

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116613.D
 Acq On : 28 Aug 2019 13:56
 Operator : HP/JU
 Sample : PB122569BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122569BL

Quant Time: Aug 29 01:22:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127285	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	497483	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	266615	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	473258	20.00	ng	0.00
76) Chrysene-d12	14.00	240	331093	20.00	ng	0.00
87) Perylene-d12	15.46	264	291578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	865663	117.47	ng	0.01
7) Phenol-d6	6.49	99	1167309	116.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	728178	83.75	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	284352	112.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1318152	82.28	ng	0.00
79) Terphenyl-d14	12.96	244	1494054	73.39	ng	0.00

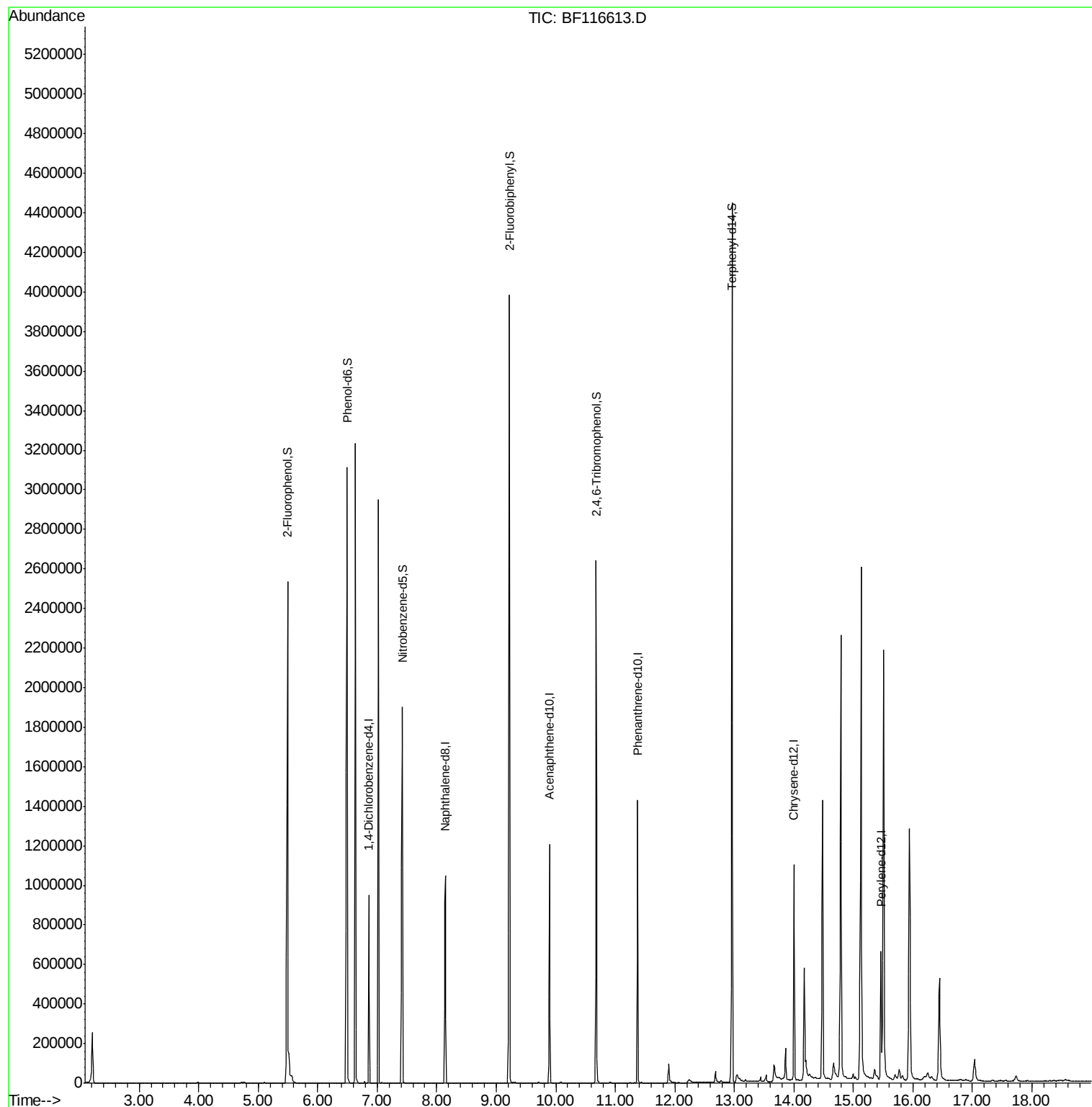
Target Compounds Qvalue

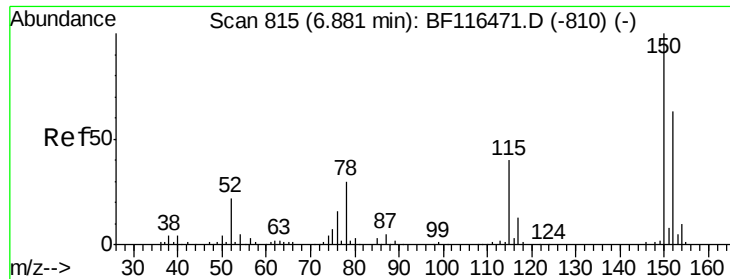
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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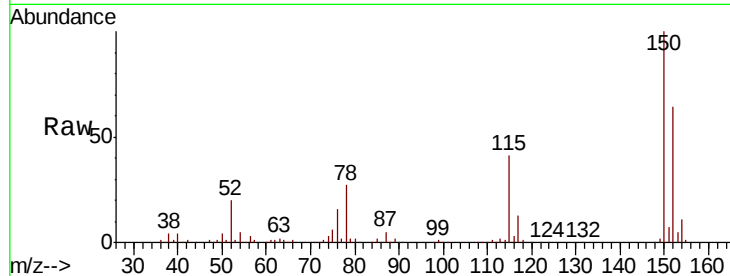


#1

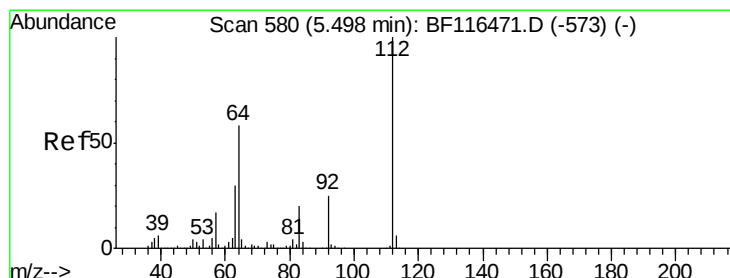
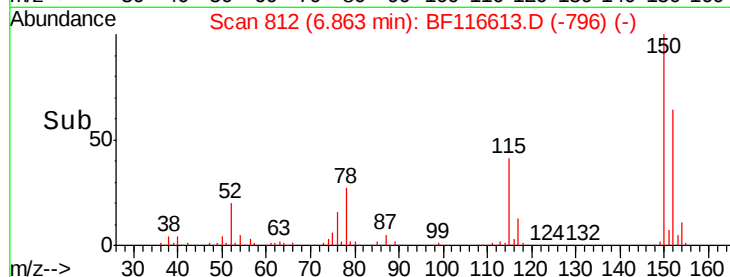
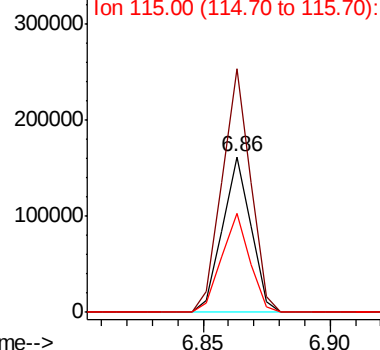
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB122569BL

Tot Ion:152 Resp: 127285
Ion Ratio Lower Upper
152 100
150 156.4 123.4 185.2
115 63.6 48.2 72.2



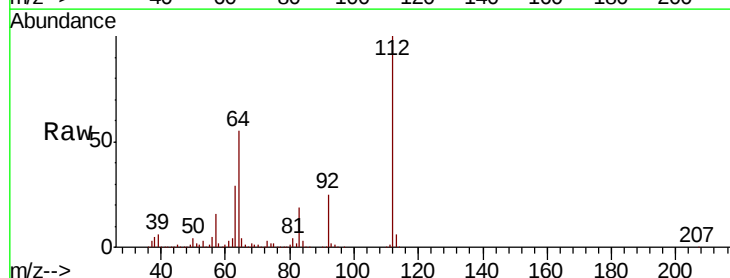
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



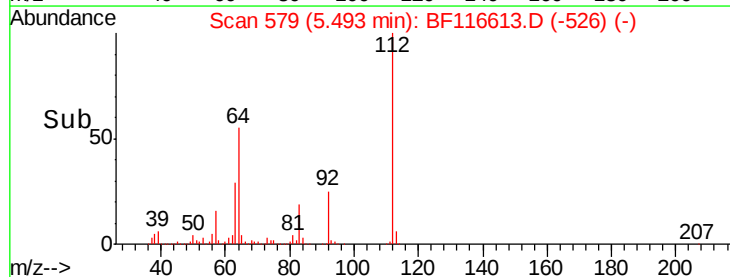
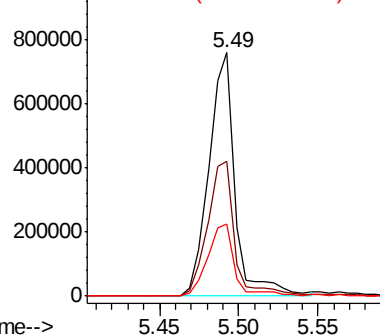
#5

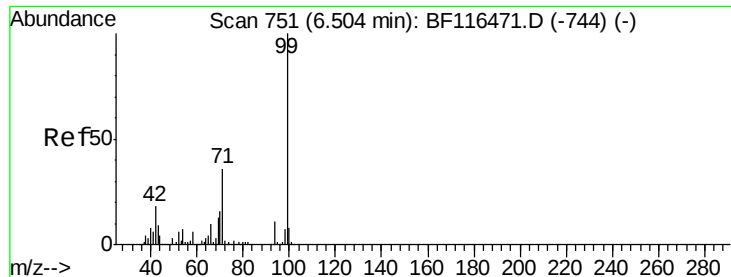
2-Fluorophenol
Concen: 117.468 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:112 Resp: 865663
Ion Ratio Lower Upper
112 100
64 55.4 48.0 72.0
63 29.4 24.6 36.8



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: 116.837 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116613.D

Acq: 28 Aug 2019 13:56

Instrument :

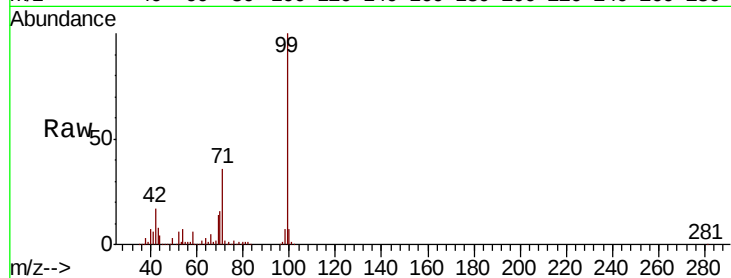
BNA_F

ClientSampleId :

PB122569BL

Tot Ion: 99 Resp: 1167309

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.2	19.8
71	36.0	27.4	41.2

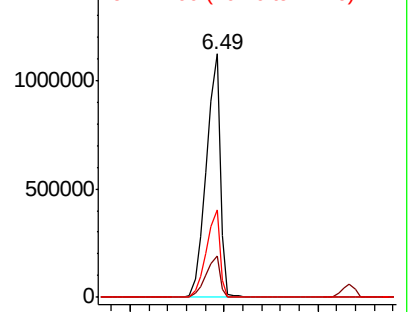


Abundance

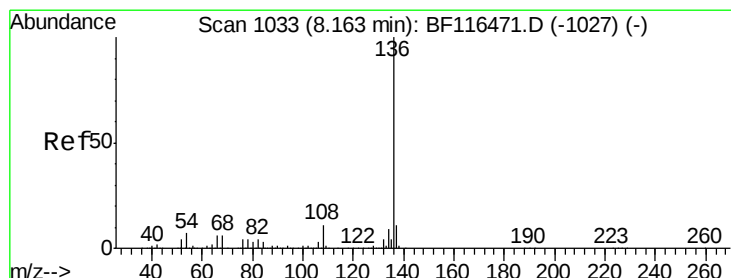
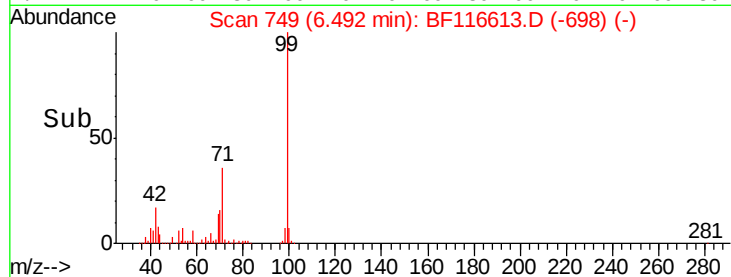
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

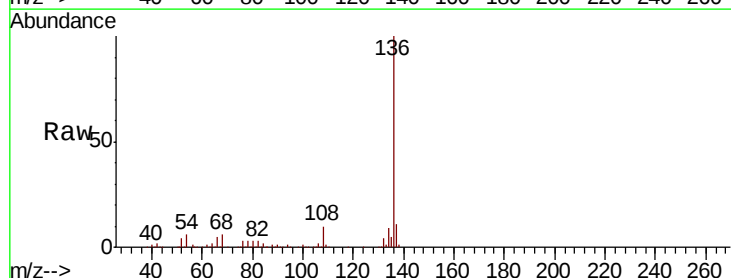
Delta R.T. -0.01 min

Lab File: BF116613.D

Acq: 28 Aug 2019 13:56

Tgt Ion: 136 Resp: 497483

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.0	7.4
68	5.6	4.5	6.7



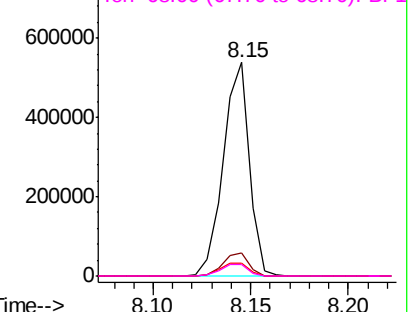
Abundance

Ion 136.00 (135.70 to 136.70): BF1

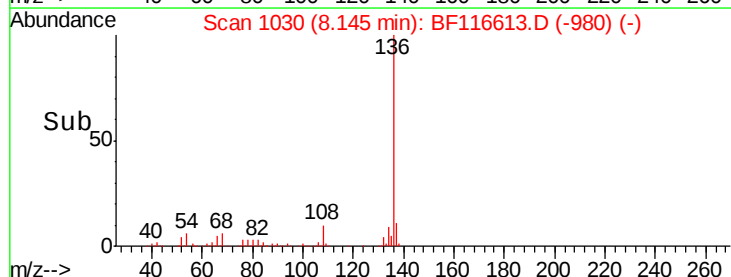
Ion 137.00 (136.70 to 137.70): BF1

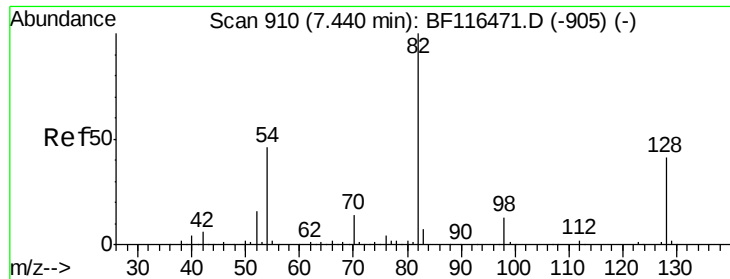
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

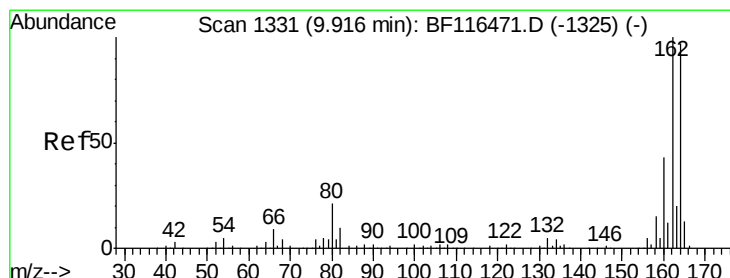
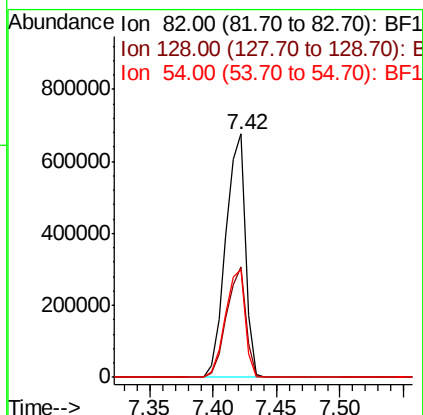
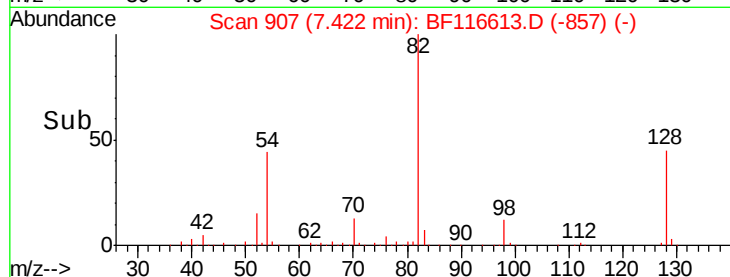
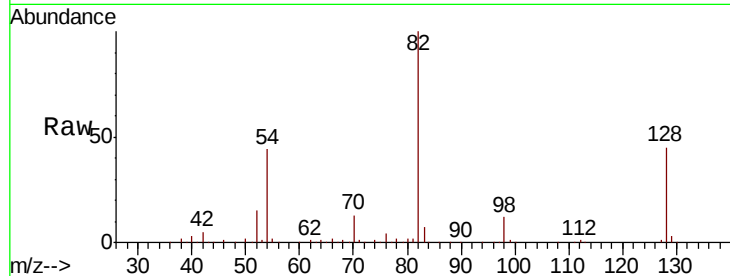




#23
 Nitrobenzene-d5
 Concen: 83.754 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116613.D
 Acq: 28 Aug 2019 13:56

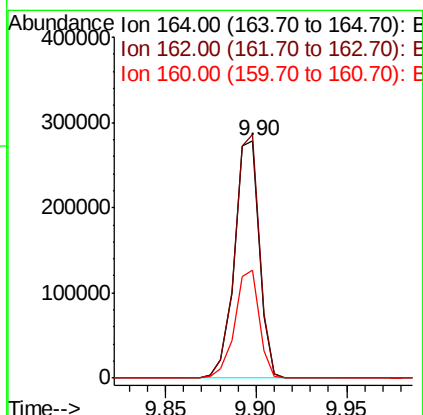
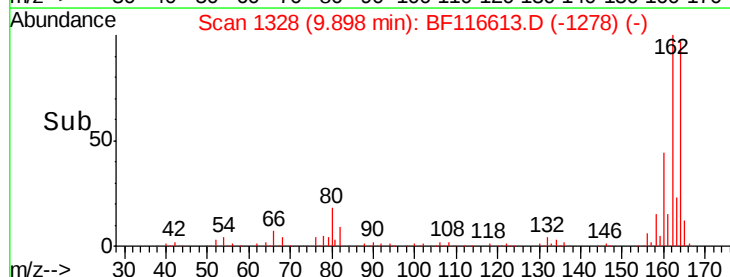
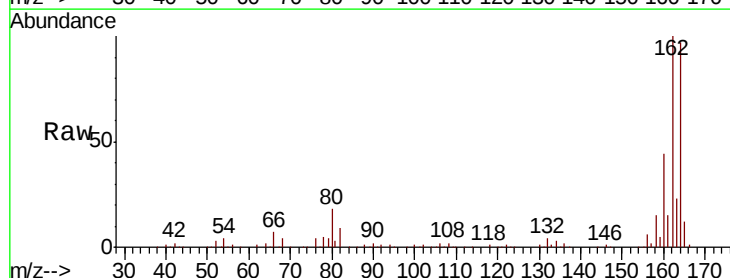
Instrument :
 BNA_F
 ClientSampleId :
 PB122569BL

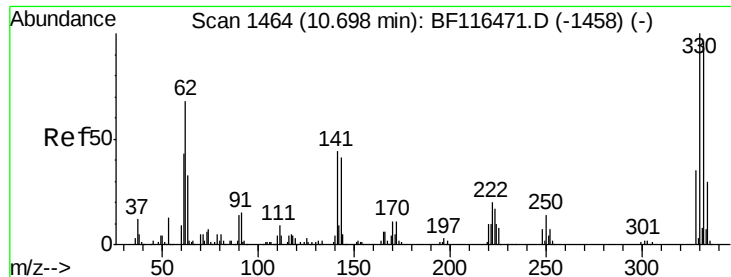
Tot Ion: 82 Resp: 728178
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.0 52.6
 54 44.1 34.4 51.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF116613.D
 Acq: 28 Aug 2019 13:56

Tgt Ion: 164 Resp: 266615
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.4 125.0
 160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 112.076 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116613.D

Acq: 28 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

PB122569BL

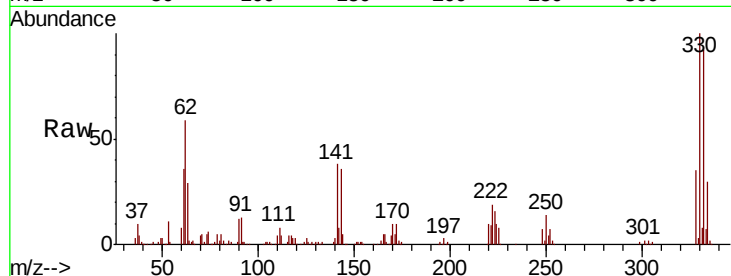
Tot Ion:330 Resp: 284352

Ion Ratio Lower Upper

330 100

332 94.8 77.5 116.3

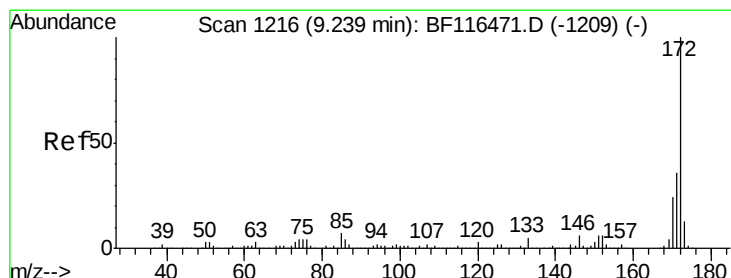
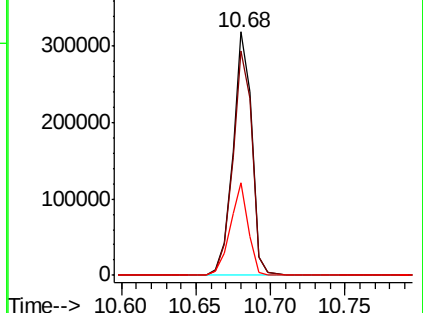
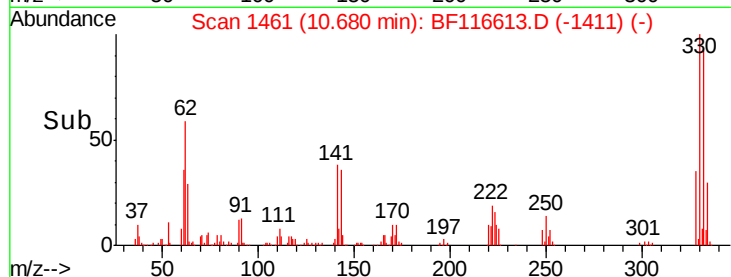
141 36.7 28.2 42.2



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: 82.279 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF116613.D

Acq: 28 Aug 2019 13:56

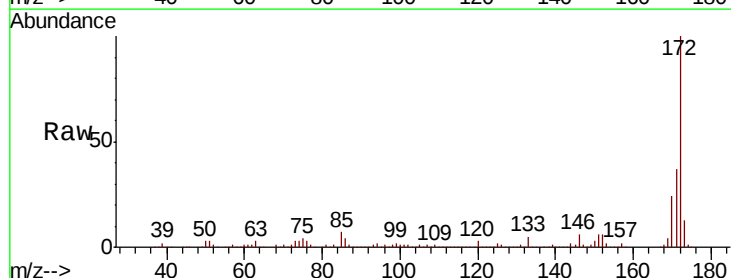
Tgt Ion:172 Resp: 1318152

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

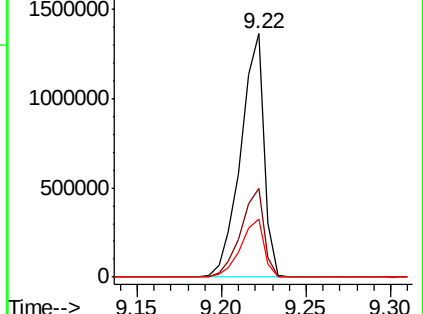
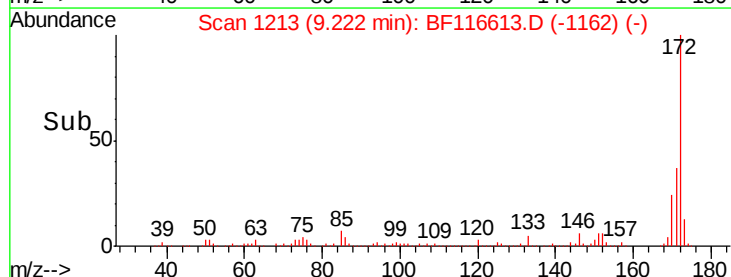
170 23.9 19.3 28.9

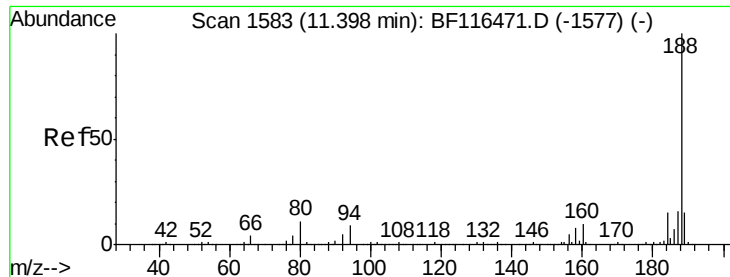


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

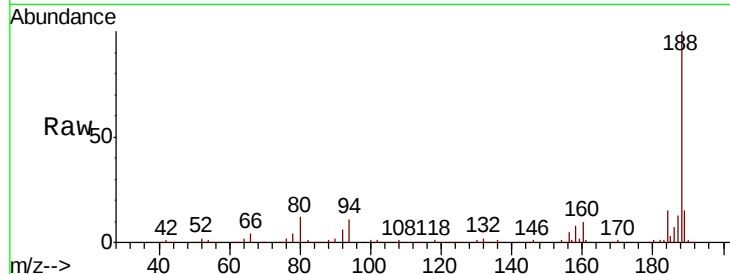




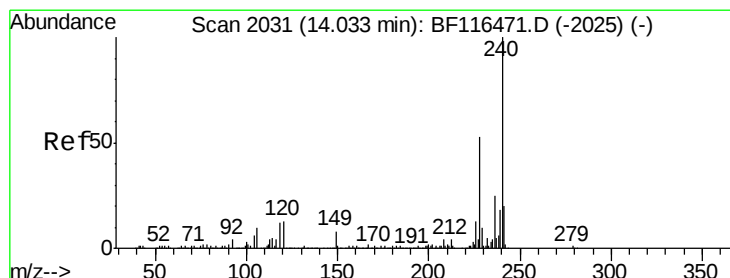
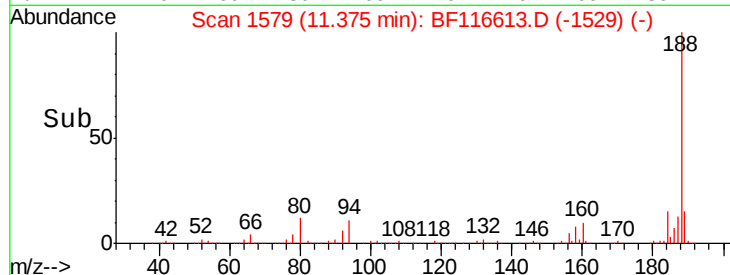
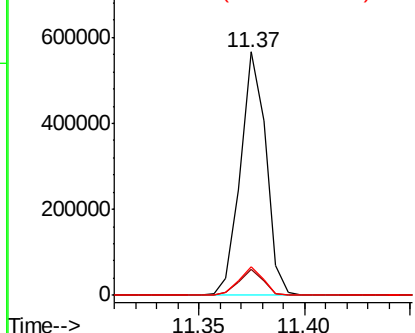
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :
PB122569BL

Tot Ion:188 Resp: 473258
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 11.5 8.9 13.3

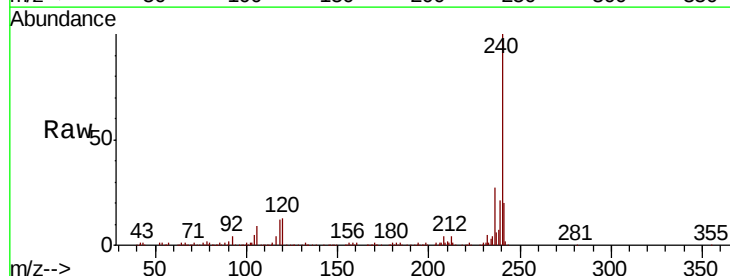


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

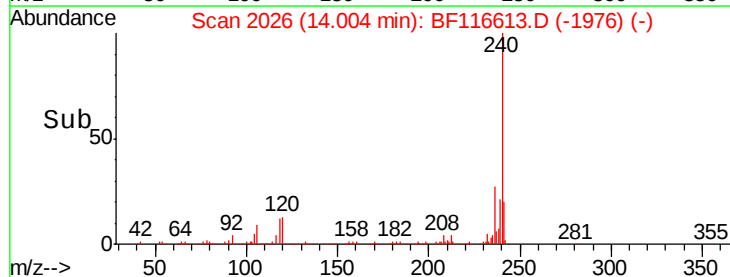
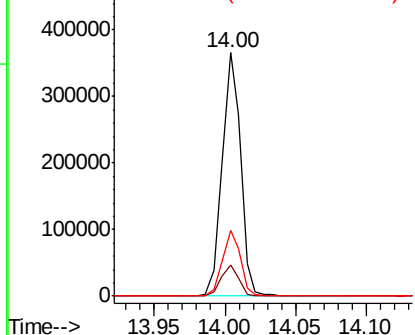


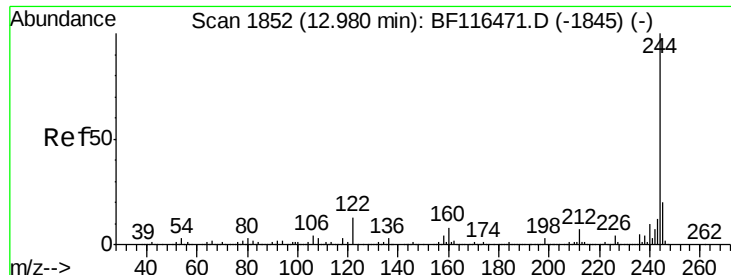
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116613.D
Acq: 28 Aug 2019 13:56

Tgt Ion:240 Resp: 331093
Ion Ratio Lower Upper
240 100
120 12.9 11.3 16.9
236 27.2 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

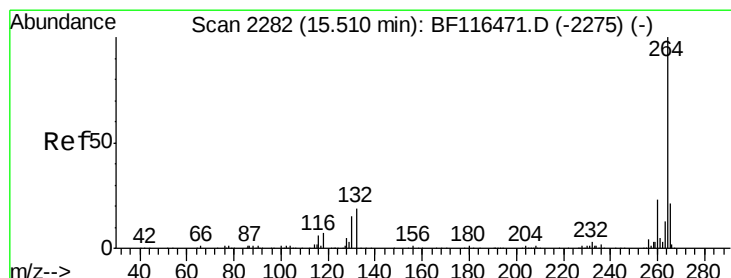
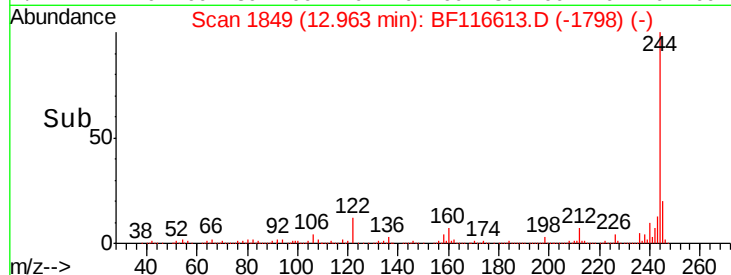
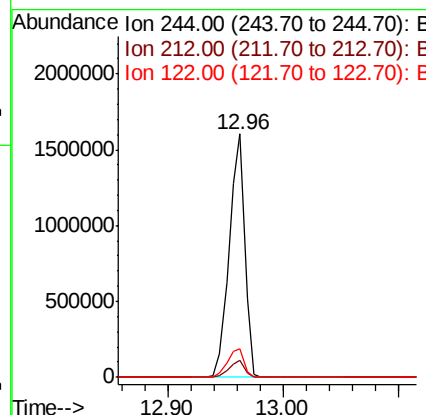
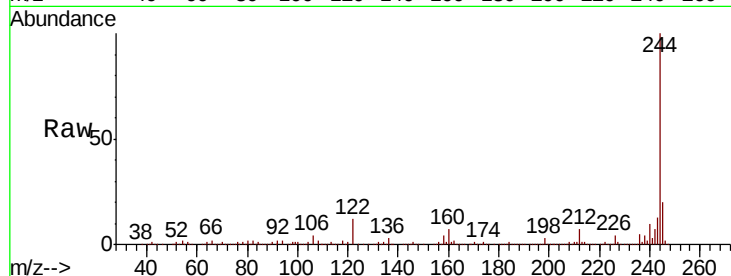




#79
 Terphenyl-d14
 Concen: 73.389 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF116613.D
 Acq: 28 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122569BL

Tot Ion:244 Resp: 1494054
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.8 10.0 15.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116613.D
 Acq: 28 Aug 2019 13:56

Tgt Ion:264 Resp: 291578
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.0 30.0
 265 21.6 17.6 26.4

