

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112409.D
 Acq On : 5 Feb 2019 21:22
 Operator : JU/SJ
 Sample : K1341-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 06 00:40:51 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	146530	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	556921	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	259454	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	453089	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	318365	20.00	ng	-0.01
87) Perylene-d12	15.47	264	273806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1002936	145.38	ng	0.00
7) Phenol-d6	6.49	99	1168169	121.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	821425	84.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	387014	128.15	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1669045	90.98	ng	-0.02
79) Terphenyl-d14	12.94	244	1496245	88.52	ng	-0.01

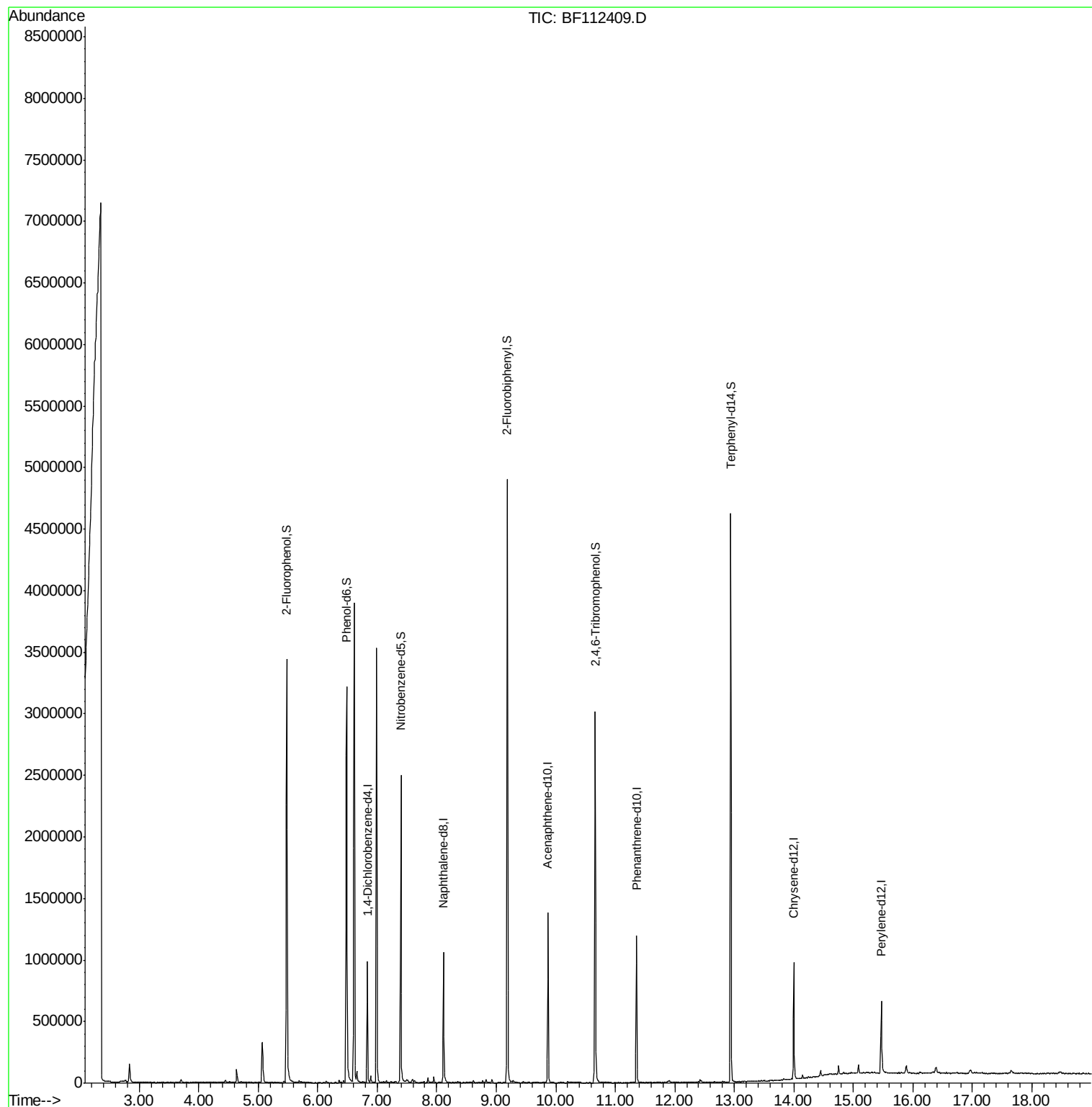
Target Compounds Qvalue

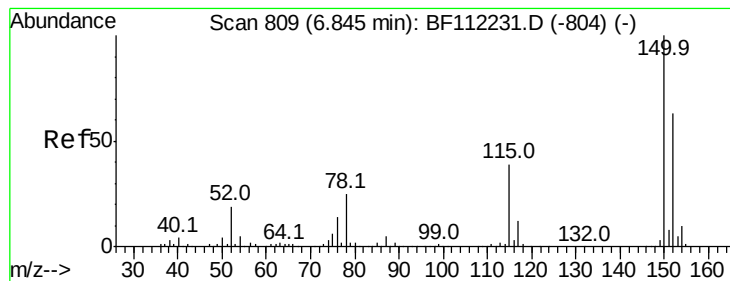
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112409.D
Acq On : 5 Feb 2019 21:22
Operator : JU/SJ
Sample : K1341-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 06 00:40:51 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



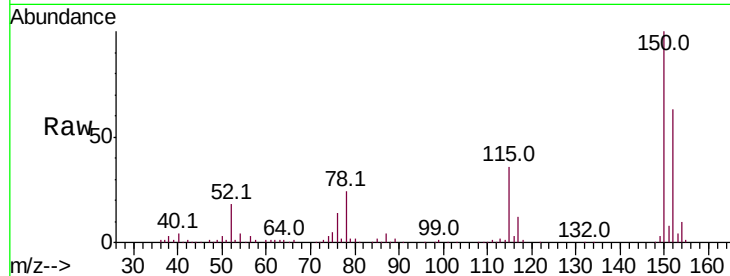


#1

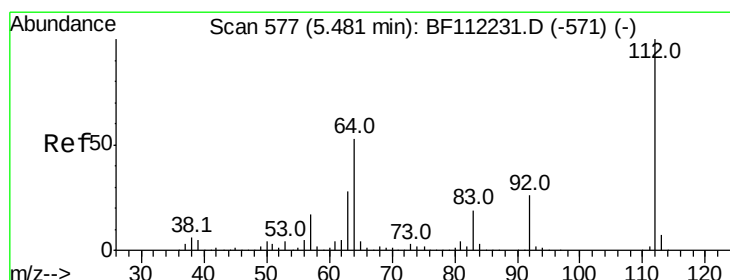
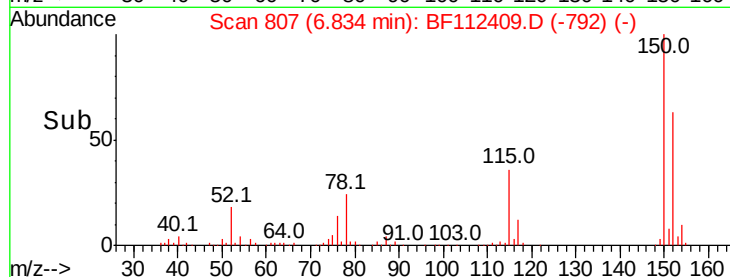
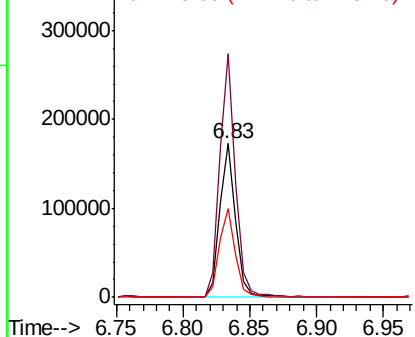
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112409.D
Acq: 5 Feb 2019 21:22

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

Tot Ion:152 Resp: 146530
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 57.7 45.5 68.3



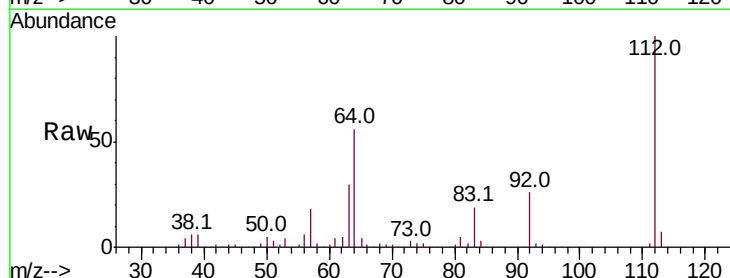
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



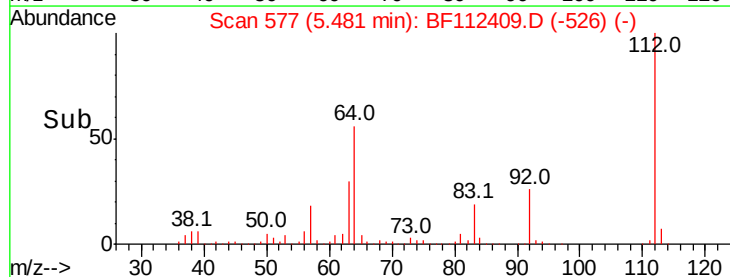
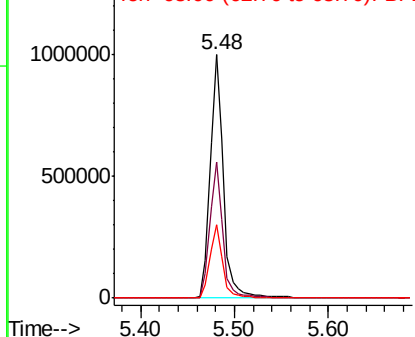
#5

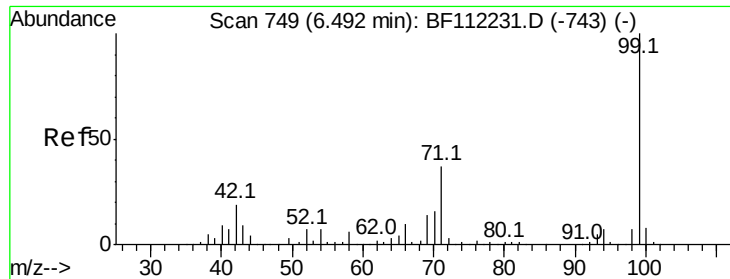
2-Fluorophenol
Concen: 145.383 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112409.D
Acq: 5 Feb 2019 21:22

Tgt Ion:112 Resp: 1002936
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 30.1 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: 121.863 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112409.D

Acq: 5 Feb 2019 21:22

Instrument :

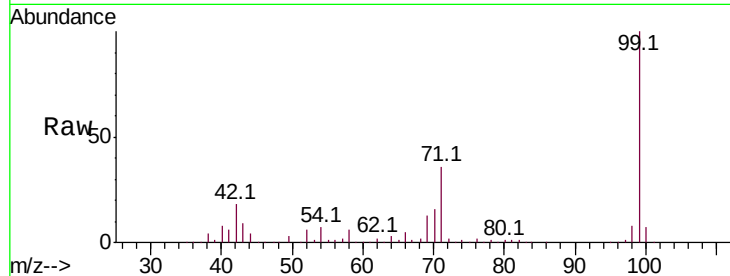
BNA_F

ClientSampleId :

HR-05-020419-A

Tot Ion: 99 Resp: 1168169

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	35.8	26.9	40.3

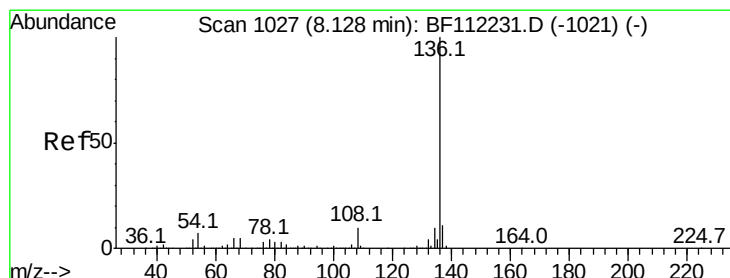
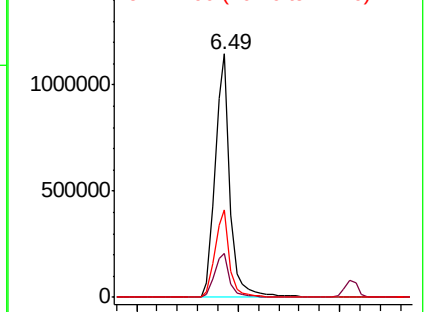
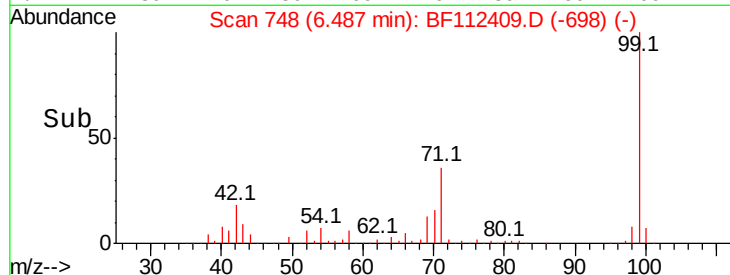


Abundance

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

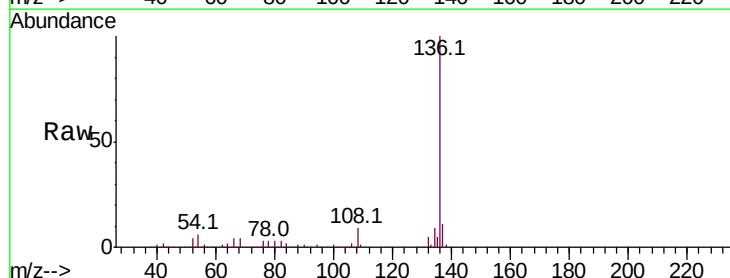
Delta R.T. -0.01 min

Lab File: BF112409.D

Acq: 5 Feb 2019 21:22

Tgt Ion: 136 Resp: 556921

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	5.9	8.9#
68	4.4	5.1	7.7#



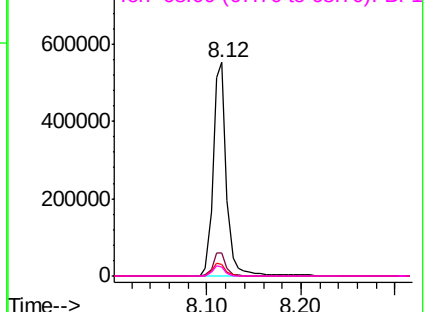
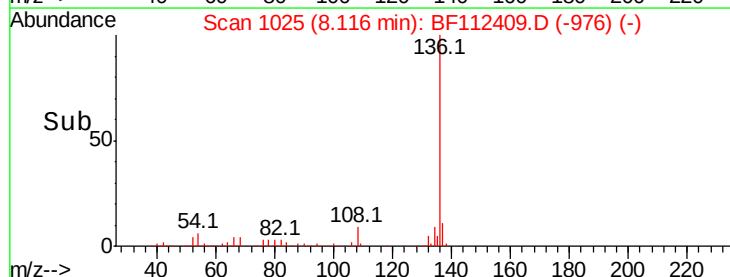
Abundance

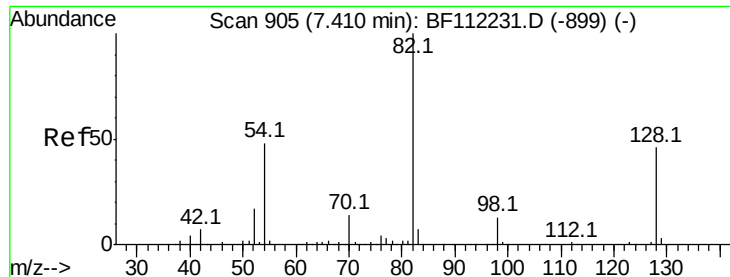
Ion 136.00 (135.70 to 136.70): E

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

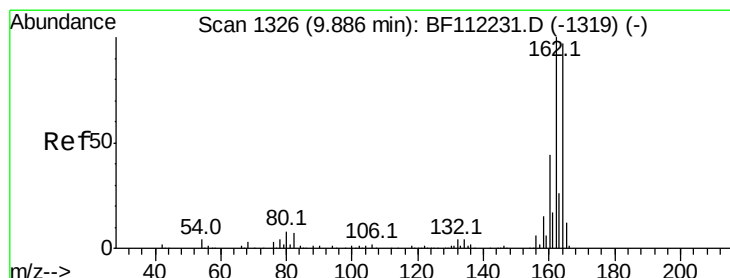
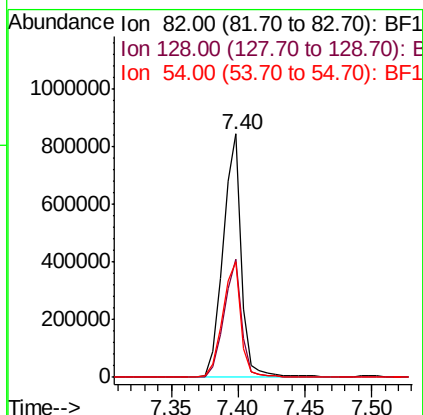
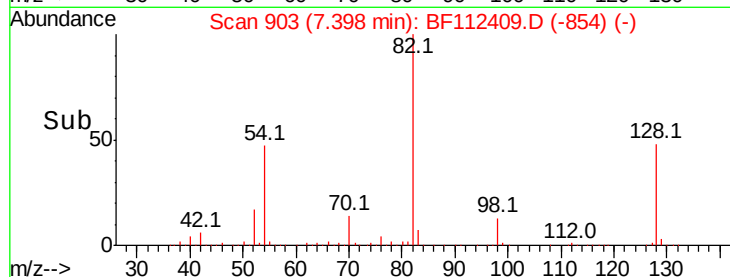
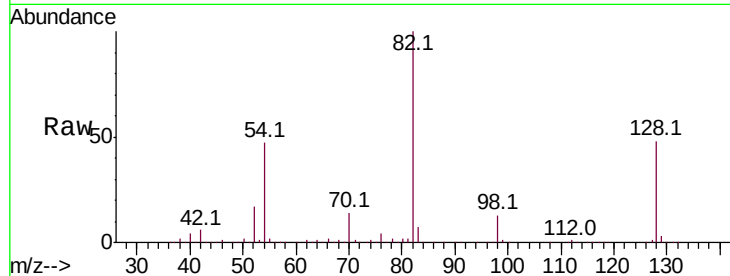




#23
 Nitrobenzene-d5
 Concen: 84.986 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112409.D
 Acq: 5 Feb 2019 21:22

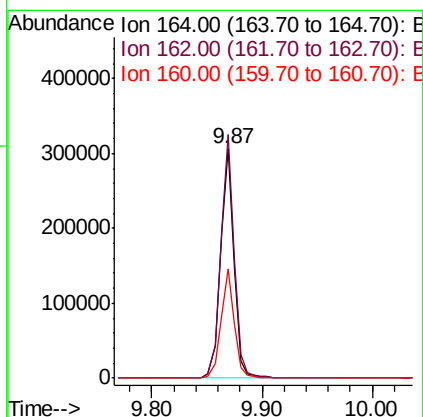
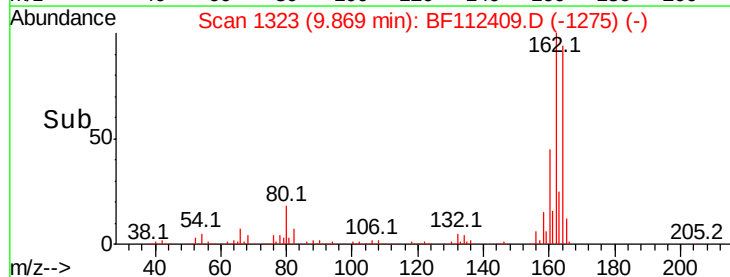
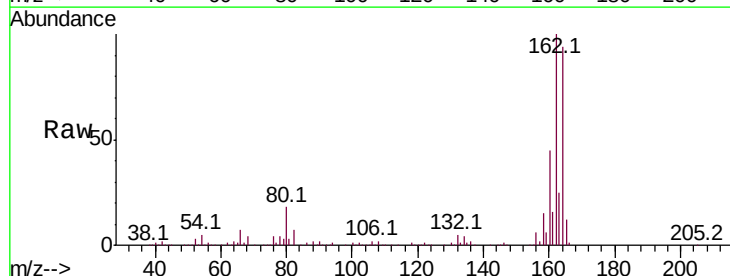
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-A

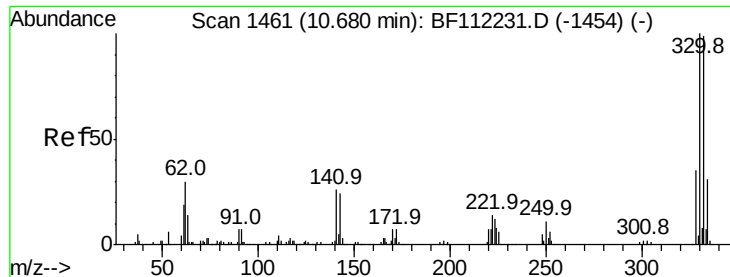
Tot Ion: 82 Resp: 821425
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.8 56.8
 54 47.4 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112409.D
 Acq: 5 Feb 2019 21:22

Tgt Ion:164 Resp: 259454
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.2 123.4
 160 47.5 36.2 54.4

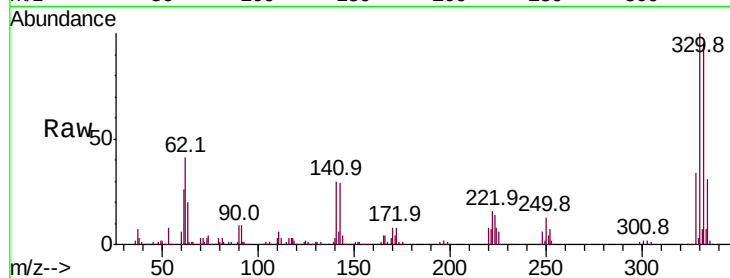




#42
 2,4,6-Tribromophenol
 Concen: 128.151 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112409.D
 Acq: 5 Feb 2019 21:22

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	31.5	24.3	36.5

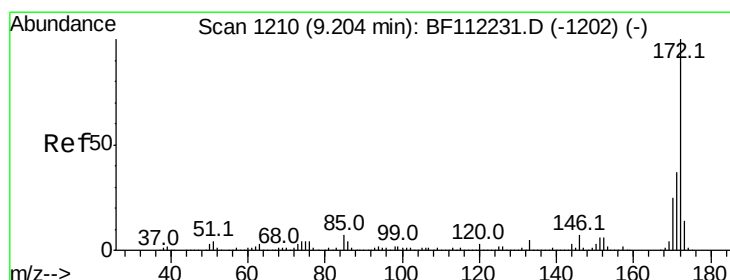
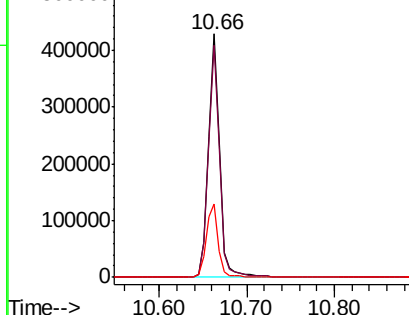
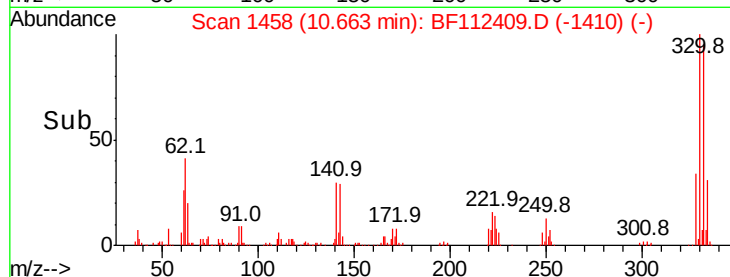


Abundance

Ion 329.80 (329.50 to 330.50): E

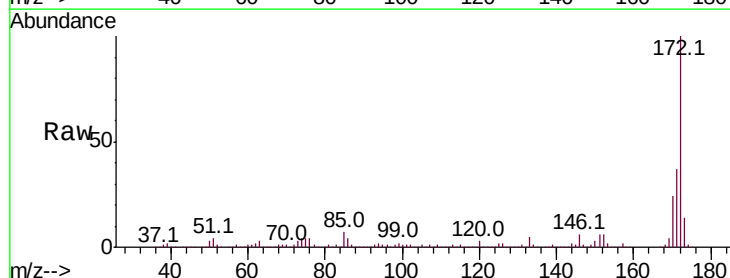
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.983 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112409.D
 Acq: 5 Feb 2019 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.0	20.2	30.4

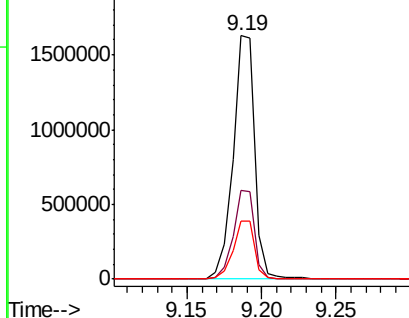
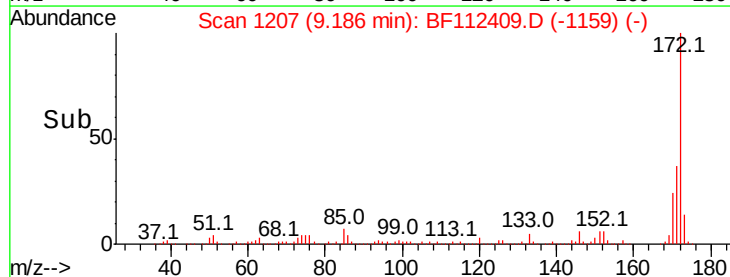


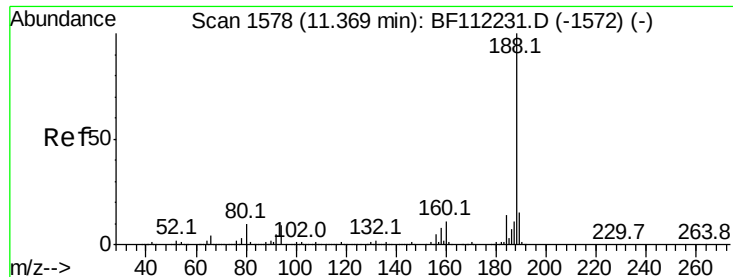
Abundance

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

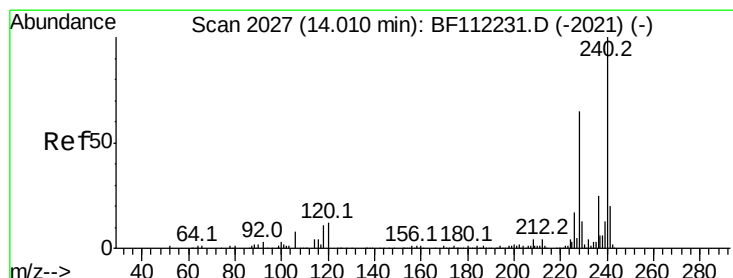
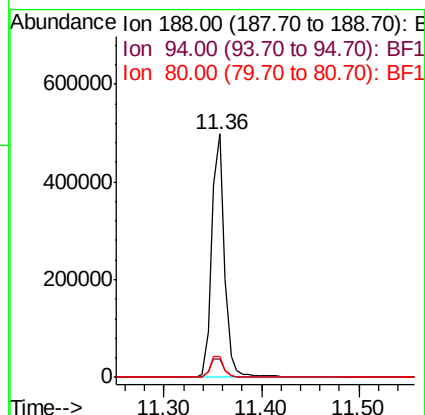
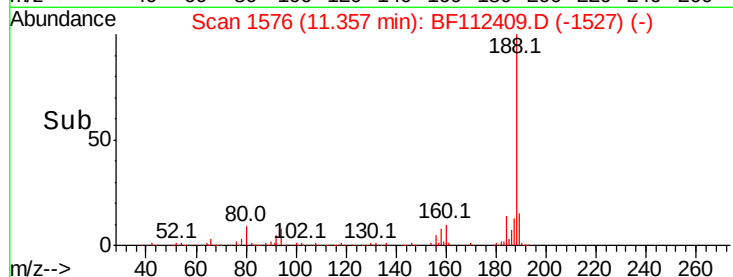
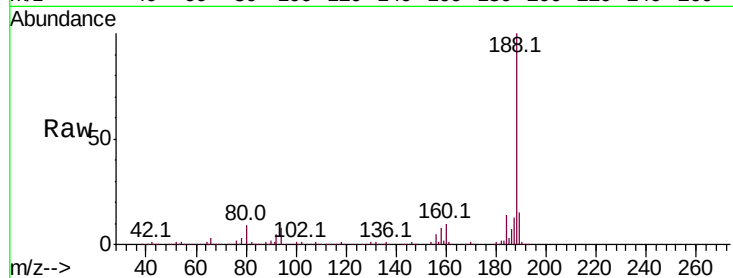




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112409.D
Acq: 5 Feb 2019 21:22

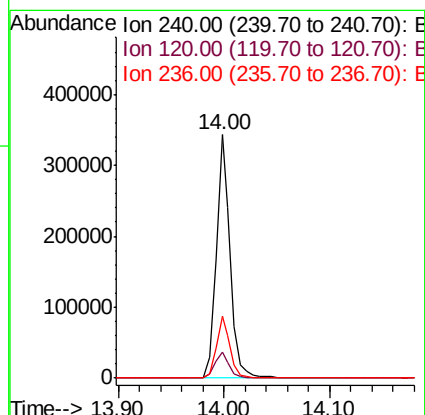
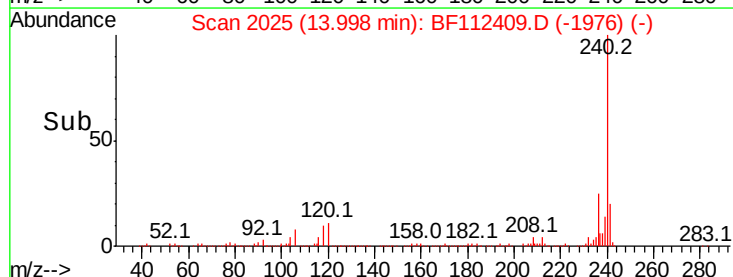
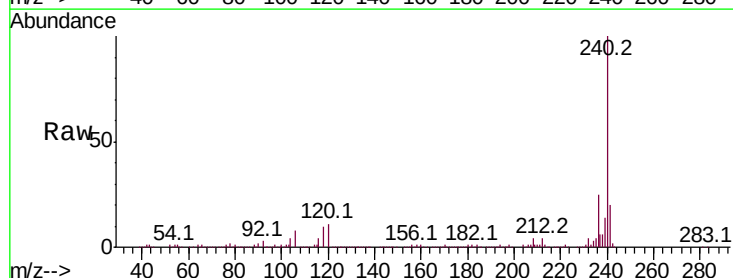
Instrument :
BNA_F
ClientSampleId :
HR-05-020419-A

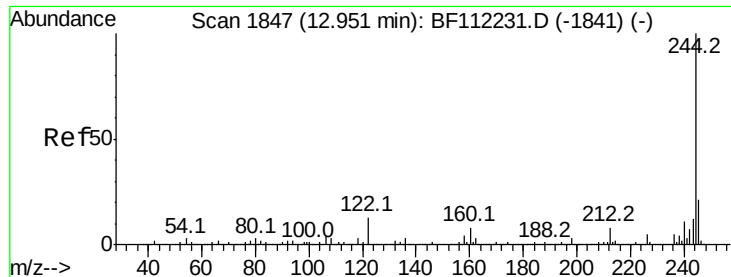
Tot Ion:188 Resp: 453089
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112409.D
Acq: 5 Feb 2019 21:22

Tgt Ion:240 Resp: 318365
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.5 20.7 31.1

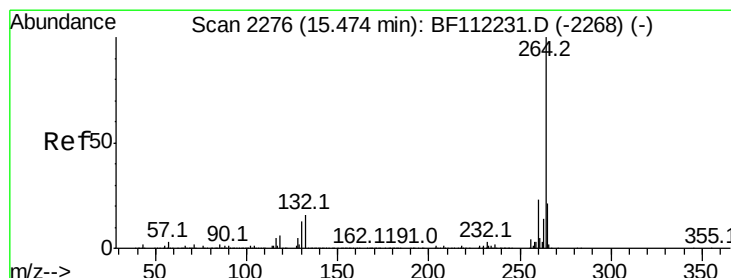
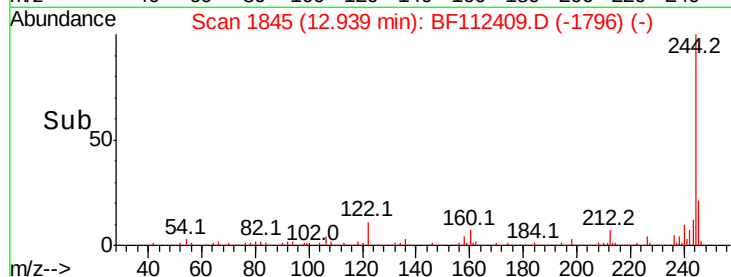
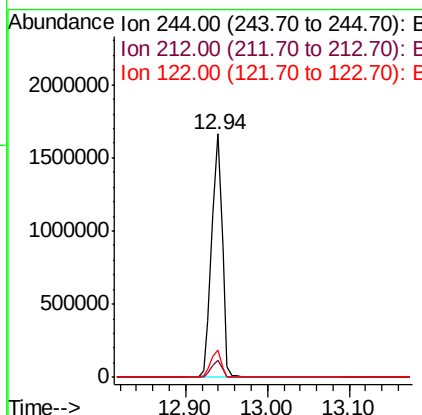
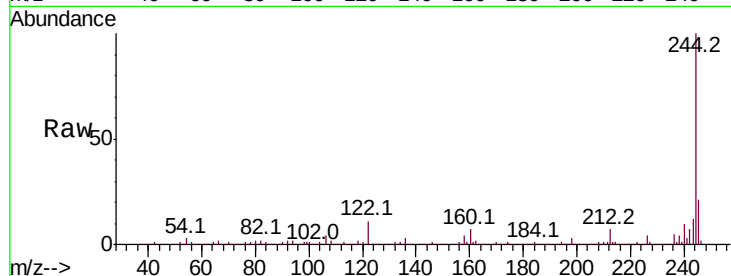




#79
 Terphenyl-d14
 Concen: 88.518 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112409.D
 Acq: 5 Feb 2019 21:22

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

Tot Ion:244 Resp: 1496245
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.2 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: BF112409.D
 Acq: 5 Feb 2019 21:22

Tgt Ion:264 Resp: 273806
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 21.8 17.0 25.4

