

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112405.D
 Acq On : 5 Feb 2019 19:32
 Operator : JU/SJ
 Sample : K1341-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-B

Quant Time: Feb 06 00:38:41 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	174593	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	631072	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	265495	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	427573	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	314123	20.00	ng	-0.01
87) Perylene-d12	15.47	264	250605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1117715	135.98	ng	0.00
7) Phenol-d6	6.49	99	1255913	109.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	913081	83.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	370352	119.84	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1754606	93.47	ng	-0.01
79) Terphenyl-d14	12.94	244	1432875	85.91	ng	-0.01

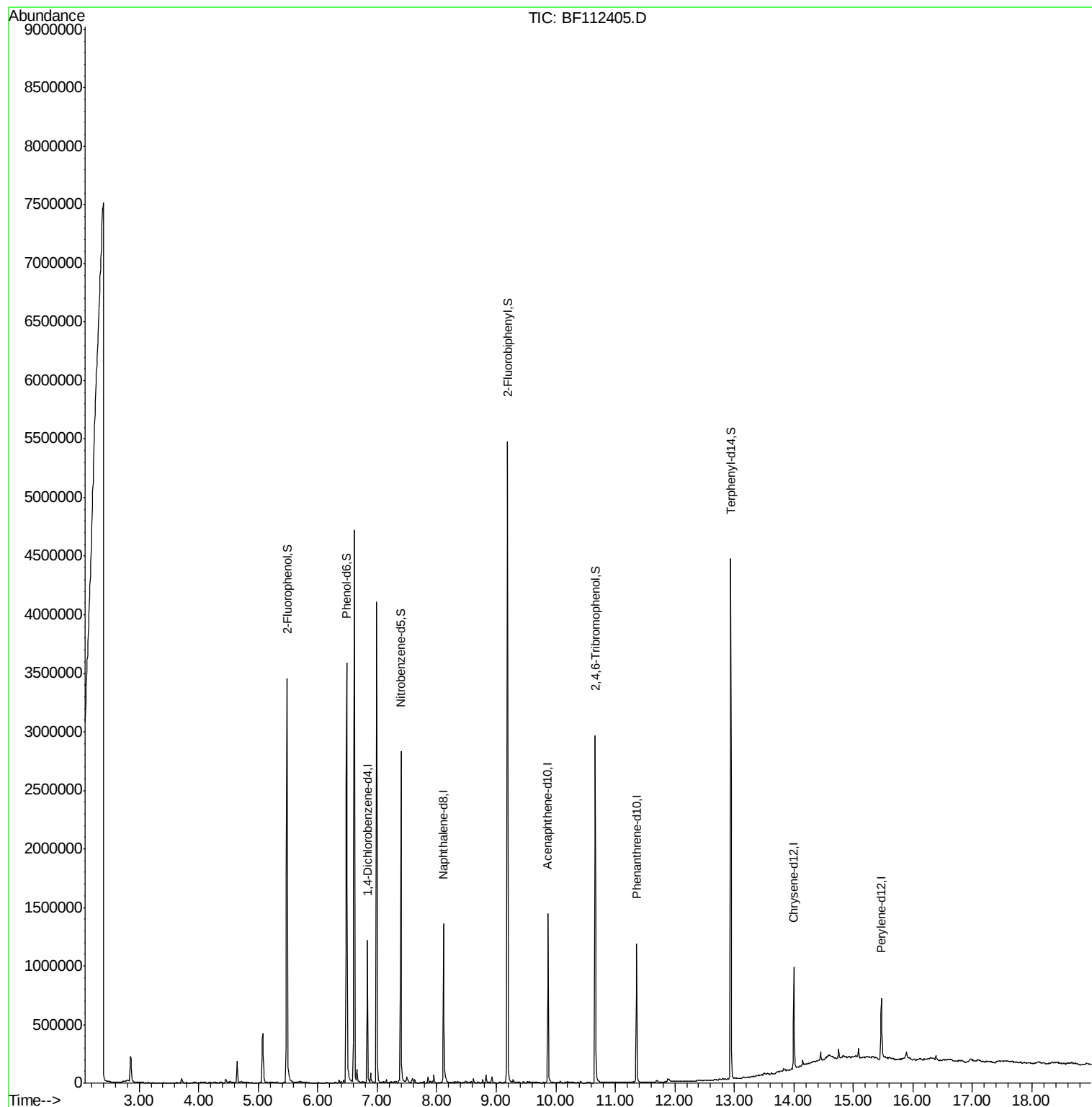
Target Compounds Qvalue

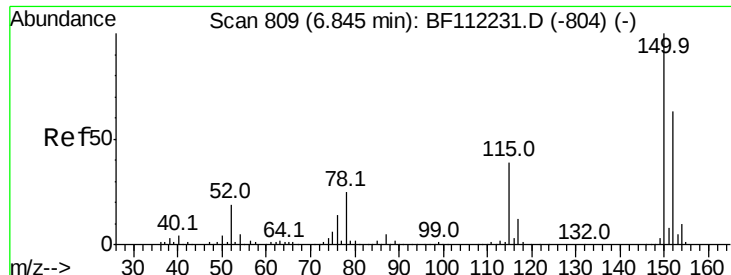
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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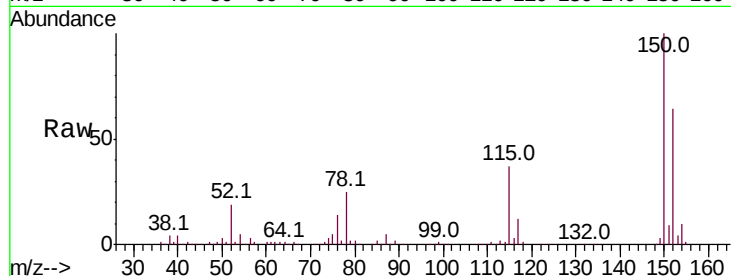


#1

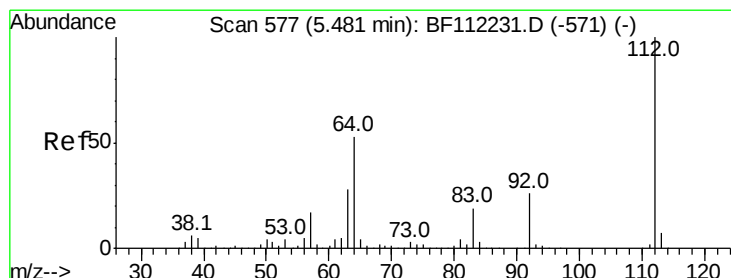
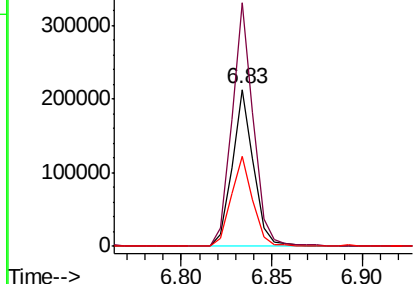
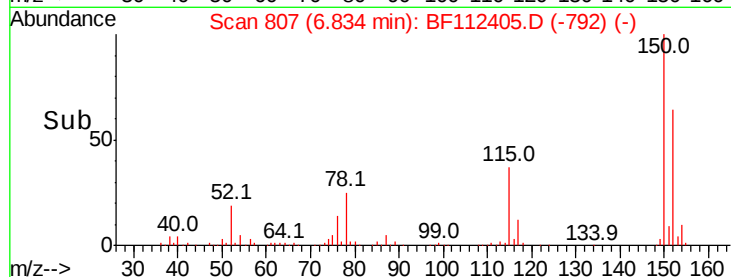
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112405.D
 Acq: 5 Feb 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-B

Tot Ion:152 Resp: 174593
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.4 191.0
 115 57.7 45.5 68.3



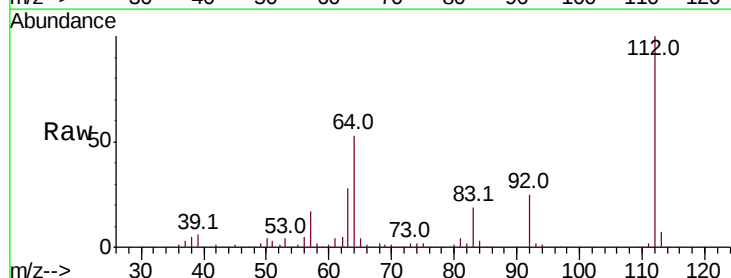
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



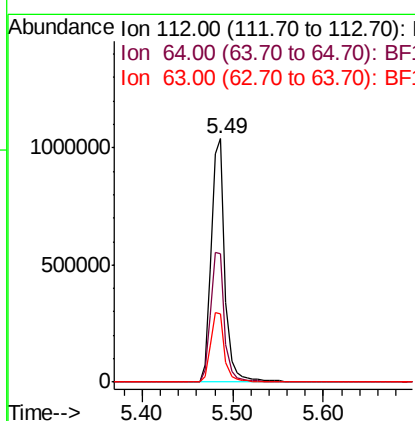
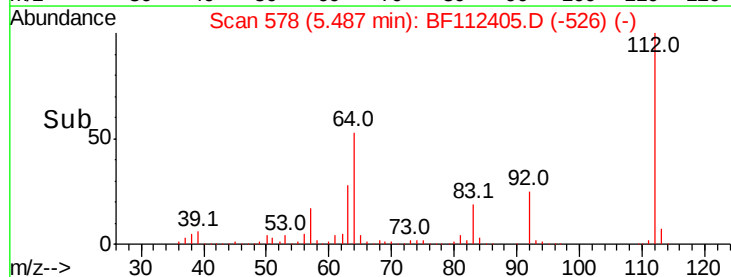
#5

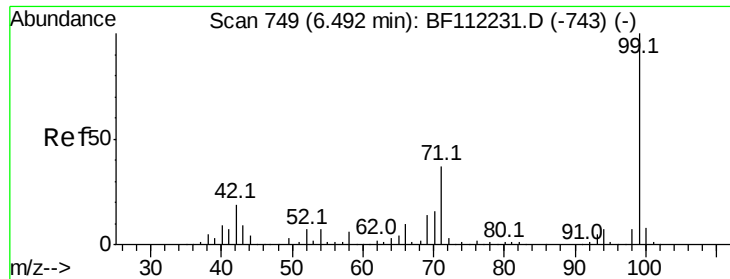
2-Fluorophenol
 Concen: 135.979 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF112405.D
 Acq: 5 Feb 2019 19:32

Tgt Ion:112 Resp: 1117715
 Ion Ratio Lower Upper
 112 100
 64 52.6 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: 109.958 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112405.D

Acq: 5 Feb 2019 19:32

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-B

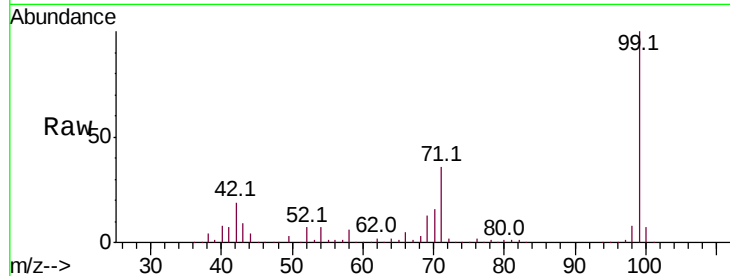
Tot Ion: 99 Resp: 1255913

Ion Ratio Lower Upper

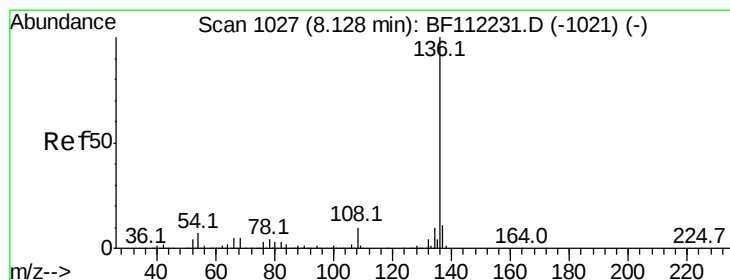
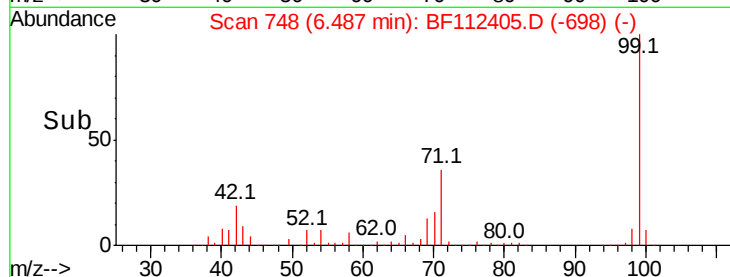
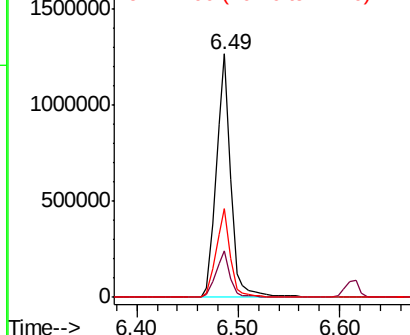
99 100

42 19.0 15.1 22.7

71 36.3 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: BF112405.D

Acq: 5 Feb 2019 19:32

Tgt Ion: 136 Resp: 631072

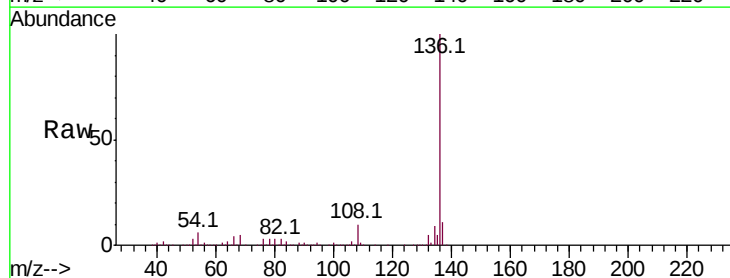
Ion Ratio Lower Upper

136 100

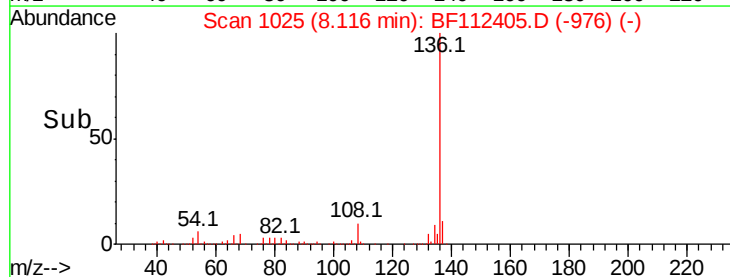
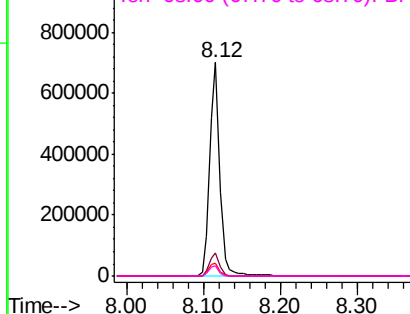
137 10.9 9.1 13.7

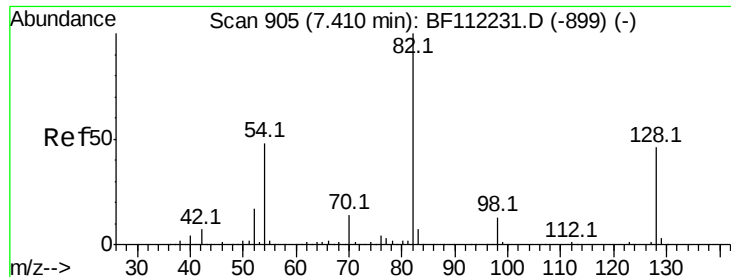
54 6.2 5.9 8.9

68 4.7 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: 83.369 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112405.D

Acq: 5 Feb 2019 19:32

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-B

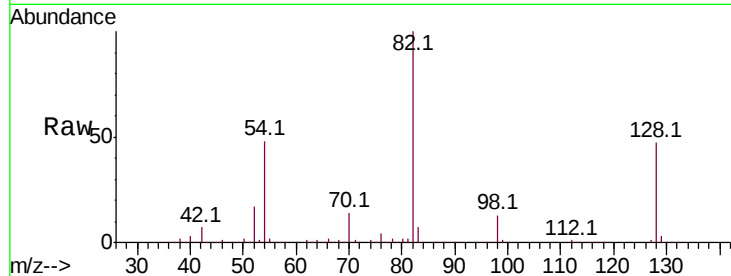
Tot Ion: 82 Resp: 913081

Ion Ratio Lower Upper

82 100

128 47.1 37.8 56.8

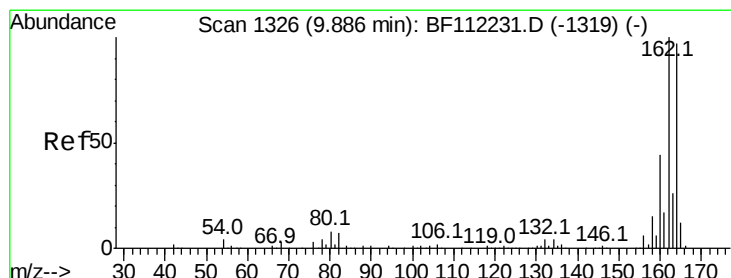
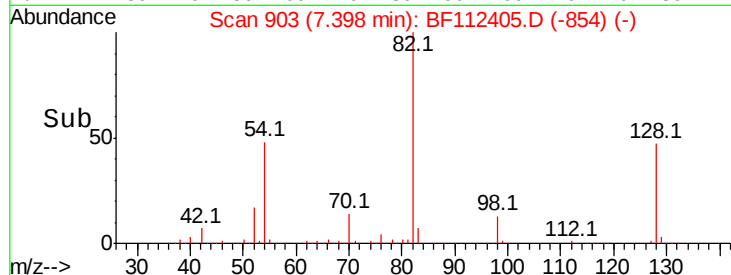
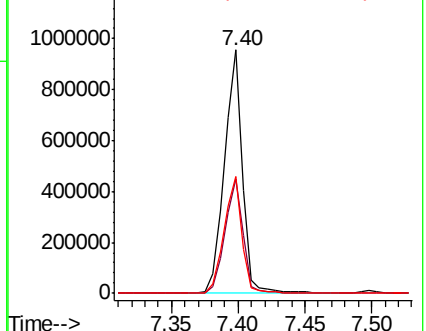
54 48.2 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112405.D

Acq: 5 Feb 2019 19:32

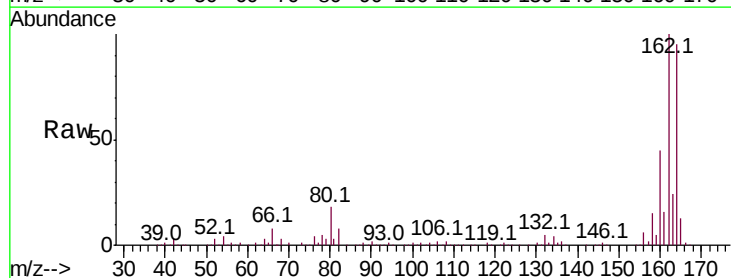
Tgt Ion: 164 Resp: 265495

Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.4

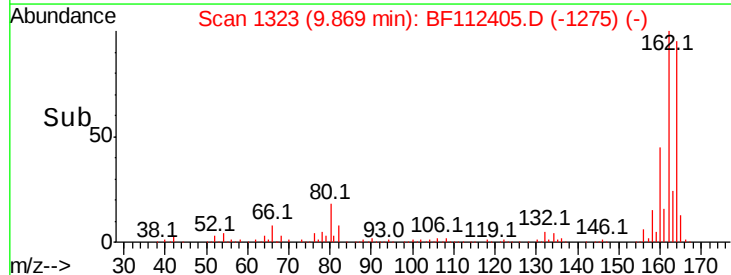
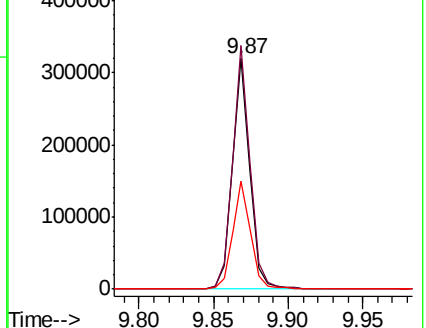
160 47.0 36.2 54.4

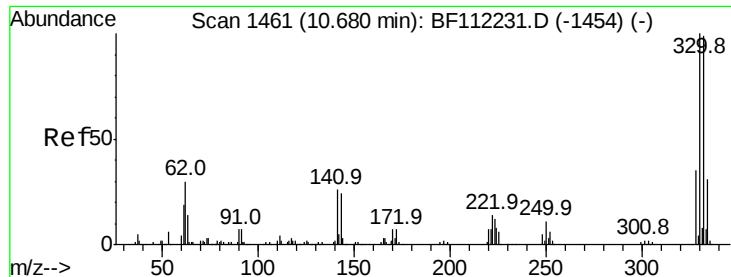


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

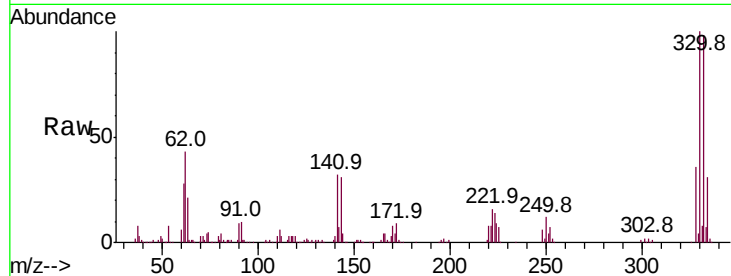




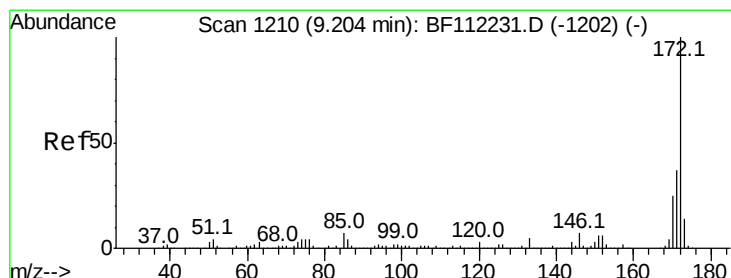
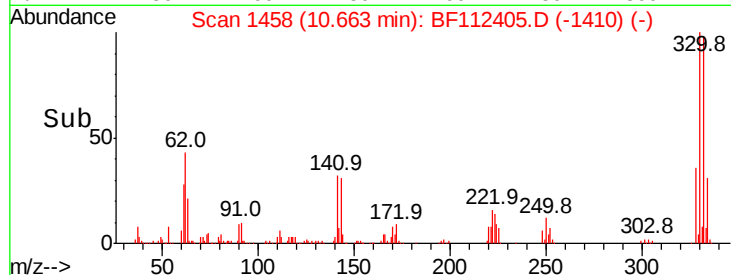
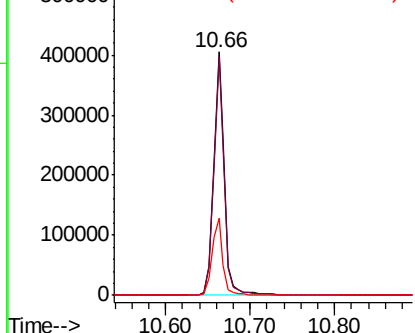
#42
 2,4,6-Tribromophenol
 Concen: 119.844 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112405.D
 Acq: 5 Feb 2019 19:32

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	32.0	24.3	36.5

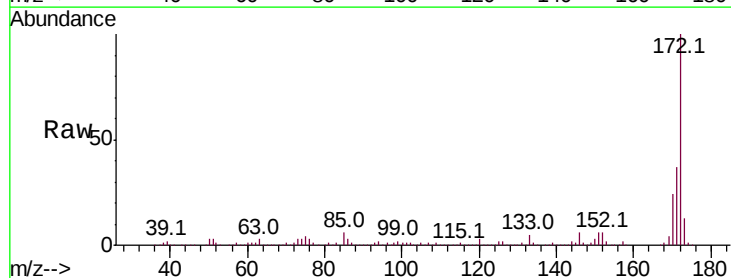


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

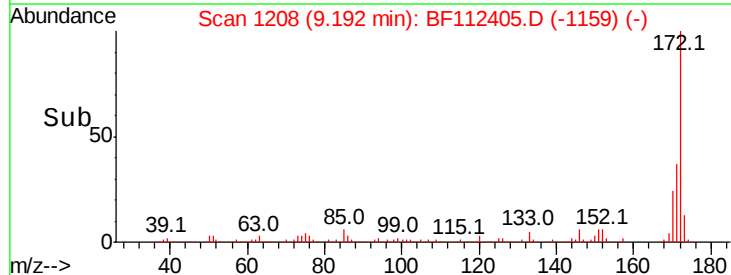
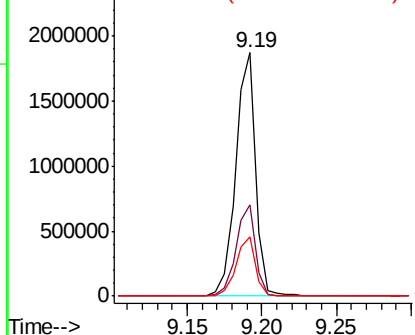


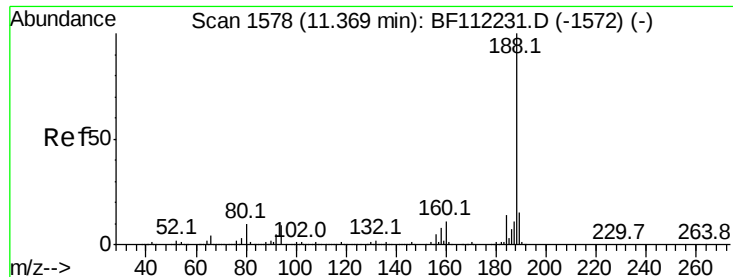
#45
 2-Fluorobiphenyl
 Concen: 93.471 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112405.D
 Acq: 5 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	24.3	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

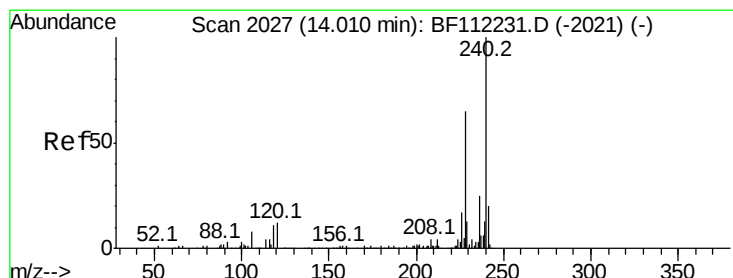
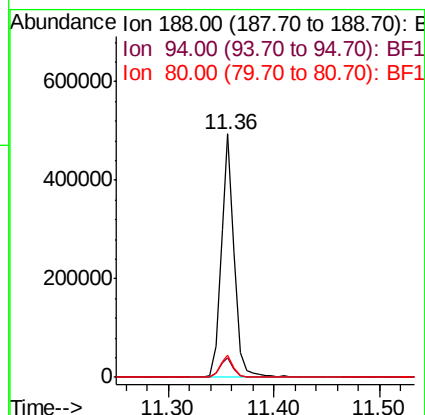
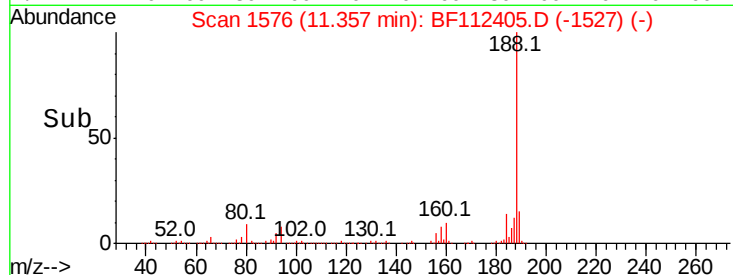
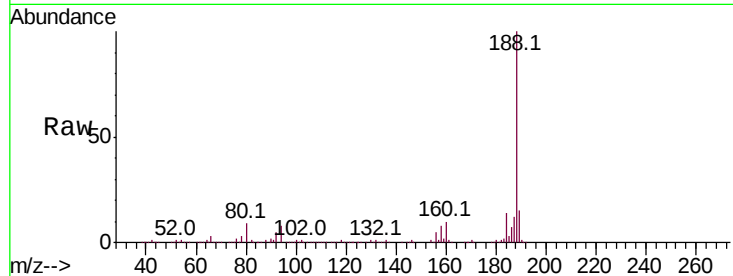




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112405.D
Acq: 5 Feb 2019 19:32

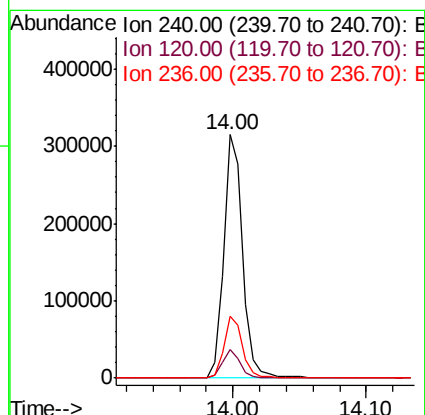
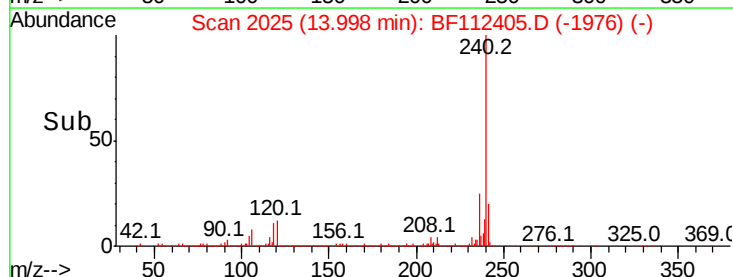
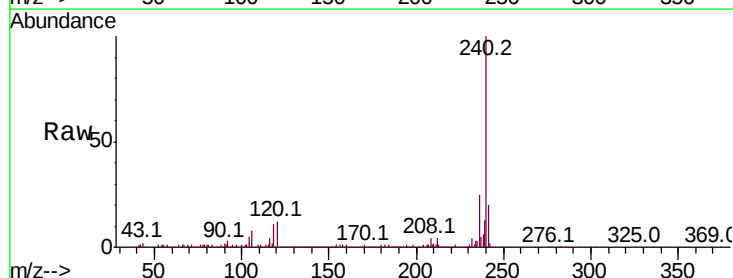
Instrument :
BNA_F
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HR-05-020419-B

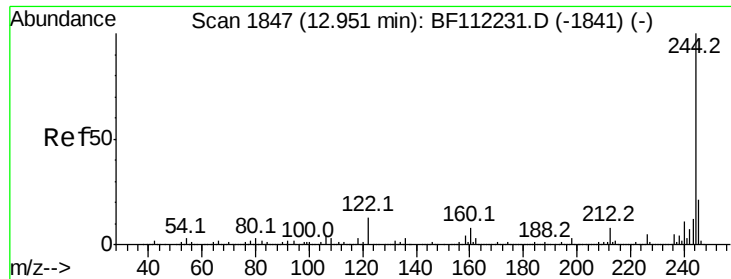
Tot Ion:188 Resp: 427573
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112405.D
Acq: 5 Feb 2019 19:32

Tgt Ion:240 Resp: 314123
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 85.914 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112405.D

Acq: 5 Feb 2019 19:32

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-B

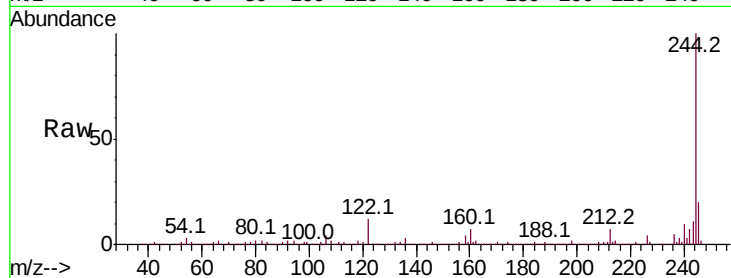
Tot Ion:244 Resp: 1432875

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

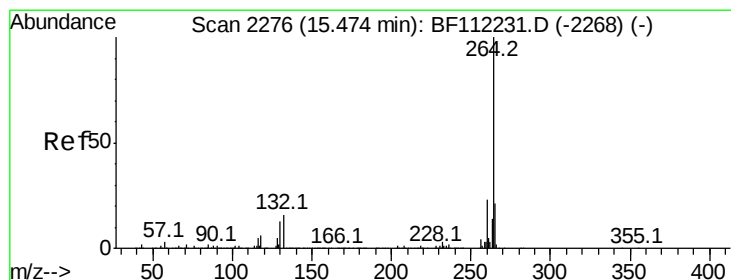
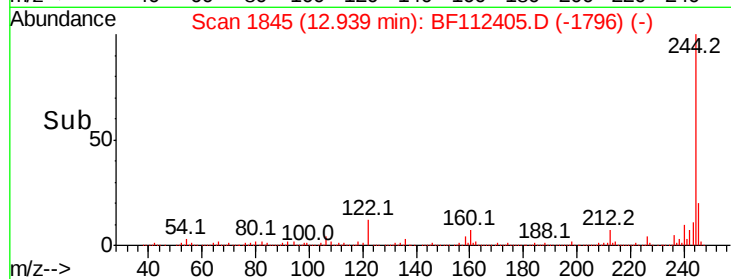
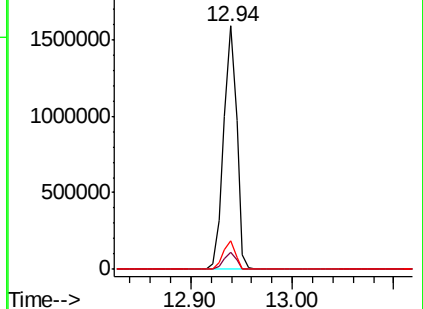
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112405.D

Acq: 5 Feb 2019 19:32

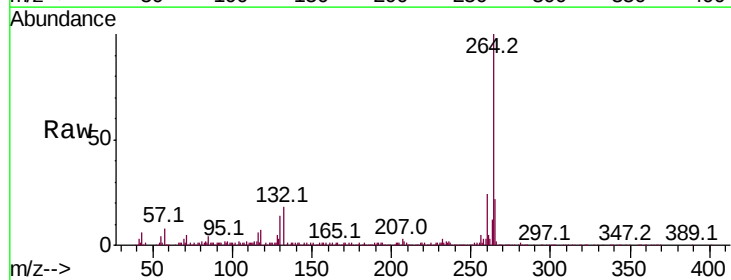
Tgt Ion:264 Resp: 250605

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.6 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

