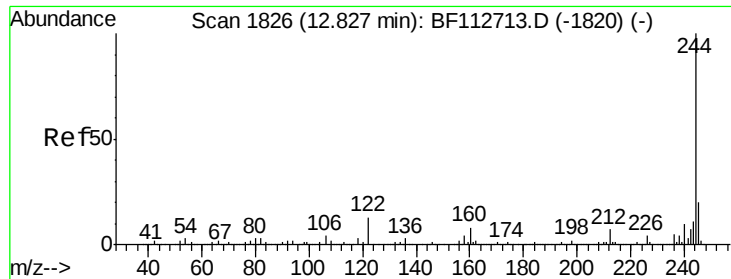
Tot Ion:188 Resp: 674021
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

Tgt Ion:240 Resp: 643701
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 68.775 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-A

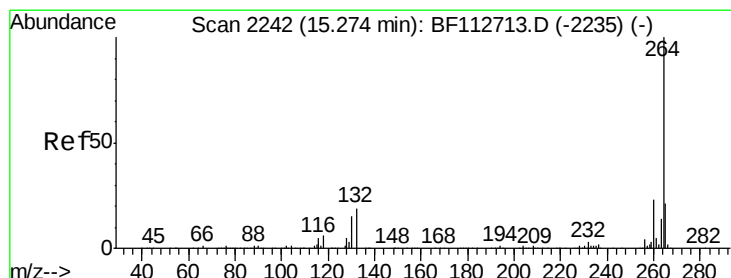
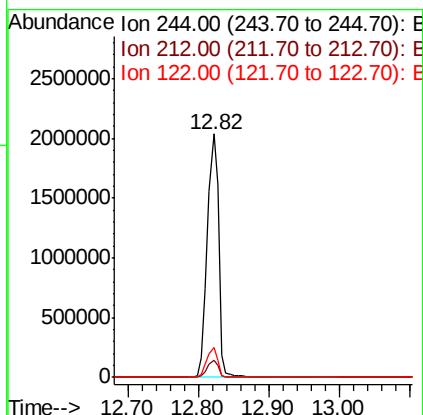
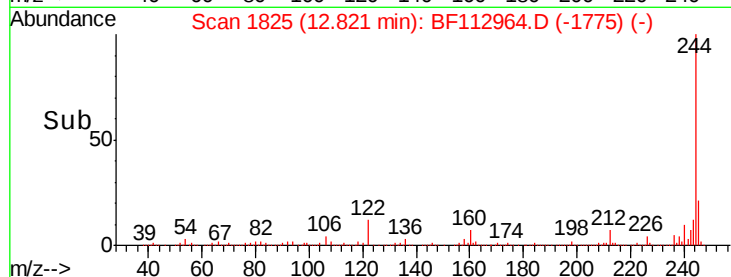
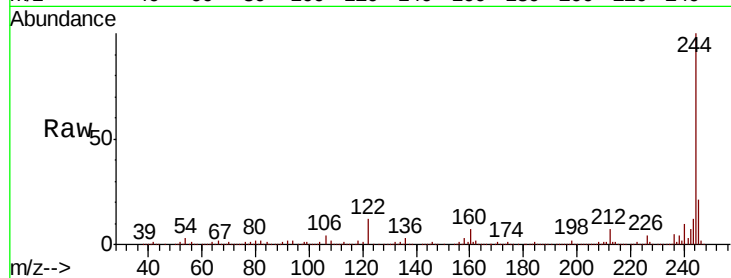
Tot Ion:244 Resp: 2283766

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 12.0 10.5 15.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Tgt Ion:264 Resp: 557988

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 17.2 25.8

