

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116382.D
 Acq On : 19 Aug 2019 10:53
 Operator : HP/JU
 Sample : PB122335BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BL

Quant Time: Aug 19 16:30:21 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	121555	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	458276	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	242796	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	442244	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	323389	20.00	ng	-0.02
87) Perylene-d12	15.42	264	308249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1060111	146.00	ng	0.00
7) Phenol-d6	6.45	99	1377880	150.40	ng	-0.01
23) Nitrobenzene-d5	7.37	82	889361	112.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	363429	154.39	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1459312	112.58	ng	-0.01
79) Terphenyl-d14	12.90	244	1660770	108.21	ng	-0.01

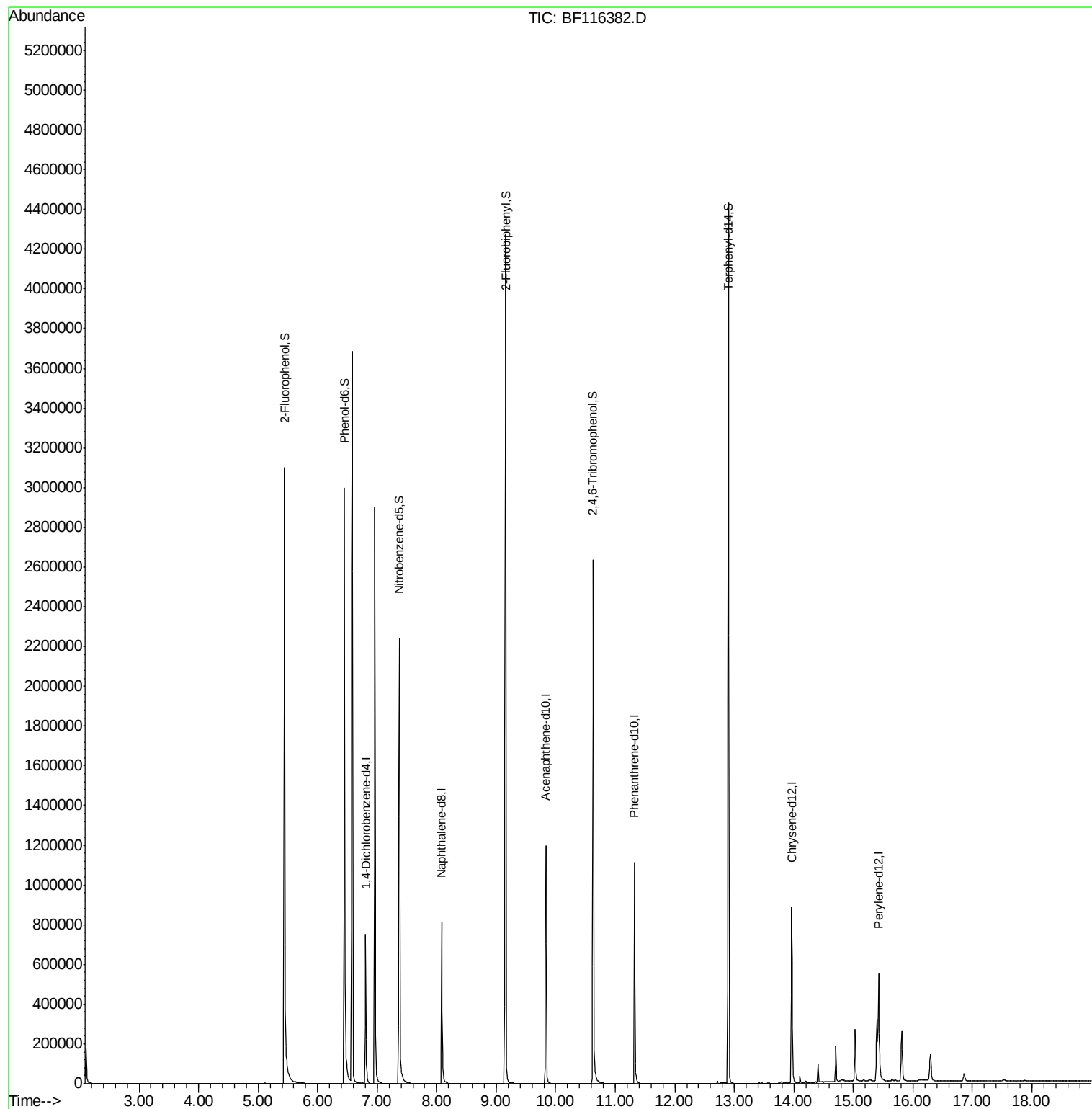
Target Compounds Qvalue

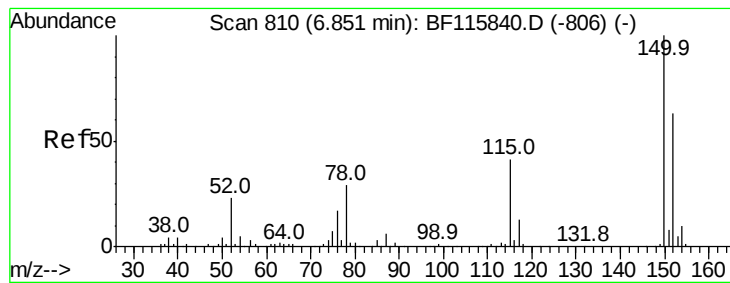
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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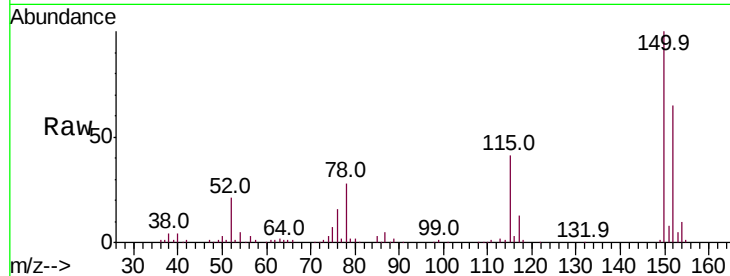


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB122335BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	62.7	49.9	74.9

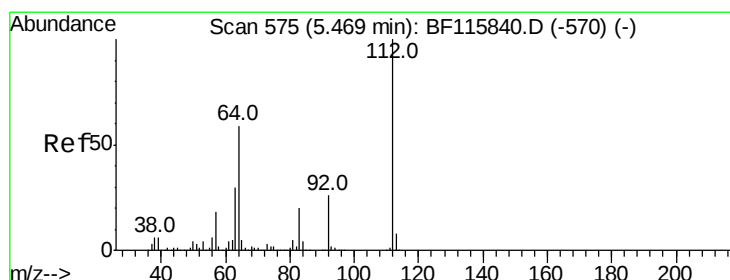
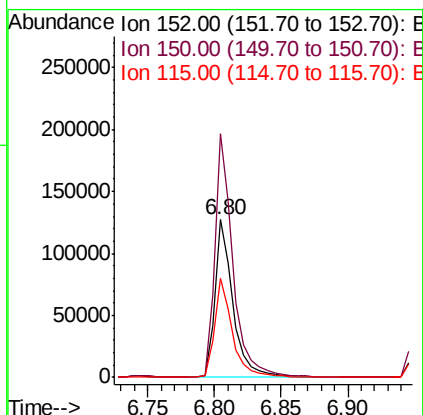
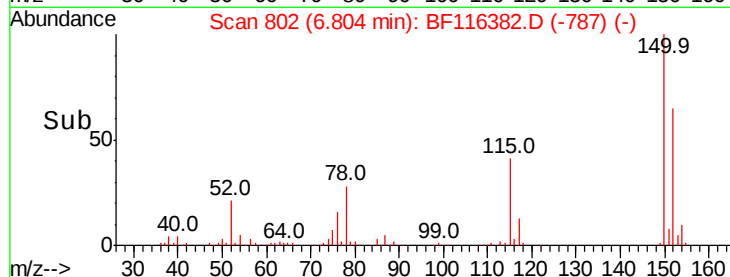


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

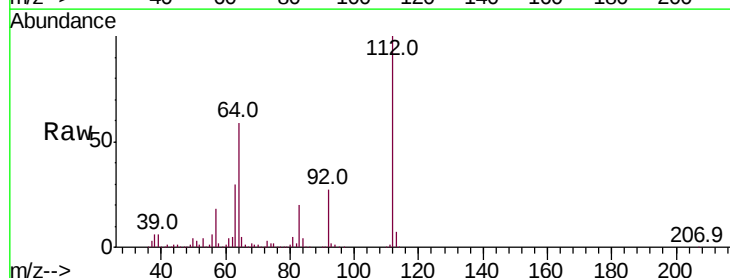
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.999 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116382.D
Acq: 19 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	30.5	23.7	35.5

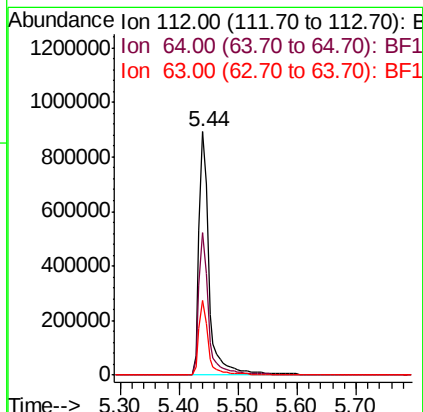
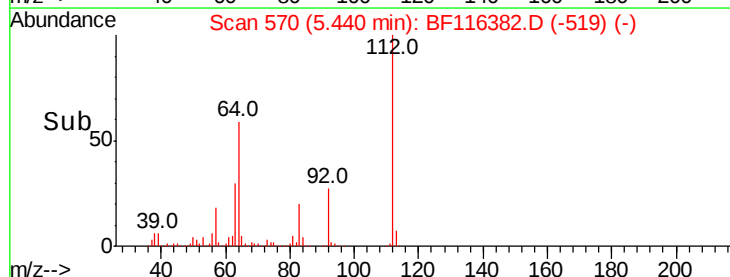


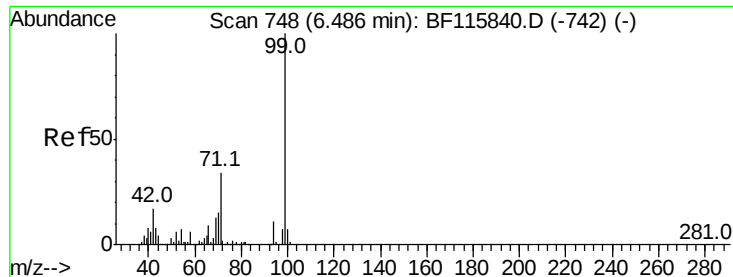
Abundance

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: 150.405 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB122335BL

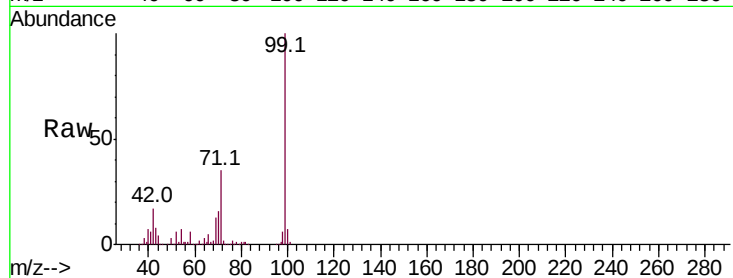
Tot Ion: 99 Resp: 1377880

Ion Ratio Lower Upper

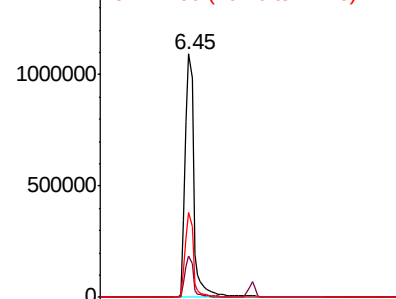
99 100

42 17.0 13.8 20.8

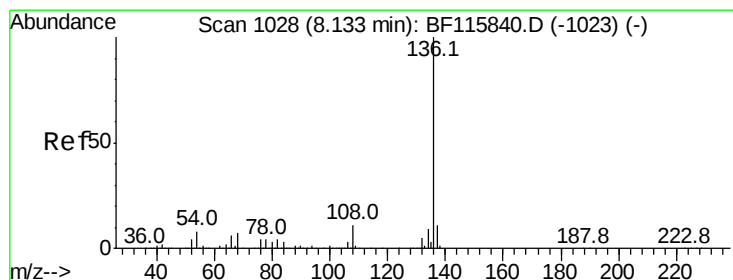
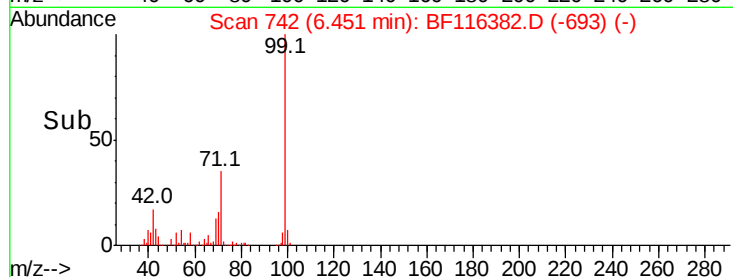
71 34.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

Tgt Ion: 136 Resp: 458276

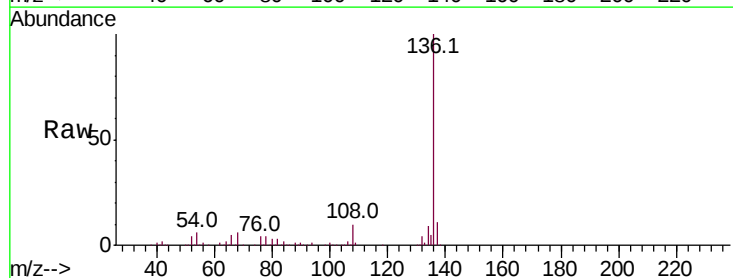
Ion Ratio Lower Upper

136 100

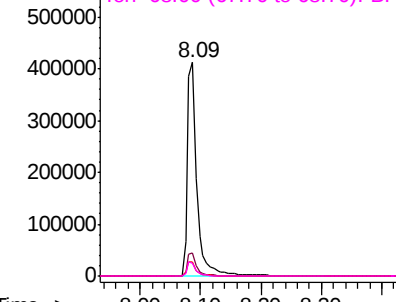
137 10.9 9.0 13.4

54 6.3 5.8 8.6

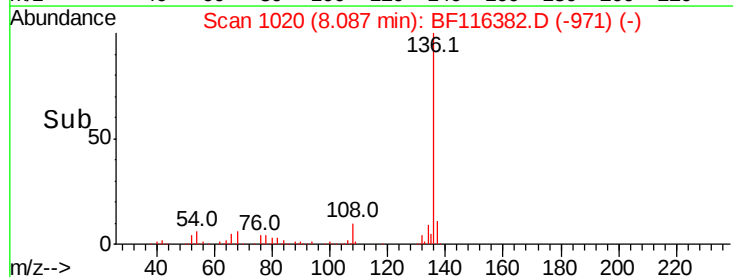
68 6.0 5.2 7.8

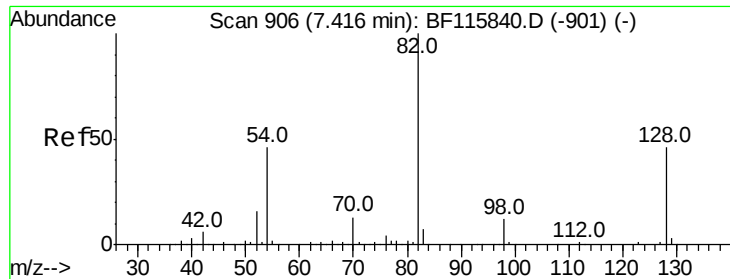


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

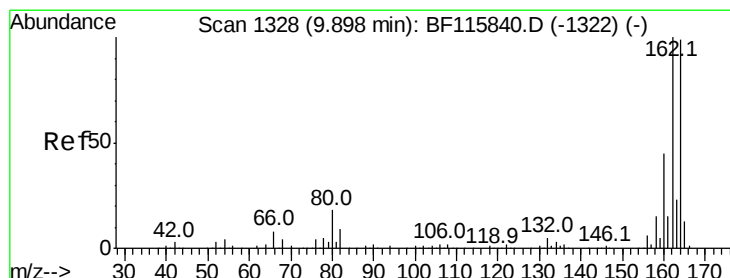
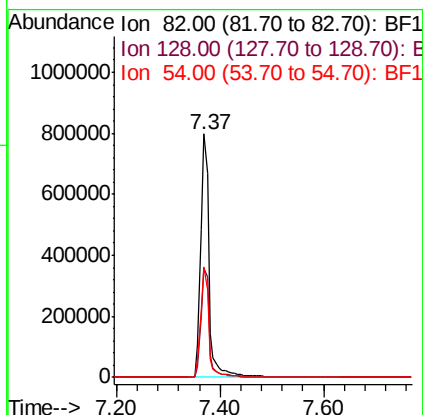
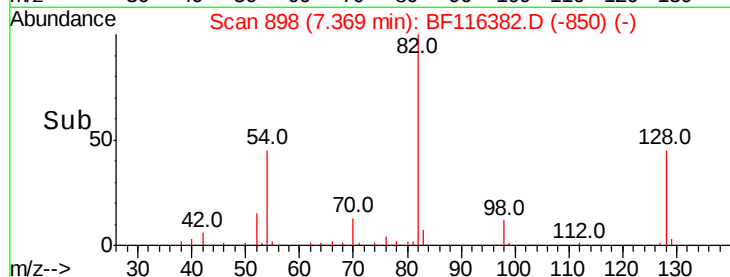
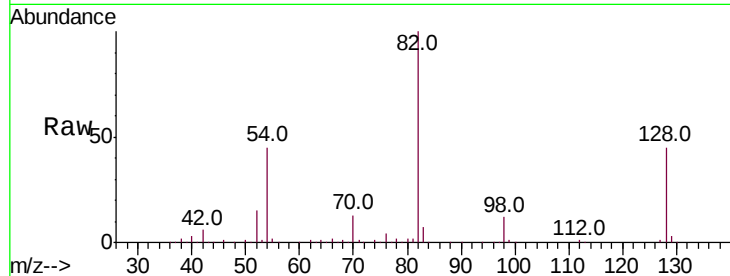




#23
 Nitrobenzene-d5
 Concen: 112.021 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

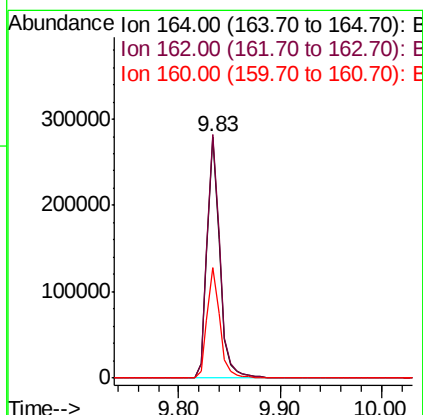
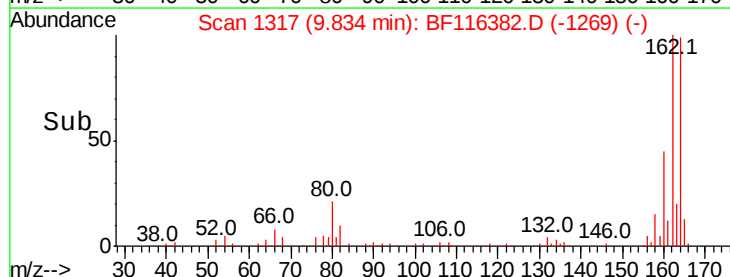
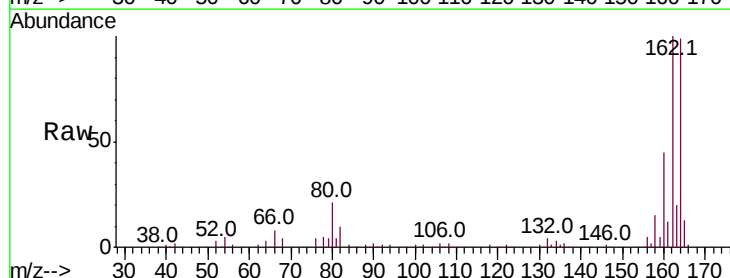
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BL

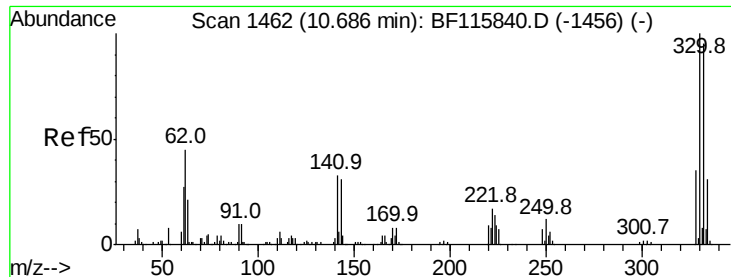
Tot Ion: 82 Resp: 889361
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.5 54.7
 54 45.2 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion: 164 Resp: 242796
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 124.0
 160 45.6 37.6 56.4

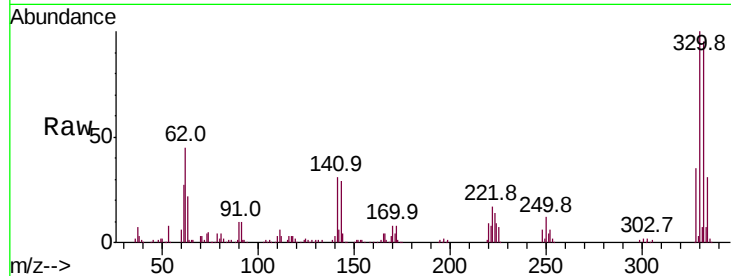




#42
 2,4,6-Tribromophenol
 Concen: 154.390 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.8	115.2
141	32.6	26.3	39.5

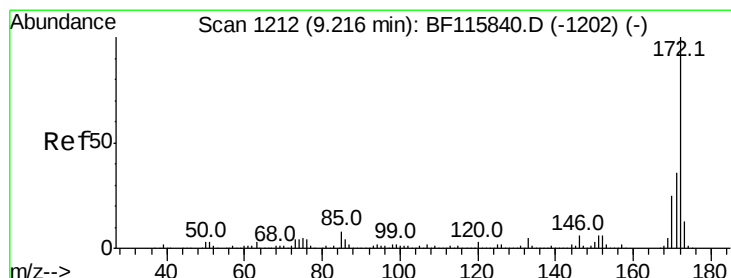
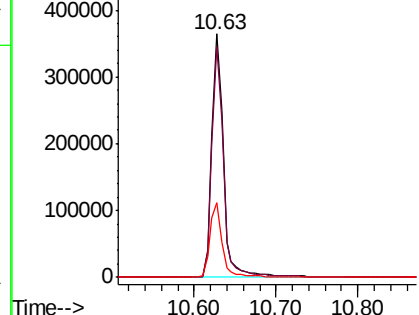
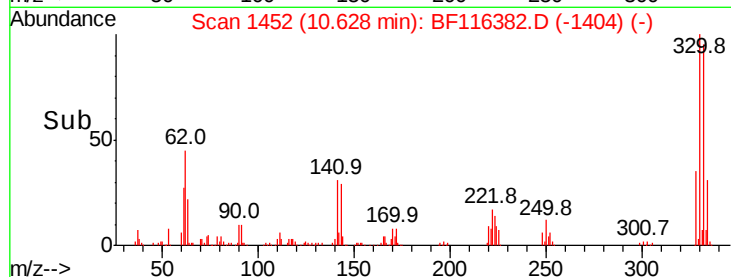


Abundance

Ion 329.80 (329.50 to 330.50): E

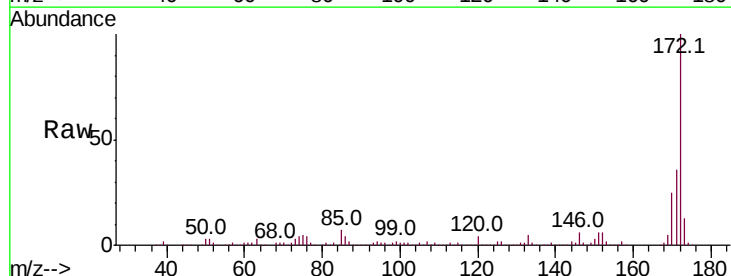
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.580 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.9	20.1	30.1

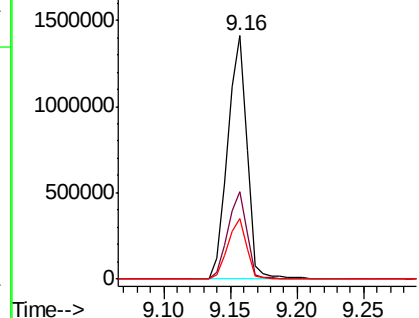
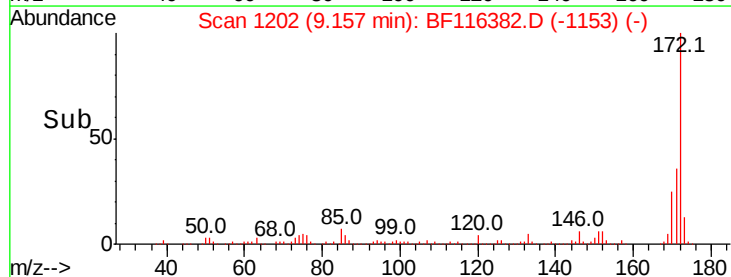


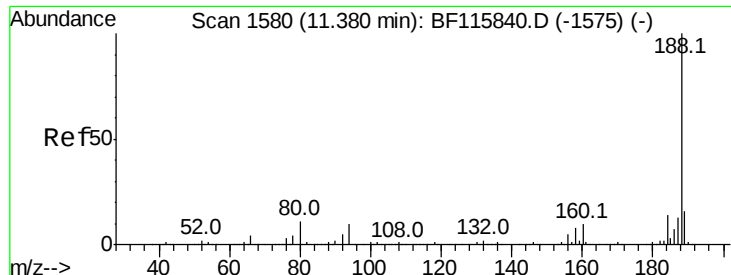
Abundance

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

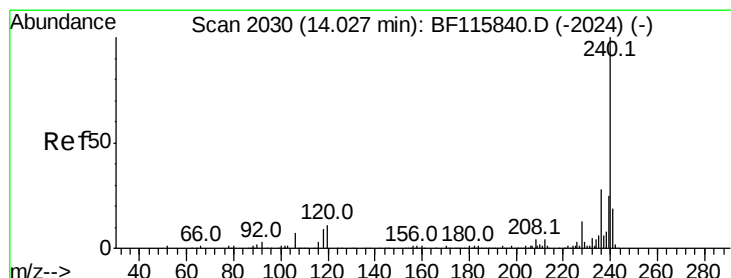
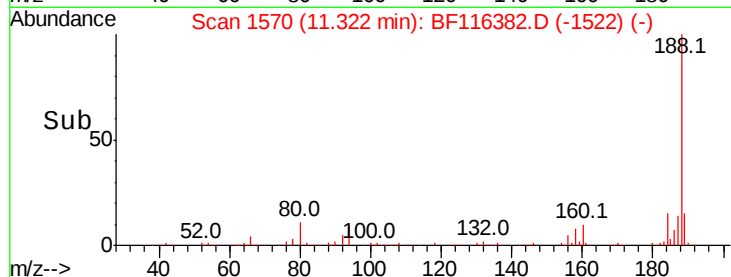
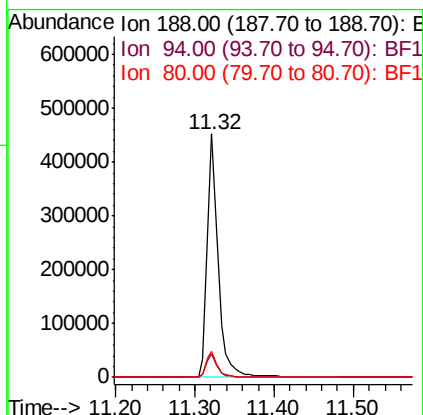
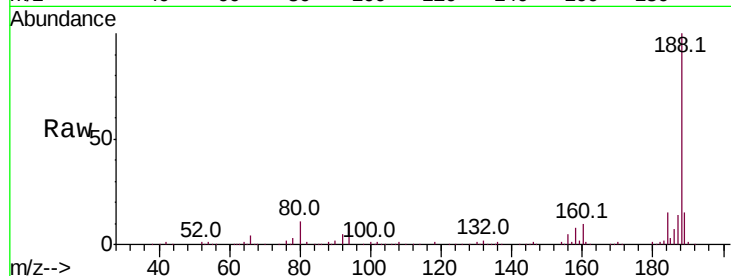




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

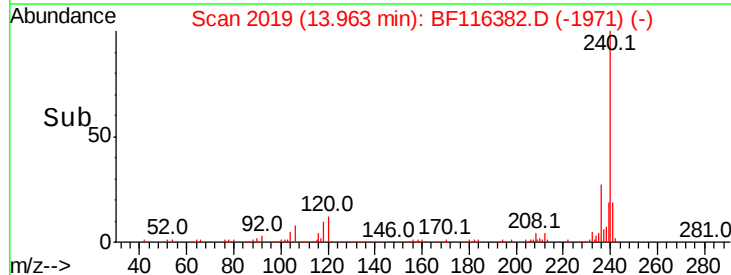
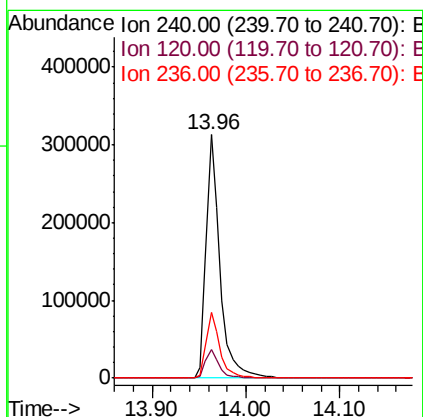
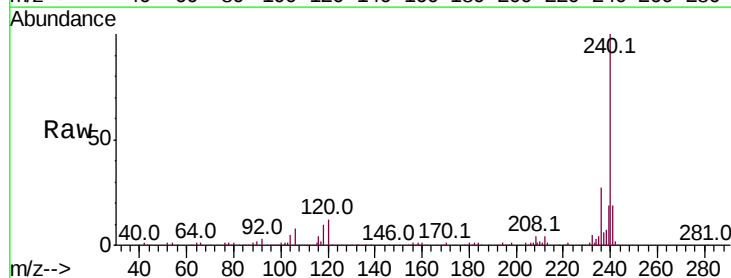
Instrument :
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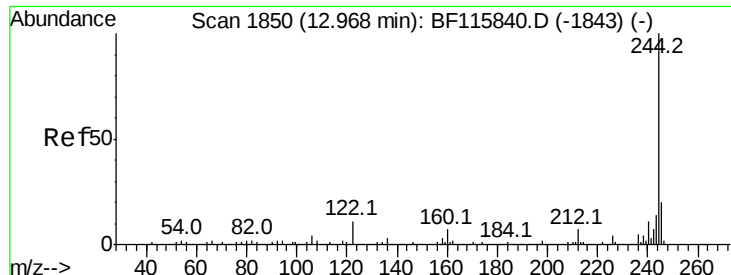
Tot Ion:188 Resp: 442244
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.1 12.1
 80 10.9 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116382.D
 Acq: 19 Aug 2019 10:53

Tgt Ion:240 Resp: 323389
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.7 16.1
 236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 108.214 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB122335BL

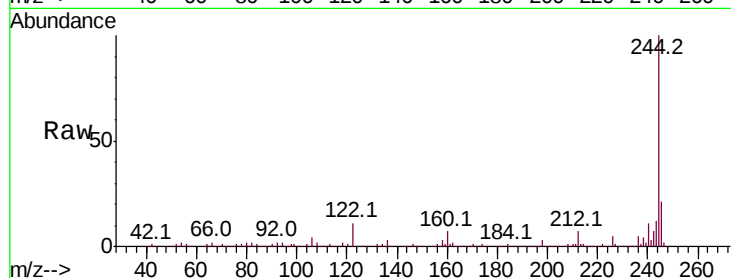
Tot Ion:244 Resp: 1660770

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

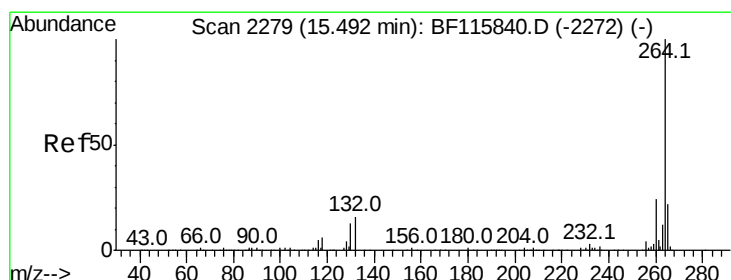
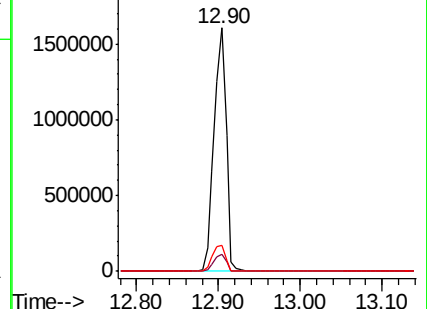
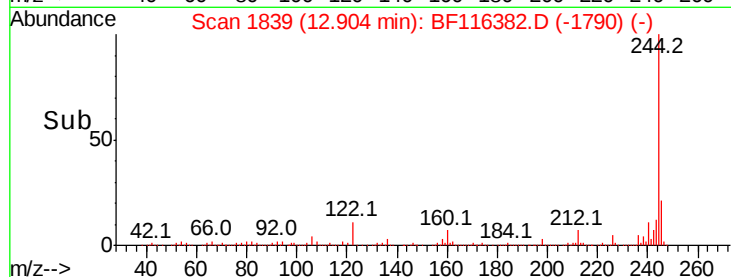
122 10.8 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116382.D

Acq: 19 Aug 2019 10:53

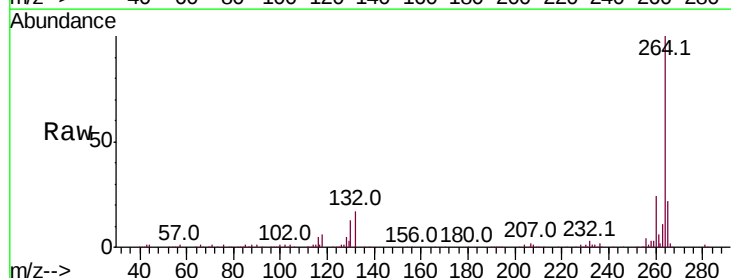
Tgt Ion:264 Resp: 308249

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.8 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

