

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116596.D
 Acq On : 27 Aug 2019 21:29
 Operator : HP/JU
 Sample : K4516-40
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-D

Quant Time: Aug 28 07:56:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115370	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	358748	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	188529	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	340255	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	225844	20.00	ng	-0.02
87) Perylene-d12	15.48	264	217053	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	869296	110.10	ng	0.00
7) Phenol-d6	6.50	99	1053992	108.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	604453	92.18	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	268044	165.58	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1112738	95.05	ng	-0.01
79) Terphenyl-d14	12.97	244	1331499	110.13	ng	0.00

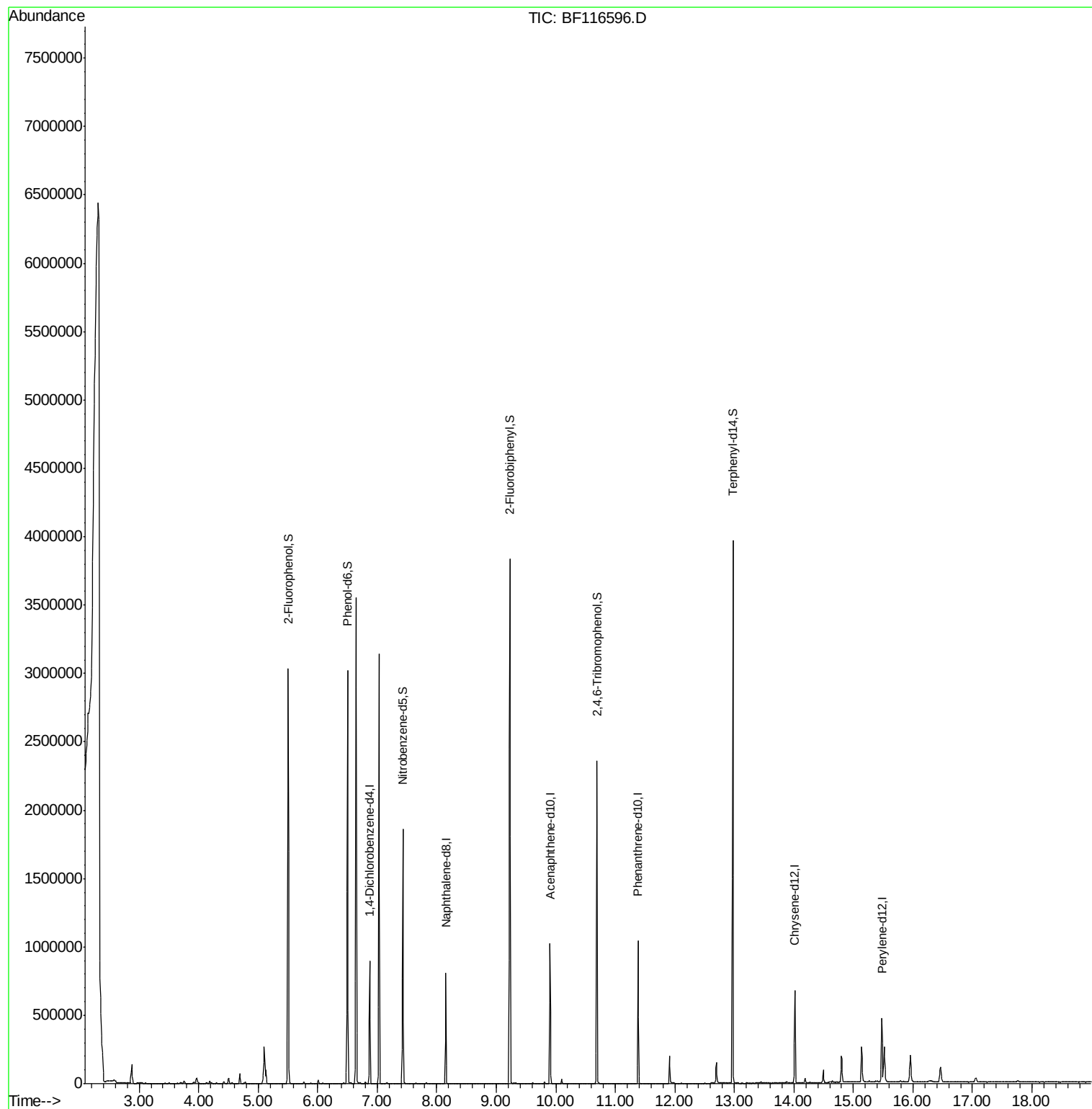
Target Compounds Qvalue

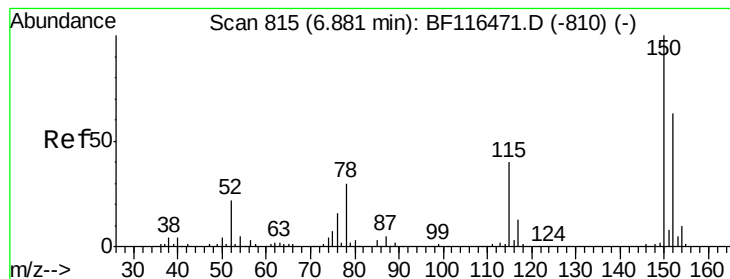
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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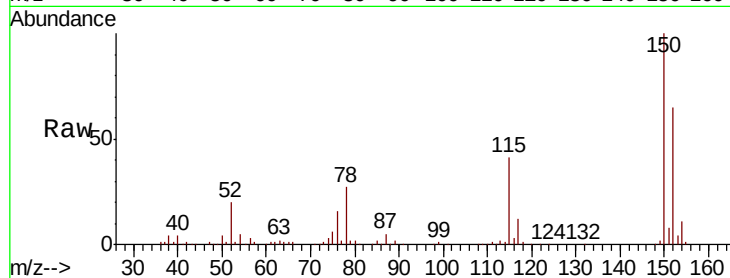


#1

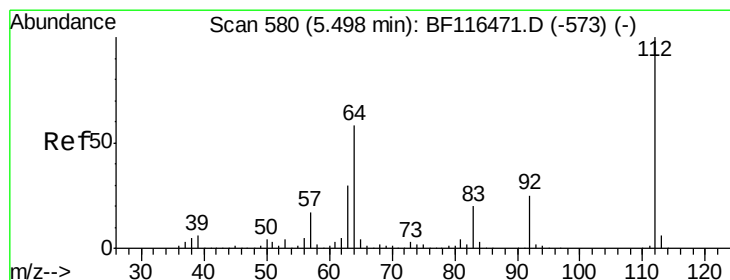
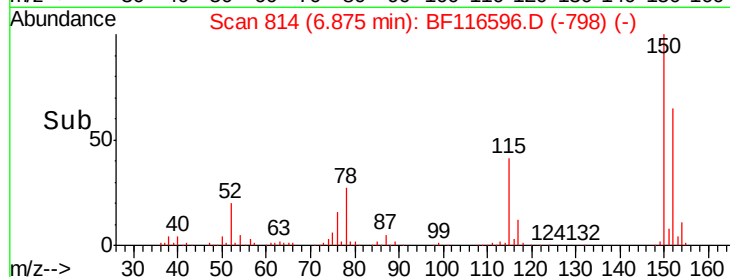
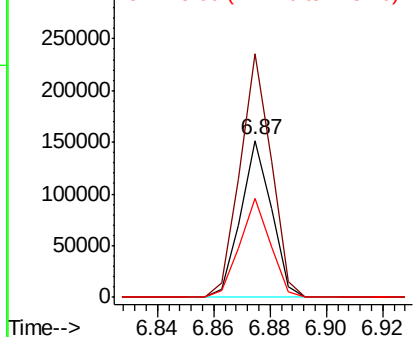
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116596.D
Acq: 27 Aug 2019 21:29

Instrument :
BNA_F
ClientSampleId :
T2-S-D

Tot Ion:152 Resp: 115370
Ion Ratio Lower Upper
152 100
150 154.9 126.7 190.1
115 63.3 50.9 76.3



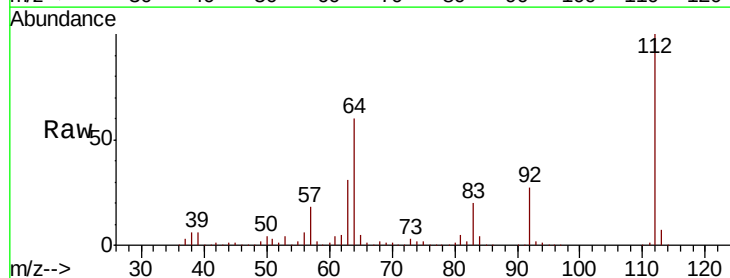
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



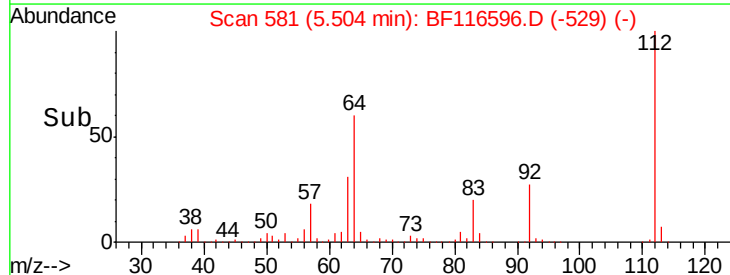
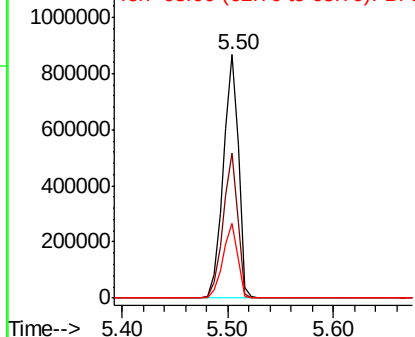
#5

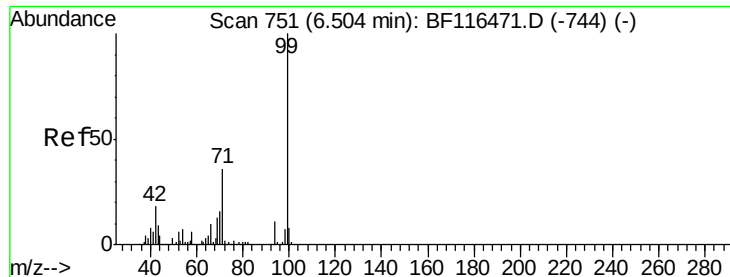
2-Fluorophenol
Concen: 110.095 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116596.D
Acq: 27 Aug 2019 21:29

Tgt Ion:112 Resp: 869296
Ion Ratio Lower Upper
112 100
64 59.7 46.3 69.5
63 30.6 24.2 36.4



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: 108.867 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116596.D

Acq: 27 Aug 2019 21:29

Instrument :

BNA_F

ClientSampleId :

T2-S-D

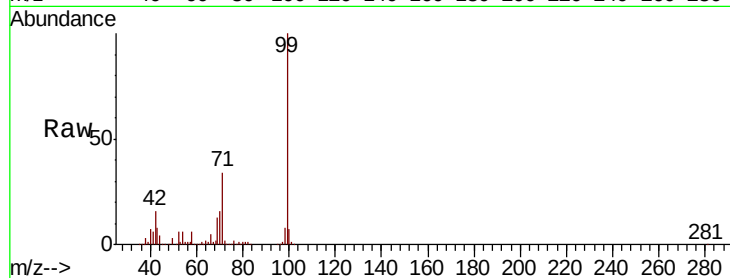
Tot Ion: 99 Resp: 1053992

Ion Ratio Lower Upper

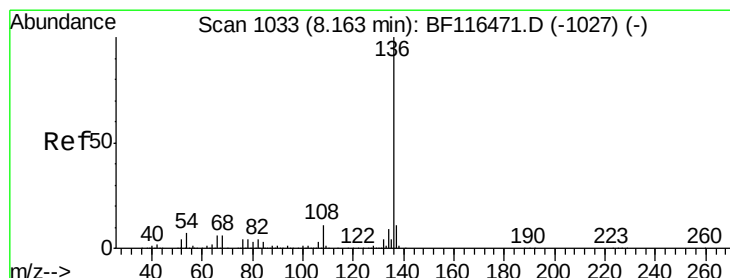
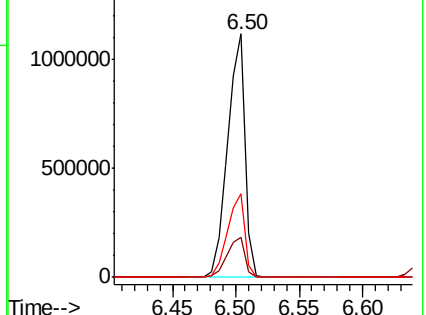
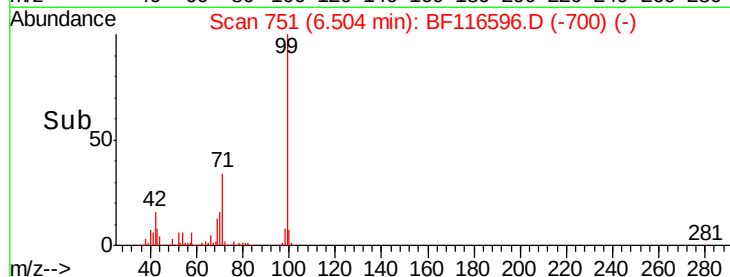
99 100

42 16.4 14.6 21.8

71 34.3 28.5 42.7



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116596.D

Acq: 27 Aug 2019 21:29

Tgt Ion: 136 Resp: 358748

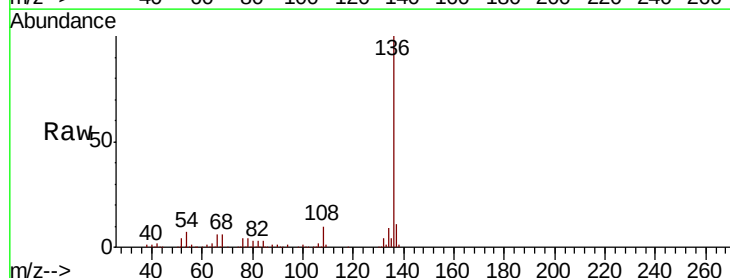
Ion Ratio Lower Upper

136 100

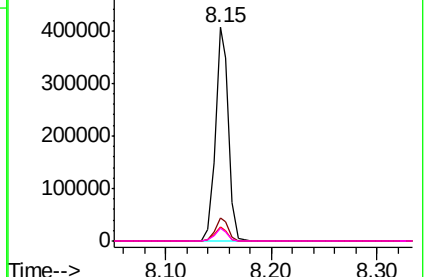
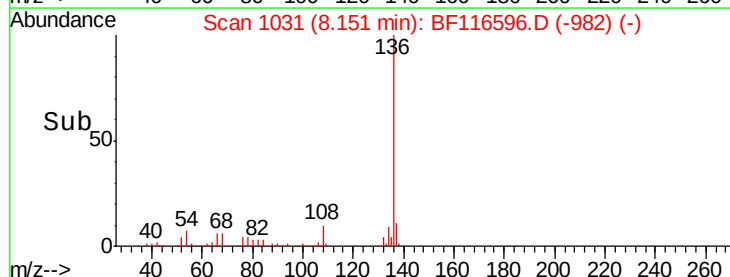
137 10.9 9.0 13.4

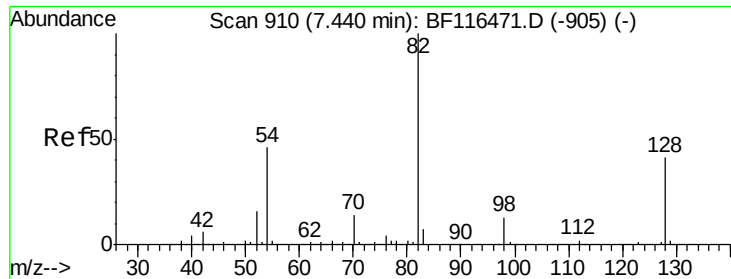
54 6.6 5.8 8.6

68 5.7 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

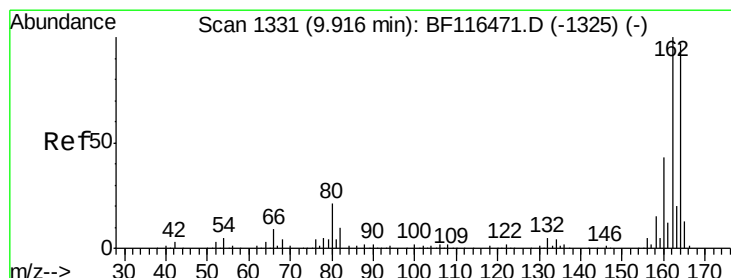
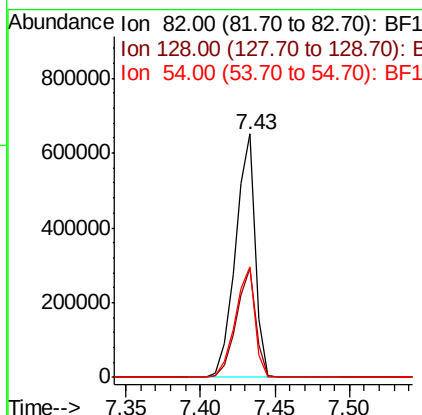
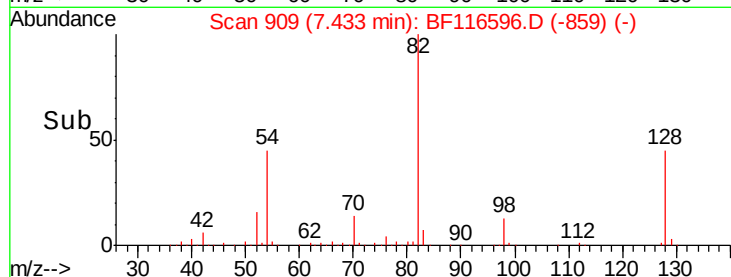
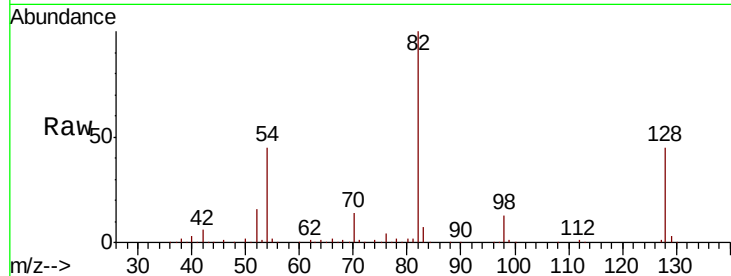




#23
 Nitrobenzene-d5
 Concen: 92.181 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116596.D
 Acq: 27 Aug 2019 21:29

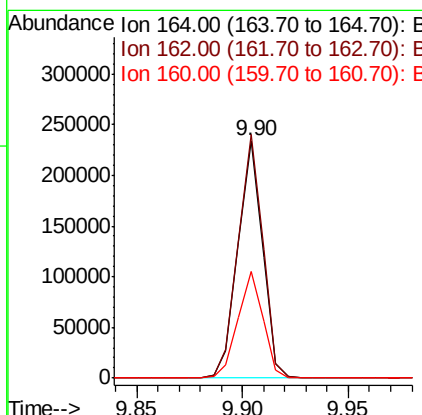
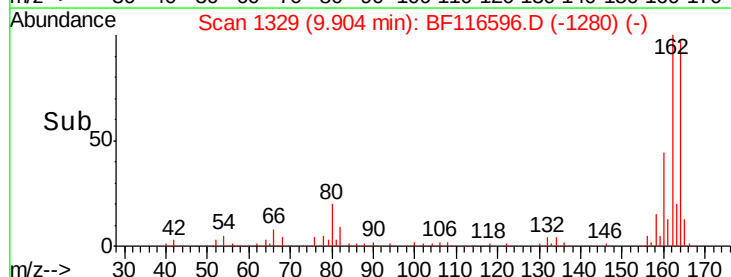
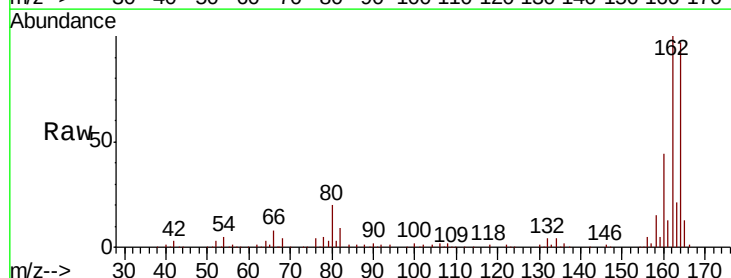
Instrument :
 BNA_F
 ClientSampled :
 T2-S-D

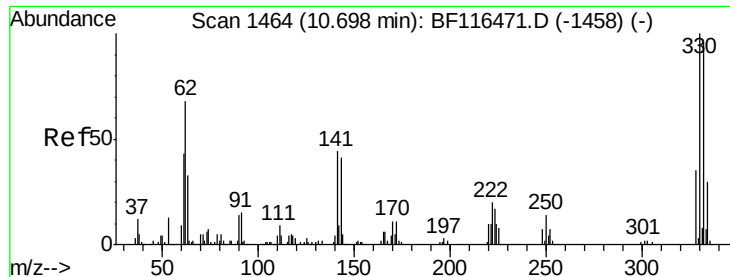
Tot Ion	82	Resp	604453
Ion Ratio	100	Lower	Upper
128	45.1	32.2	48.4
54	45.2	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116596.D
 Acq: 27 Aug 2019 21:29

Tgt Ion	164	Resp	188529
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.6	82.6	123.8
160	45.0	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 165.577 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116596.D

Acq: 27 Aug 2019 21:29

Instrument :

BNA_F

ClientSampleId :

T2-S-D

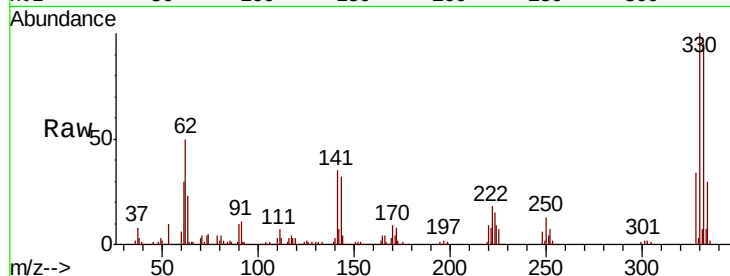
Tot Ion:330 Resp: 268044

Ion Ratio Lower Upper

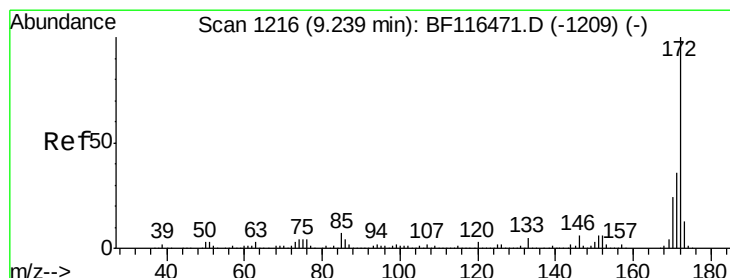
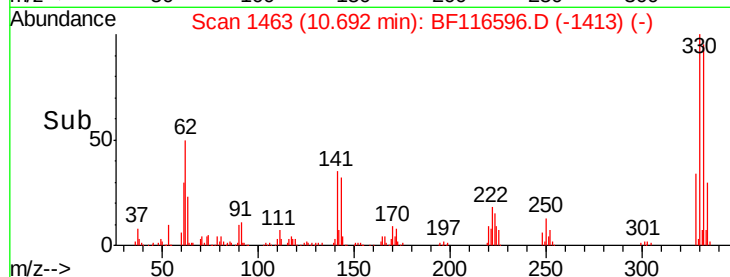
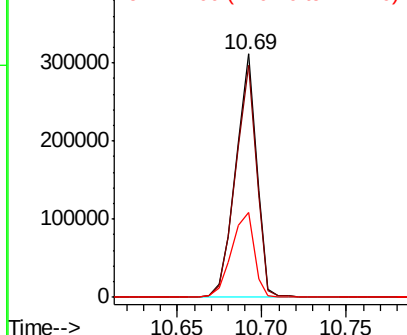
330 100

332 96.5 77.2 115.8

141 37.7 33.3 49.9



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: 95.050 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF116596.D

Acq: 27 Aug 2019 21:29

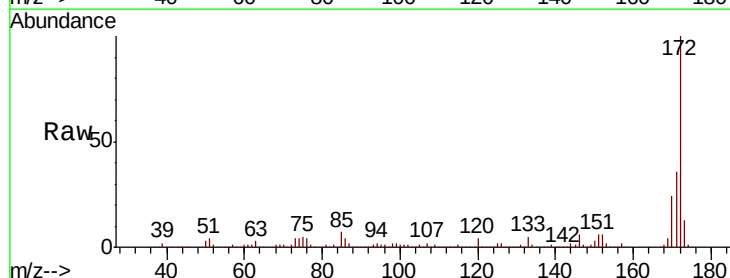
Tgt Ion:172 Resp: 1112738

Ion Ratio Lower Upper

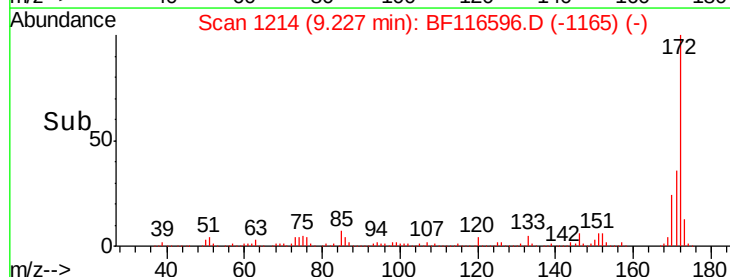
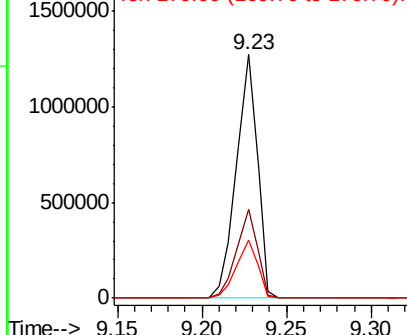
172 100

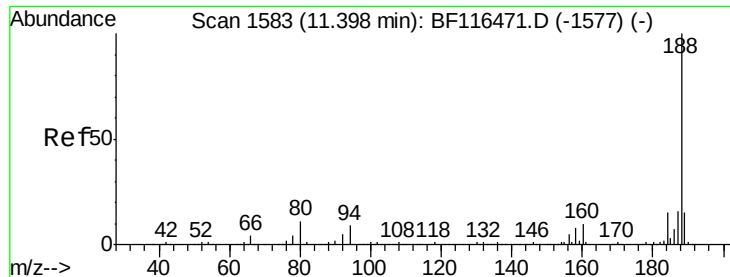
171 36.4 28.9 43.3

170 23.8 19.4 29.0



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

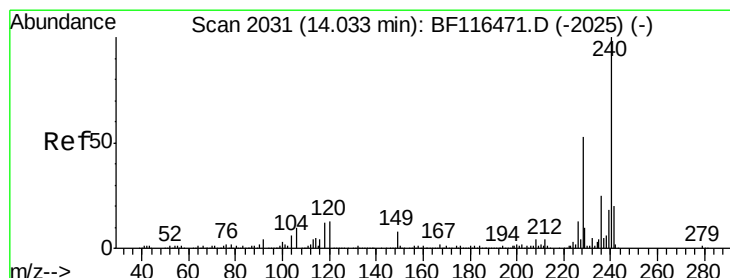
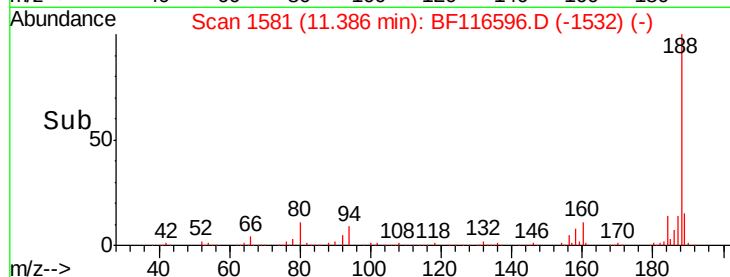
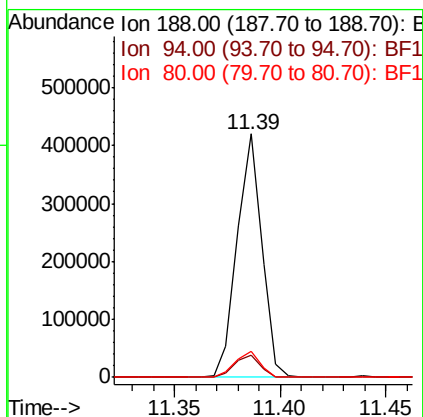
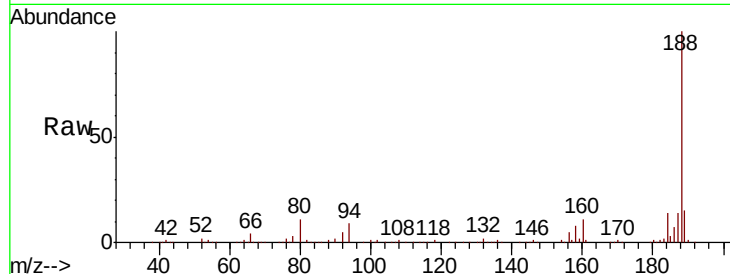




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116596.D
Acq: 27 Aug 2019 21:29

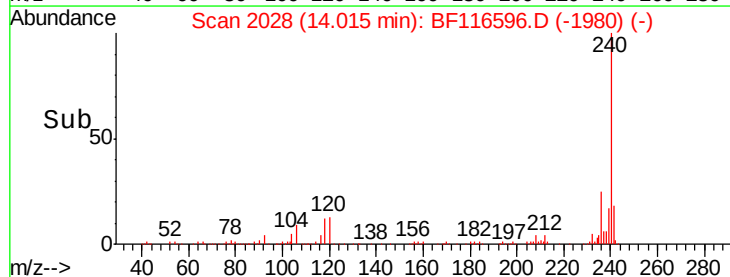
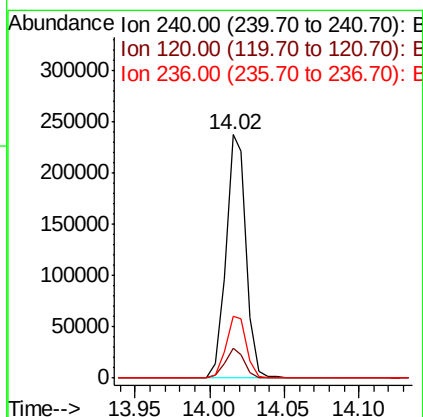
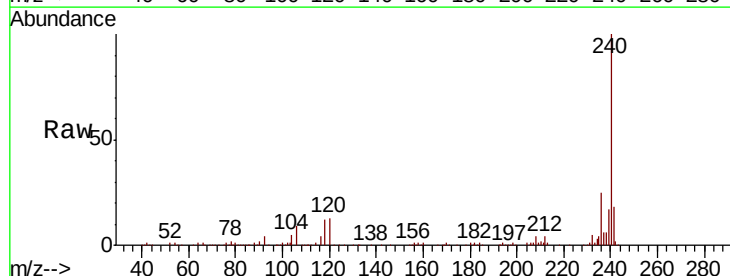
Instrument :
BNA_F
ClientSampled :
T2-S-D

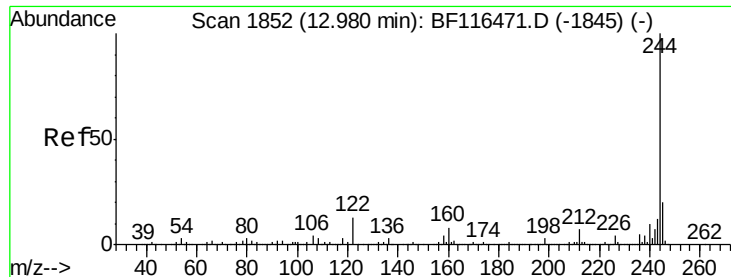
Tot Ion:188 Resp: 340255
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF116596.D
Acq: 27 Aug 2019 21:29

Tgt Ion:240 Resp: 225844
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 25.2 20.2 30.2

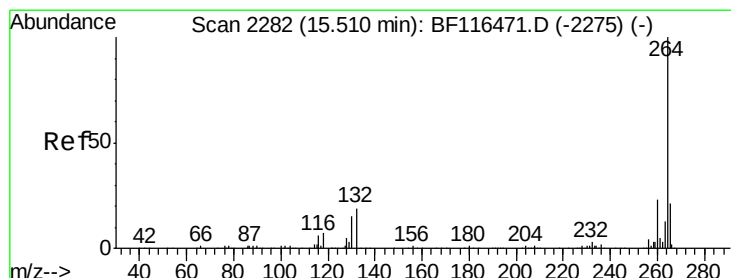
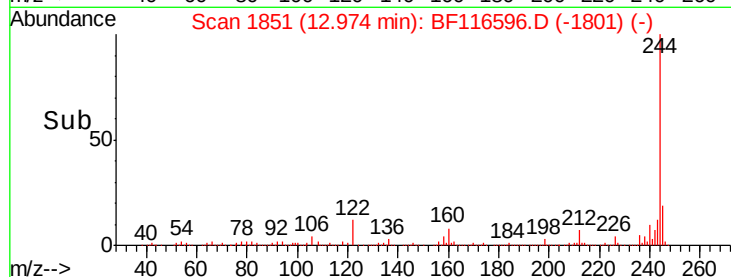
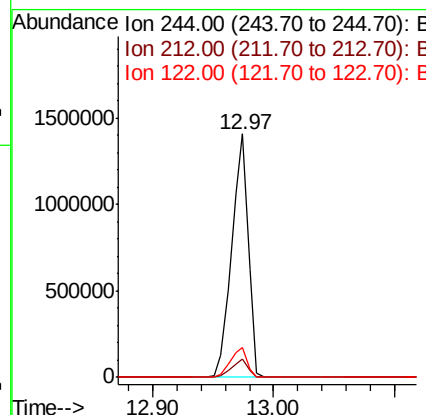
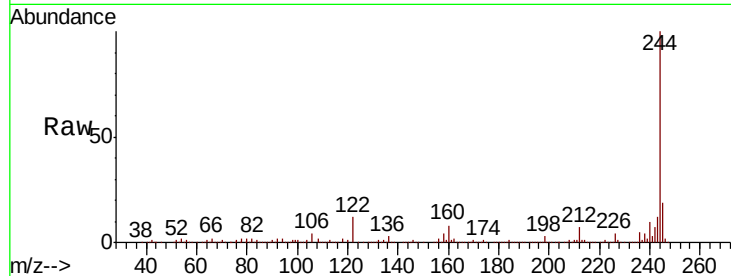




#79
 Terphenyl-d14
 Concen: 110.125 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116596.D
 Acq: 27 Aug 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-D

Tot Ion:244 Resp: 1331499
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 12.2 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BF116596.D
 Acq: 27 Aug 2019 21:29

Tgt Ion:264 Resp: 217053
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.7 17.1 25.7

