

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112406.D
 Acq On : 5 Feb 2019 19:59
 Operator : JU/SJ
 Sample : K1341-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 05 23:00:35 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	162515	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	594252	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	260404	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	421037	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	305296	20.00	ng	-0.01
87) Perylene-d12	15.47	264	245549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1090546	142.53	ng	0.00
7) Phenol-d6	6.49	99	1200942	112.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	907092	87.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	365397	120.55	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1740585	94.54	ng	-0.01
79) Terphenyl-d14	12.94	244	1453100	89.65	ng	-0.01

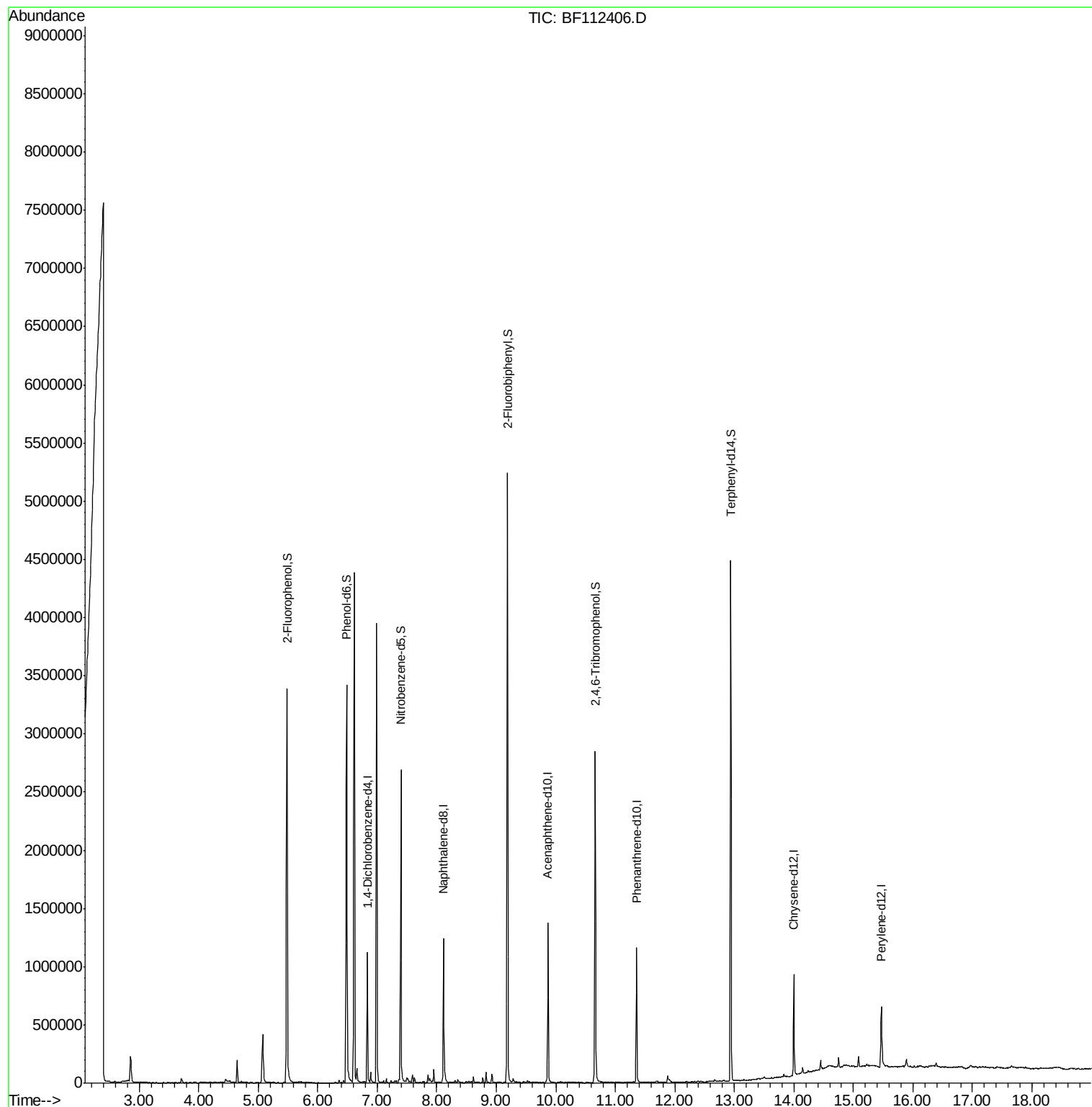
Target Compounds Qvalue

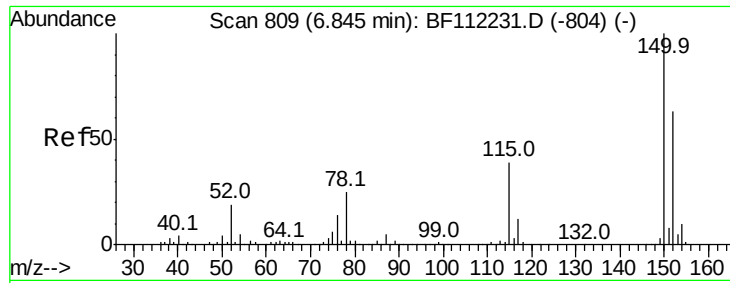
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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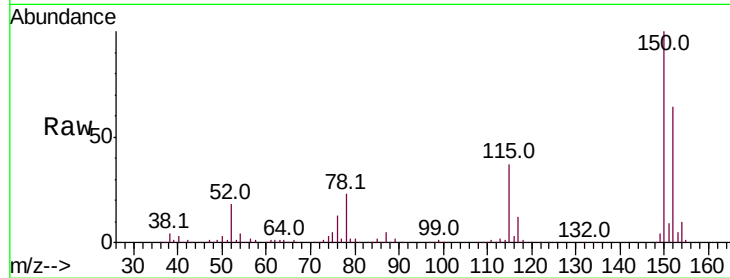


#1

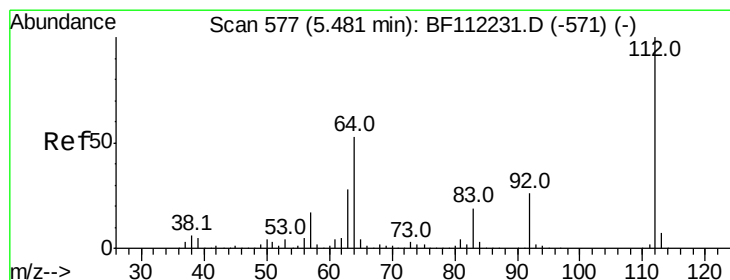
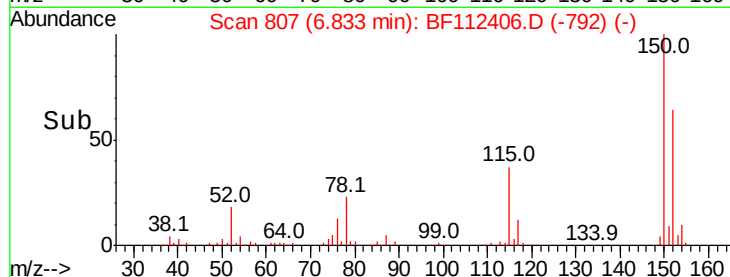
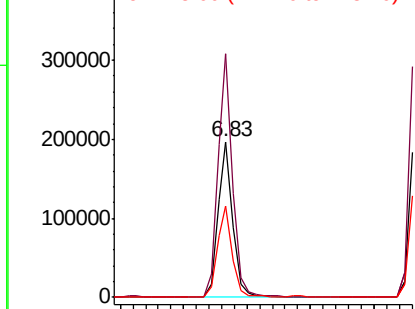
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112406.D
Acq: 5 Feb 2019 19:59

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

Tot Ion:152 Resp: 162515
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.0
115 58.5 45.5 68.3



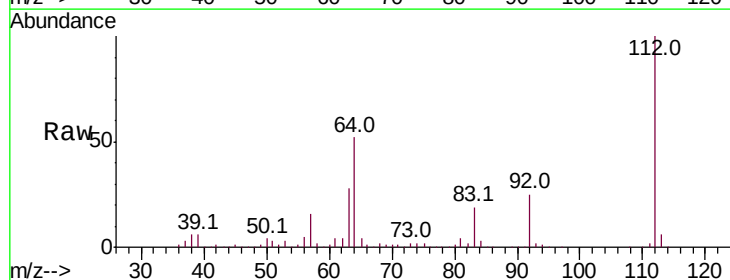
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



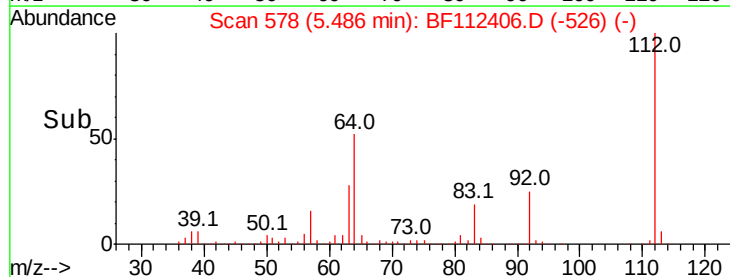
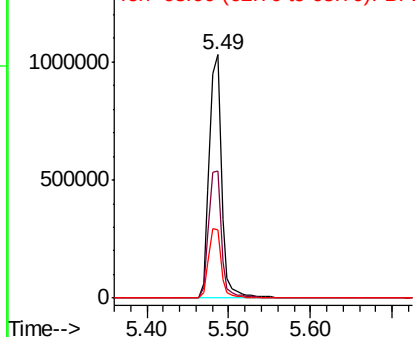
#5

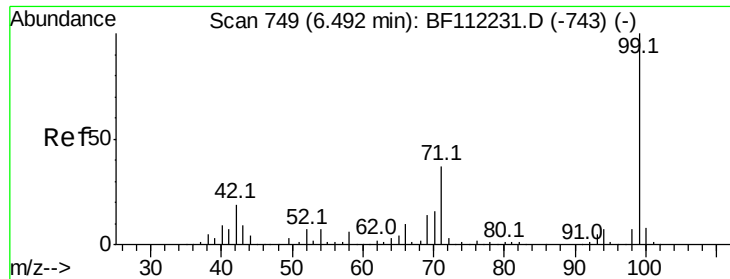
2-Fluorophenol
Concen: 142.534 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112406.D
Acq: 5 Feb 2019 19:59

Tgt Ion:112 Resp: 1090546
Ion Ratio Lower Upper
112 100
64 52.2 45.7 68.5
63 27.8 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: 112.959 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112406.D

Acq: 5 Feb 2019 19:59

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-C

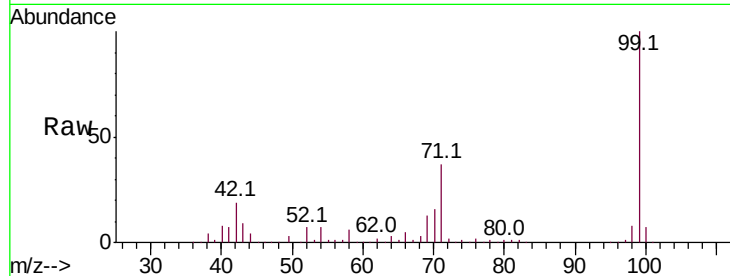
Tot Ion: 99 Resp: 1200942

Ion Ratio Lower Upper

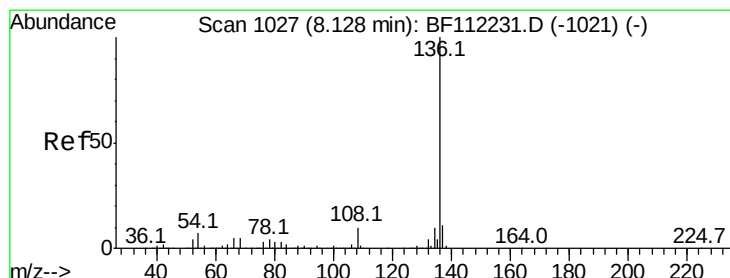
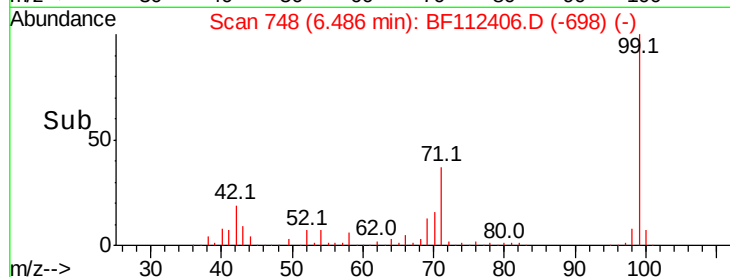
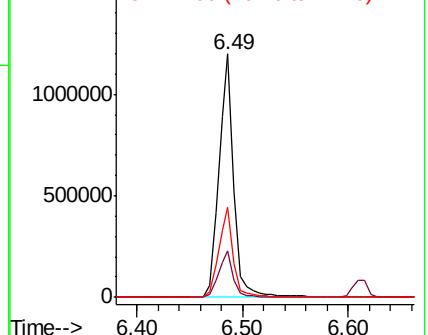
99 100

42 19.1 15.1 22.7

71 36.8 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: BF112406.D

Acq: 5 Feb 2019 19:59

Tgt Ion: 136 Resp: 594252

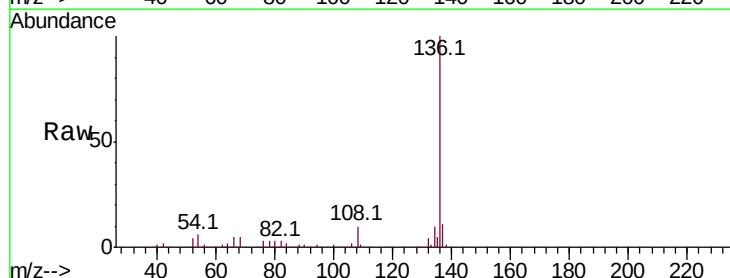
Ion Ratio Lower Upper

136 100

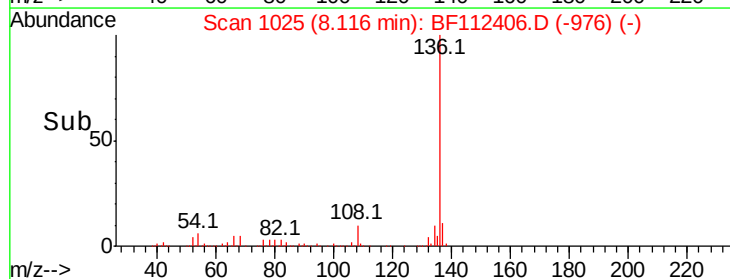
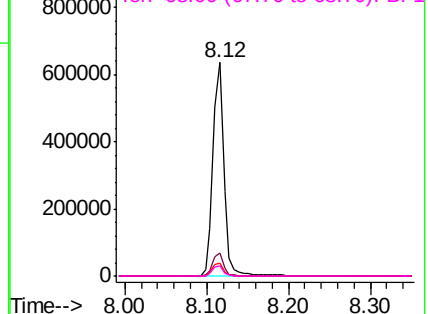
137 10.9 9.1 13.7

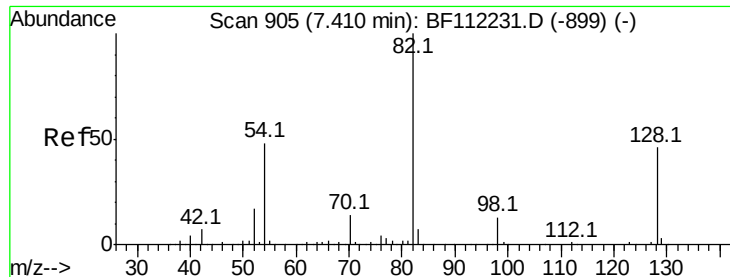
54 5.8 5.9 8.9#

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

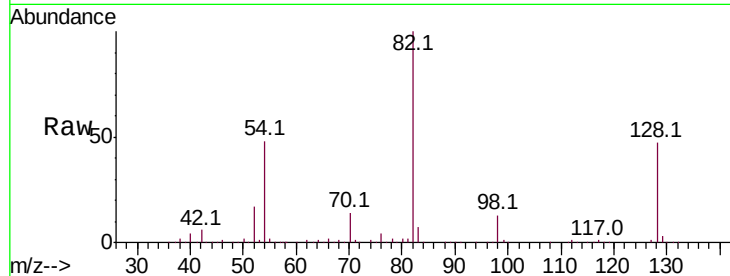




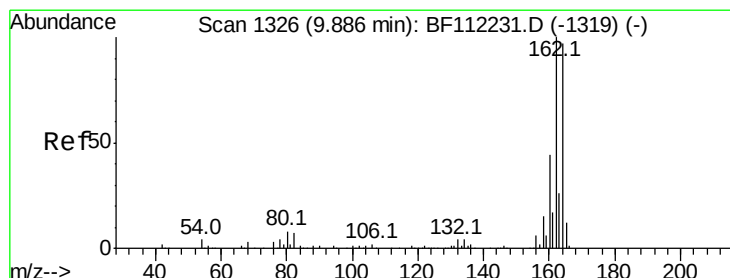
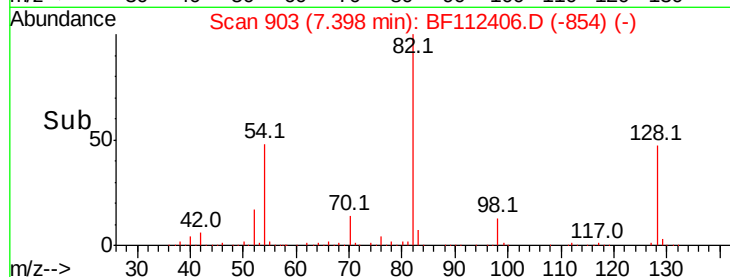
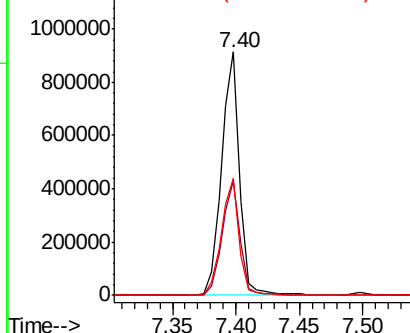
#23
Nitrobenzene-d5
Concen: 87.953 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112406.D
Acq: 5 Feb 2019 19:59

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

Tot Ion: 82 Resp: 907092
Ion Ratio Lower Upper
82 100
128 46.8 37.8 56.8
54 47.8 39.7 59.5

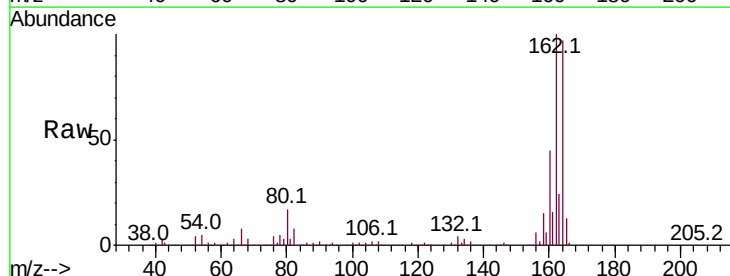


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

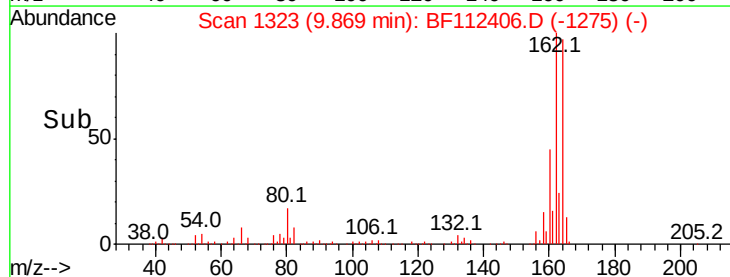
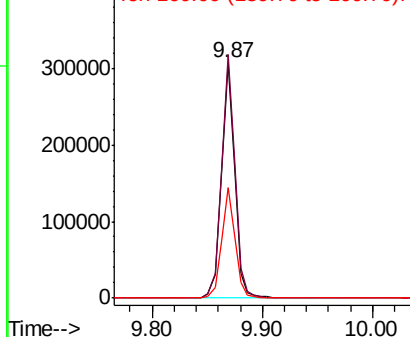


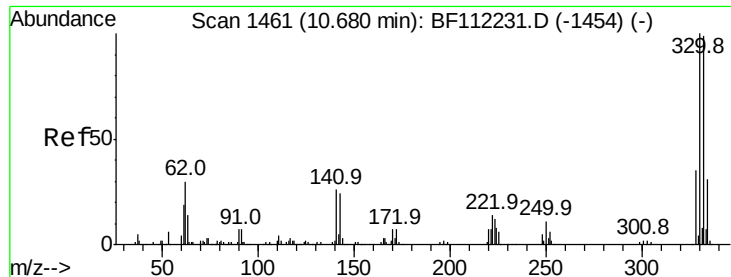
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112406.D
Acq: 5 Feb 2019 19:59

Tgt Ion:164 Resp: 260404
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.4
160 46.9 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

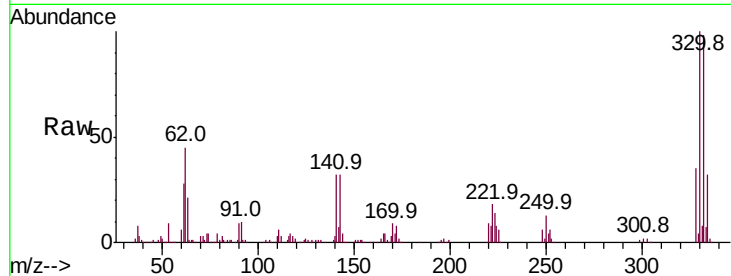




#42
 2,4,6-Tribromophenol
 Concen: 120.552 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112406.D
 Acq: 5 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	32.1	24.3	36.5

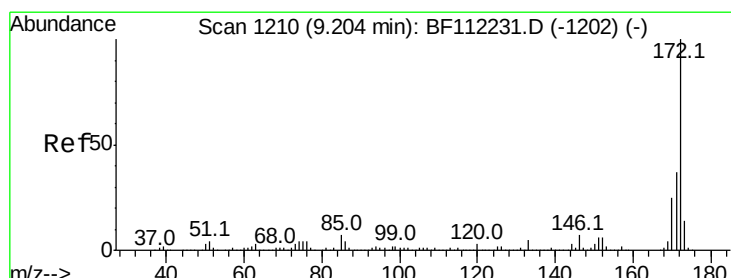
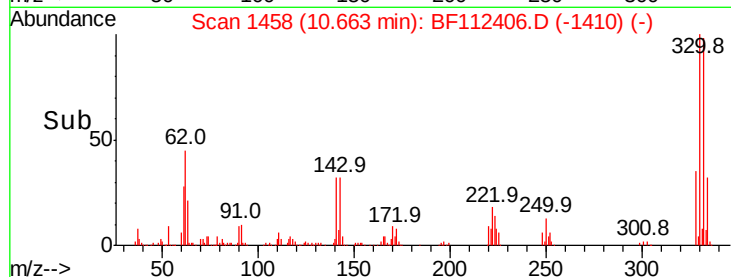
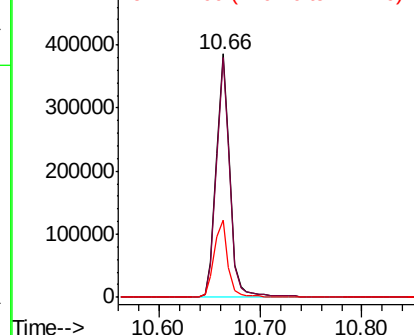


Abundance

Ion 329.80 (329.50 to 330.50): E

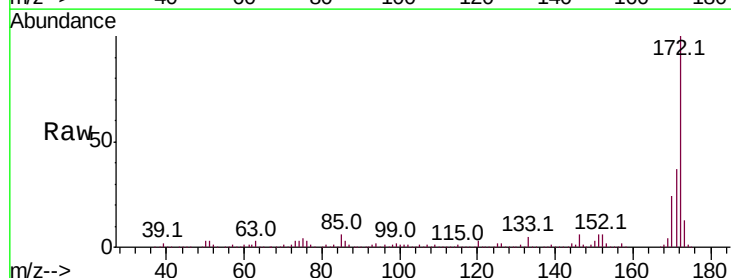
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.537 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112406.D
 Acq: 5 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.4	20.2	30.4

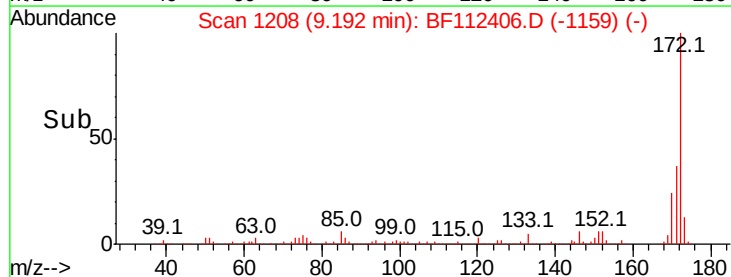
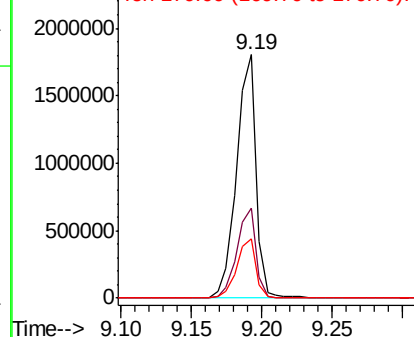


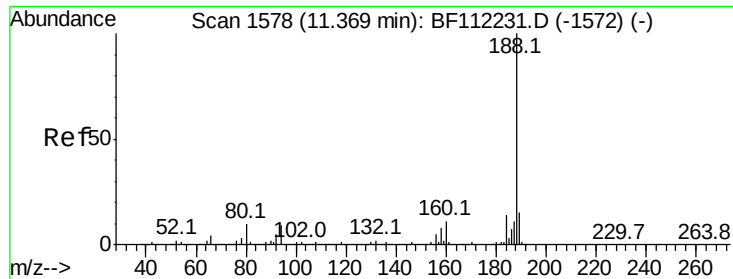
Abundance

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

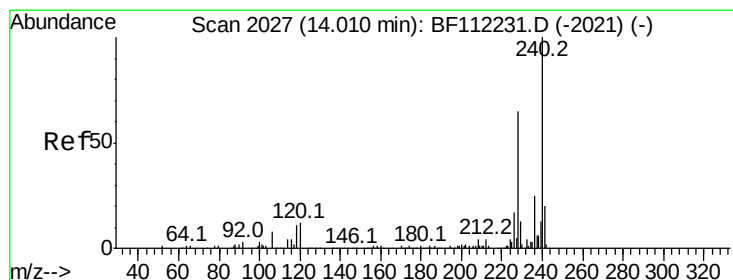
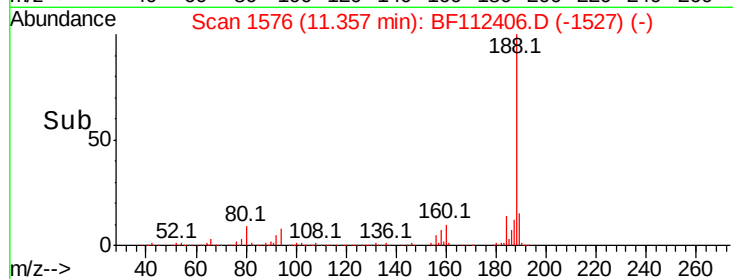
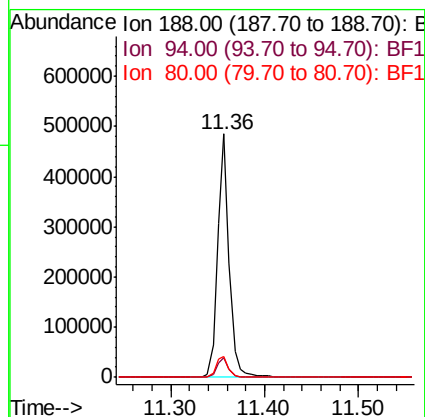
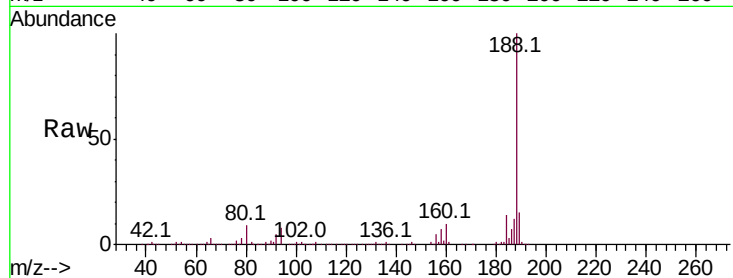




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112406.D
Acq: 5 Feb 2019 19:59

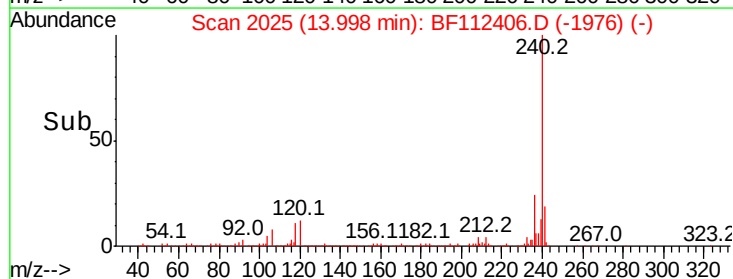
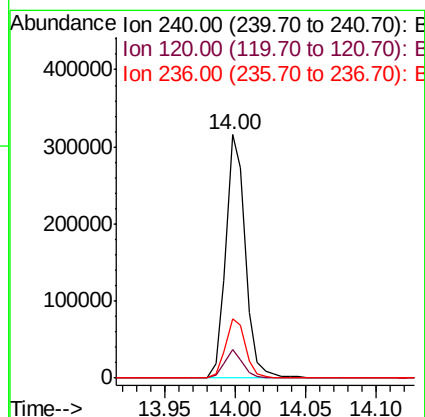
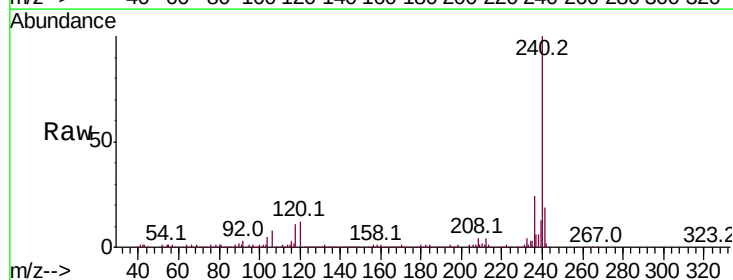
Instrument :
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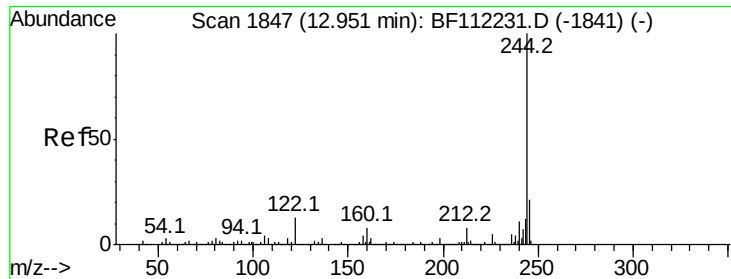
Tot Ion:188 Resp: 421037
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112406.D
Acq: 5 Feb 2019 19:59

Tgt Ion:240 Resp: 305296
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 24.2 20.7 31.1



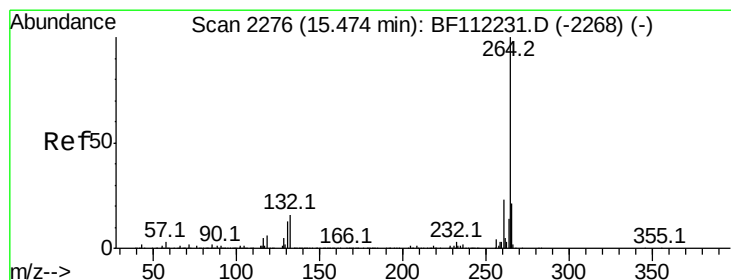
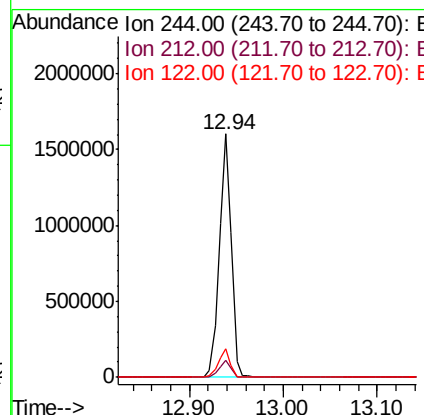
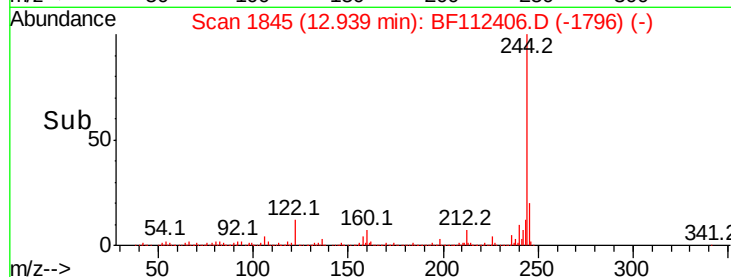
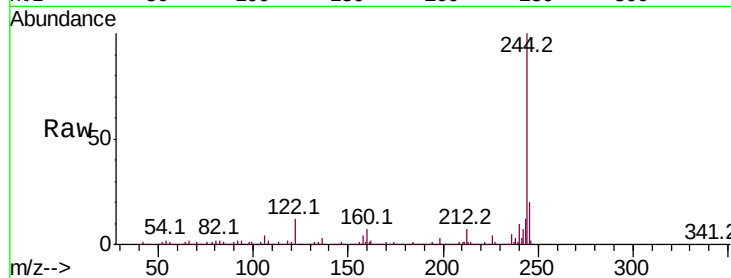


#79
 Terphenyl-d14
 Concen: 89.645 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112406.D
 Acq: 5 Feb 2019 19:59

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

Tot Ion:244 Resp: 1453100

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.8	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112406.D
 Acq: 5 Feb 2019 19:59

Tgt Ion:264 Resp: 245549

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	21.1	17.0	25.4

