

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112589.D
 Acq On : 15 Feb 2019 20:04
 Operator : JU/SJ
 Sample : K1346-11 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-C

Quant Time: Feb 16 00:06:38 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

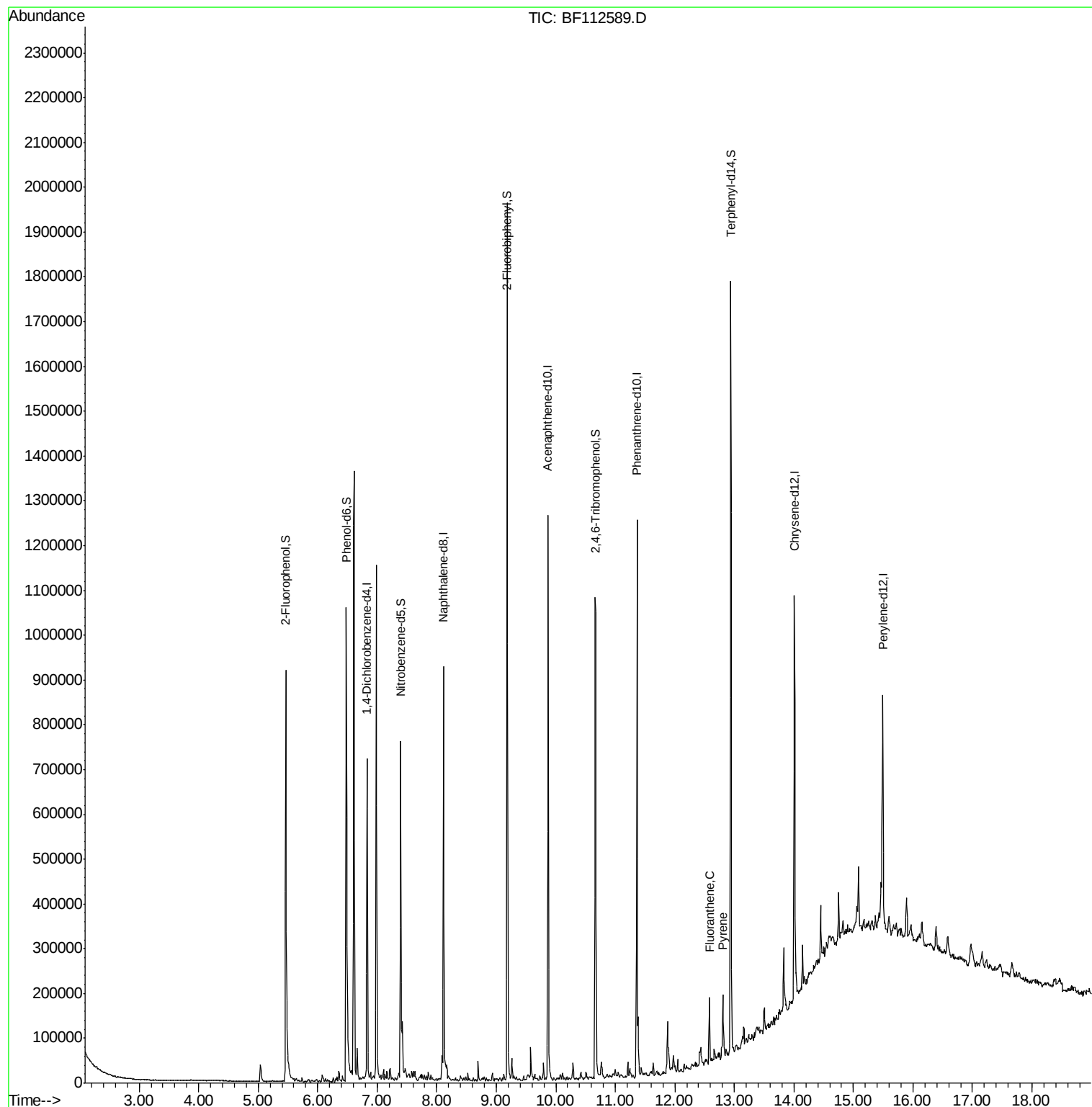
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	112039	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	471877	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	242613	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	457348	20.00	ng	0.00
76) Chrysene-d12	14.01	240	292314	20.00	ng	0.00
87) Perylene-d12	15.49	264	245131	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	321324	60.92	ng	-0.02
7) Phenol-d6	6.48	99	428758	58.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	278612	34.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	149362	52.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	572930	33.40	ng	-0.02
79) Terphenyl-d14	12.94	244	520114	33.51	ng	-0.01
Target Compounds						
75) Fluoranthene	12.58	202	55355	2.171	ng	95
78) Pyrene	12.81	202	49476	2.445	ng	99

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

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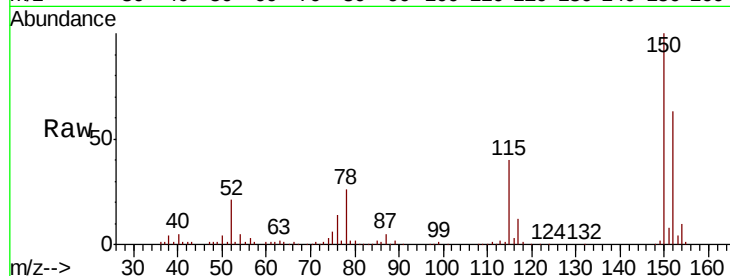


#1

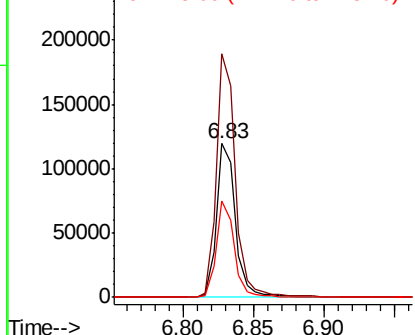
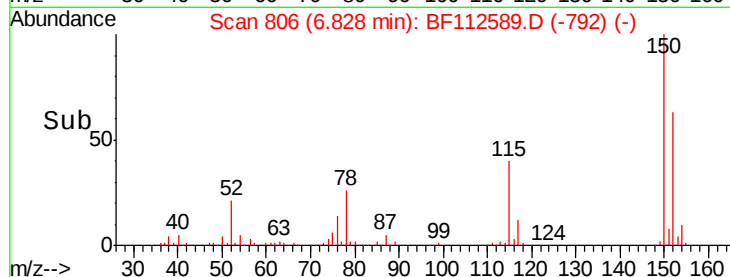
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112589.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_F
ClientSampleId :
CL-01-021419-C

Tot Ion:152 Resp: 112039
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 63.1 45.5 68.3



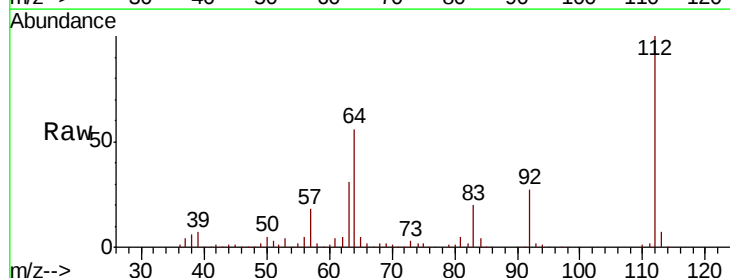
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



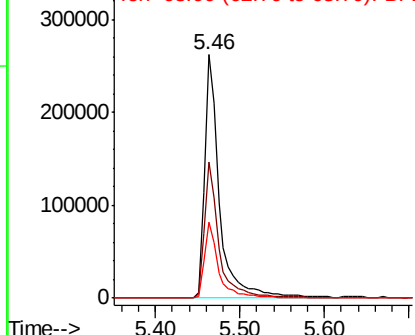
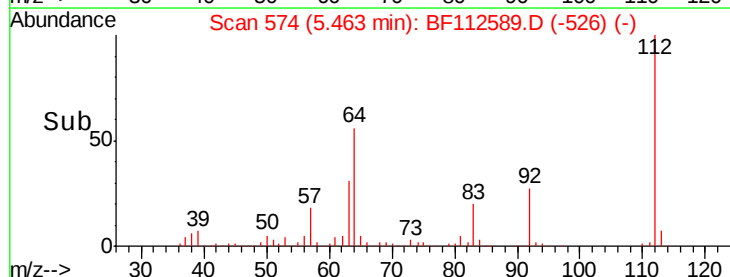
#5

2-Fluorophenol
Concen: 60.917 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112589.D
Acq: 15 Feb 2019 20:04

Tgt Ion:112 Resp: 321324
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 31.1 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: 58.497 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112589.D

Acq: 15 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-C

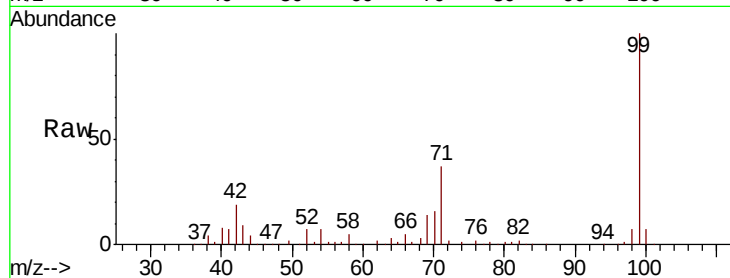
Tot Ion: 99 Resp: 428758

Ion Ratio Lower Upper

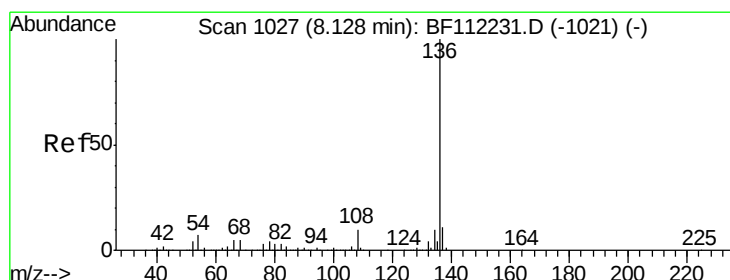
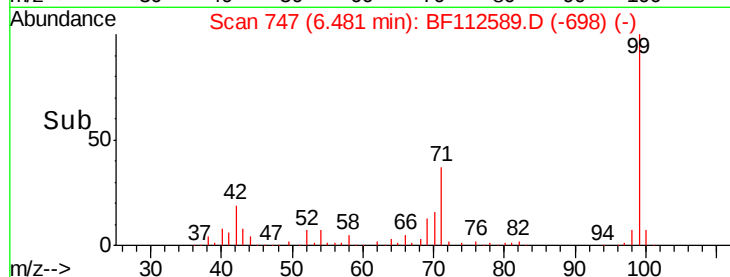
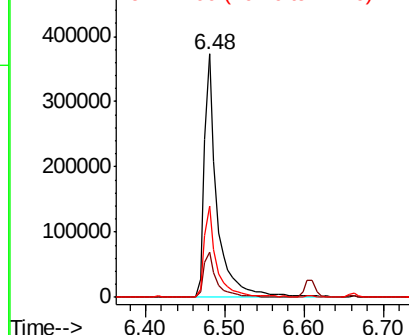
99 100

42 18.7 15.1 22.7

71 37.3 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: BF112589.D

Acq: 15 Feb 2019 20:04

Tgt Ion: 136 Resp: 471877

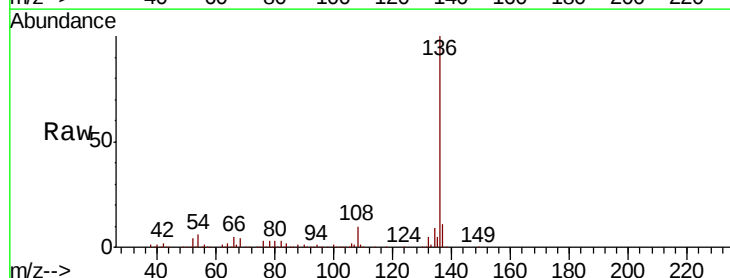
Ion Ratio Lower Upper

136 100

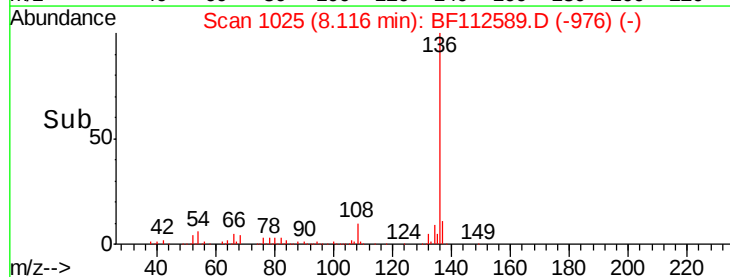
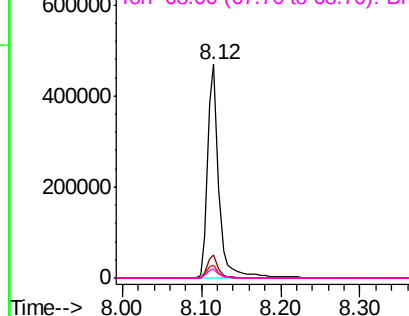
137 11.0 9.1 13.7

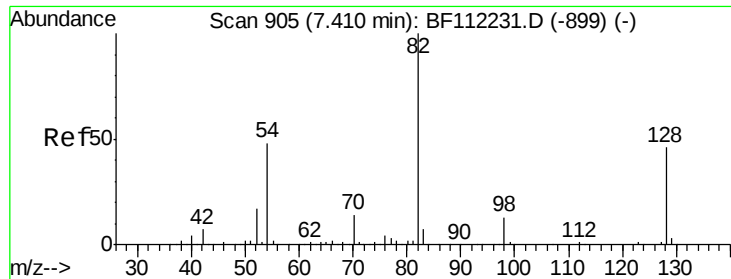
54 6.1 5.9 8.9

68 4.0 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

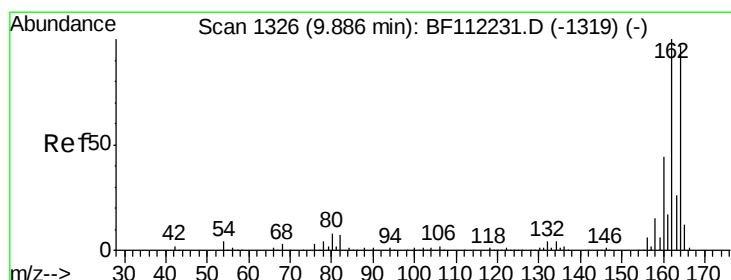
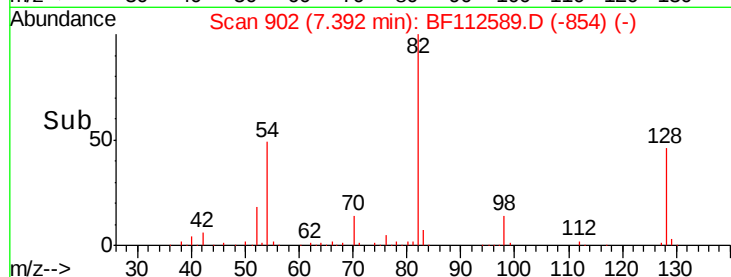
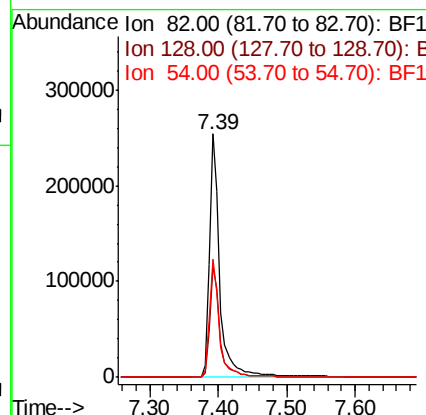
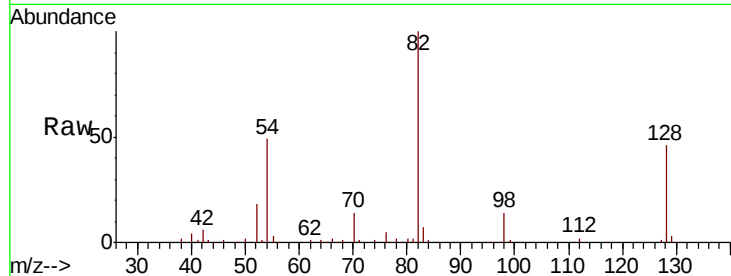




#23
 Nitrobenzene-d5
 Concen: 34.021 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112589.D
 Acq: 15 Feb 2019 20:04

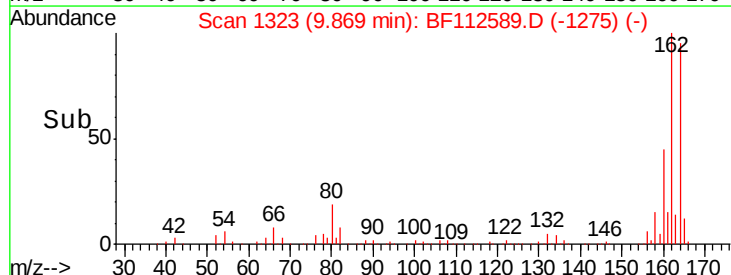
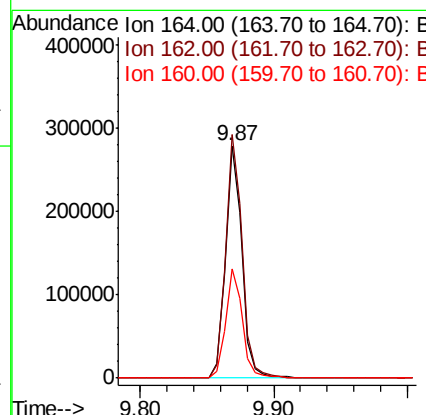
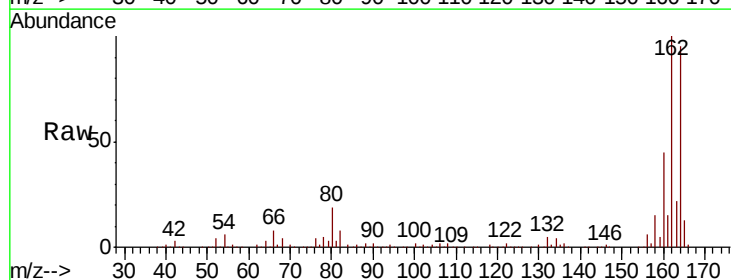
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021419-C

Tot Ion	82	Resp	278612
Ion Ratio	Lower	Upper	
82	100		
128	45.6	37.8	56.8
54	48.6	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: BF112589.D
 Acq: 15 Feb 2019 20:04

Tgt Ion	164	Resp	242613
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.2	123.4
160	47.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 52.891 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112589.D

Acq: 15 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-C

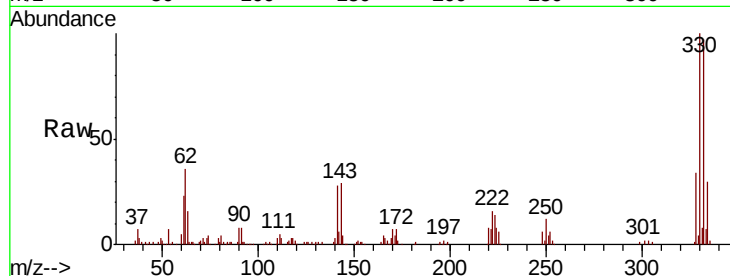
Tot Ion:330 Resp: 149362

Ion Ratio Lower Upper

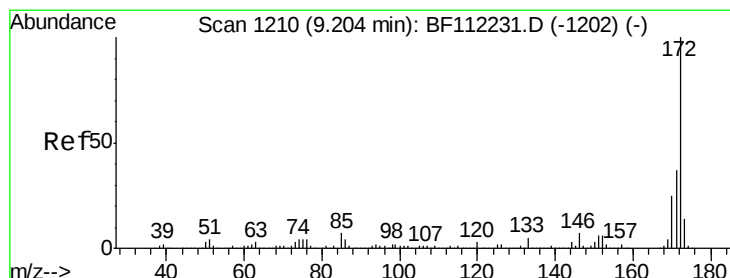
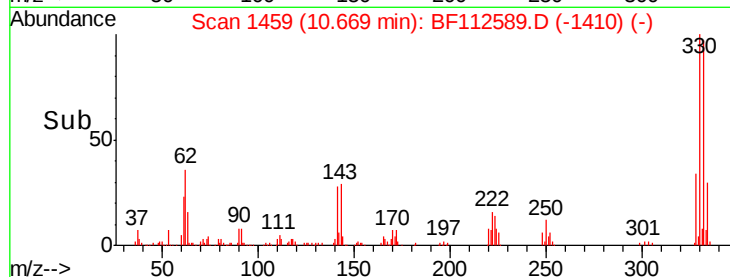
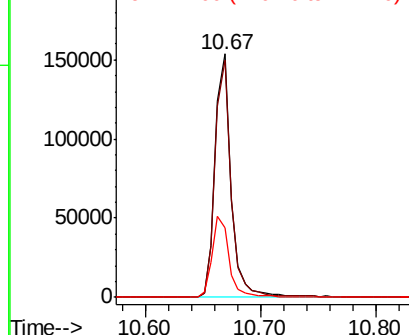
330 100

332 98.0 76.6 114.8

141 35.2 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: 33.400 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112589.D

Acq: 15 Feb 2019 20:04

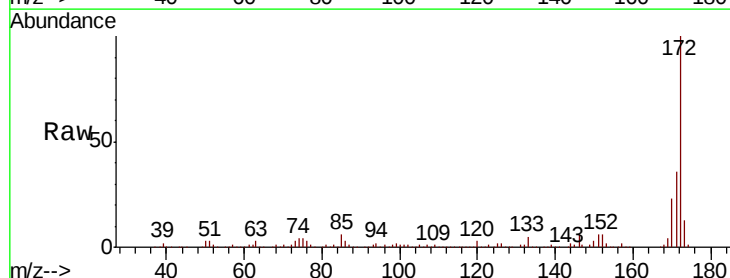
Tgt Ion:172 Resp: 572930

Ion Ratio Lower Upper

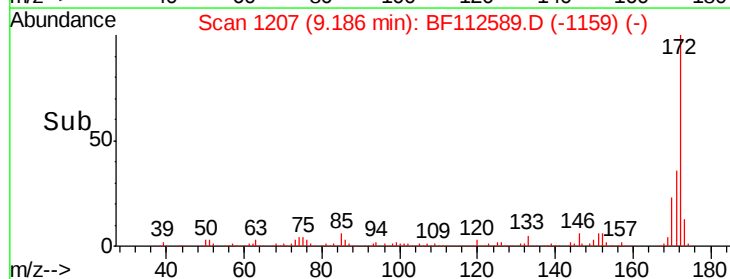
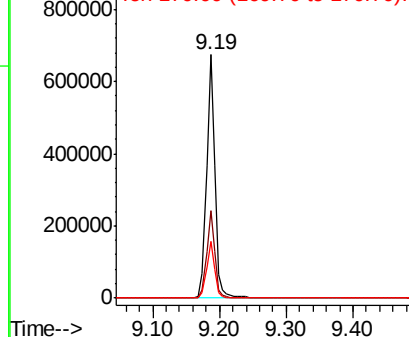
172 100

171 36.1 30.5 45.7

170 23.3 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

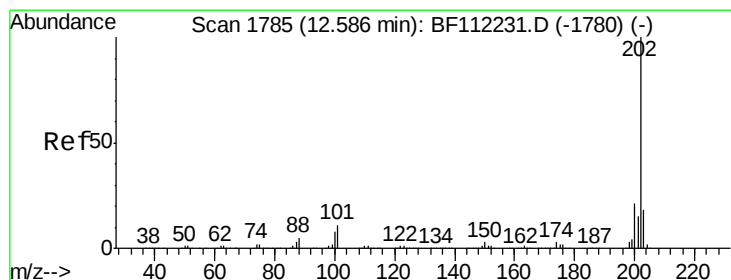
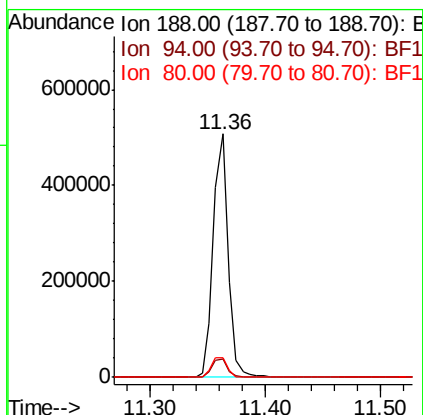
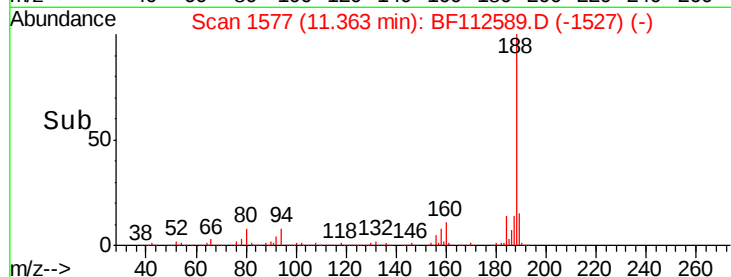
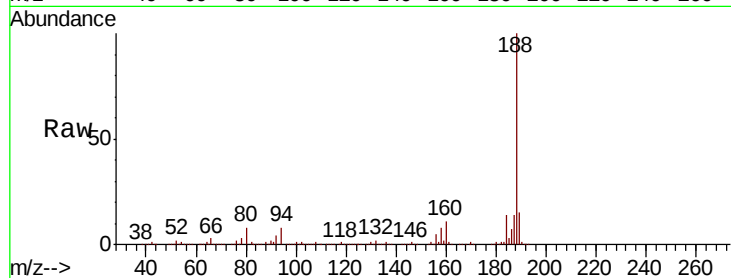




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112589.D
Acq: 15 Feb 2019 20:04

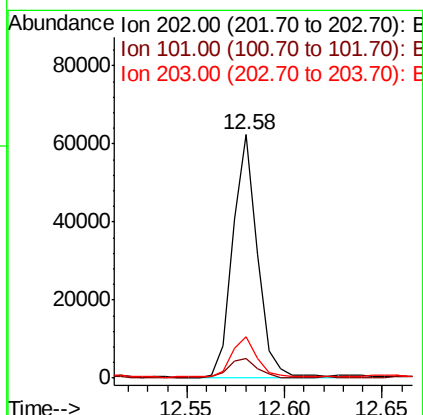
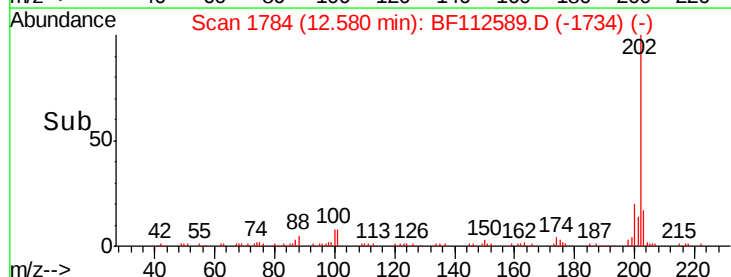
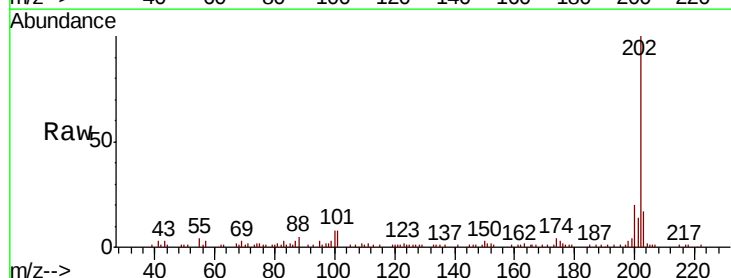
Instrument :
BNA_F
ClientSampleId :
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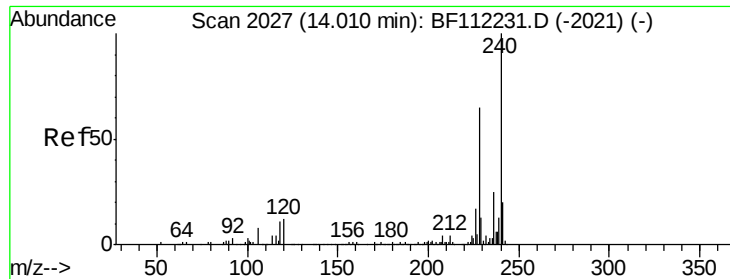
Tot Ion:188 Resp: 457348
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.3 8.9 13.3#



#75
Fluoranthene
Concen: 2.171 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112589.D
Acq: 15 Feb 2019 20:04

Tgt Ion:202 Resp: 55355
Ion Ratio Lower Upper
202 100
101 8.0 0.0 31.8
203 17.2 0.0 38.4

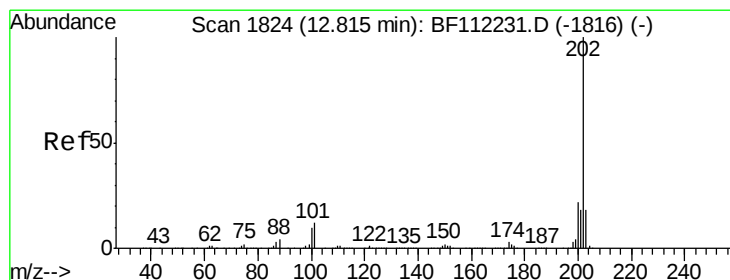
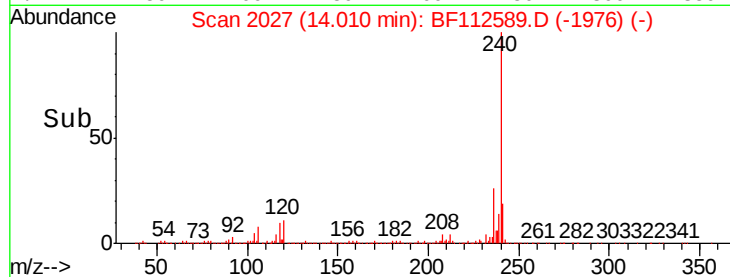
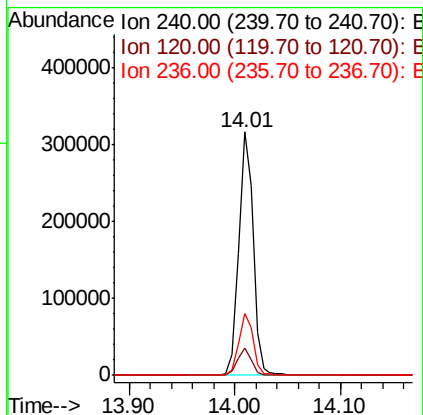
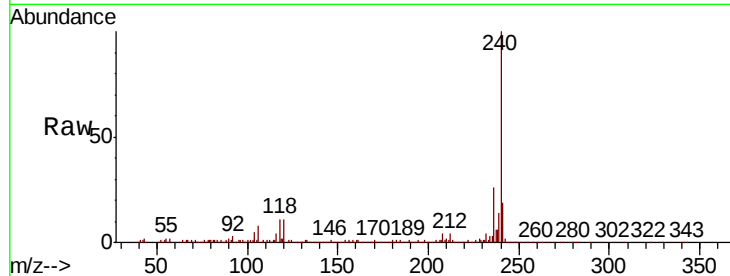




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112589.D
Acq: 15 Feb 2019 20:04

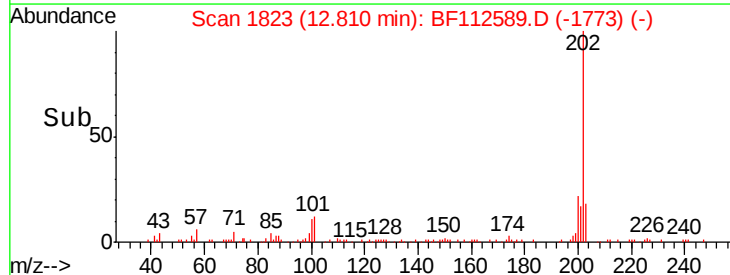
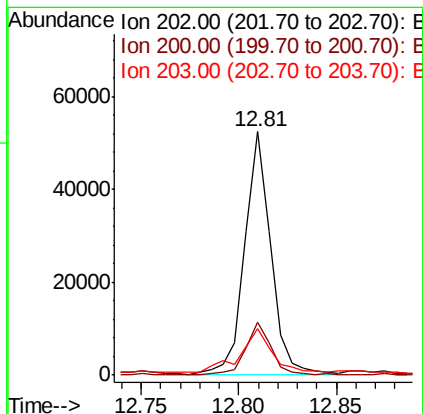
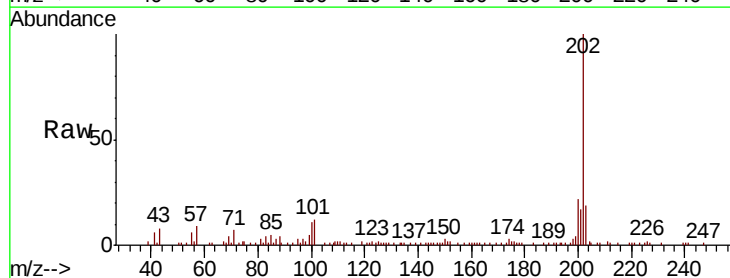
Instrument :
BNA_F
ClientSampleId :
CL-01-021419-C

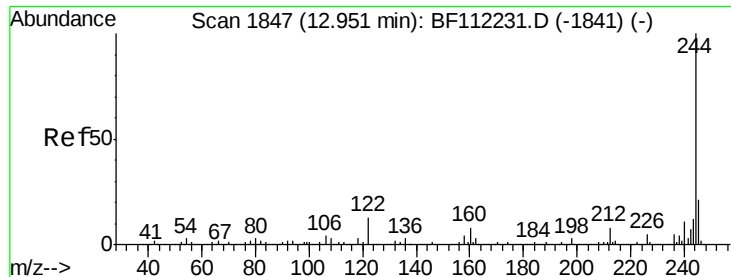
Tot Ion:240 Resp: 292314
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.6 20.7 31.1



#78
Pyrene
Concen: 2.445 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112589.D
Acq: 15 Feb 2019 20:04

Tgt Ion:202 Resp: 49476
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 19.0 14.6 22.0





#79

Terphenyl-d14

Concen: 33.512 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112589.D

Acq: 15 Feb 2019 20:04

Instrument :

BNA_F

ClientSampleId :

CL-01-021419-C

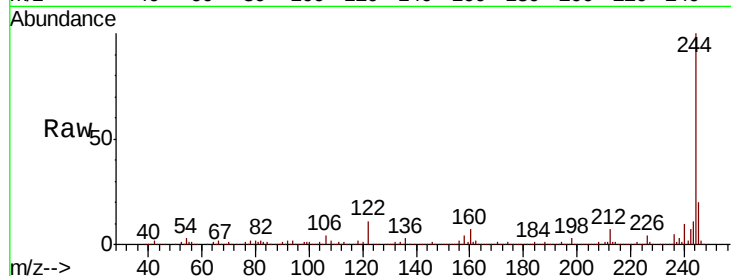
Tot Ion:244 Resp: 520114

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

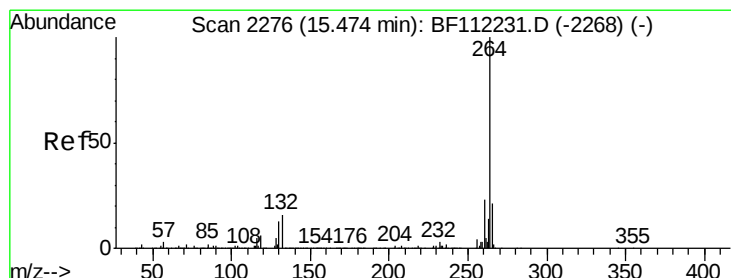
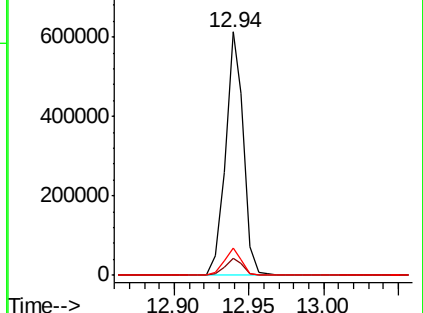
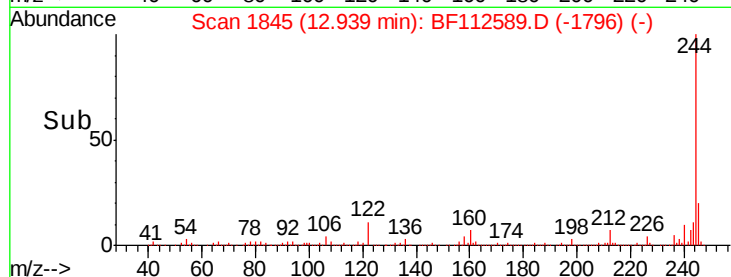
122 11.4 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF112589.D

Acq: 15 Feb 2019 20:04

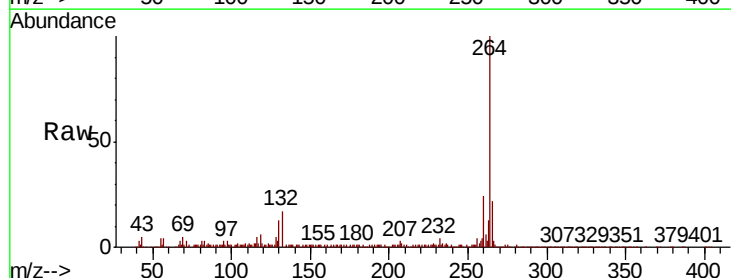
Tgt Ion:264 Resp: 245131

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.9 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

