

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112499.D
 Acq On : 11 Feb 2019 23:35
 Operator : JU/SJ
 Sample : K1442-06 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Quant Time: Feb 12 01:39:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132898	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	530146	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	224987	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	349886	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	285380	20.00	ng	0.00
87) Perylene-d12	15.47	264	244386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	57940	9.26	ng	0.00
7) Phenol-d6	6.49	99	80394	9.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	45193	4.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	11197	4.28	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	97062	6.10	ng	-0.02
79) Terphenyl-d14	12.93	244	64267	4.24	ng	-0.02

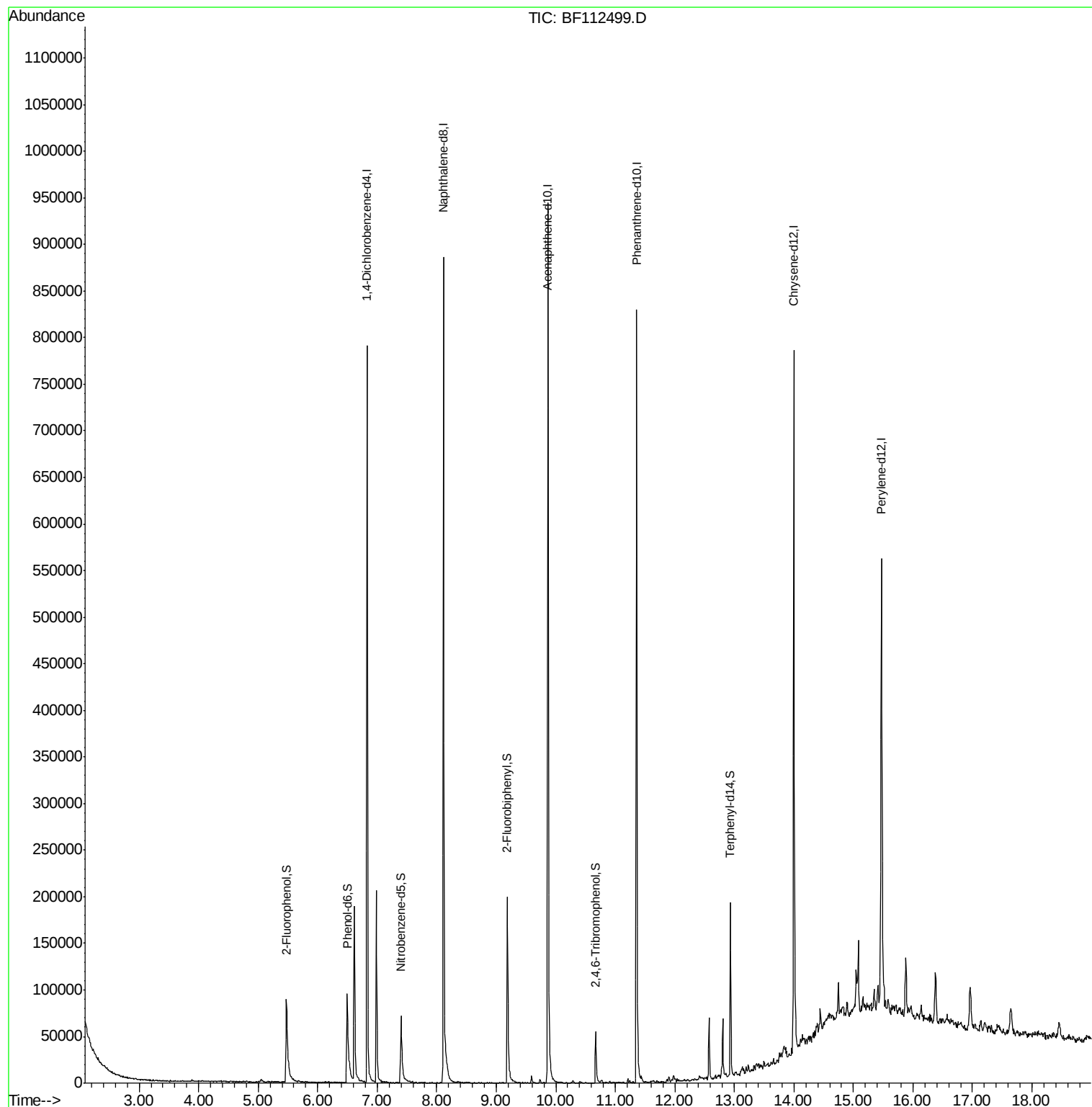
Target Compounds Qvalue

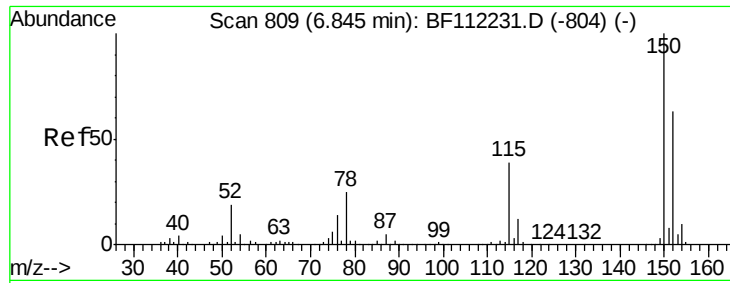
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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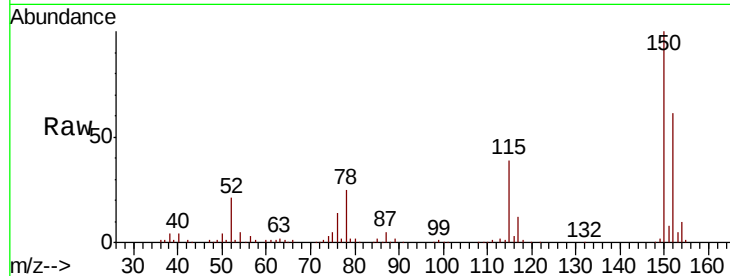


#1

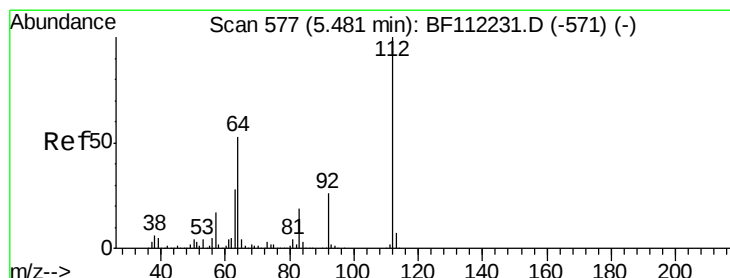
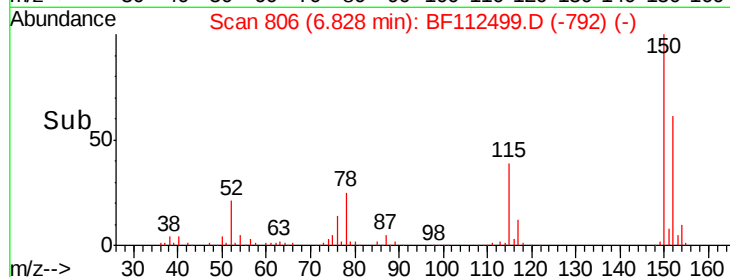
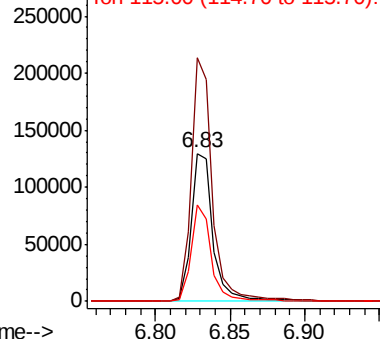
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Tot Ion:152 Resp: 132898
 Ion Ratio Lower Upper
 152 100
 150 164.2 127.4 191.0
 115 64.7 45.5 68.3



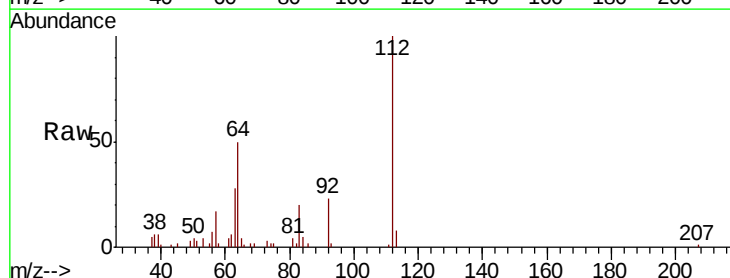
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



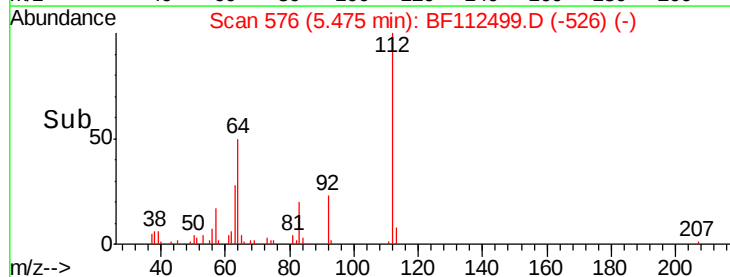
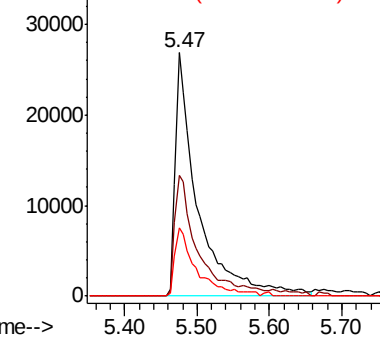
#5

2-Fluorophenol
 Concen: 9.260 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Tgt Ion:112 Resp: 57940
 Ion Ratio Lower Upper
 112 100
 64 49.6 45.7 68.5
 63 28.2 23.6 35.4



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: 9.247 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-12

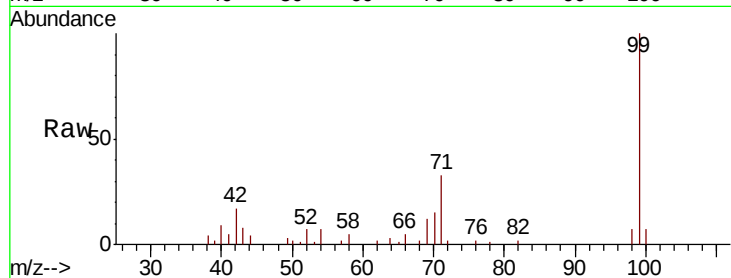
Tot Ion: 99 Resp: 80394

Ion Ratio Lower Upper

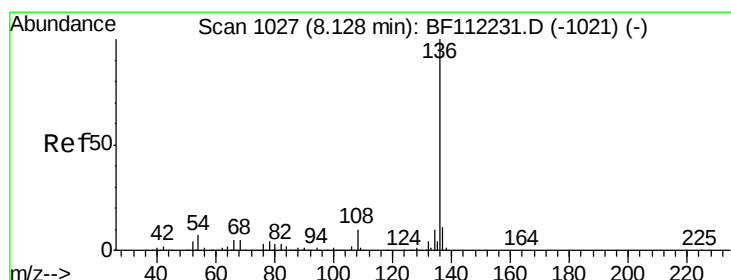
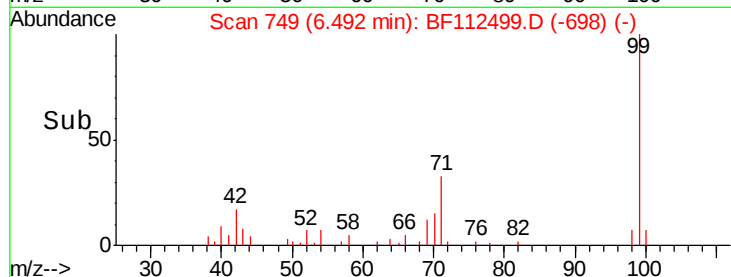
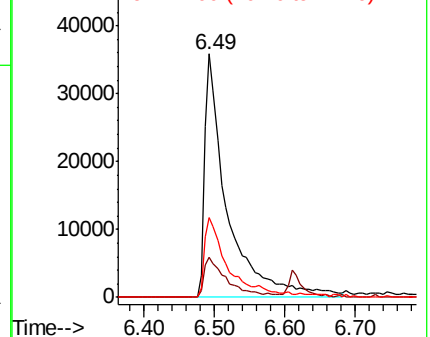
99 100

42 16.5 15.1 22.7

71 32.7 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

Tgt Ion: 136 Resp: 530146

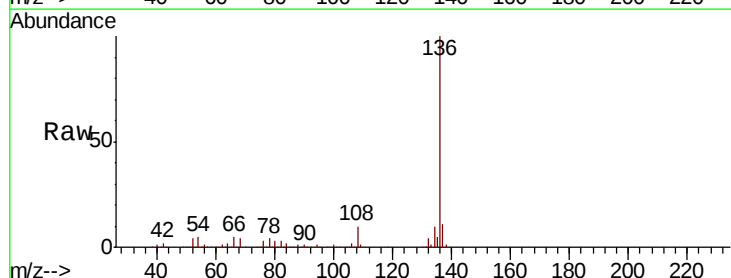
Ion Ratio Lower Upper

136 100

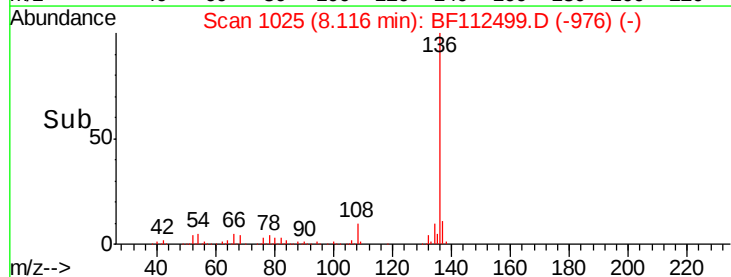
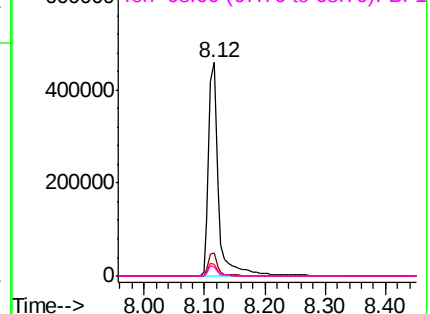
137 10.6 9.1 13.7

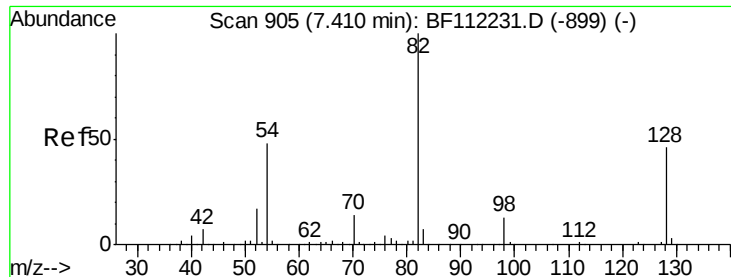
54 5.3 5.9 8.9#

68 4.2 5.1 7.7#



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

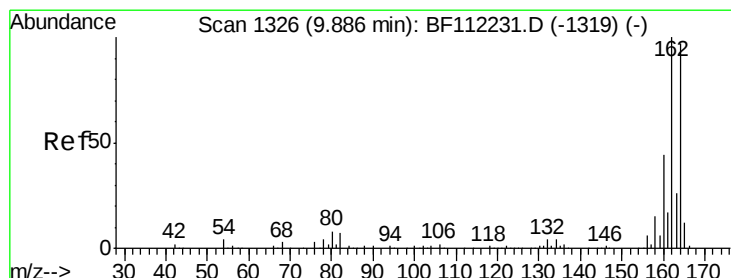
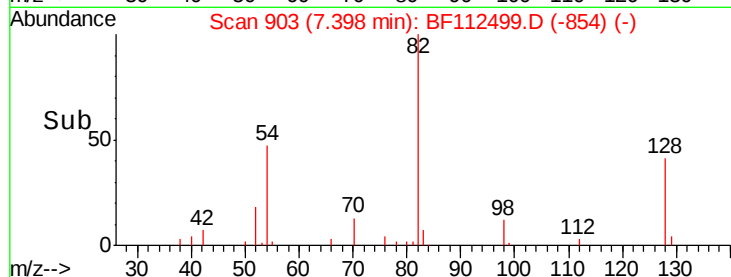
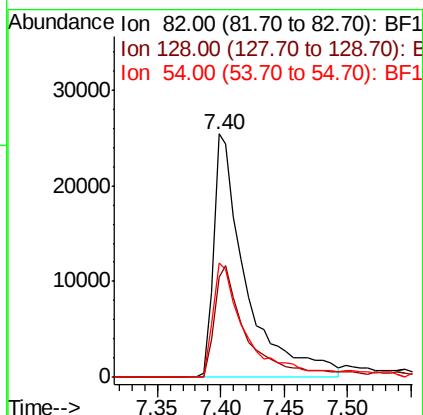
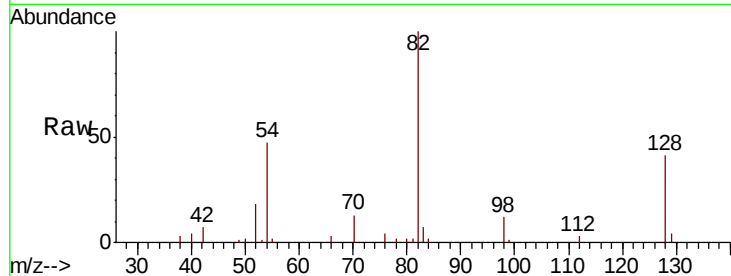




#23
 Nitrobenzene-d5
 Concen: 4.912 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

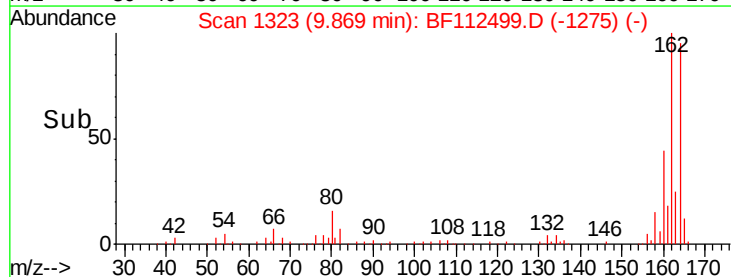
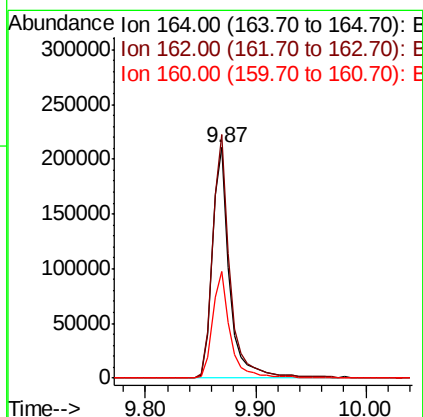
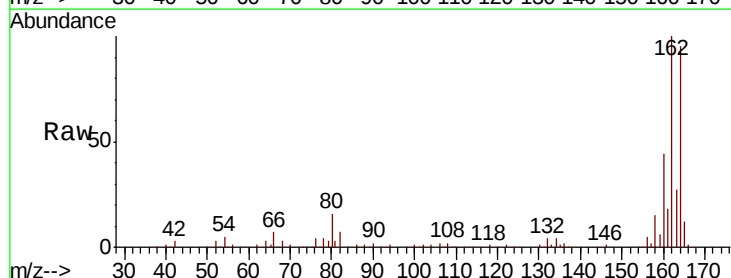
Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Tot Ion: 82 Resp: 45193
 Ion Ratio Lower Upper
 82 100
 128 41.0 37.8 56.8
 54 46.8 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Tgt Ion: 164 Resp: 224987
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.2 123.4
 160 46.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 4.276 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

Instrument :

BNA_F

ClientSampled :

COMP-12

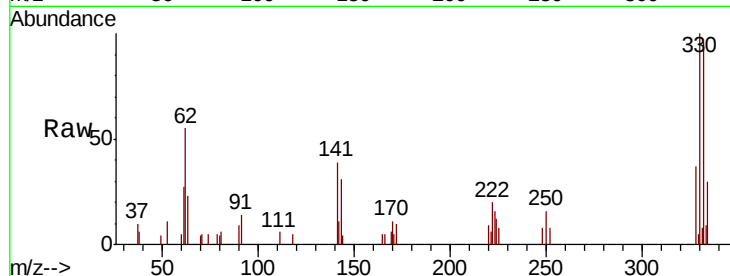
Tot Ion:330 Resp: 11197

Ion Ratio Lower Upper

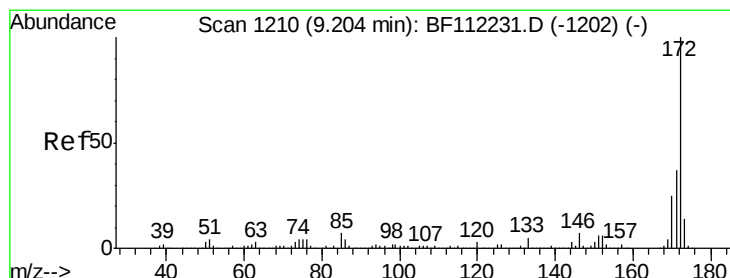
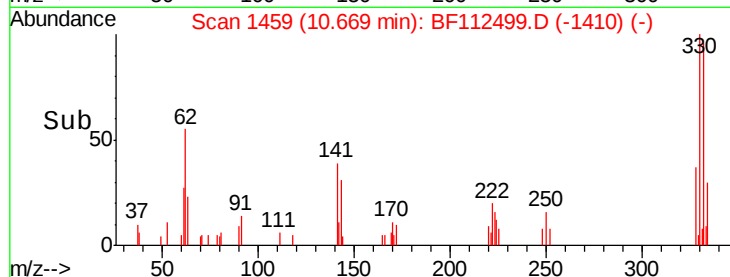
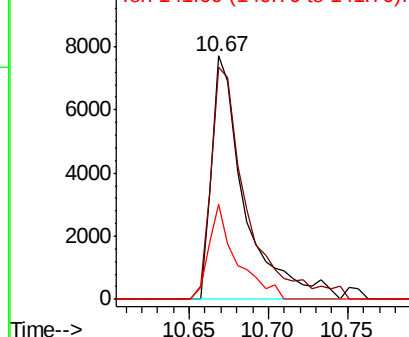
330 100

332 103.1 76.6 114.8

141 33.0 24.3 36.5



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: 6.102 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

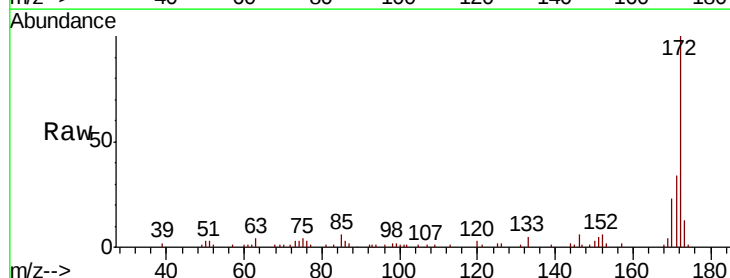
Tgt Ion:172 Resp: 97062

Ion Ratio Lower Upper

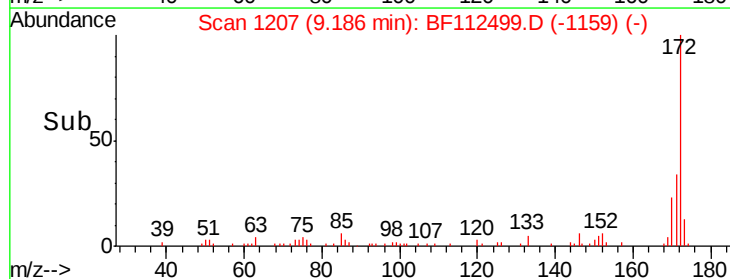
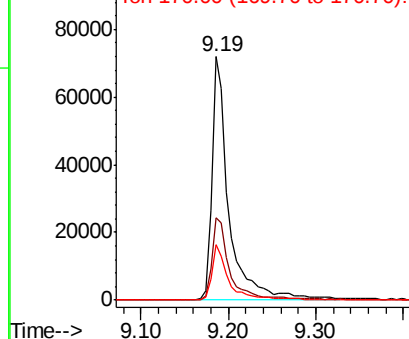
172 100

171 33.6 30.5 45.7

170 23.0 20.2 30.4



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

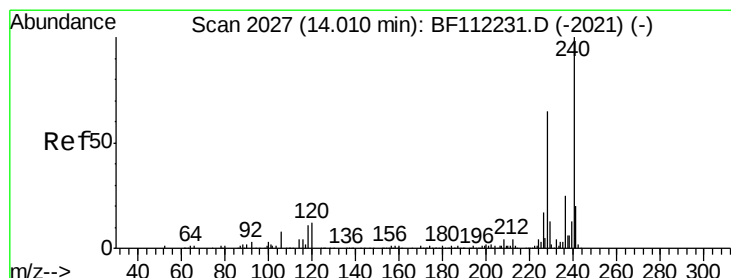
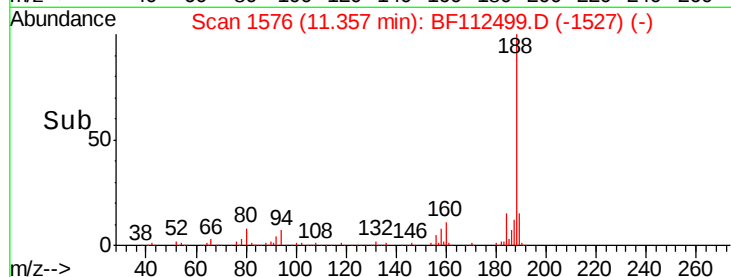
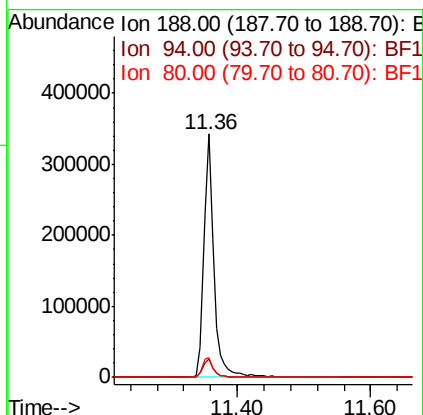
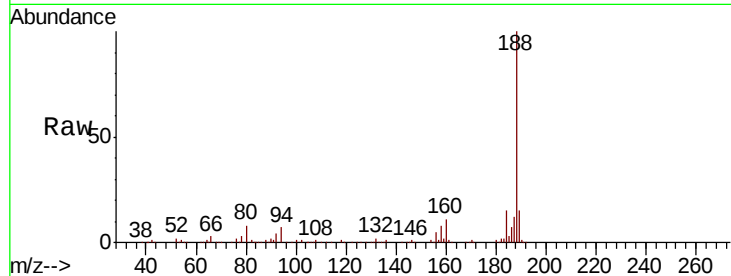




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112499.D
Acq: 11 Feb 2019 23:35

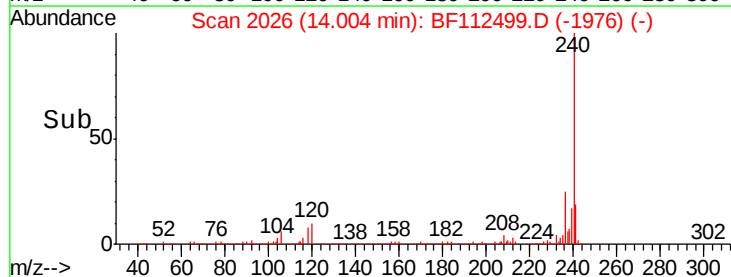
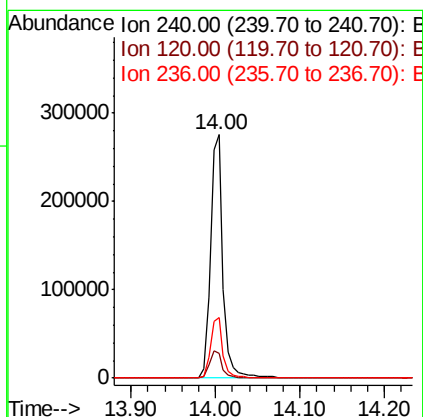
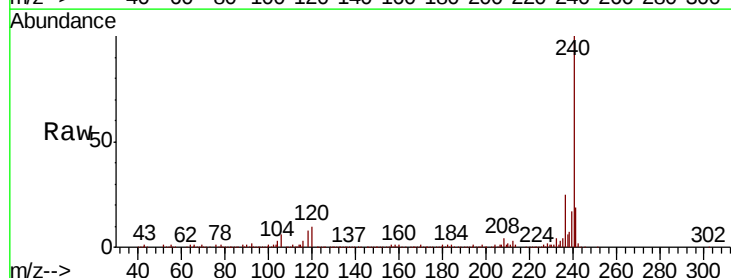
Instrument :
BNA_F
ClientSampleId :
COMP-12

Tot Ion:188 Resp: 349886
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 8.3 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112499.D
Acq: 11 Feb 2019 23:35

Tgt Ion:240 Resp: 285380
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 24.7 20.7 31.1

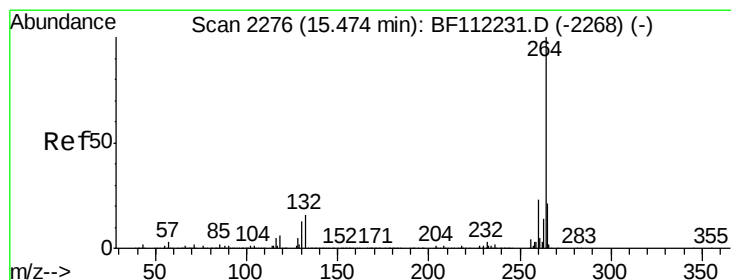
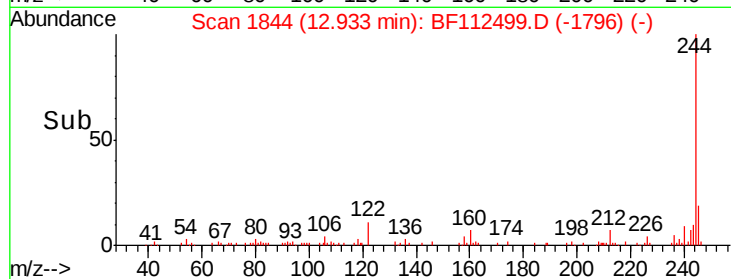
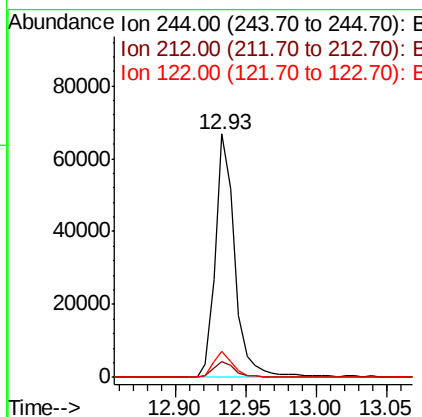
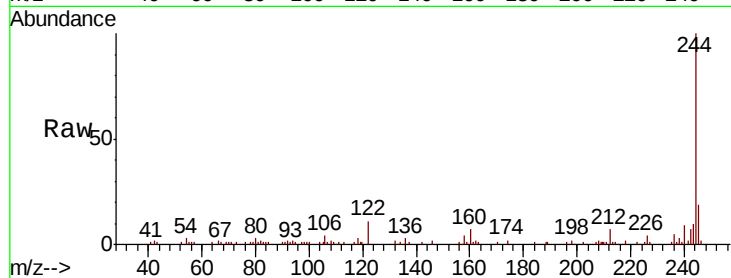




#79
 Terphenyl-d14
 Concen: 4.241 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Instrument :
 BNA_F
 ClientSampled :
 COMP-12

Tot Ion:244 Resp: 64267
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Tgt Ion:264 Resp: 244386
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.2 17.0 25.4

