

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116400.D
 Acq On : 19 Aug 2019 21:01
 Operator : HP/JU
 Sample : K4272-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Quant Time: Aug 20 02:28:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

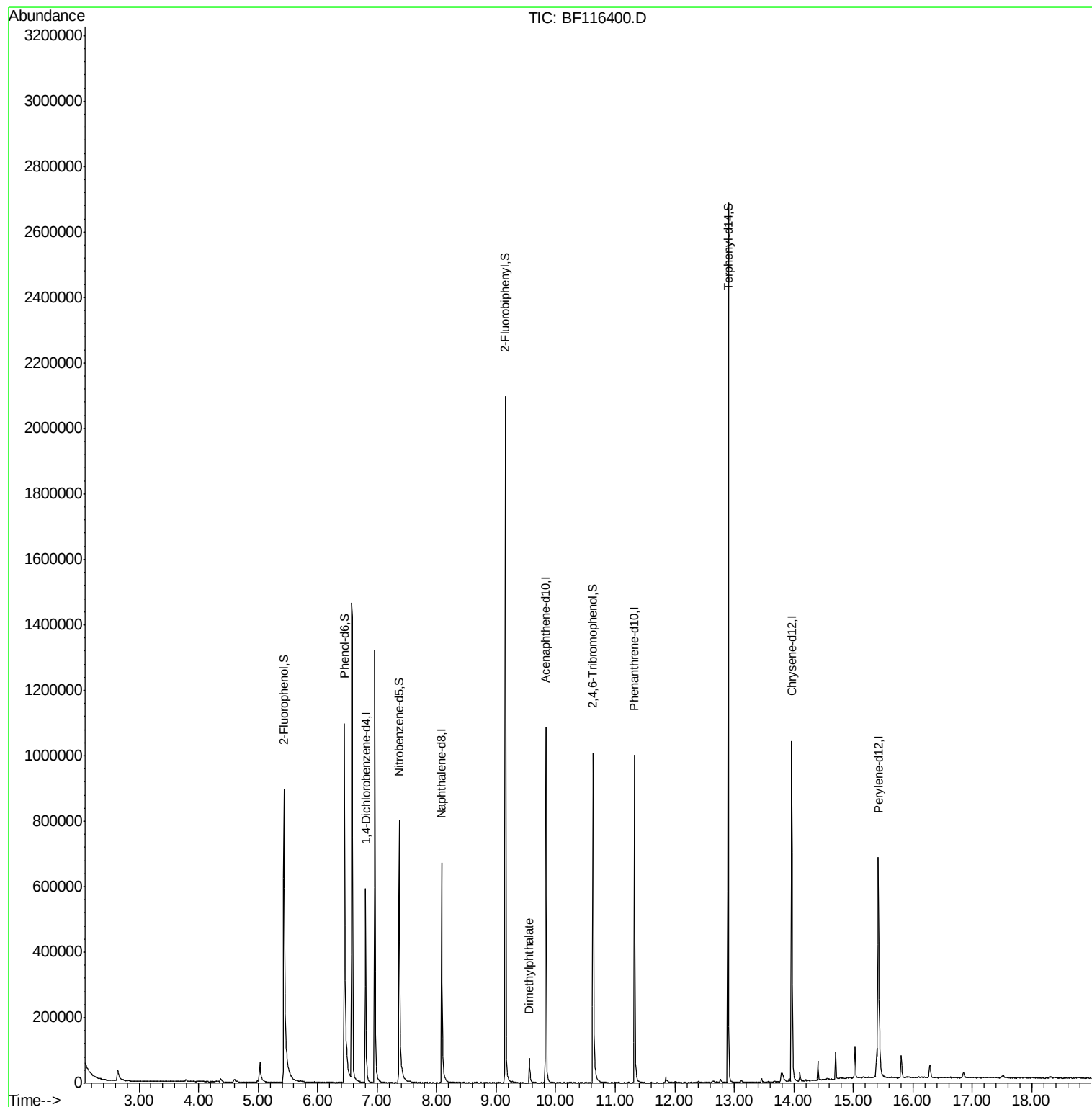
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95356	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	397884	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	215412	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	415872	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	378774	20.00	ng	-0.02
87) Perylene-d12	15.42	264	397398	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	438647	77.01	ng	0.00
7) Phenol-d6	6.45	99	566723	78.86	ng	-0.02
23) Nitrobenzene-d5	7.37	82	354577	51.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	160320	76.76	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	671201	58.36	ng	-0.02
79) Terphenyl-d14	12.90	244	882686	49.10	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	42841	2.921	ng	Qvalue 99

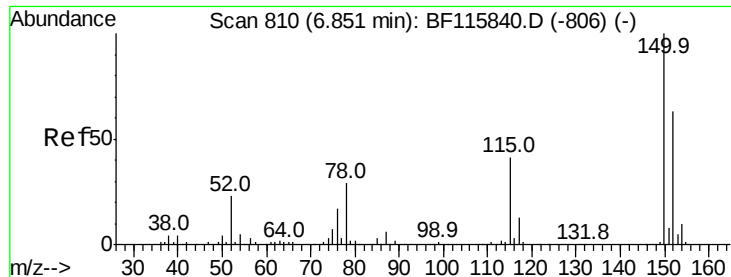
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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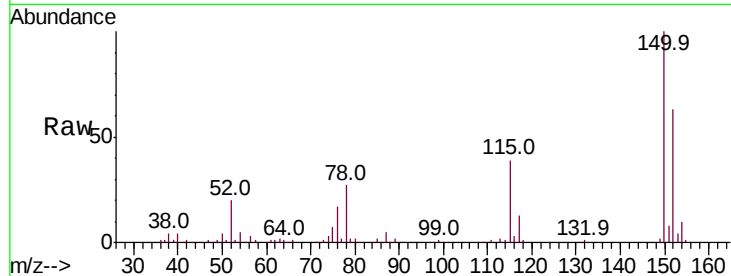


#1

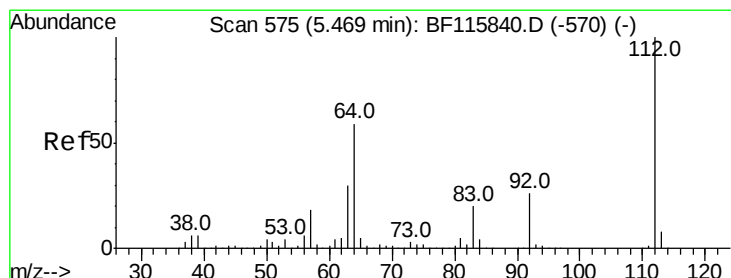
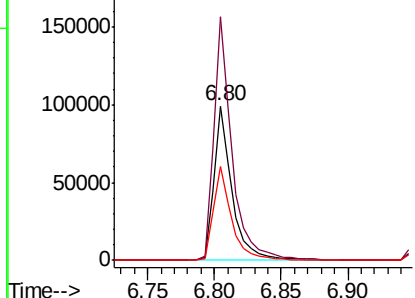
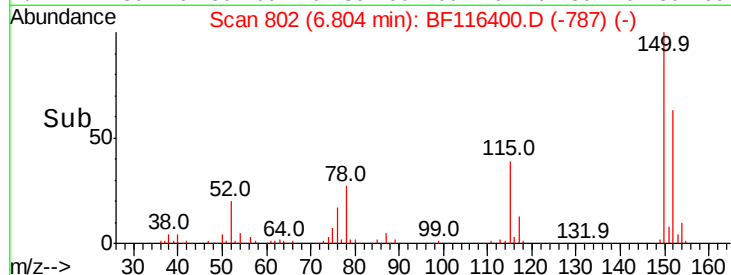
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Tot Ion:152 Resp: 95356
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 60.8 49.9 74.9



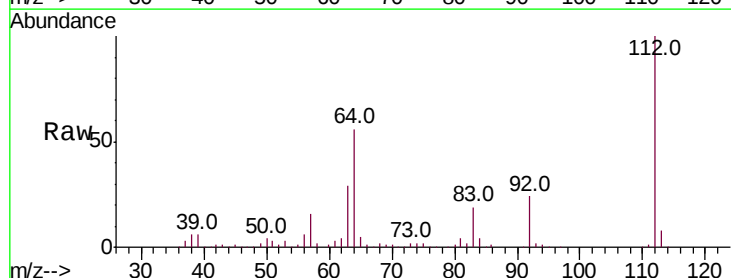
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



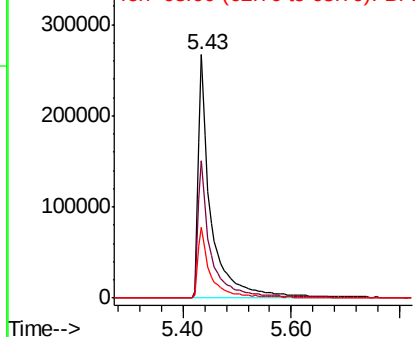
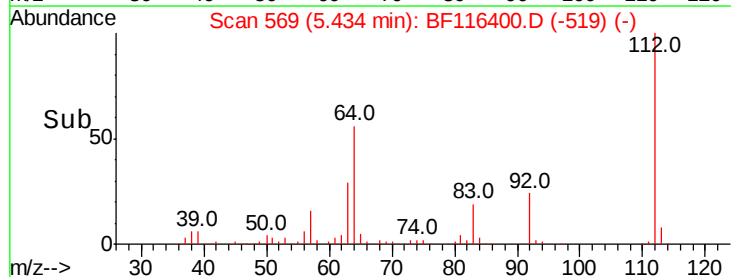
#5

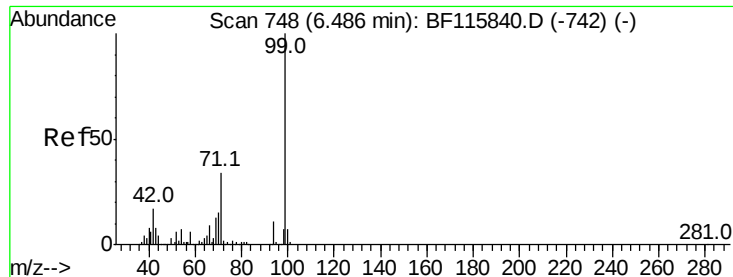
2-Fluorophenol
 Concen: 77.008 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Tgt Ion:112 Resp: 438647
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.4 68.2
 63 28.9 23.7 35.5



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: 78.858 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Instrument :

BNA_F

ClientSampleId :

2S-K-(0-1)

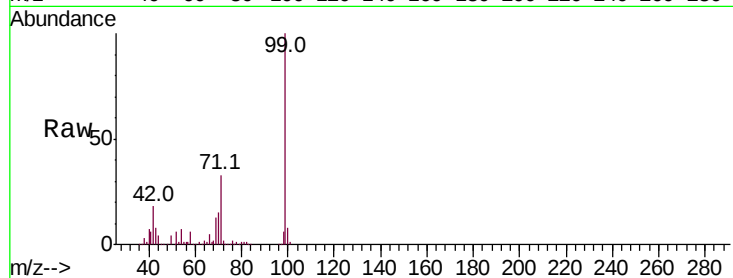
Tot Ion: 99 Resp: 566723

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

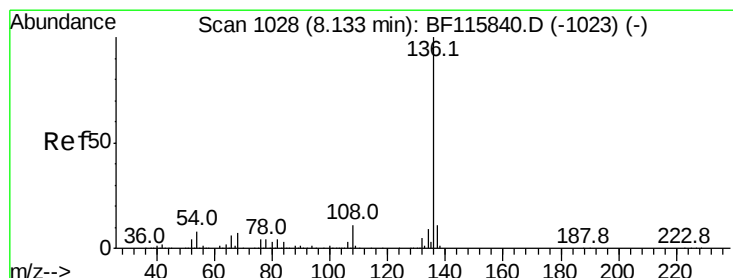
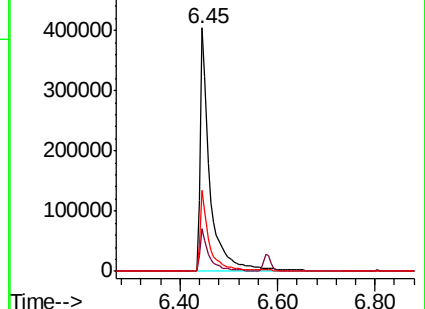
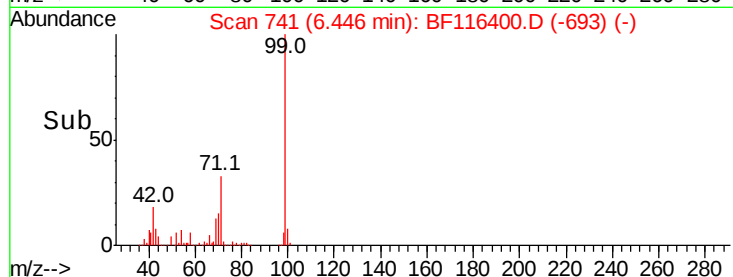
71 33.1 27.3 40.9



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Tgt Ion: 136 Resp: 397884

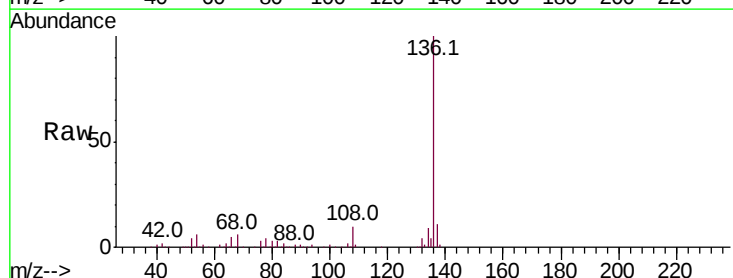
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.4 5.8 8.6

68 6.0 5.2 7.8

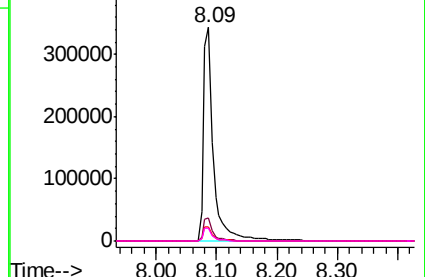
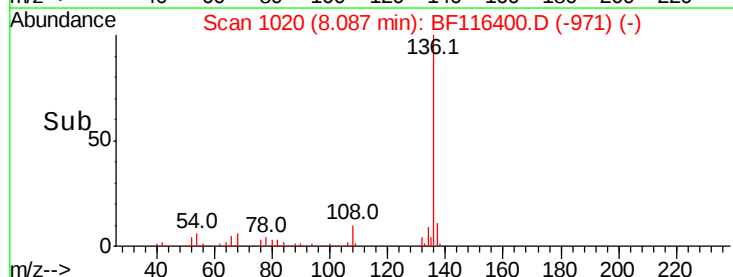


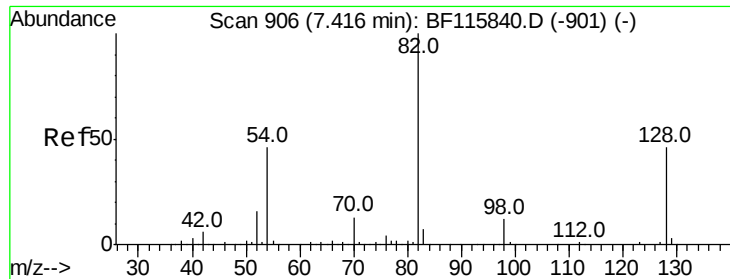
Abundance Ion 136.00 (135.70 to 136.70): E

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

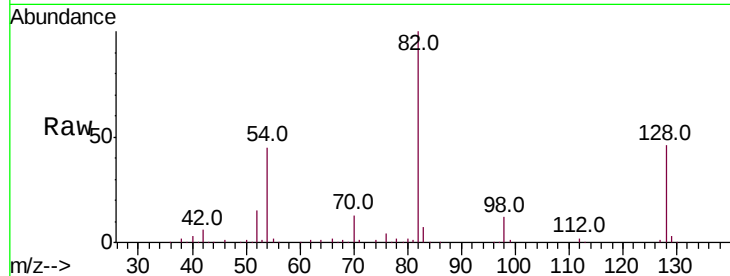




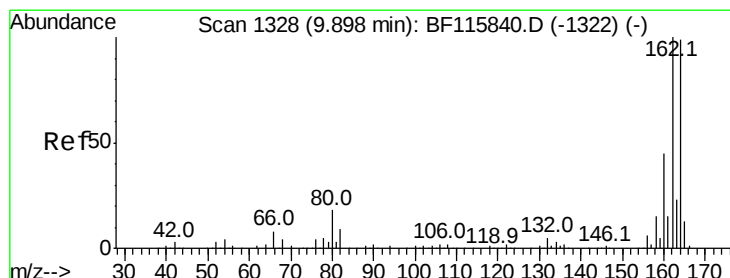
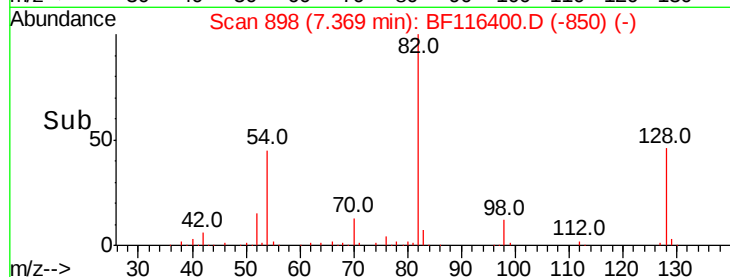
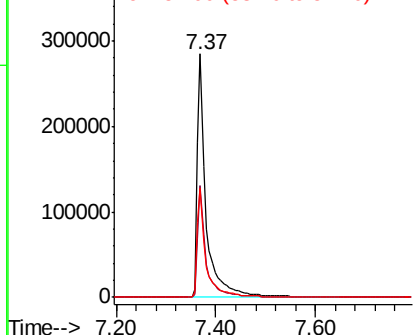
#23
 Nitrobenzene-d5
 Concen: 51.440 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Tot Ion: 82 Resp: 354577
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 44.7 36.0 54.0

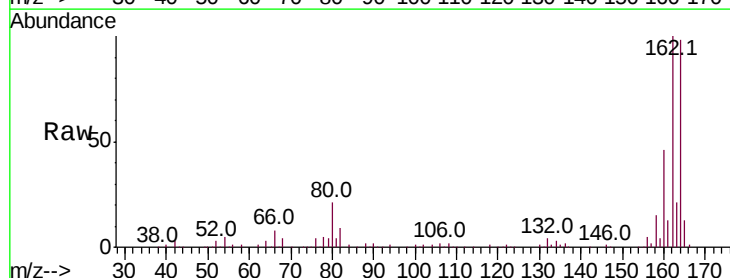


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

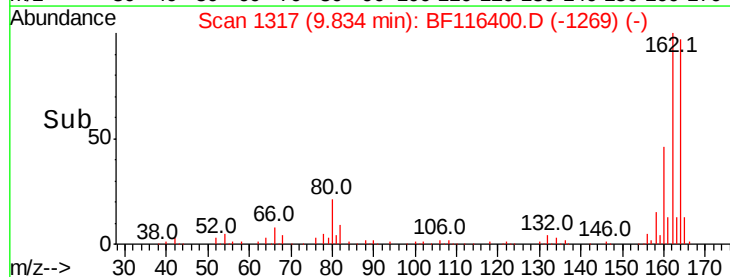
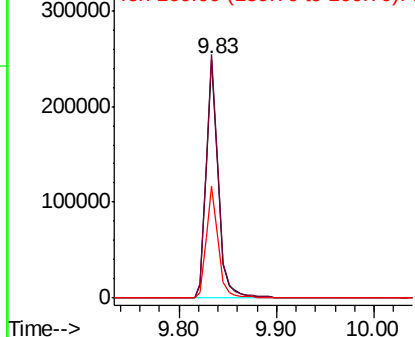


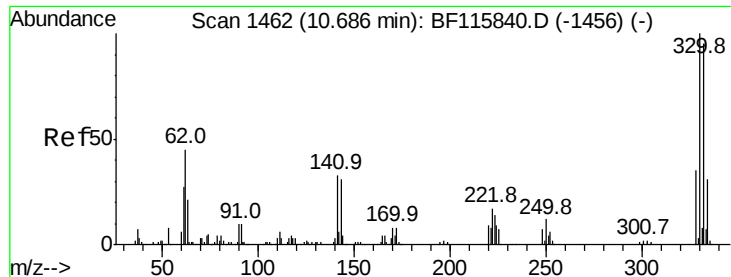
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Tgt Ion: 164 Resp: 215412
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 124.0
 160 46.9 37.6 56.4



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

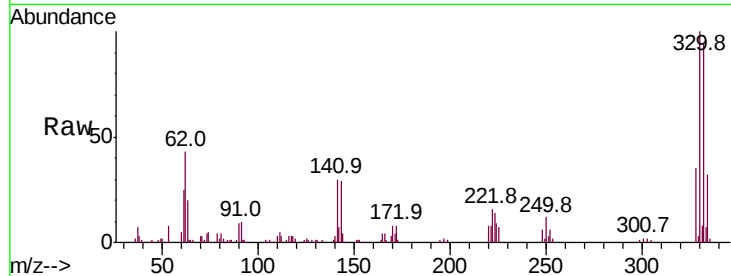




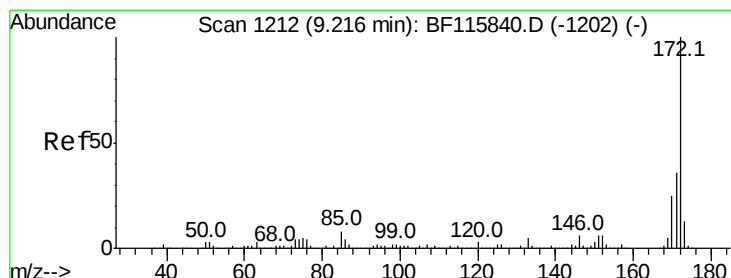
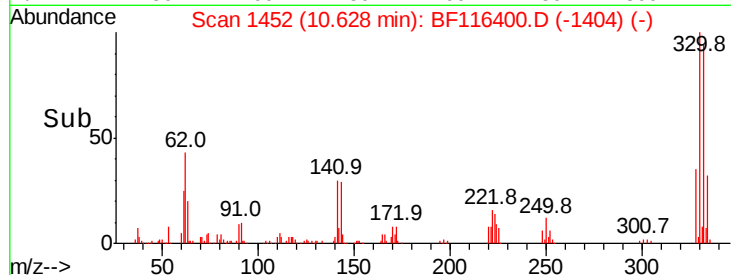
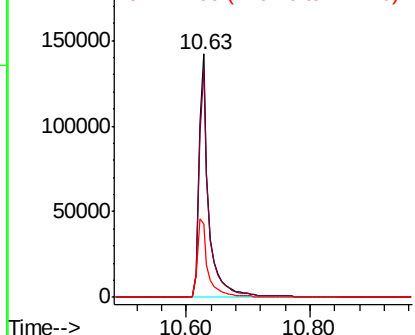
#42
 2,4,6-Tribromophenol
 Concen: 76.764 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Tot Ion:330 Resp: 160320
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 34.4 26.3 39.5

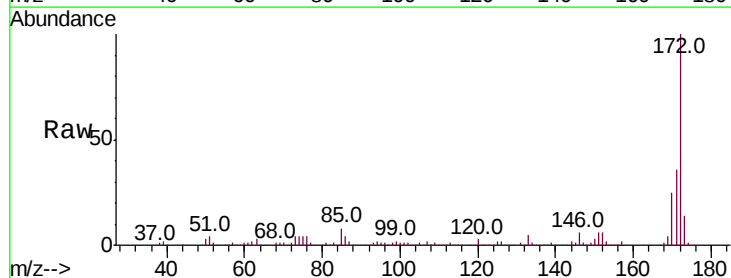


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

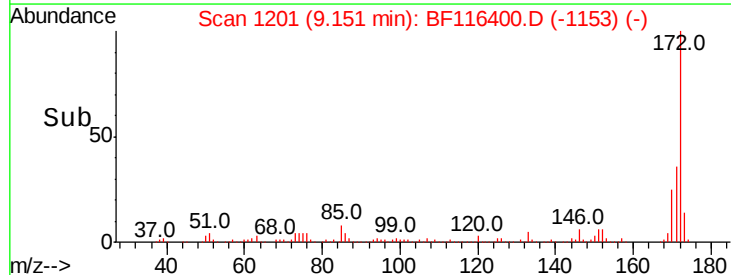
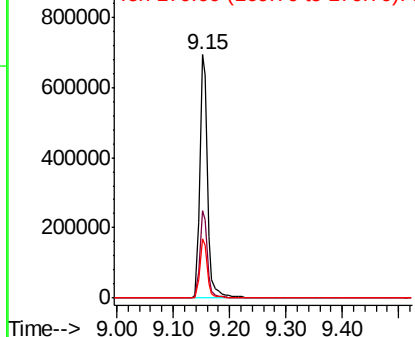


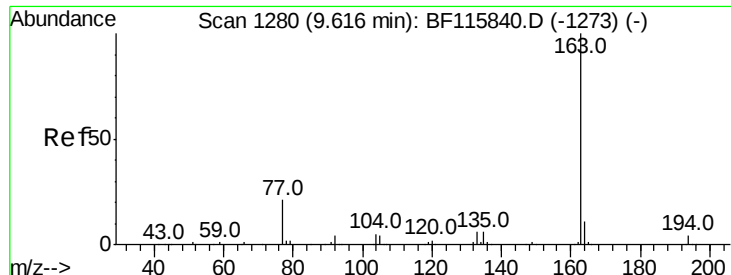
#45
 2-Fluorobiphenyl
 Concen: 58.363 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Tgt Ion:172 Resp: 671201
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.6 20.1 30.1



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

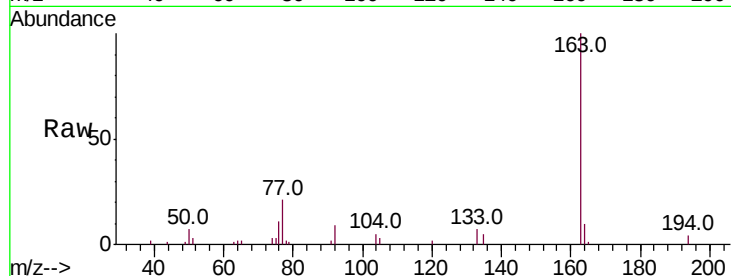




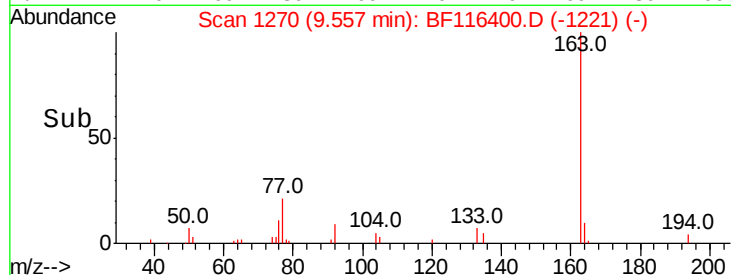
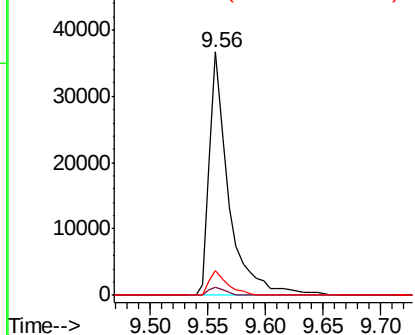
#50
Dimethylphthalate
Concen: 2.921 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :
2S-K-(0-1)

Tot Ion:163 Resp: 42841
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 8.4 12.6

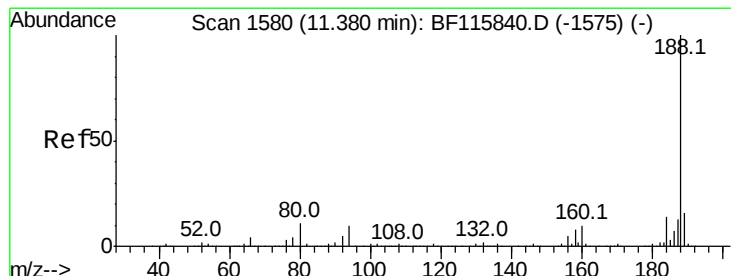


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

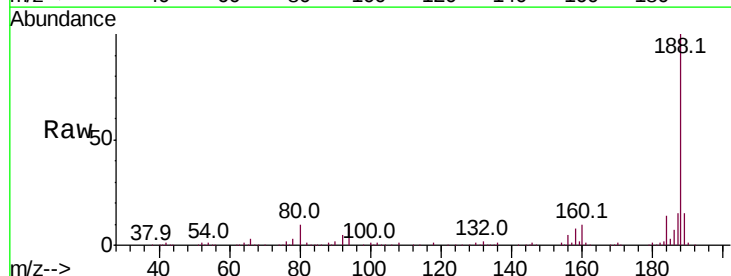
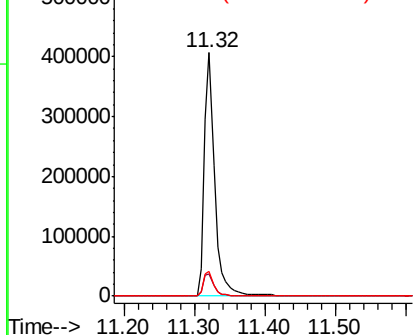


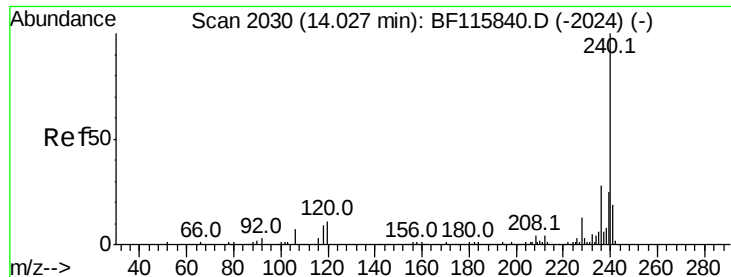
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Tgt Ion:188 Resp: 415872
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 10.3 8.7 13.1



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Instrument :

BNA_F

ClientSampleId :

2S-K-(0-1)

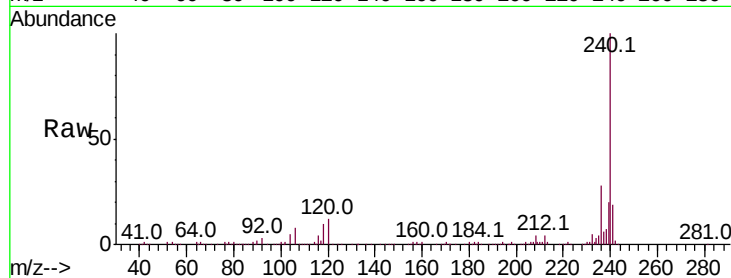
Tot Ion:240 Resp: 378774

Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

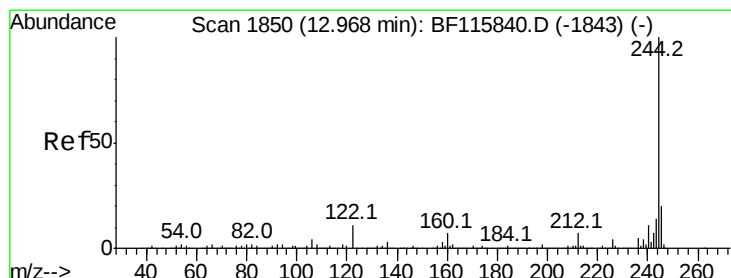
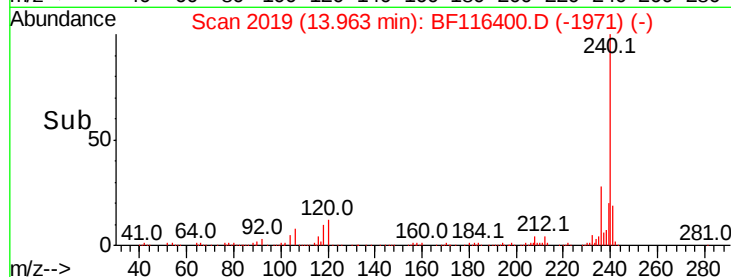
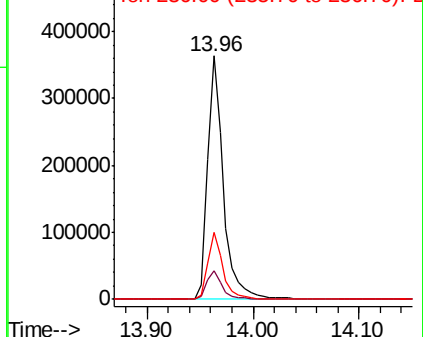
236 27.5 22.2 33.2



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: 49.105 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

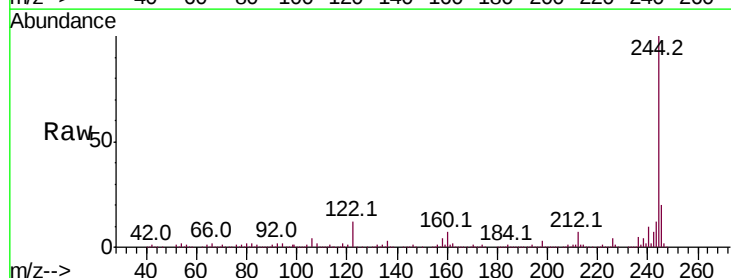
Tgt Ion:244 Resp: 882686

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

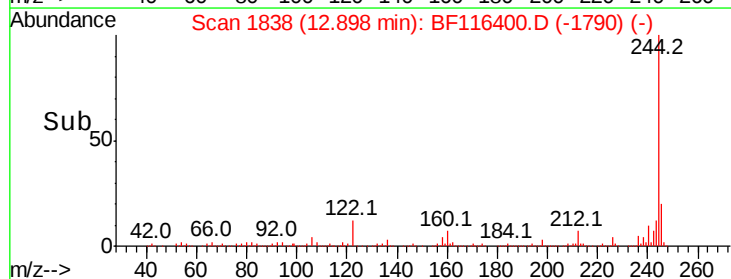
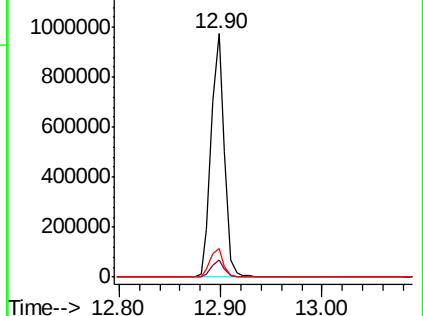
122 12.0 9.0 13.4

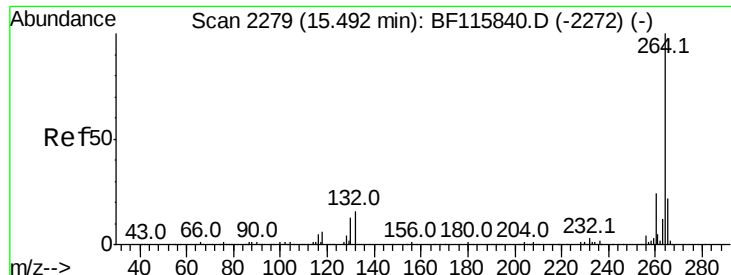


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

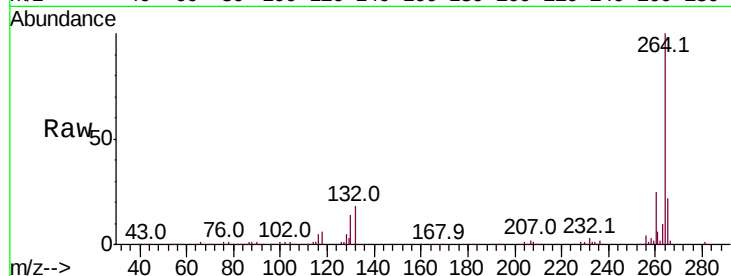




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :
2S-K-(0-1)

Tot Ion:	264	Resp:	397398
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.4	17.4	26.0



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

