

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112251.D
 Acq On : 26 Jan 2019 00:08
 Operator : JU/SJ
 Sample : K1015-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

Quant Time: Jan 28 00:48:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	255123	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	980767	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	482620	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	887342	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	530503	20.00	ng	-0.02
87) Perylene-d12	15.46	264	503862	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1425857	118.71	ng	0.00
7) Phenol-d6	6.49	99	1754613	105.13	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1352007	79.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	636784	113.36	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2589089	75.87	ng	-0.01
79) Terphenyl-d14	12.95	244	2442287	86.71	ng	-0.01

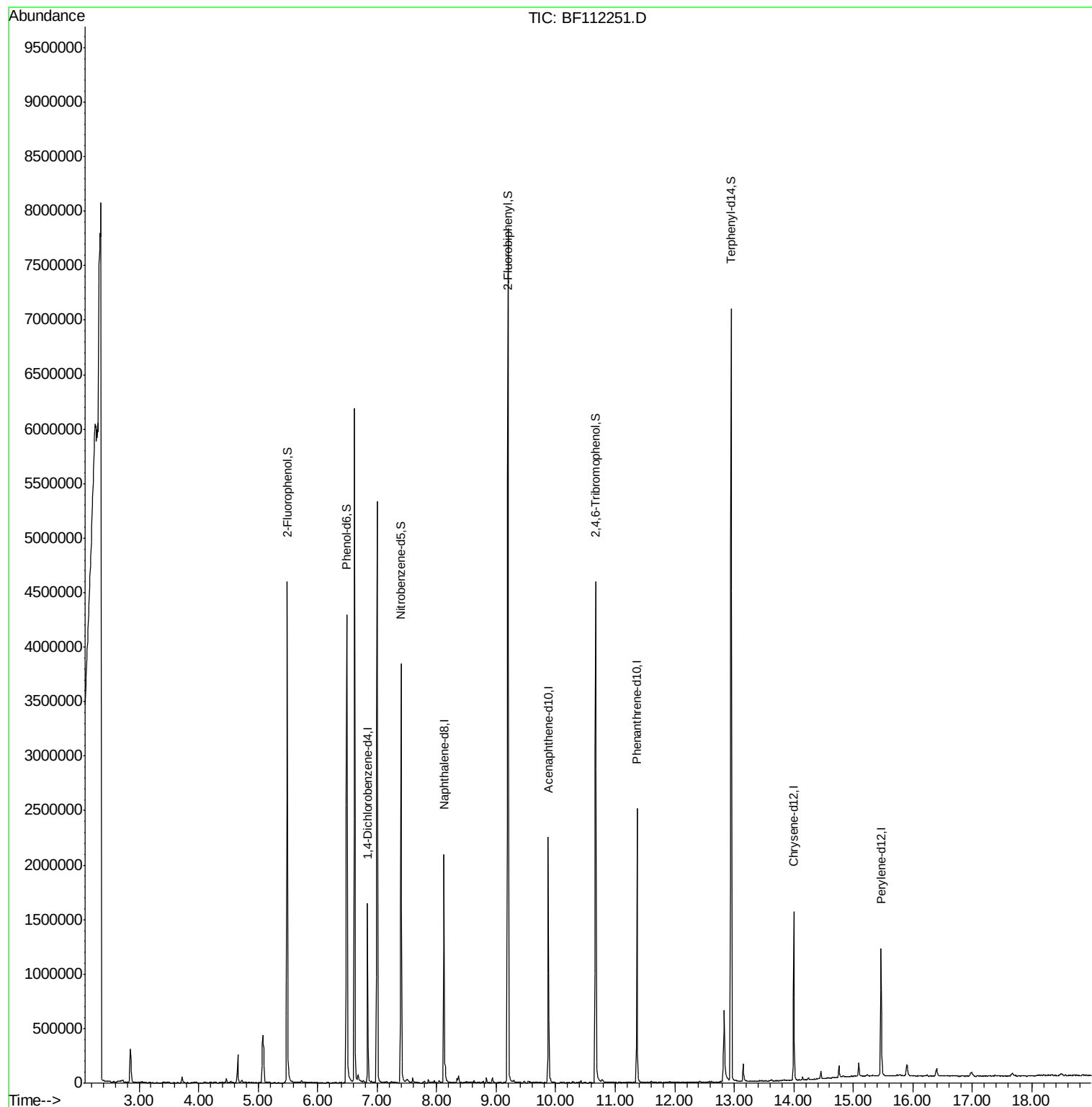
Target Compounds Qvalue

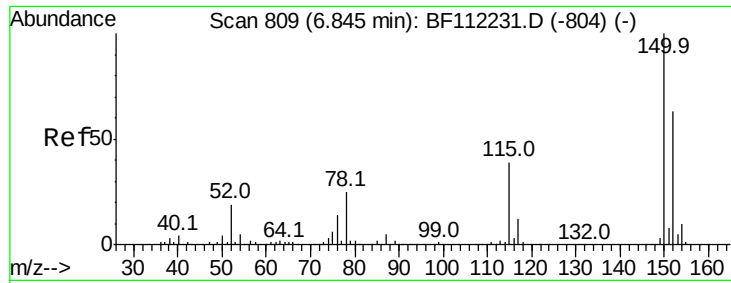
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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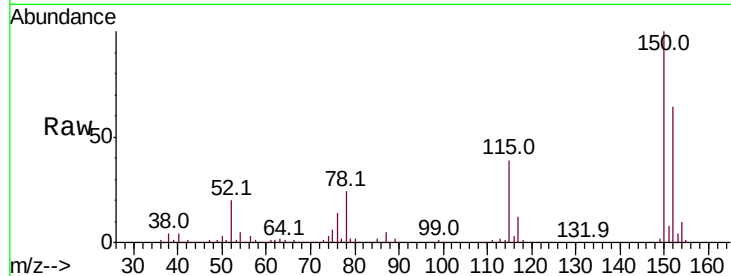


#1

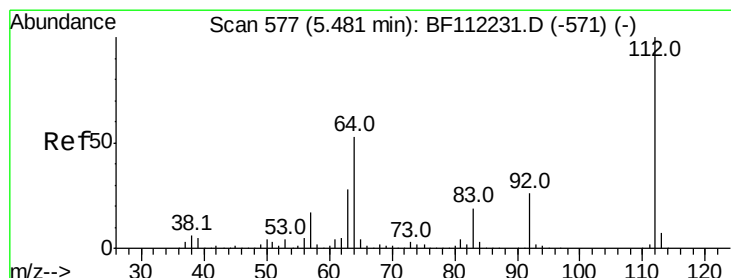
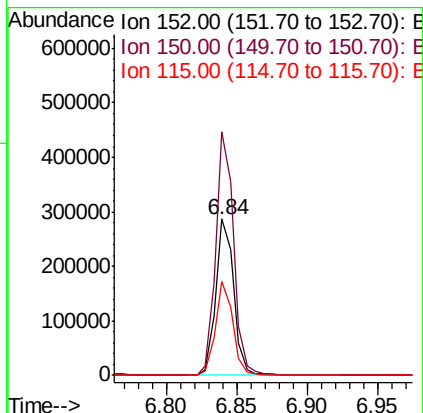
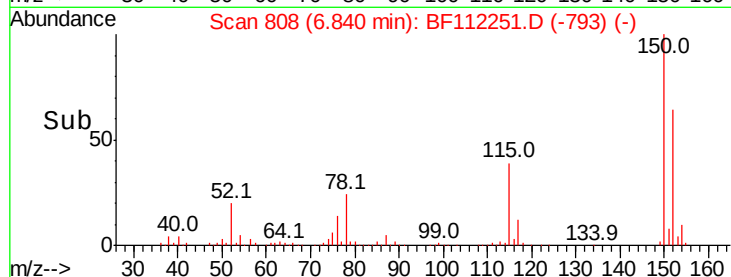
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112251.D
Acq: 26 Jan 2019 00:08

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tot Ion:152 Resp: 255123
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 60.1 45.5 68.3



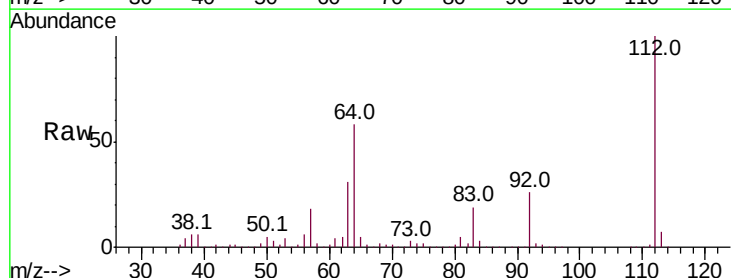
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



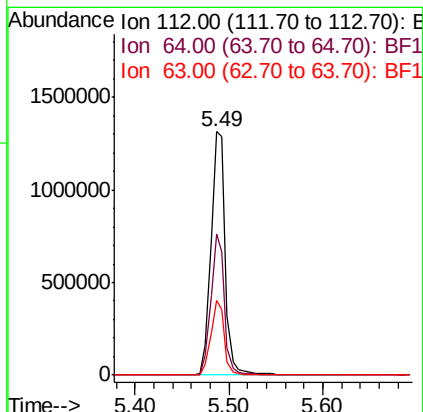
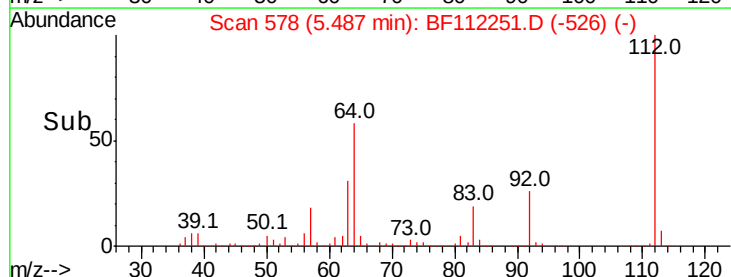
#5

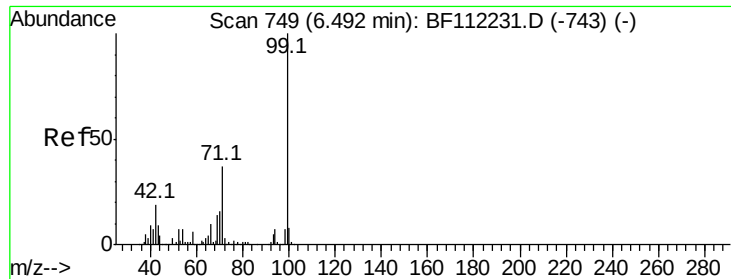
2-Fluorophenol
Concen: 118.712 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112251.D
Acq: 26 Jan 2019 00:08

Tgt Ion:112 Resp: 1425857
Ion Ratio Lower Upper
112 100
64 58.2 45.7 68.5
63 30.5 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: 105.130 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112251.D

Acq: 26 Jan 2019 00:08

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

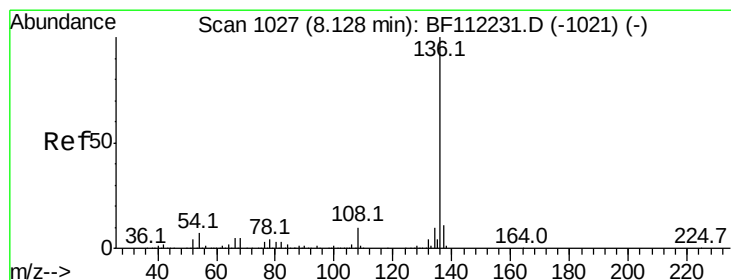
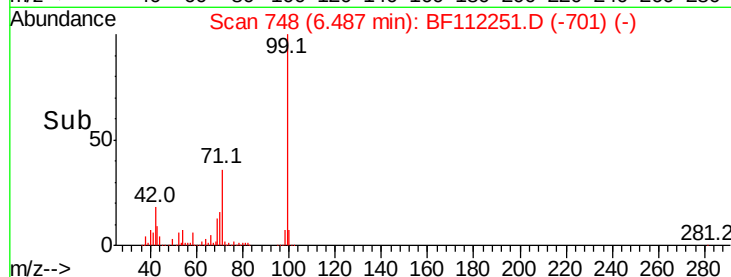
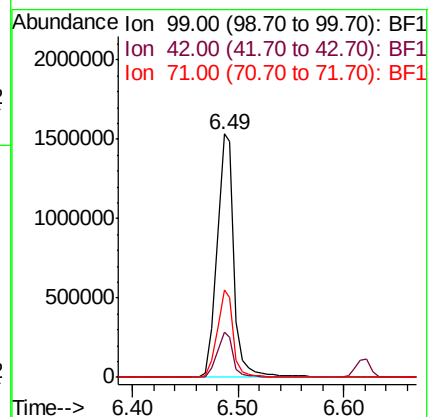
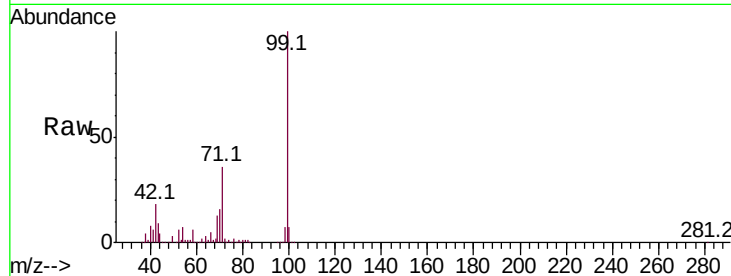
Tot Ion: 99 Resp: 1754613

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.8 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112251.D

Acq: 26 Jan 2019 00:08

Tgt Ion: 136 Resp: 980767

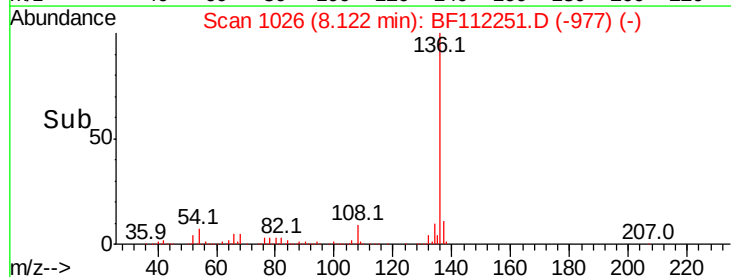
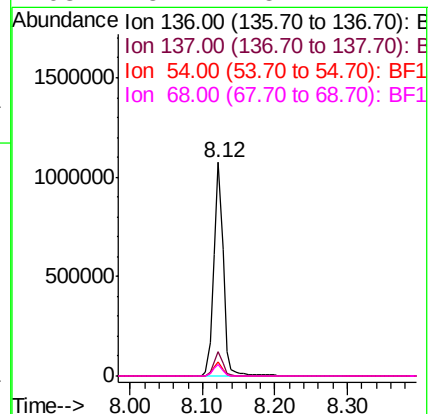
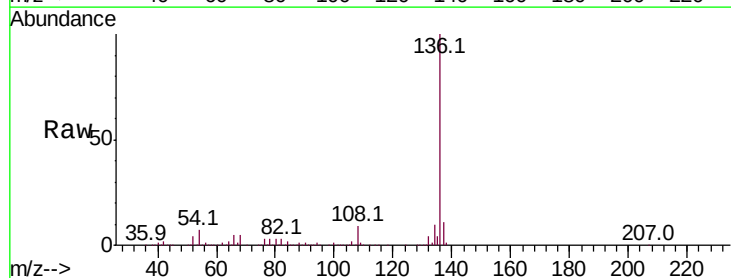
Ion Ratio Lower Upper

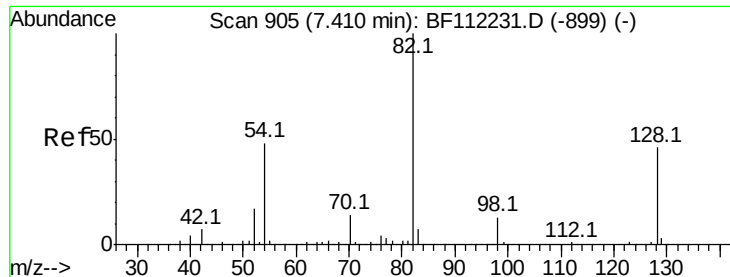
136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 5.4 5.1 7.7

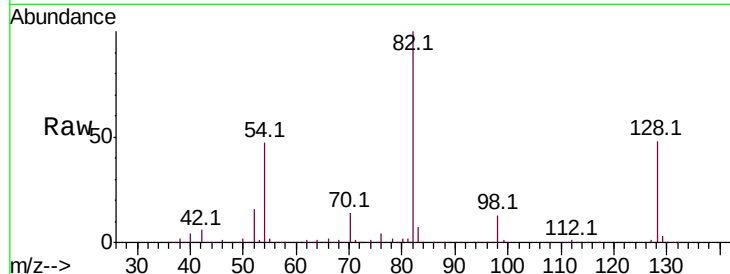




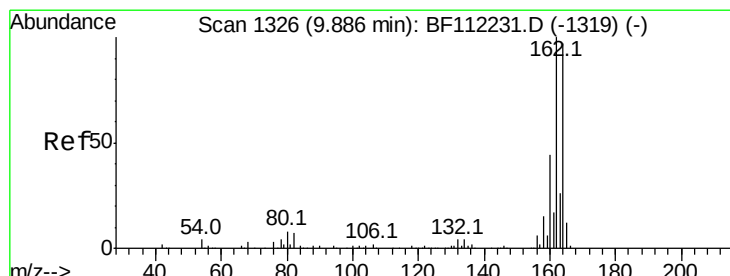
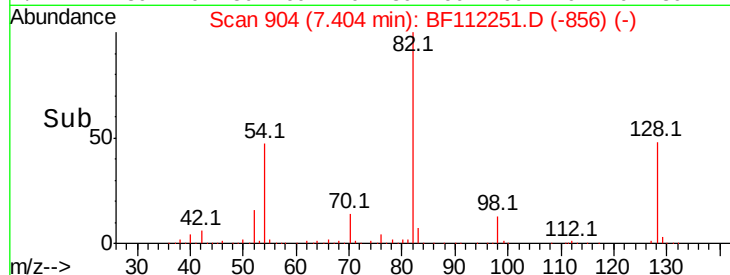
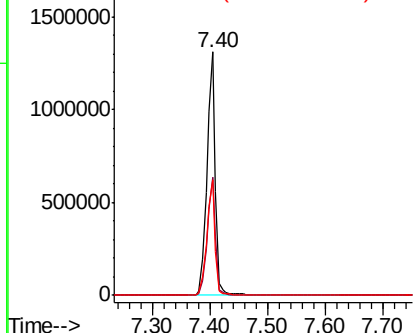
#23
Nitrobenzene-d5
Concen: 79.430 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112251.D
Acq: 26 Jan 2019 00:08

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tot Ion: 82 Resp: 1352007
Ion Ratio Lower Upper
82 100
128 48.4 37.8 56.8
54 47.4 39.7 59.5

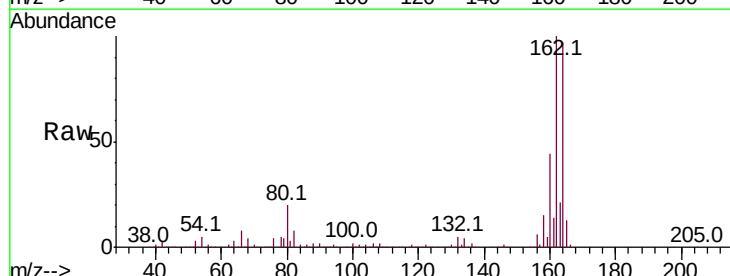


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

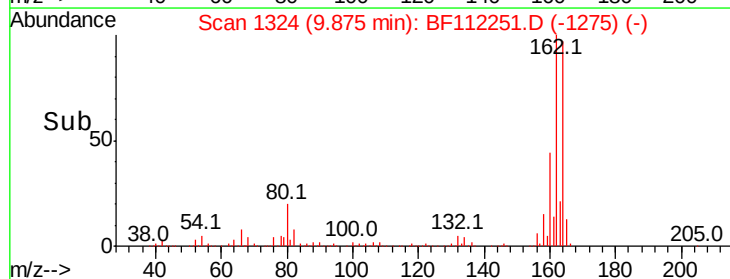
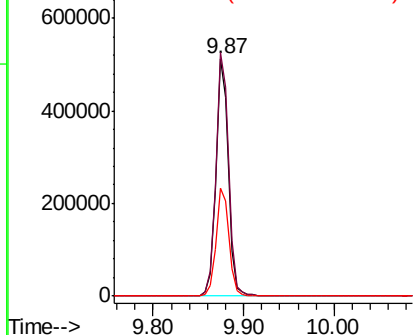


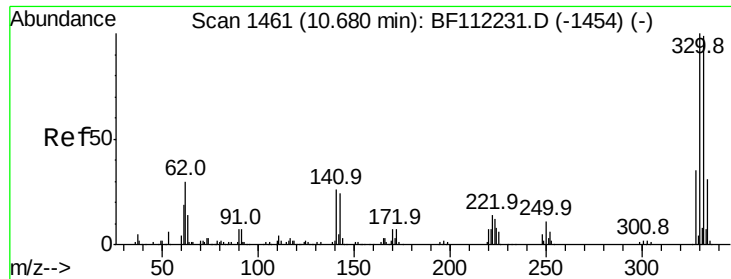
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112251.D
Acq: 26 Jan 2019 00:08

Tgt Ion:164 Resp: 482620
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.4
160 45.3 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: 113.356 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF112251.D

Acq: 26 Jan 2019 00:08

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

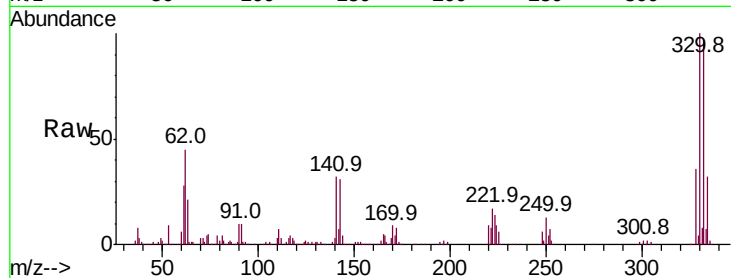
Tot Ion:330 Resp: 636784

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

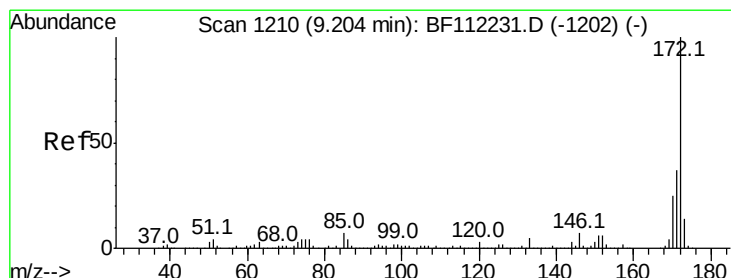
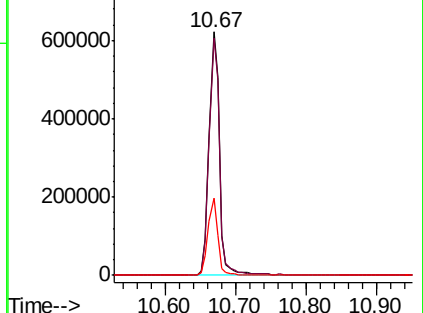
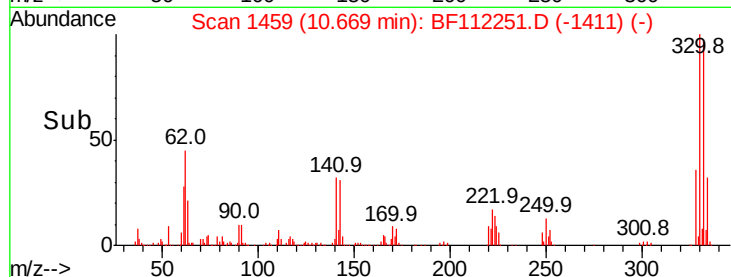
141 30.4 24.3 36.5



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: 75.874 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112251.D

Acq: 26 Jan 2019 00:08

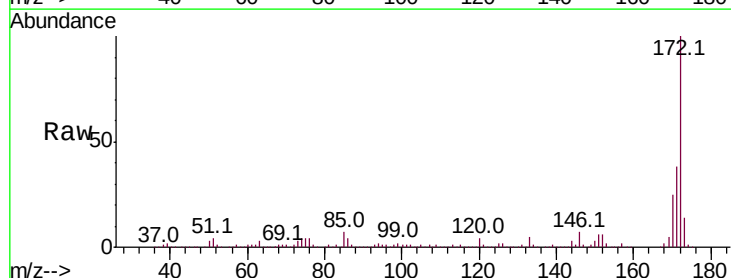
Tgt Ion:172 Resp: 2589089

Ion Ratio Lower Upper

172 100

171 38.0 30.5 45.7

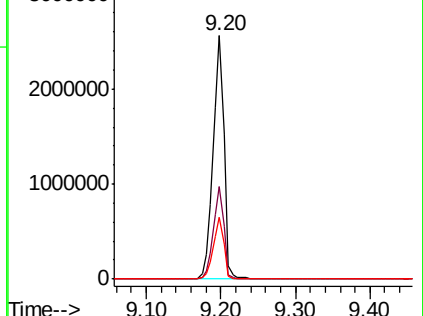
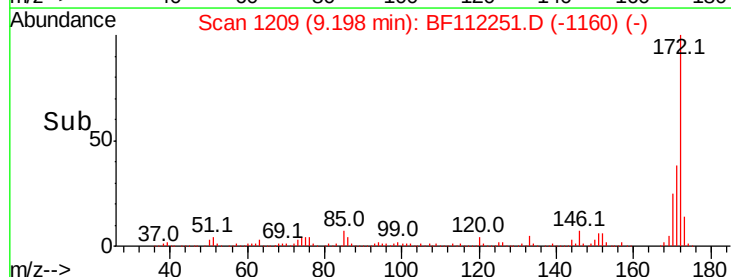
170 25.4 20.2 30.4

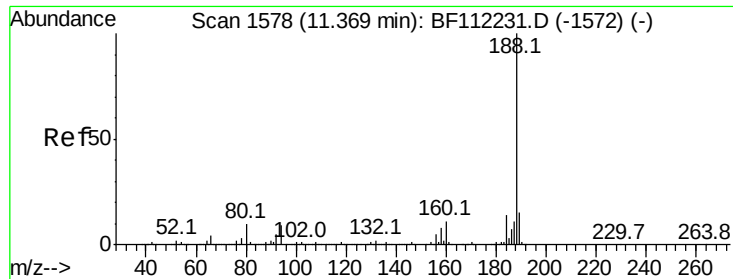


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

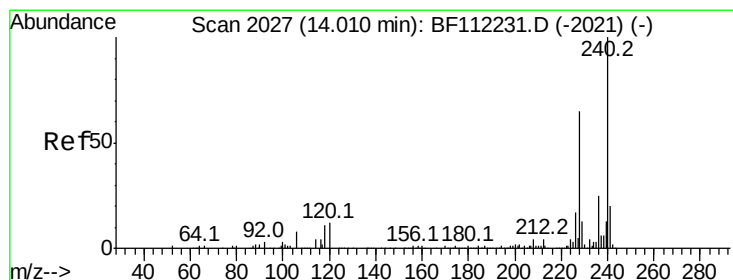
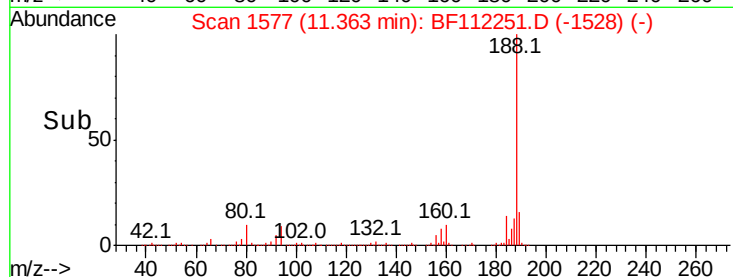
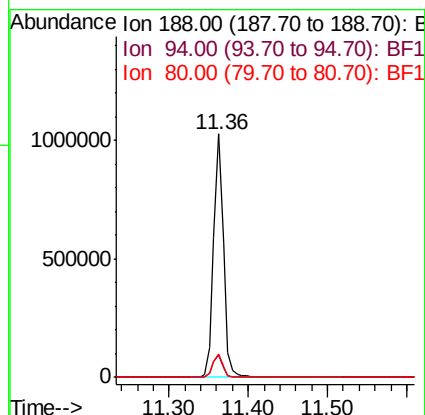
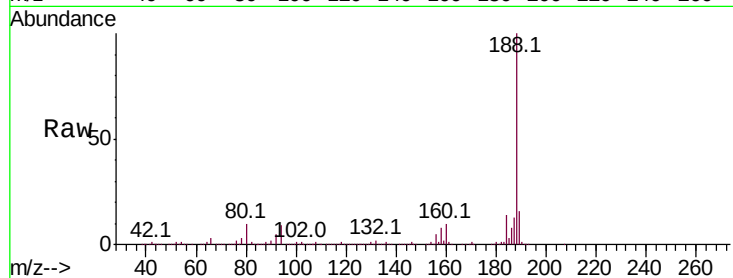




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112251.D
Acq: 26 Jan 2019 00:08

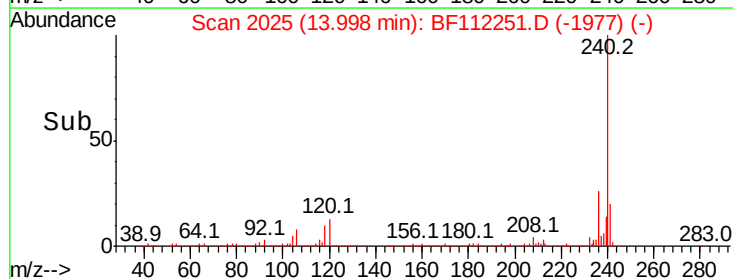
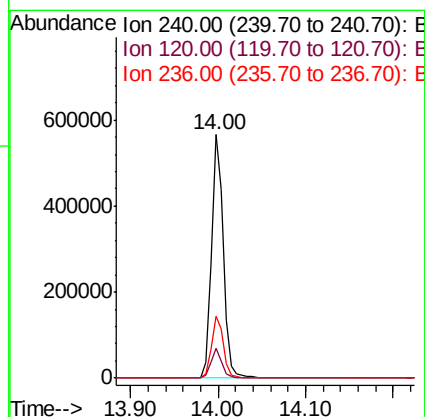
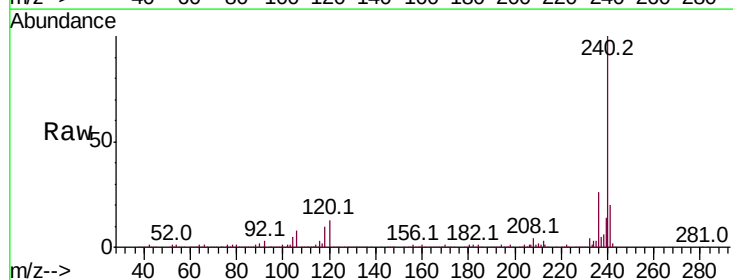
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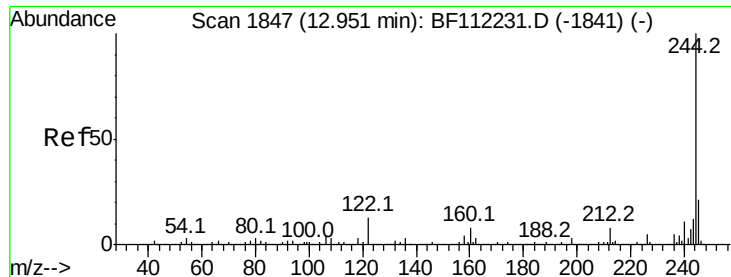
Tot Ion:188 Resp: 887342
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112251.D
Acq: 26 Jan 2019 00:08

Tgt Ion:240 Resp: 530503
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.6
236 25.5 20.7 31.1



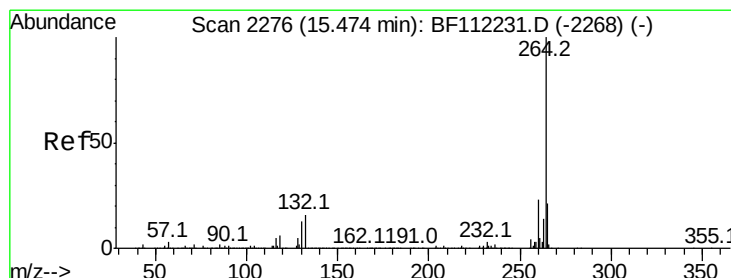
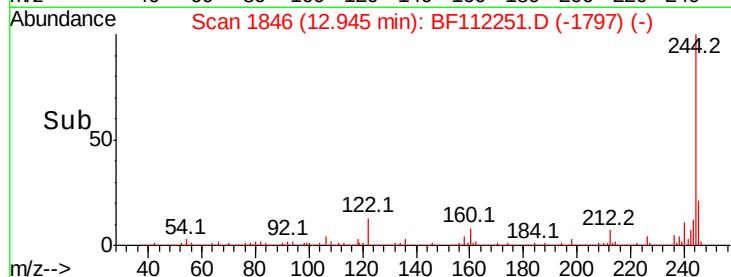
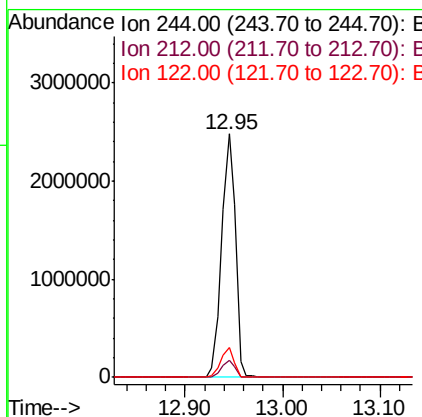
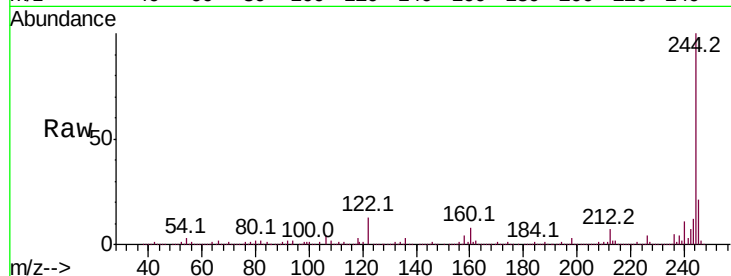


#79
 Terphenyl-d14
 Concen: 86.709 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112251.D
 Acq: 26 Jan 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

Tot Ion:244 Resp: 2442287

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.5	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112251.D
 Acq: 26 Jan 2019 00:08

Tgt Ion:264 Resp: 503862

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.6	17.0	25.4

