

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112497.D
 Acq On : 11 Feb 2019 22:41
 Operator : JU/SJ
 Sample : K1442-04 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-10

Quant Time: Feb 12 01:35:42 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	133199	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	522263	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	228206	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	362508	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	288688	20.00	ng	-0.01
87) Perylene-d12	15.47	264	275945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	46081	7.35	ng	0.00
7) Phenol-d6	6.49	99	62184	7.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	40828	4.50	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	10497	3.95	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	91581	5.68	ng	-0.02
79) Terphenyl-d14	12.93	244	68577	4.47	ng	-0.02

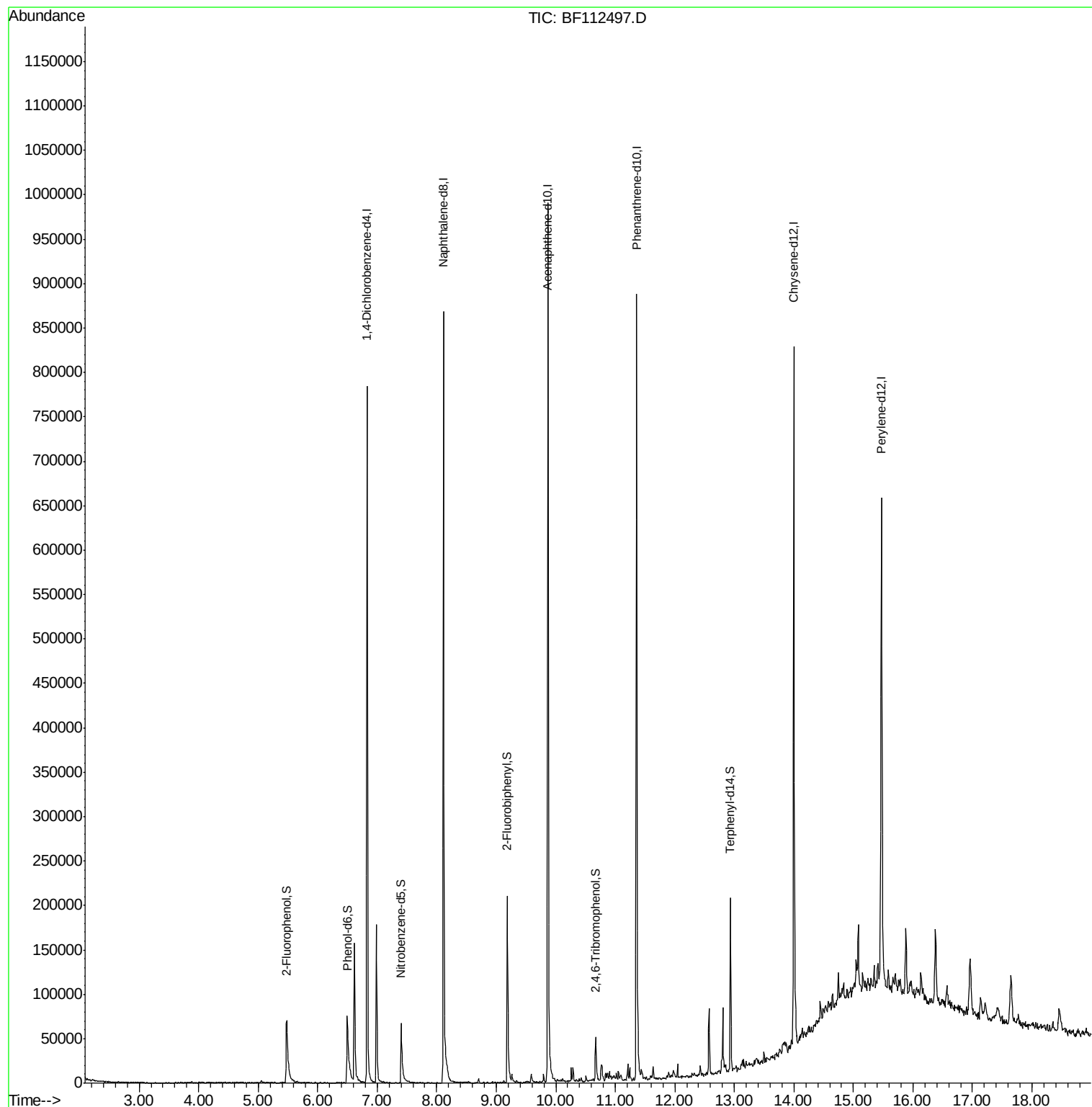
Target Compounds	Qvalue
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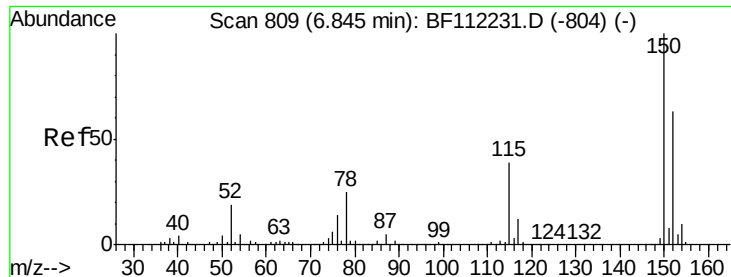
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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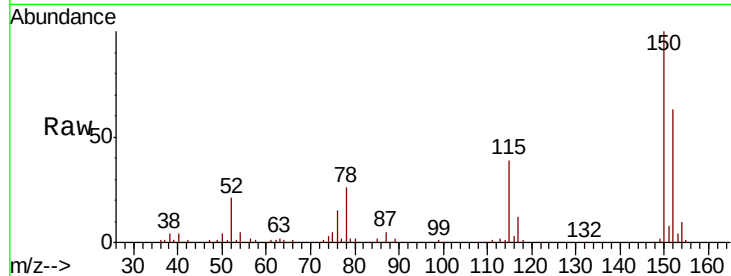


#1

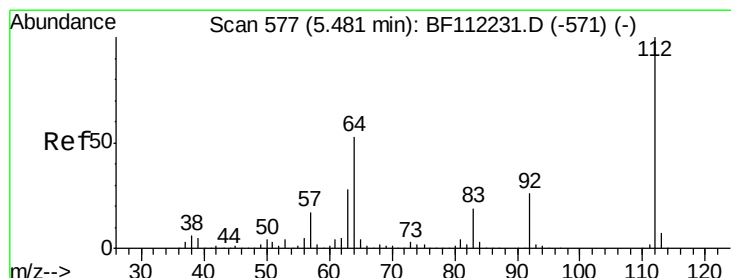
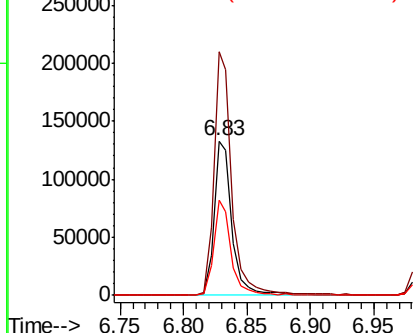
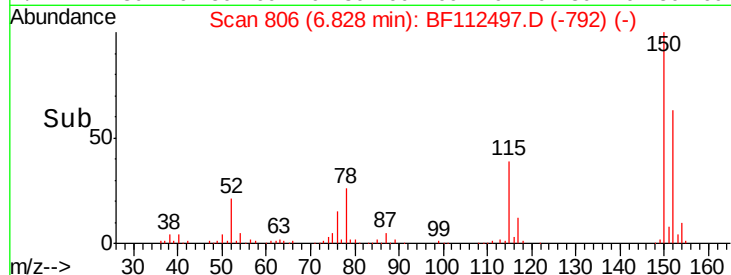
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Instrument :
BNA_F
ClientSampleId :
COMP-10

Tot Ion:152 Resp: 133199
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 61.7 45.5 68.3



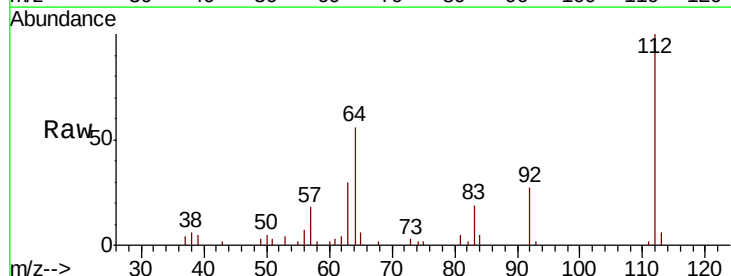
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



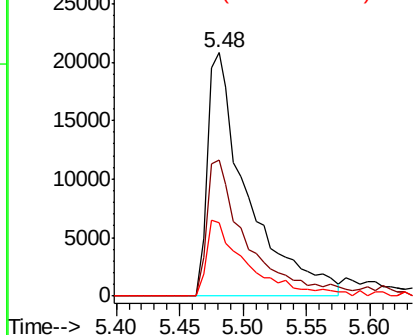
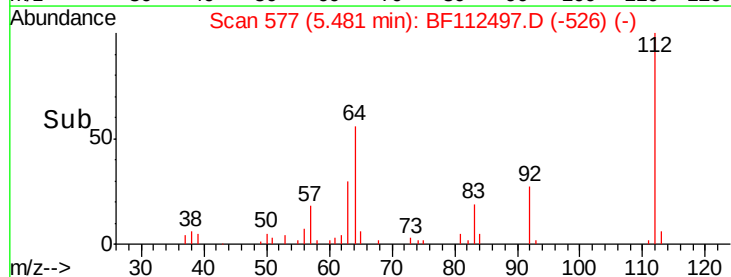
#5

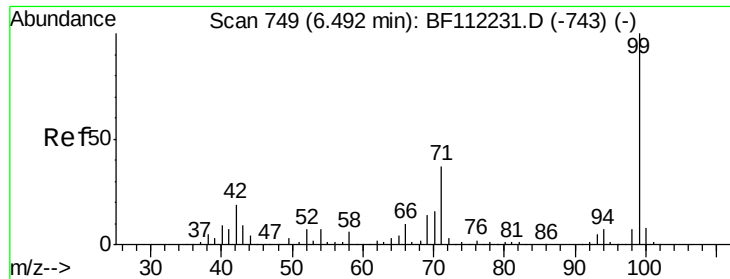
2-Fluorophenol
Concen: 7.348 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Tgt Ion:112 Resp: 46081
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 30.0 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: 7.136 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112497.D

Acq: 11 Feb 2019 22:41

Instrument :

BNA_F

ClientSampleId :

COMP-10

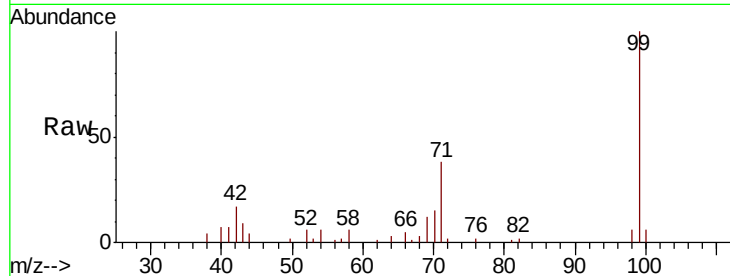
Tot Ion: 99 Resp: 62184

Ion Ratio Lower Upper

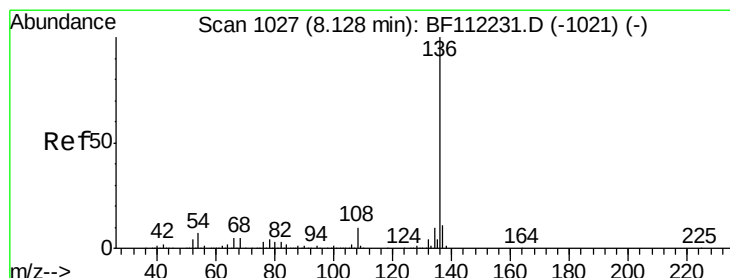
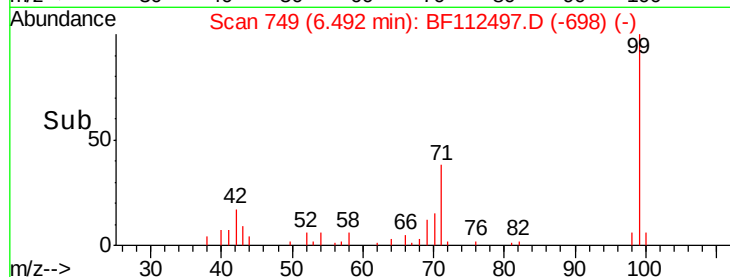
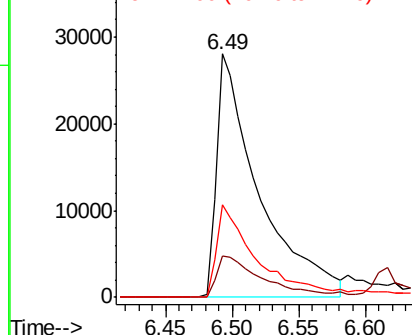
99 100

42 16.9 15.1 22.7

71 38.2 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: BF112497.D

Acq: 11 Feb 2019 22:41

Tgt Ion: 136 Resp: 522263

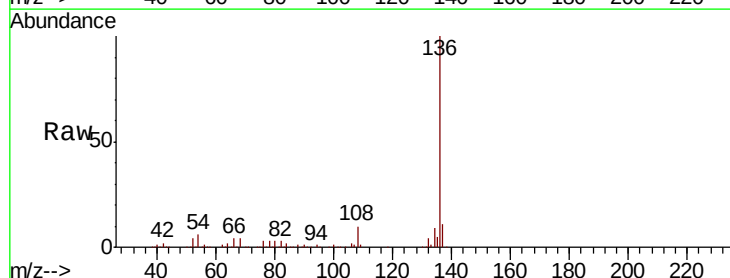
Ion Ratio Lower Upper

136 100

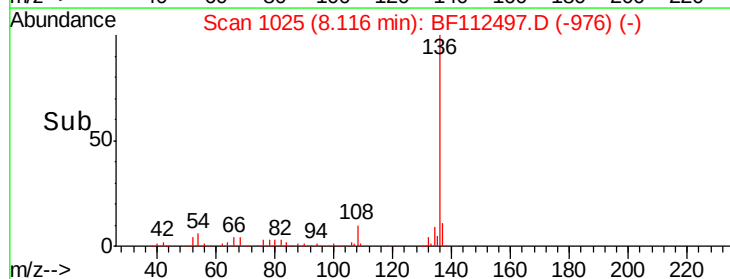
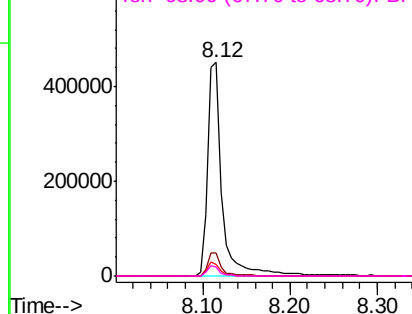
137 10.9 9.1 13.7

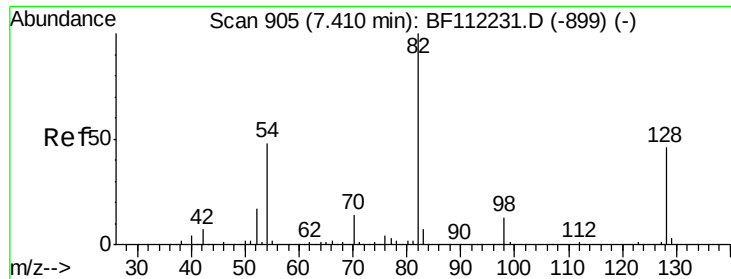
54 5.7 5.9 8.9#

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

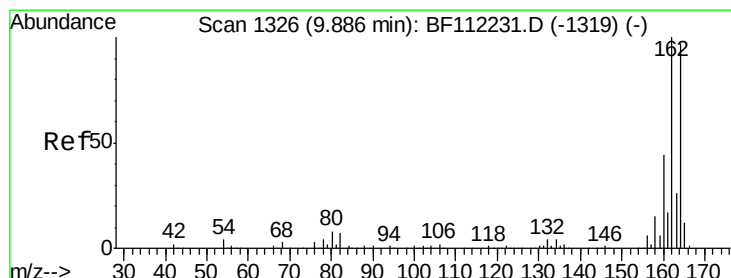
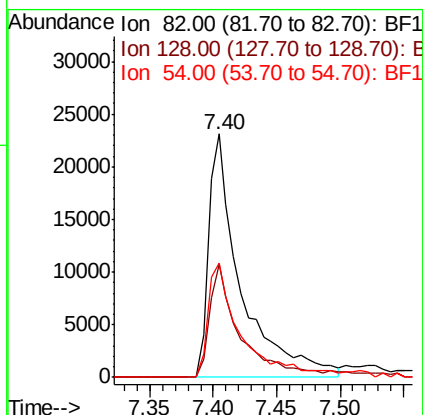
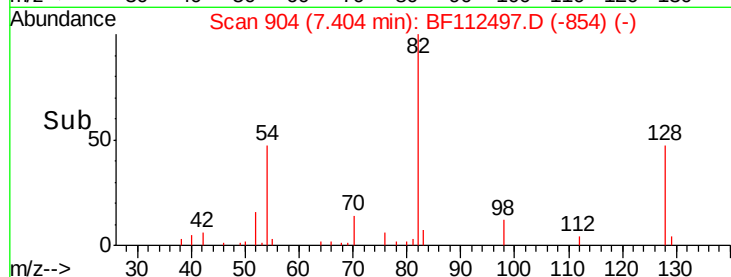
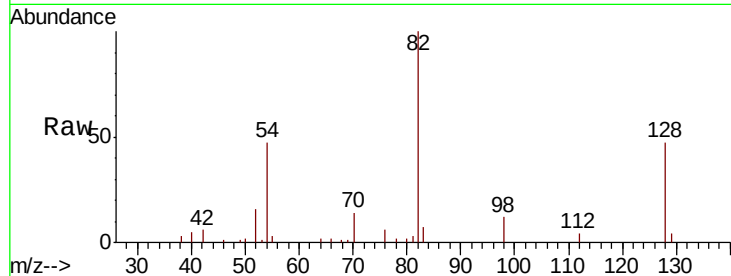




#23
 Nitrobenzene-d5
 Concen: 4.504 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112497.D
 Acq: 11 Feb 2019 22:41

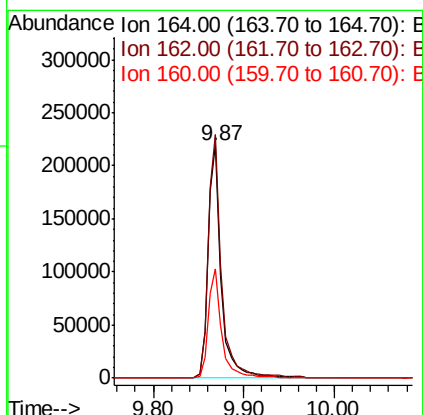
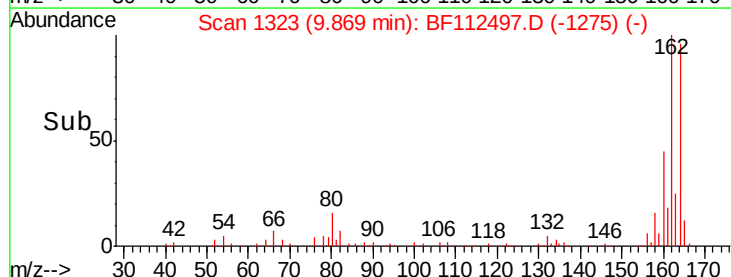
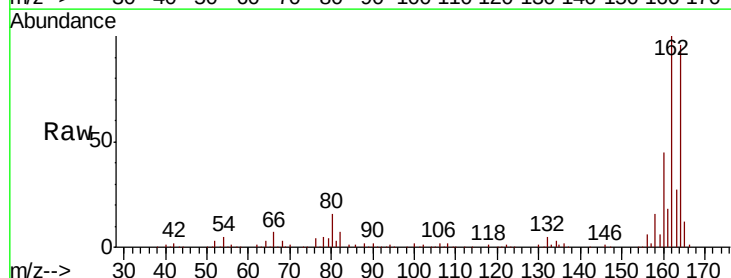
Instrument :
 BNA_F
 ClientSampleId :
 COMP-10

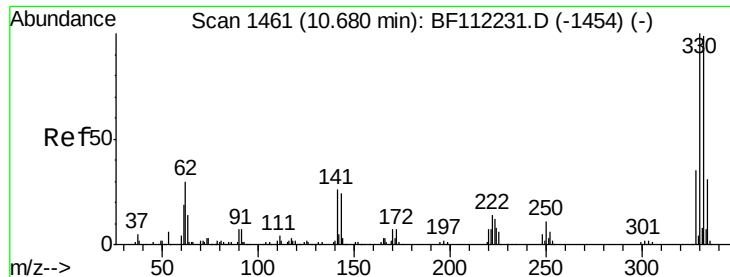
Tot Ion: 82 Resp: 40828
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.8 56.8
 54 47.2 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112497.D
 Acq: 11 Feb 2019 22:41

Tgt Ion:164 Resp: 228206
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.2 123.4
 160 46.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 3.952 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112497.D

Acq: 11 Feb 2019 22:41

Instrument :

BNA_F

ClientSampleId :

COMP-10

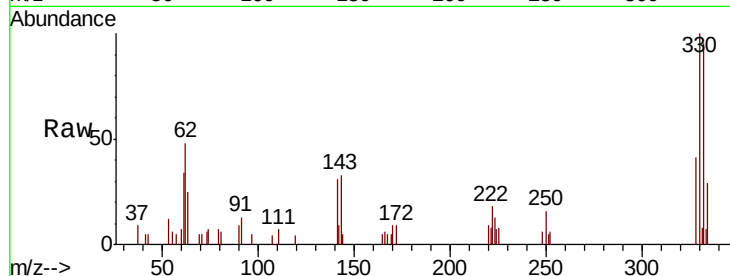
Tot Ion:330 Resp: 10497

Ion Ratio Lower Upper

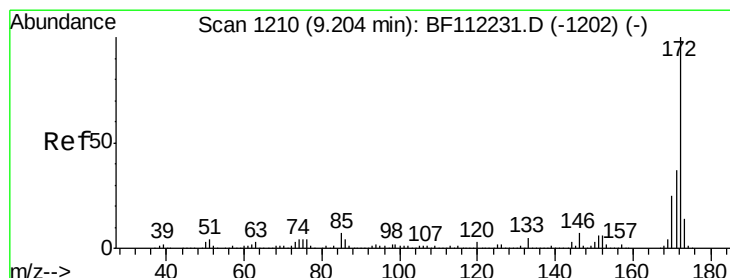
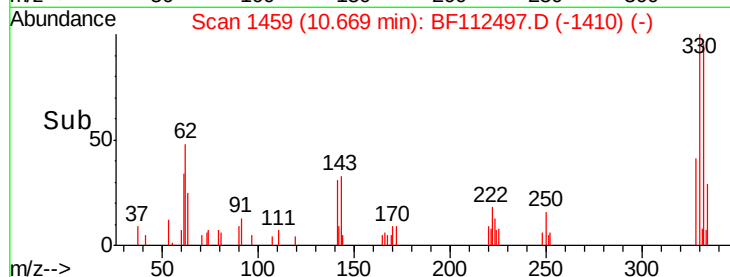
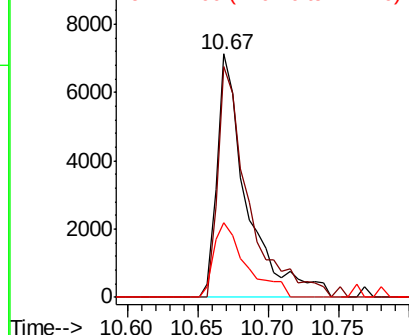
330 100

332 98.7 76.6 114.8

141 33.6 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: 5.676 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112497.D

Acq: 11 Feb 2019 22:41

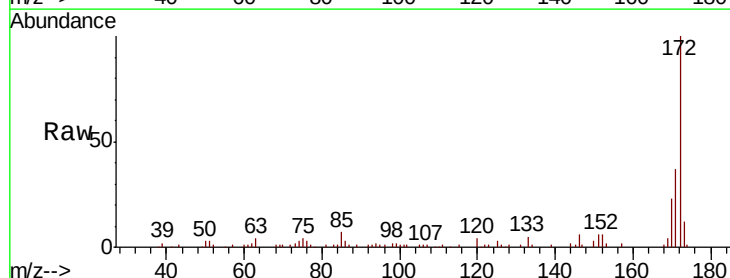
Tgt Ion:172 Resp: 91581

Ion Ratio Lower Upper

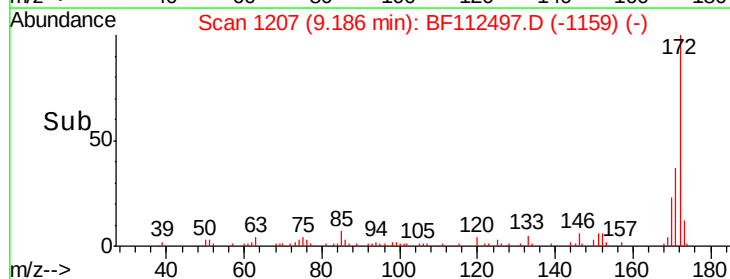
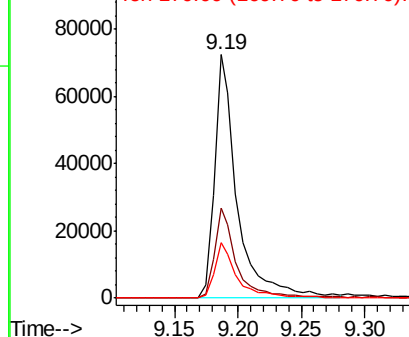
172 100

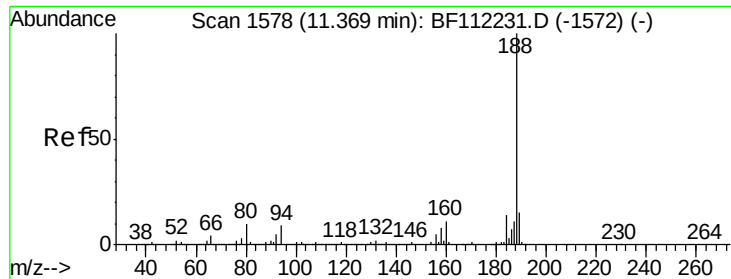
171 36.8 30.5 45.7

170 22.9 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: BF112497.D

Acq: 11 Feb 2019 22:41

Instrument :

BNA_F

ClientSampleId :

COMP-10

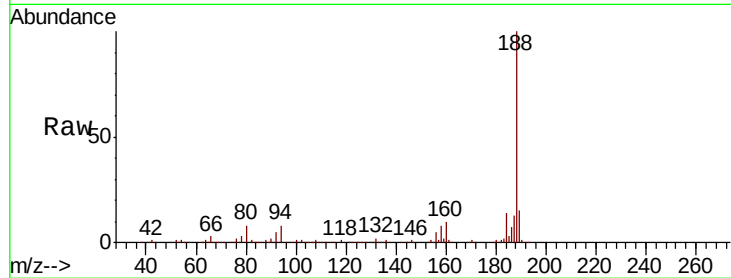
Tot Ion:188 Resp: 362508

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

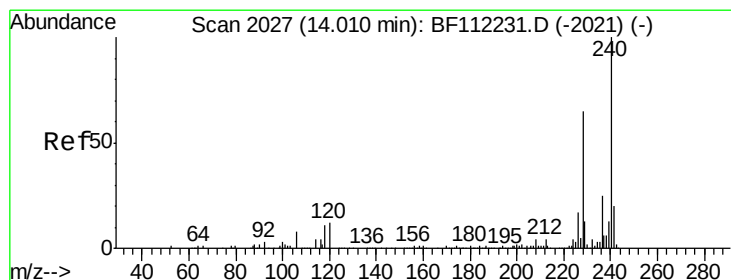
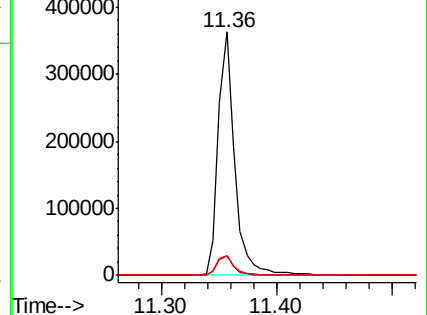
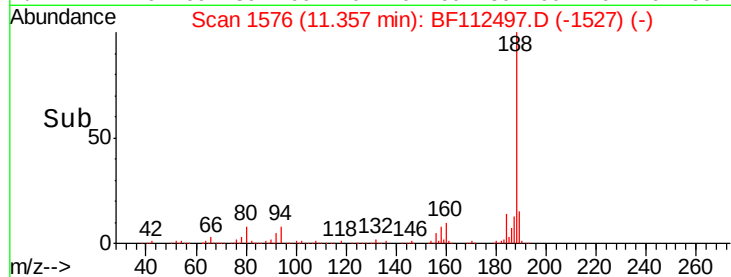
80 8.1 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112497.D

Acq: 11 Feb 2019 22:41

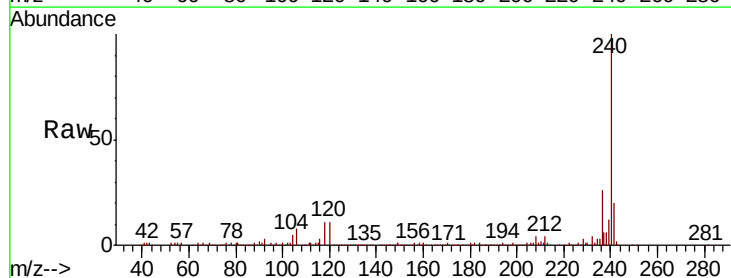
Tgt Ion:240 Resp: 288688

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

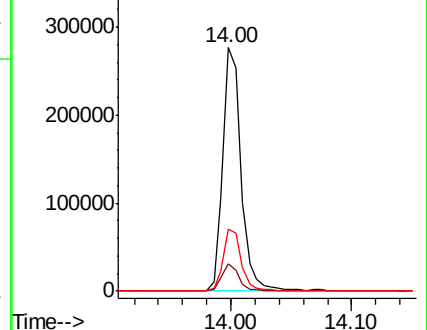
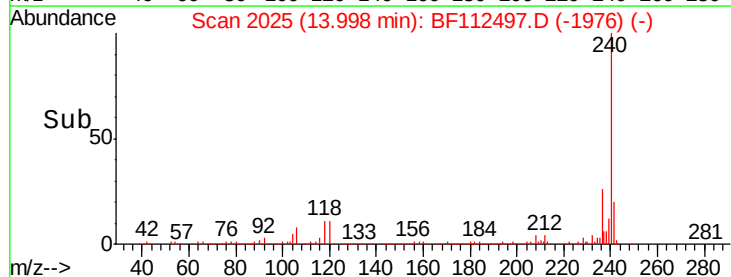
236 25.7 20.7 31.1

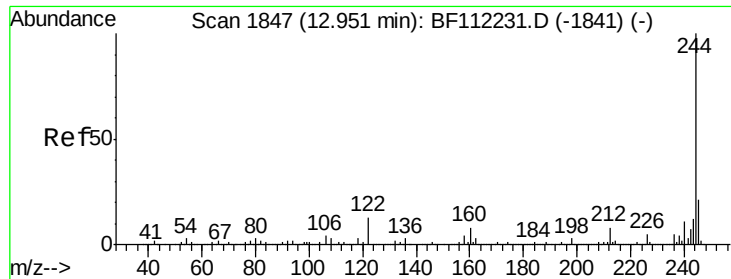


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

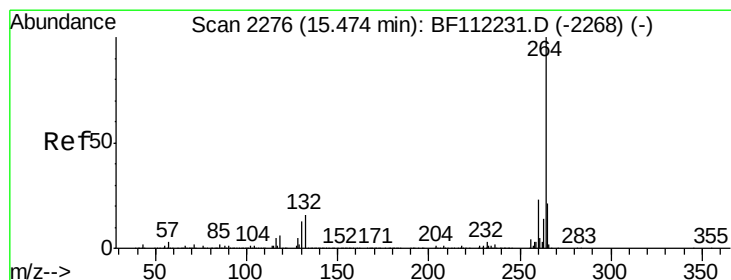
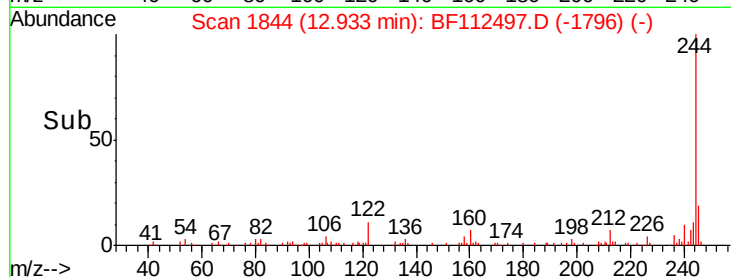
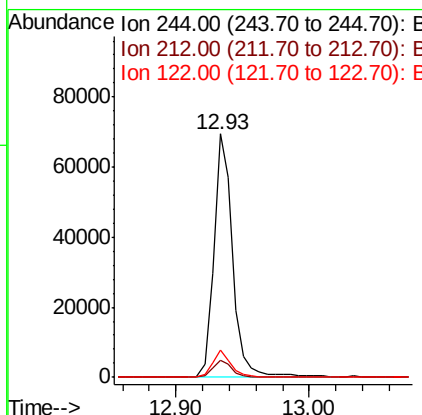
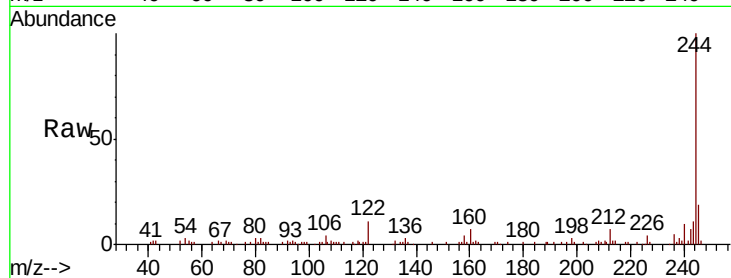




#79
 Terphenyl-d14
 Concen: 4.474 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112497.D
 Acq: 11 Feb 2019 22:41

Instrument :
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 COMP-10

Tot Ion:244 Resp: 68577
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.0 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: BF112497.D
 Acq: 11 Feb 2019 22:41

Tgt Ion:264 Resp: 275945
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 22.2 17.0 25.4

