

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112253.D
 Acq On : 26 Jan 2019 1:03
 Operator : JU/SJ
 Sample : K1016-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-1-012319

Quant Time: Jan 28 00:50:40 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	239249	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	918425	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	455761	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	844374	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	486446	20.00	ng	-0.02
87) Perylene-d12	15.46	264	487897	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1531409	135.96	ng	0.00
7) Phenol-d6	6.49	99	1800598	115.04	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1347754	84.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	649951	122.52	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2653066	82.33	ng	-0.01
79) Terphenyl-d14	12.95	244	2435309	94.29	ng	-0.01

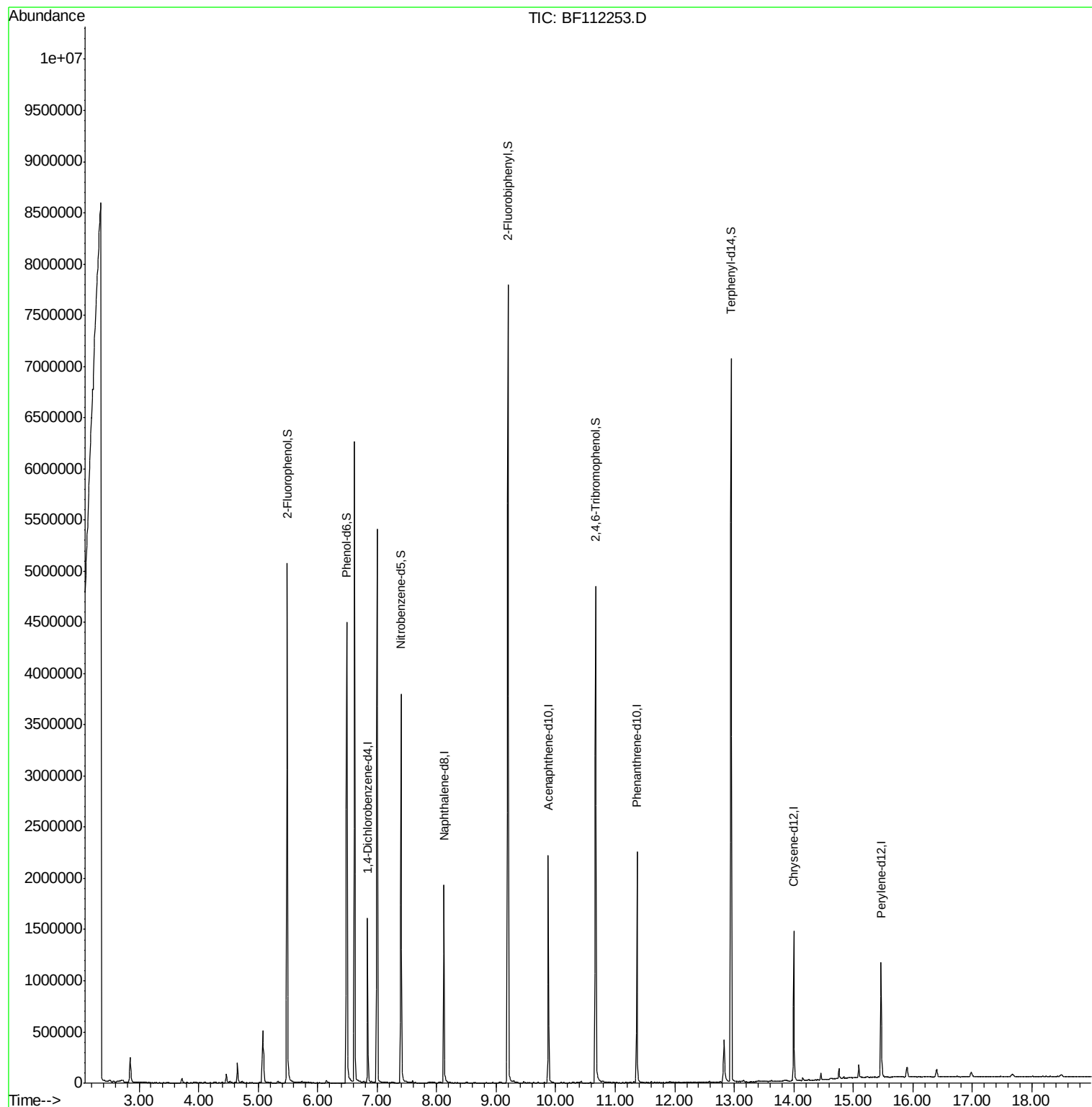
Target Compounds Qvalue

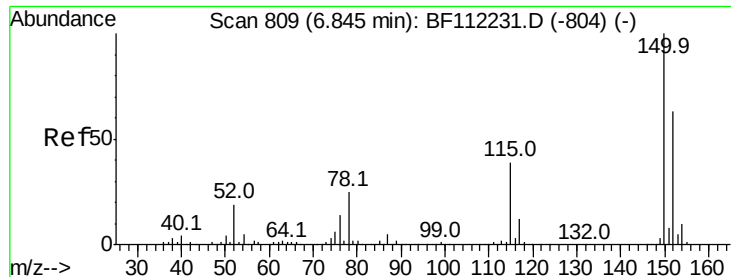
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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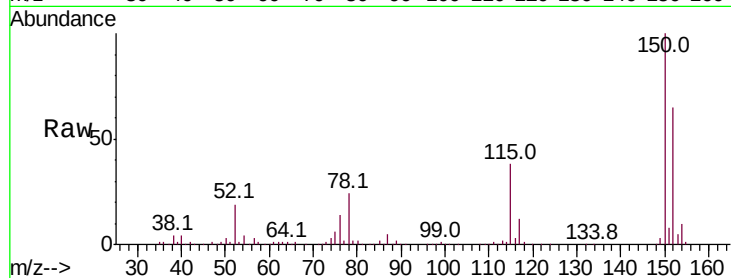


#1

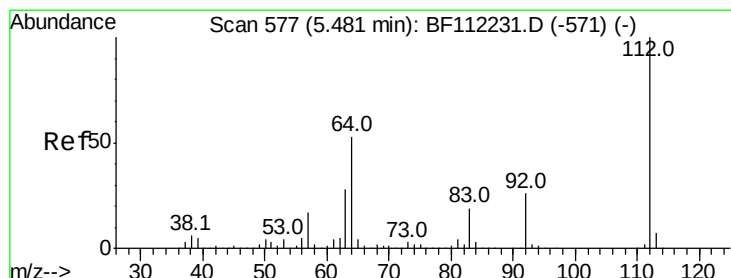
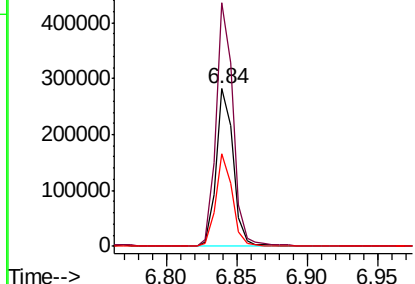
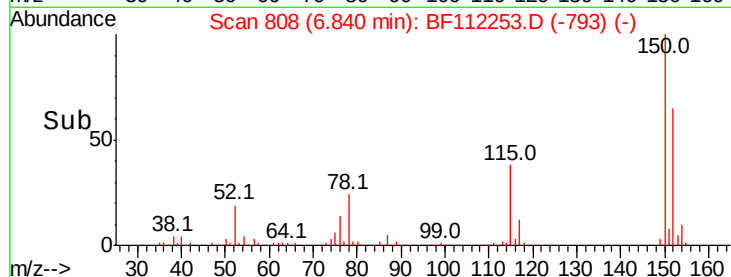
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112253.D
 Acq: 26 Jan 2019 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-1-012319

Tot Ion:152 Resp: 239249
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.4 191.0
 115 59.1 45.5 68.3



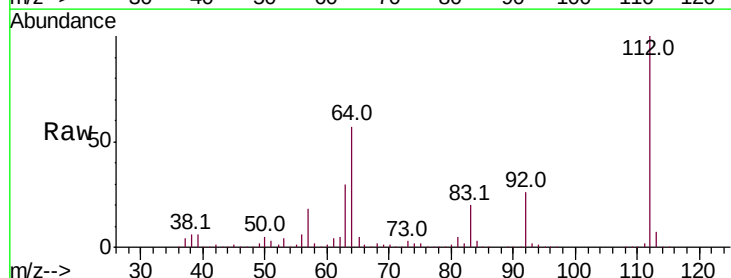
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



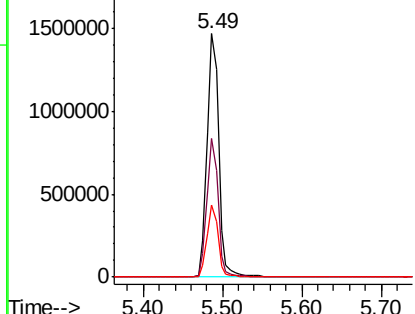
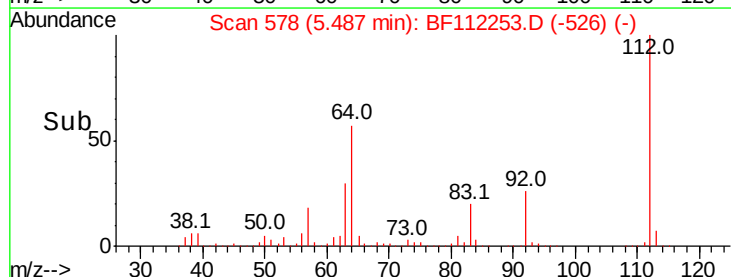
#5

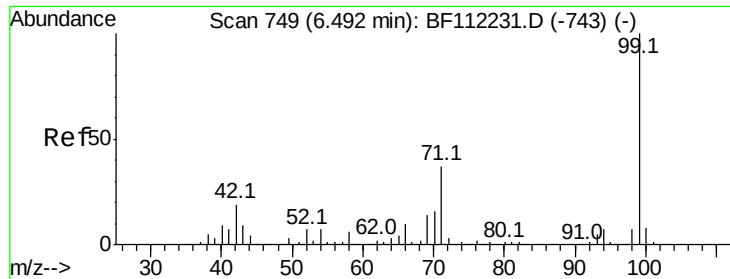
2-Fluorophenol
 Concen: 135.959 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF112253.D
 Acq: 26 Jan 2019 1:03

Tgt Ion:112 Resp: 1531409
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.7 68.5
 63 29.8 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: 115.043 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112253.D

Acq: 26 Jan 2019 1:03

Instrument :

BNA_F

ClientSampleId :

TR-05-RO-1-012319

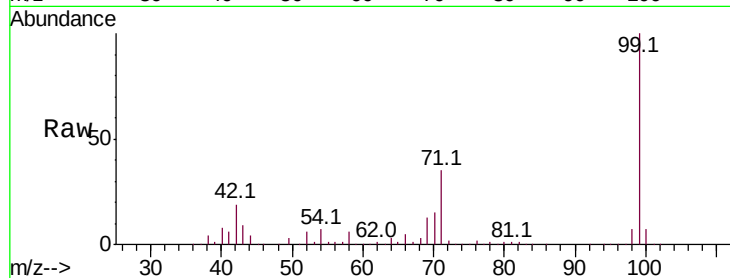
Tot Ion: 99 Resp: 1800598

Ion Ratio Lower Upper

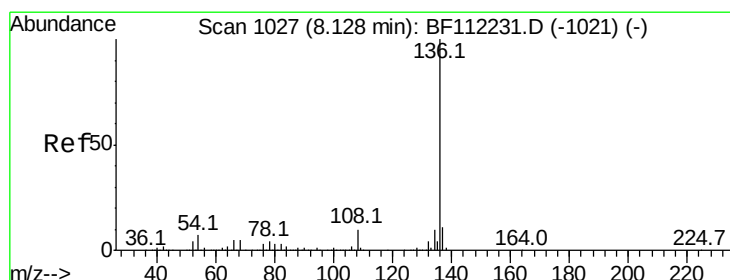
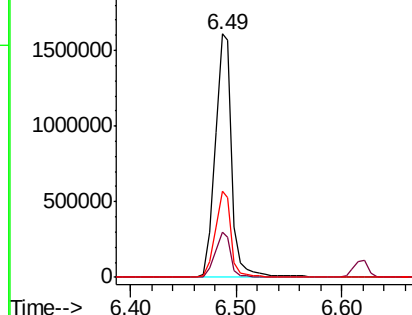
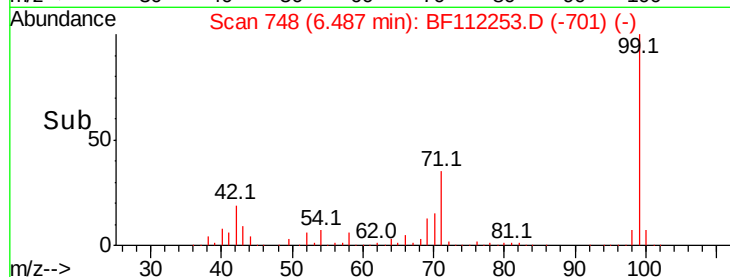
99 100

42 18.6 15.1 22.7

71 35.4 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# 1026

Delta R.T. -0.01 min

Lab File: BF112253.D

Acq: 26 Jan 2019 1:03

Tgt Ion: 136 Resp: 918425

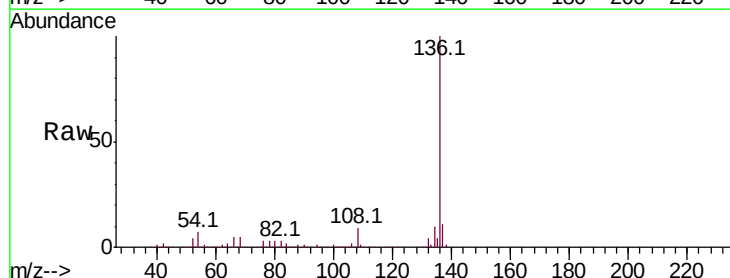
Ion Ratio Lower Upper

136 100

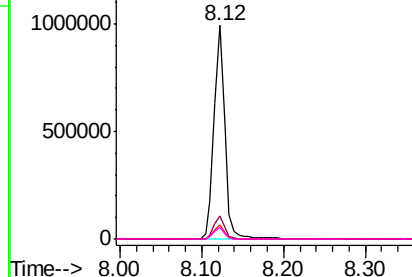
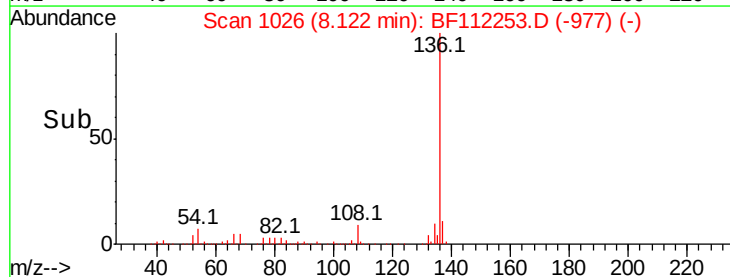
137 11.0 9.1 13.7

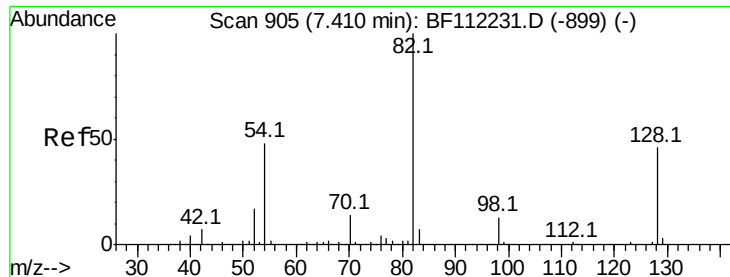
54 6.6 5.9 8.9

68 5.4 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

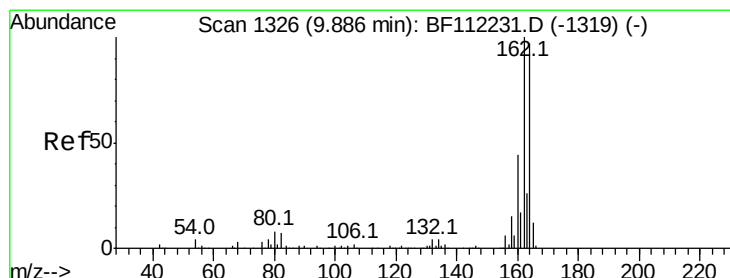
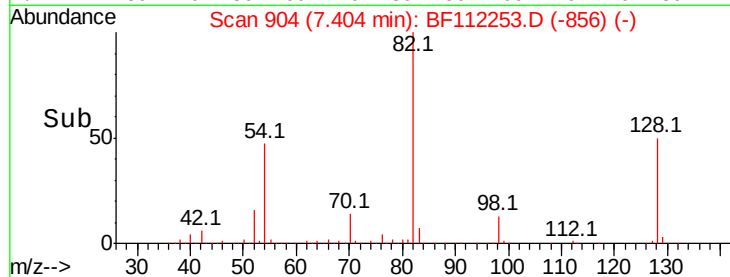
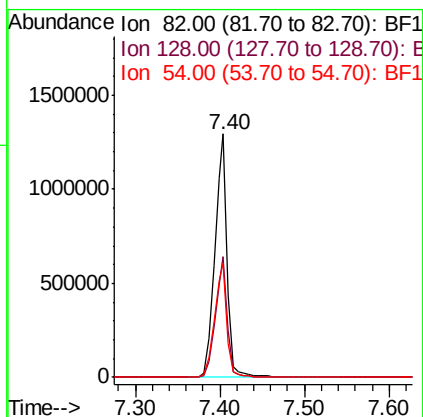
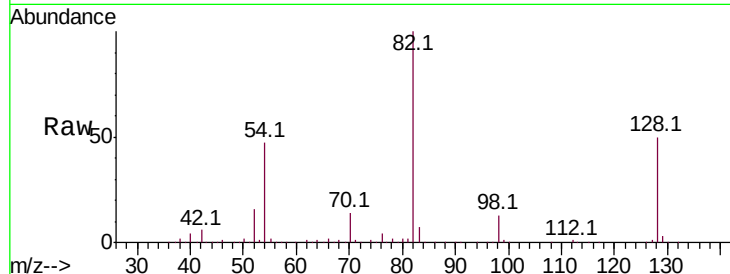




#23
 Nitrobenzene-d5
 Concen: 84.555 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112253.D
 Acq: 26 Jan 2019 1:03

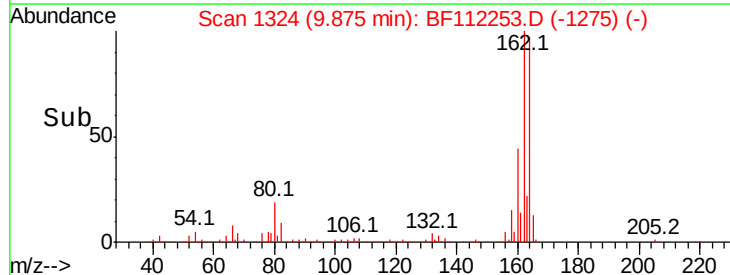
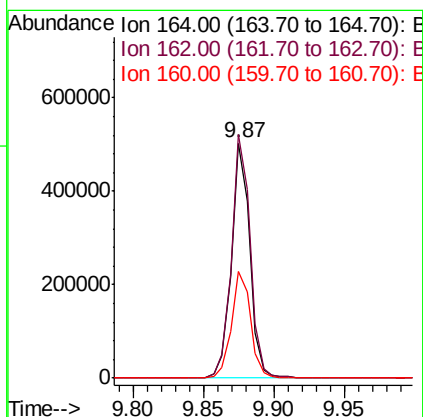
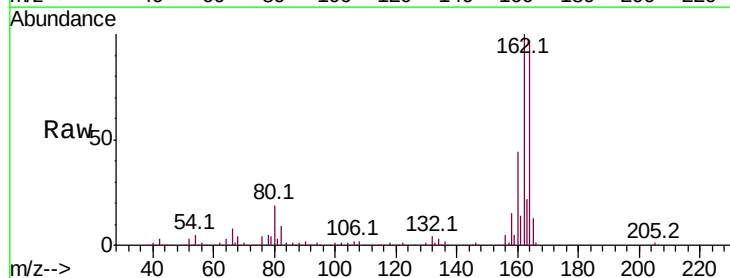
Instrument :
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 TR-05-RO-1-012319

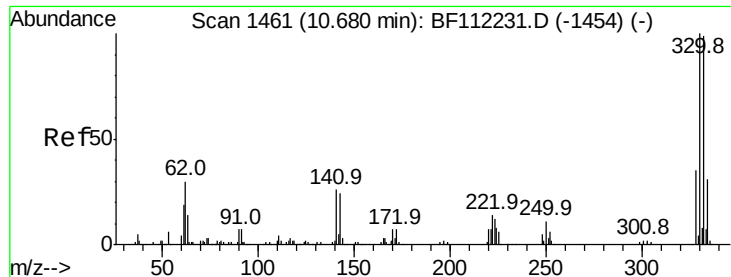
Tot Ion: 82 Resp: 1347754
 Ion Ratio Lower Upper
 82 100
 128 49.6 37.8 56.8
 54 47.2 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112253.D
 Acq: 26 Jan 2019 1:03

Tgt Ion: 164 Resp: 455761
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.4
 160 45.5 36.2 54.4

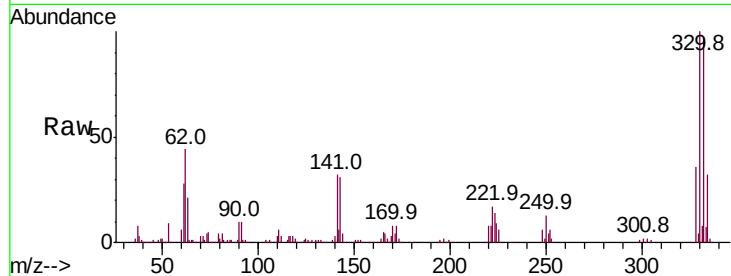




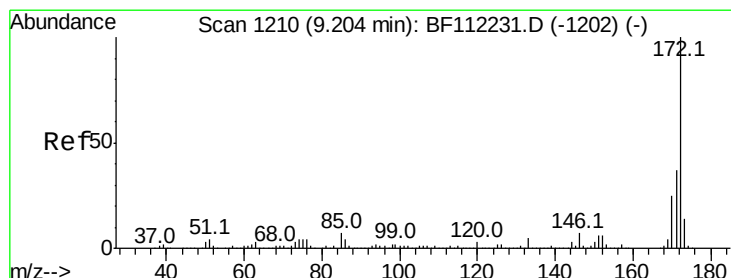
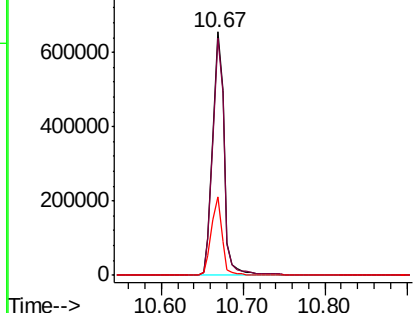
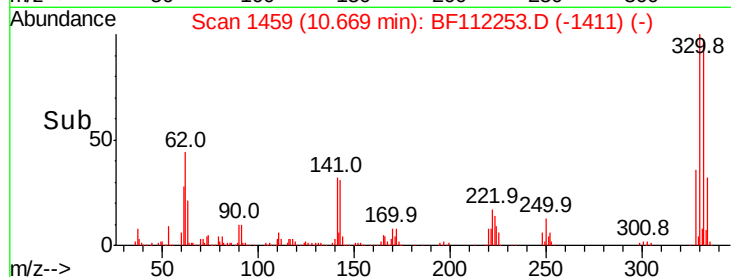
#42
 2,4,6-Tribromophenol
 Concen: 122.518 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF112253.D
 Acq: 26 Jan 2019 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-1-012319

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	30.5	24.3	36.5

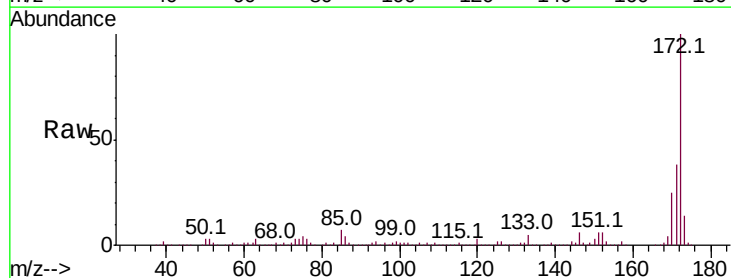


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

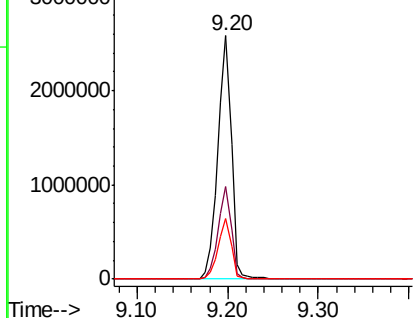
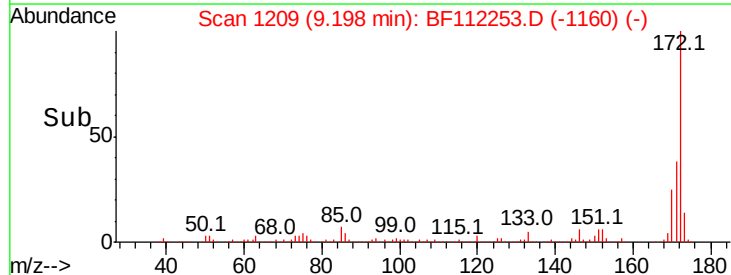


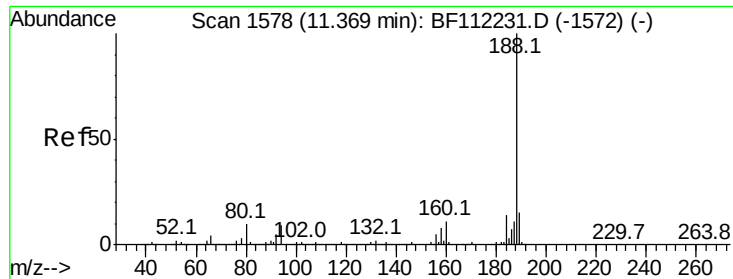
#45
 2-Fluorobiphenyl
 Concen: 82.331 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112253.D
 Acq: 26 Jan 2019 1:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.0	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

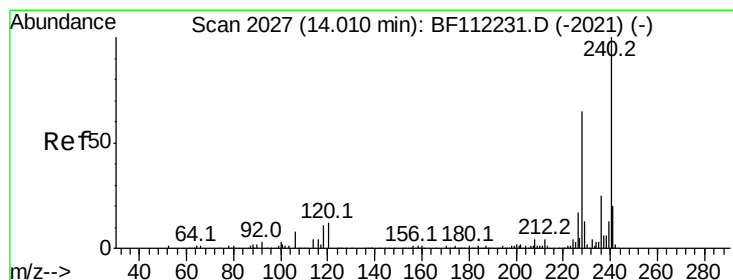
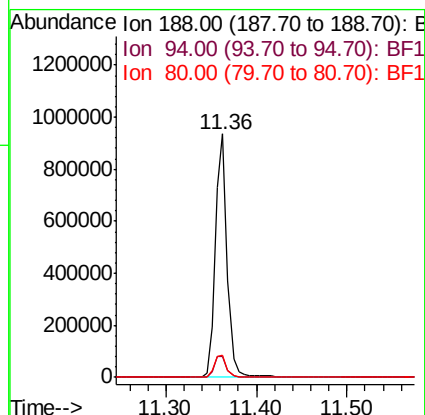
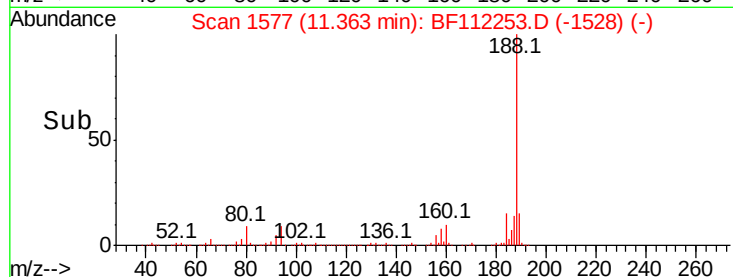
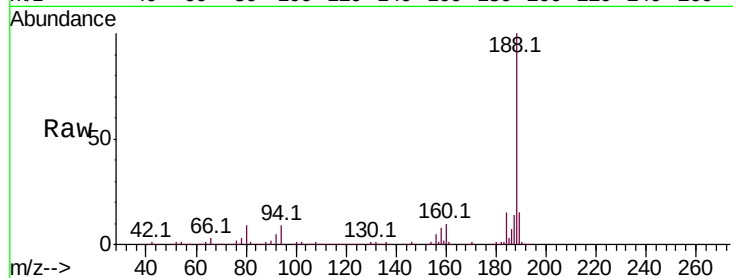




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

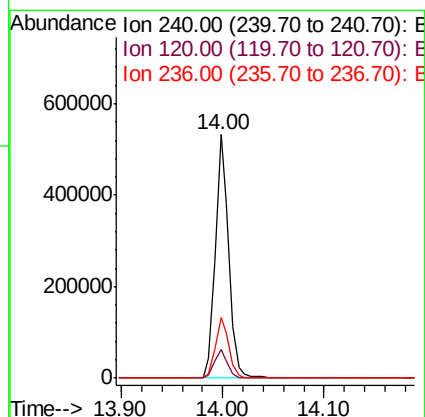
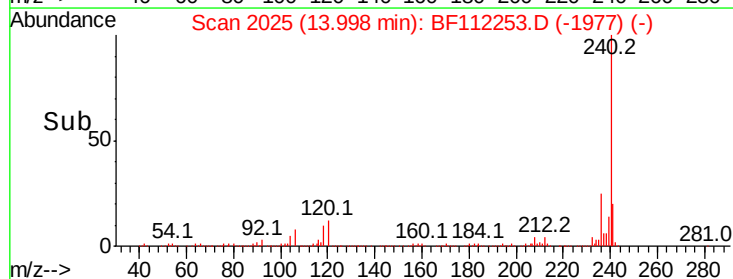
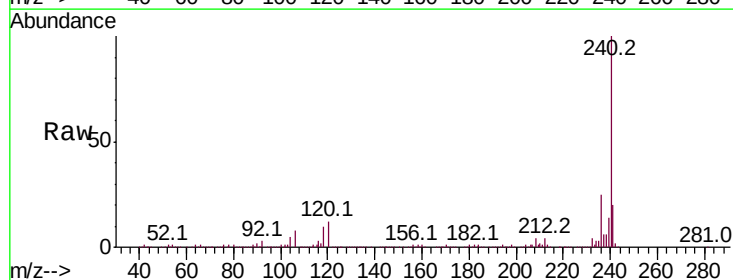
Instrument :
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ClientSampleId :
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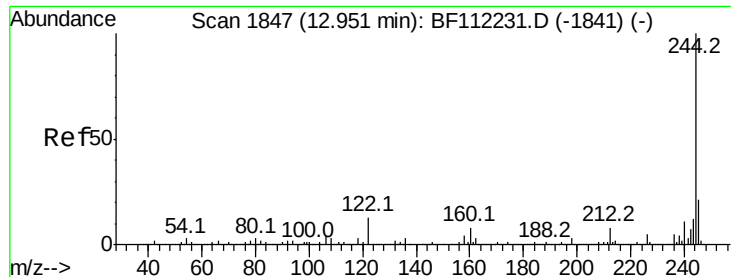
Tot Ion:188 Resp: 844374
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:240 Resp: 486446
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 24.8 20.7 31.1





#79

Terphenyl-d14

Concen: 94.291 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112253.D

Acq: 26 Jan 2019 1:03

Instrument :

BNA_F

ClientSampleId :

TR-05-RO-1-012319

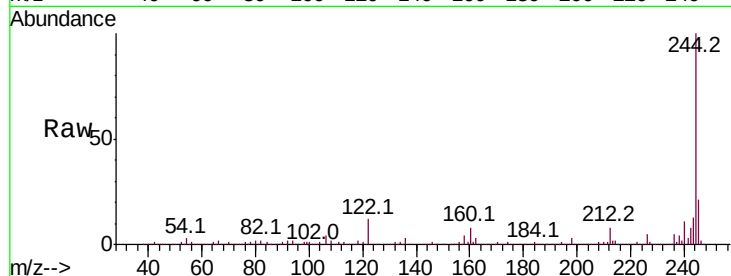
Tot Ion:244 Resp: 2435309

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

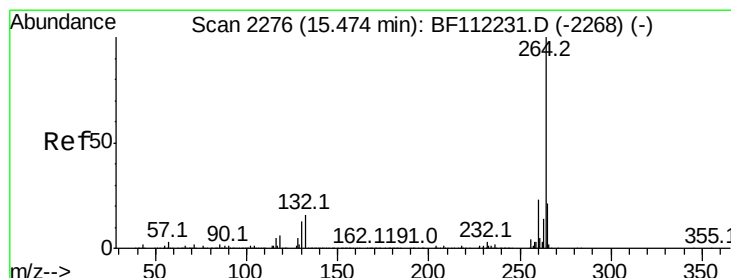
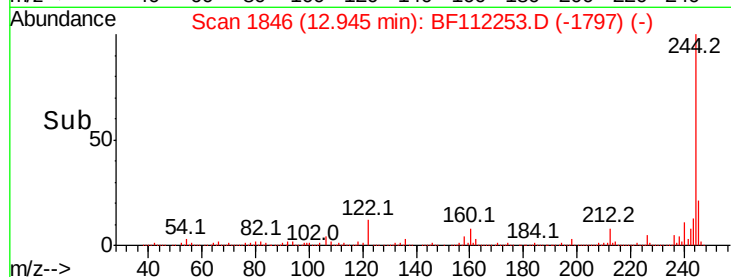
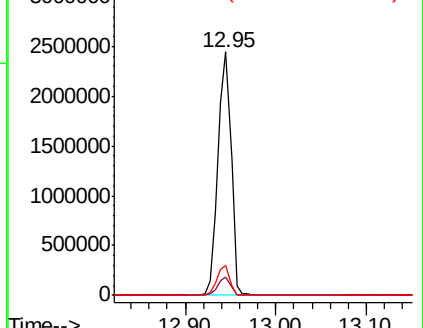
122 12.3 9.8 14.6



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112253.D

Acq: 26 Jan 2019 1:03

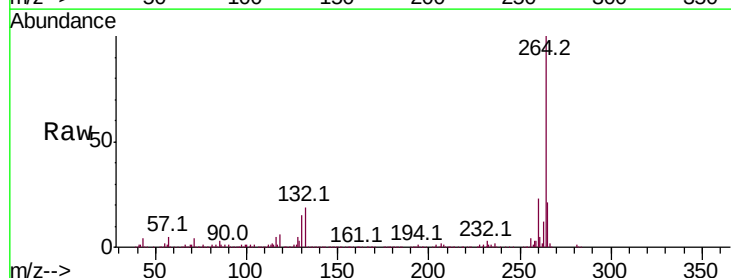
Tgt Ion:264 Resp: 487897

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 21.0 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

