

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112248.D
 Acq On : 25 Jan 2019 22:45
 Operator : JU/SJ
 Sample : K1003-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319

Quant Time: Jan 28 00:41:03 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	190703	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	735677	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	353438	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	623085	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	359200	20.00	ng	-0.02
87) Perylene-d12	15.46	264	370015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1238685	137.97	ng	0.01
7) Phenol-d6	6.49	99	1416766	113.56	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1098697	86.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	499064	121.31	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2145045	85.84	ng	-0.01
79) Terphenyl-d14	12.94	244	1820034	95.43	ng	-0.01

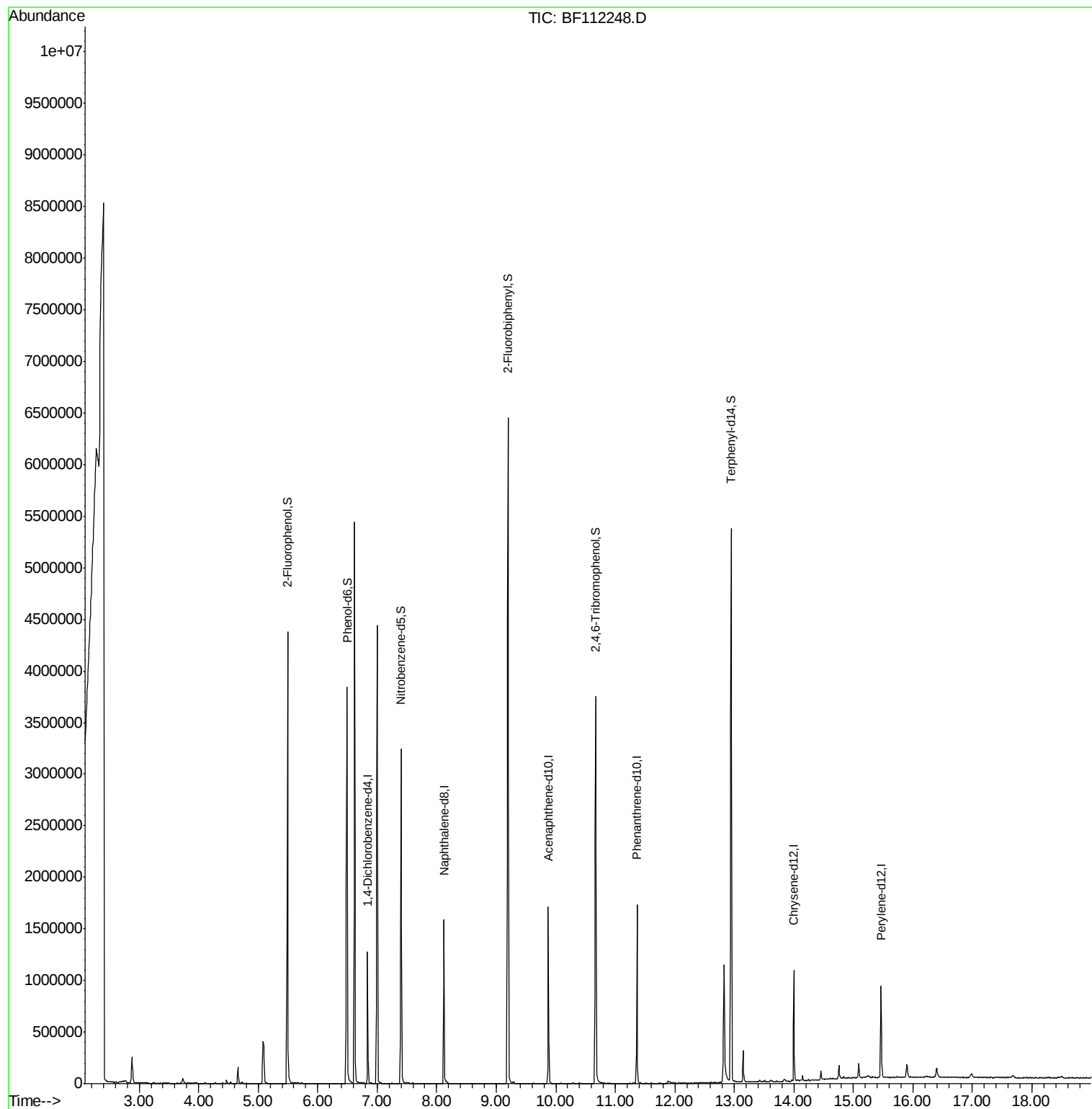
Target Compounds Qvalue

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

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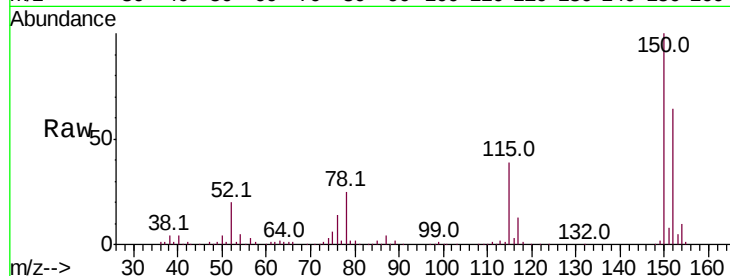


#1

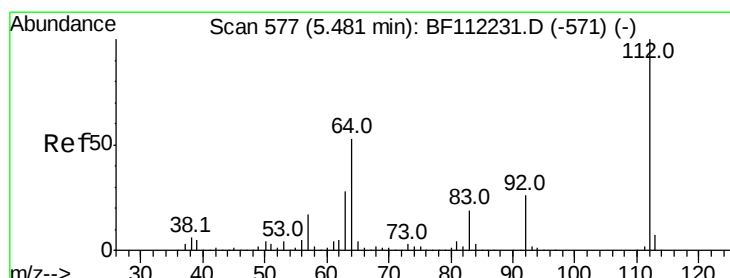
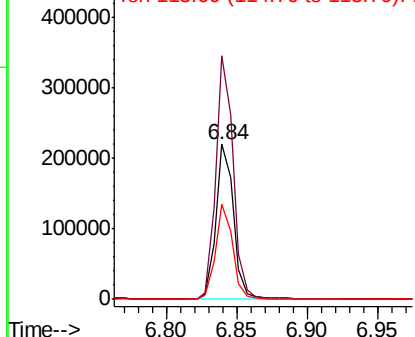
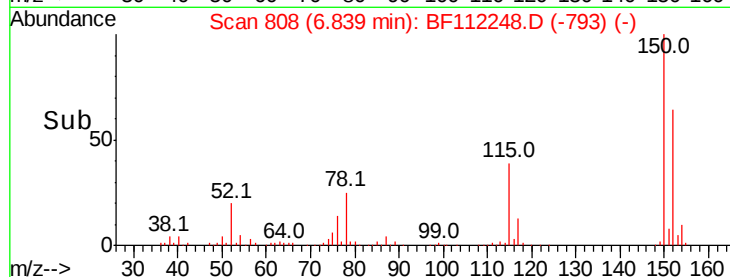
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112248.D
 Acq: 25 Jan 2019 22:45

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319

Tot Ion:152 Resp: 190703
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.4 191.0
 115 61.5 45.5 68.3



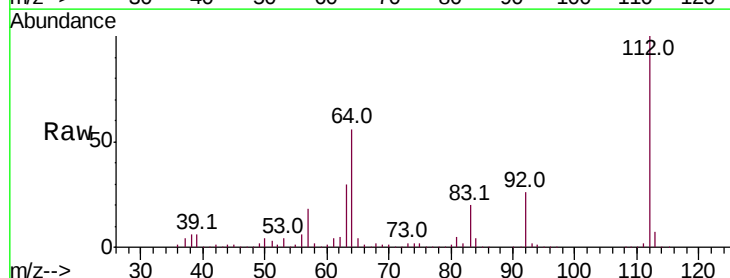
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



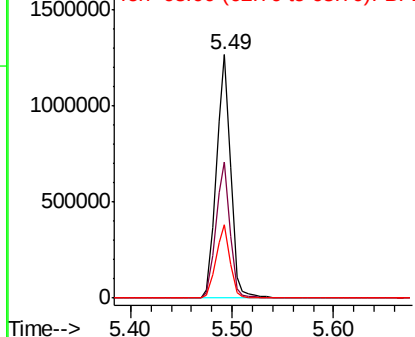
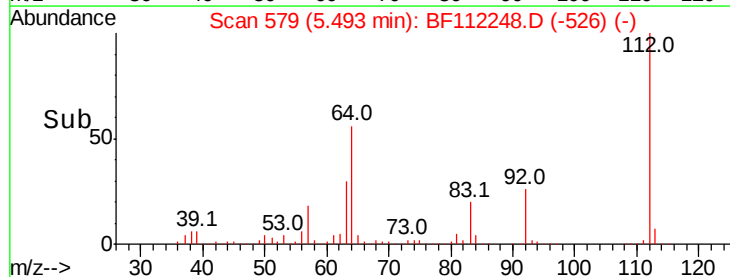
#5

2-Fluorophenol
 Concen: 137.966 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF112248.D
 Acq: 25 Jan 2019 22:45

Tgt Ion:112 Resp: 1238685
 Ion Ratio Lower Upper
 112 100
 64 56.1 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: 113.562 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112248.D

Acq: 25 Jan 2019 22:45

Instrument :

BNA_F

ClientSampleId :

BU-02-012319

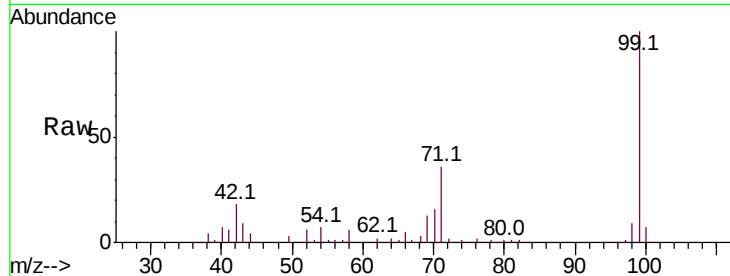
Tot Ion: 99 Resp: 1416766

Ion Ratio Lower Upper

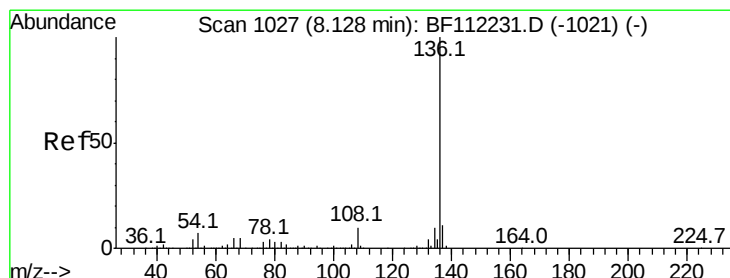
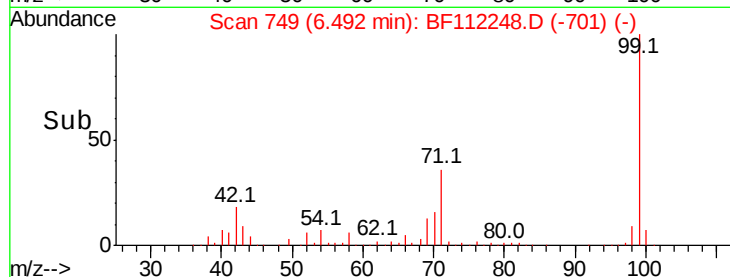
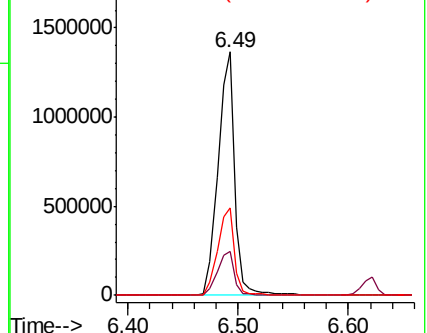
99 100

42 18.2 15.1 22.7

71 36.0 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: BF112248.D

Acq: 25 Jan 2019 22:45

Tgt Ion:136 Resp: 735677

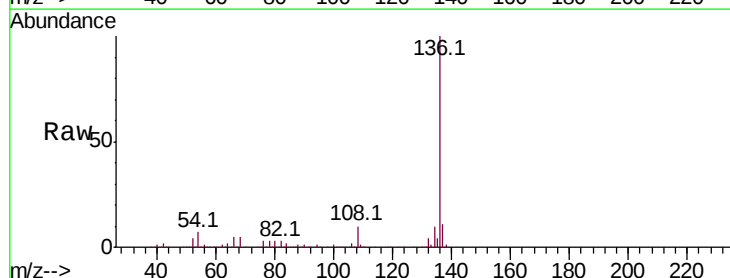
Ion Ratio Lower Upper

136 100

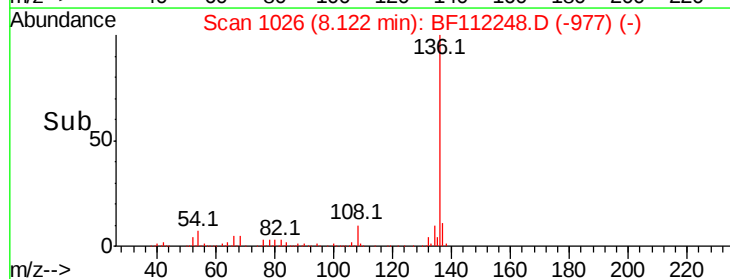
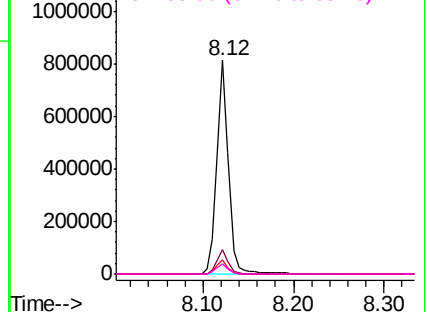
137 11.2 9.1 13.7

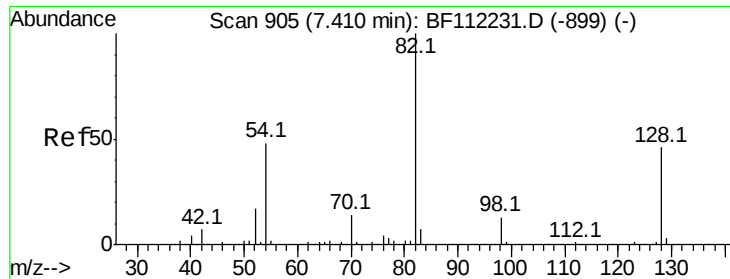
54 6.5 5.9 8.9

68 4.8 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

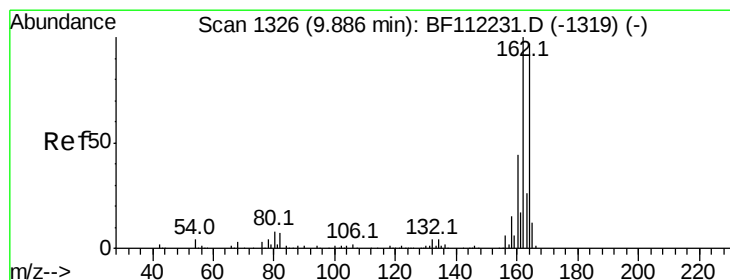
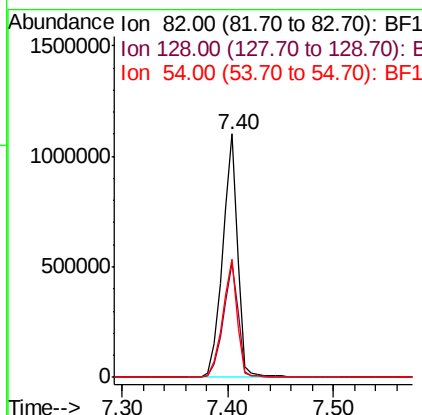
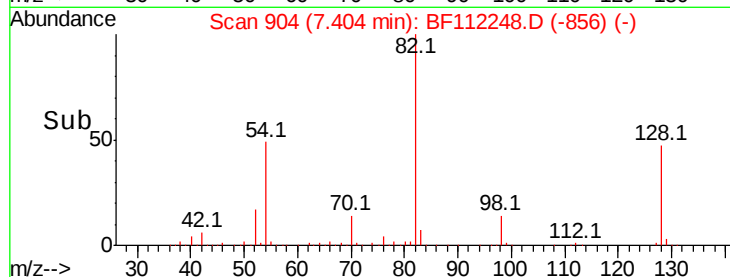
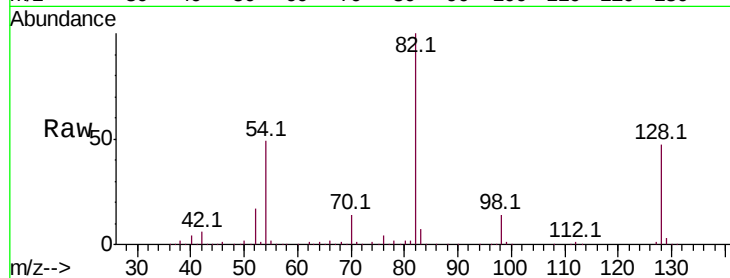




#23
Nitrobenzene-d5
Concen: 86.052 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112248.D
Acq: 25 Jan 2019 22:45

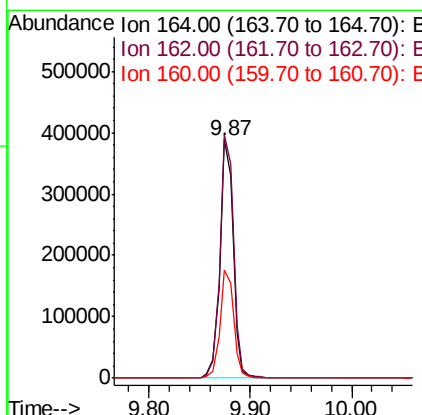
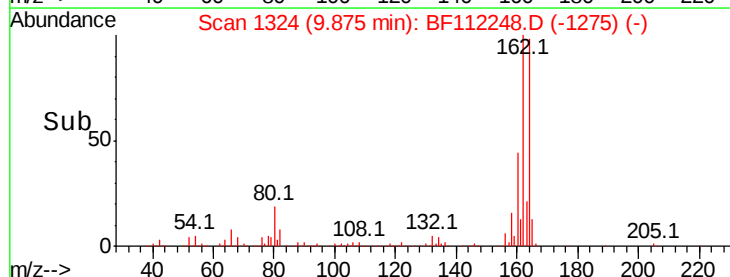
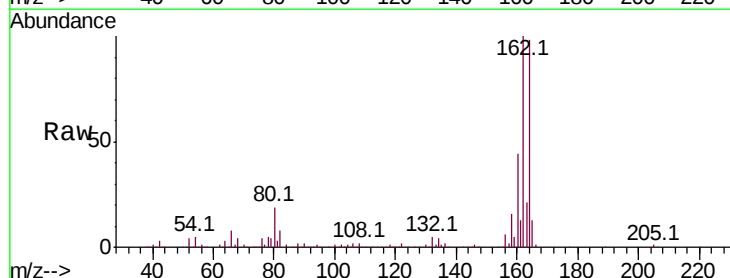
Instrument :
BNA_F
ClientSampleId :
BU-02-012319

Tot Ion: 82 Resp: 1098697
Ion Ratio Lower Upper
82 100
128 47.1 37.8 56.8
54 48.6 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: BF112248.D
Acq: 25 Jan 2019 22:45

Tgt Ion:164 Resp: 353438
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.4
160 45.4 36.2 54.4

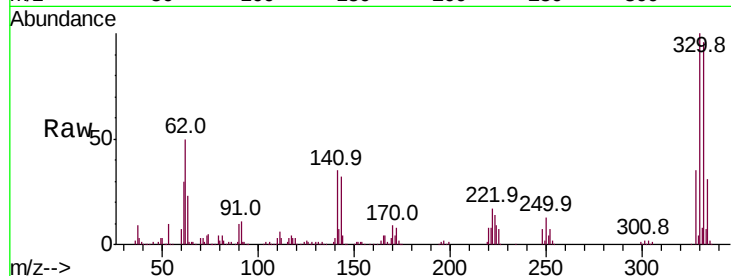




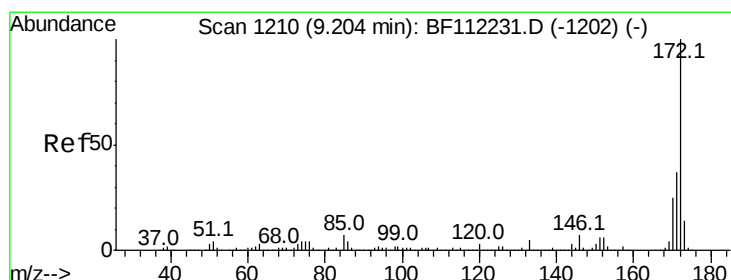
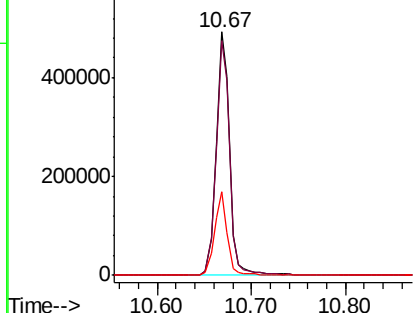
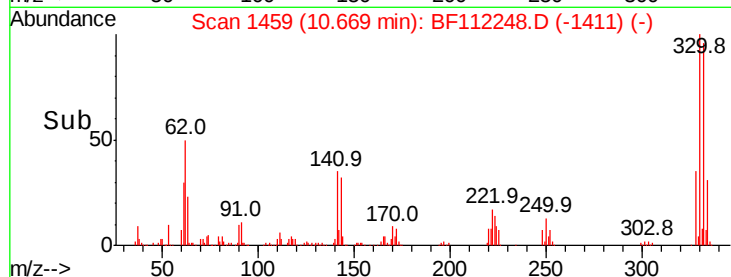
#42
 2,4,6-Tribromophenol
 Concen: 121.311 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF112248.D
 Acq: 25 Jan 2019 22:45

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	32.5	24.3	36.5

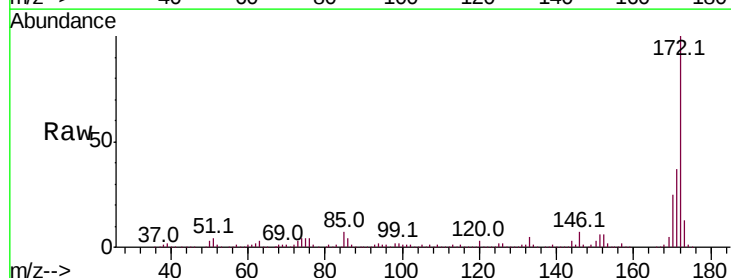


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

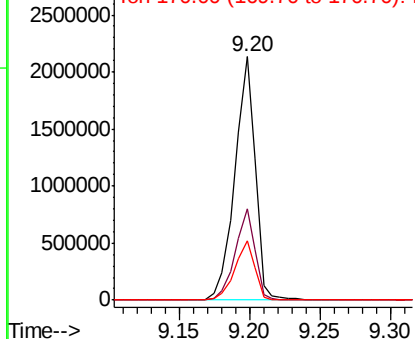
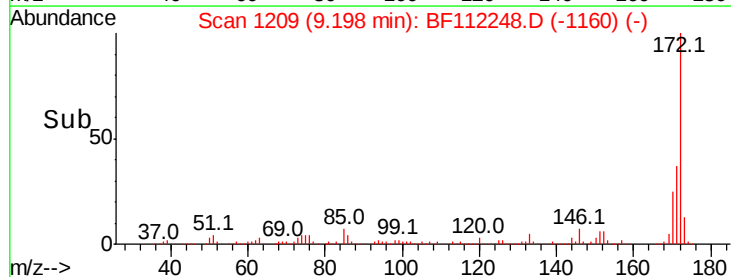


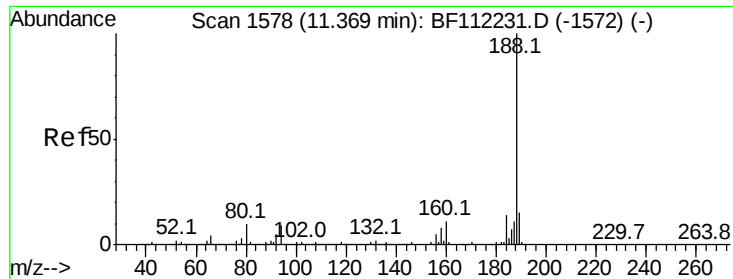
#45
 2-Fluorobiphenyl
 Concen: 85.837 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112248.D
 Acq: 25 Jan 2019 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.5	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

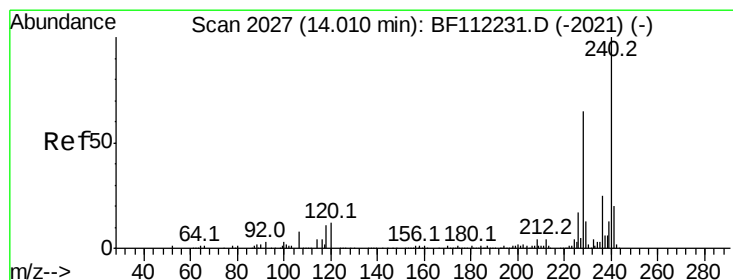
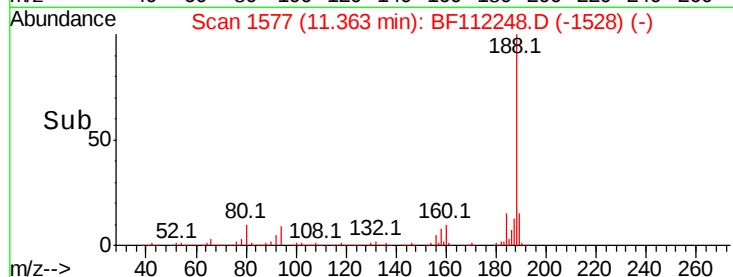
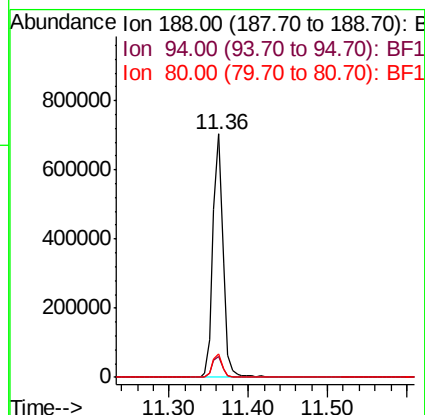
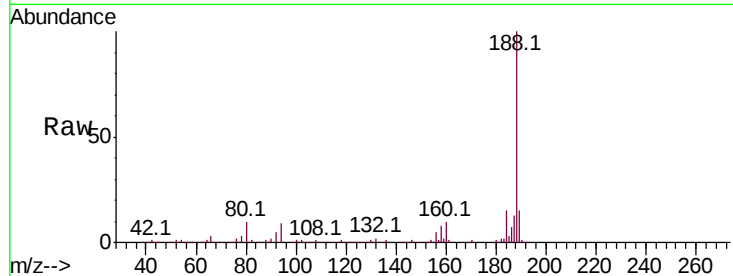




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112248.D
Acq: 25 Jan 2019 22:45

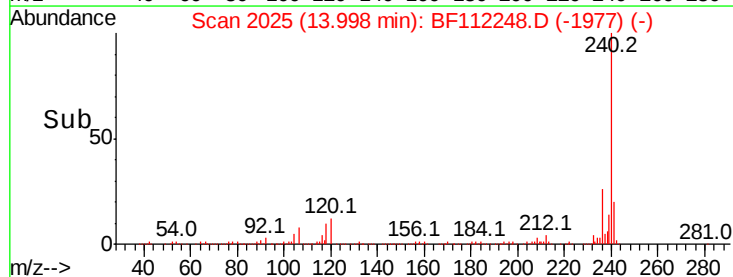
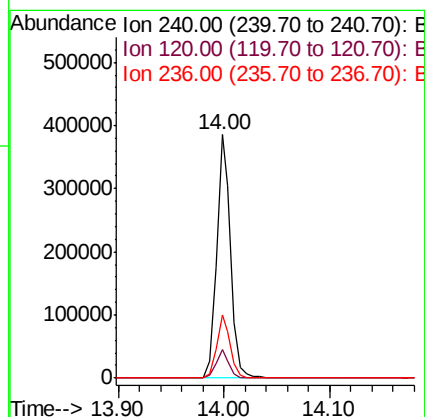
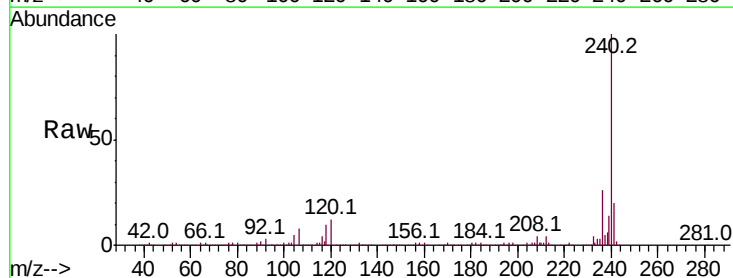
Instrument :
BNA_F
ClientSampleId :
BU-02-012319

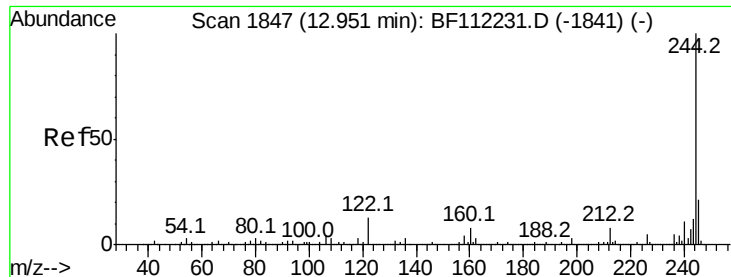
Tot Ion:188 Resp: 623085
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112248.D
Acq: 25 Jan 2019 22:45

Tgt Ion:240 Resp: 359200
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 26.1 20.7 31.1

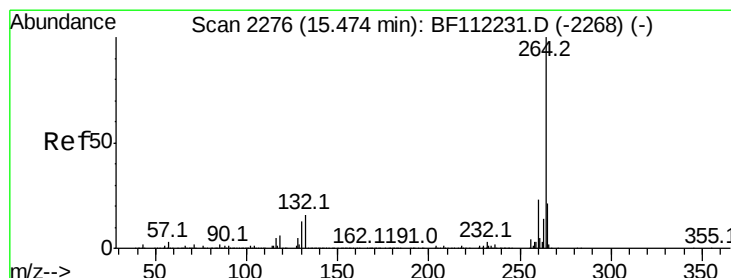
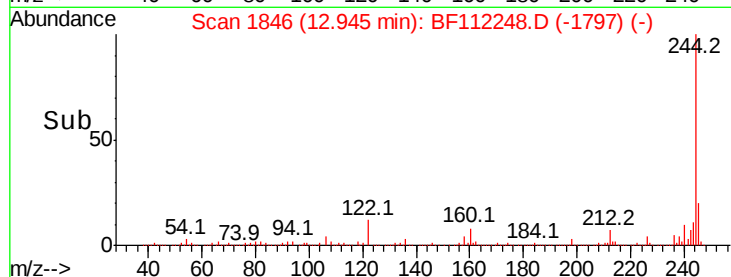
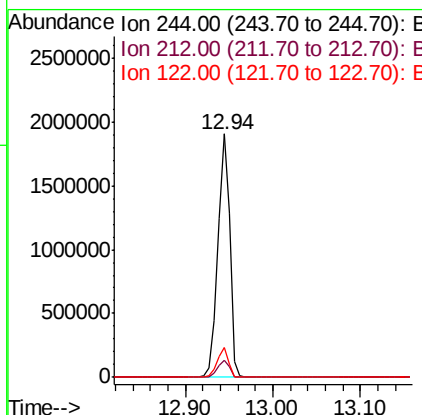
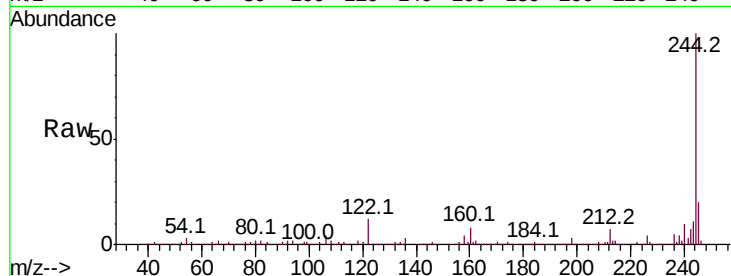




#79
 Terphenyl-d14
 Concen: 95.432 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112248.D
 Acq: 25 Jan 2019 22:45

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319

Tot Ion:244 Resp: 1820034
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 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: BF112248.D
 Acq: 25 Jan 2019 22:45

Tgt Ion:264 Resp: 370015
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.7 17.0 25.4

