

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
 Data File : BF115973.D
 Acq On : 3 Aug 2019 11:30
 Operator : HP/JU
 Sample : PB121947BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BL

Quant Time: Aug 05 01:40:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149855	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	584966	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	317053	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	571919	20.00	ng	0.00
76) Chrysene-d12	14.02	240	432338	20.00	ng	0.00
87) Perylene-d12	15.50	264	385873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1128544	126.07	ng	0.02
7) Phenol-d6	6.49	99	1468131	129.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	965285	95.25	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	414256	134.76	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1662805	98.23	ng	0.00
79) Terphenyl-d14	12.97	244	1922225	93.69	ng	0.00

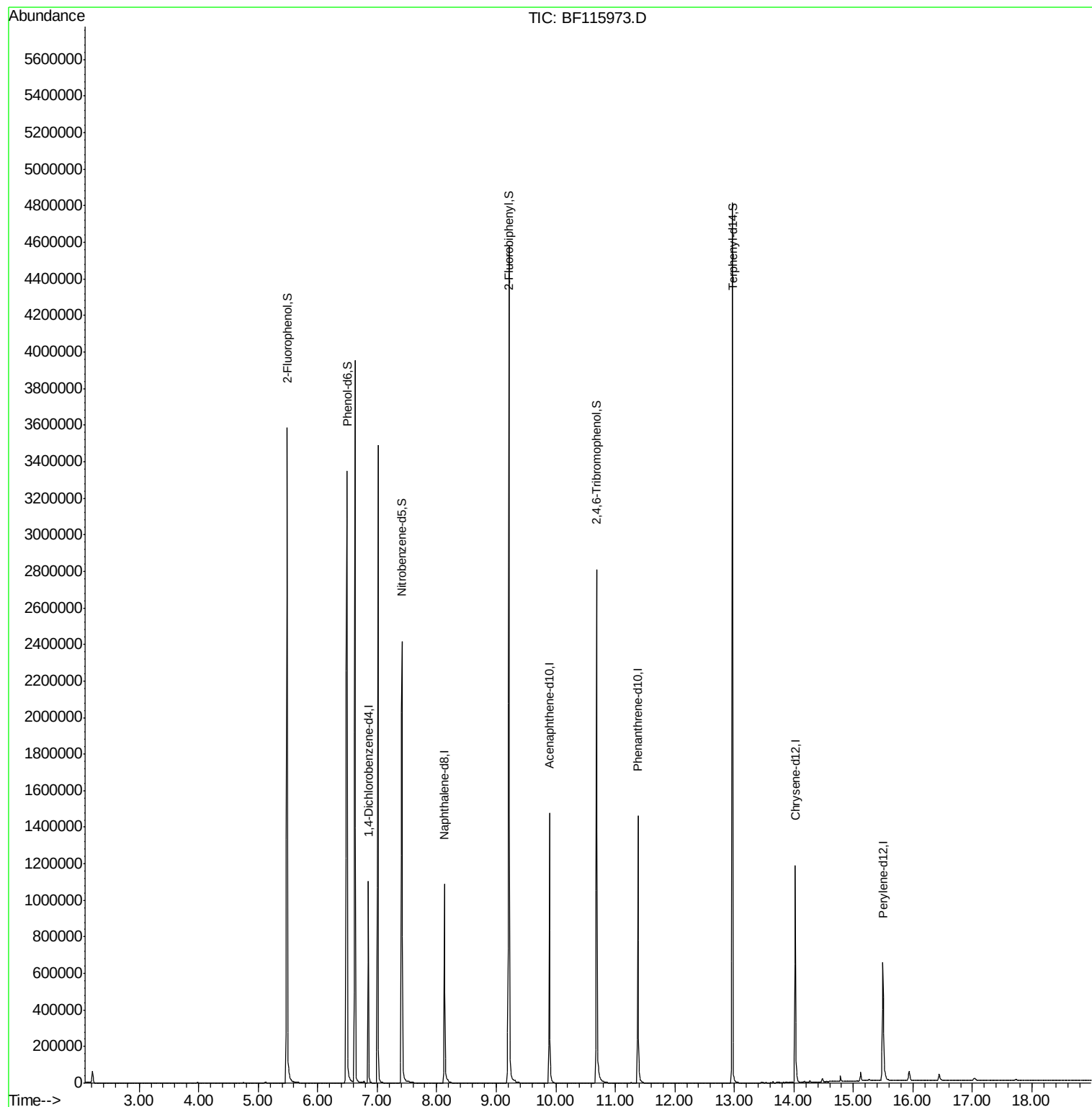
Target Compounds Qvalue

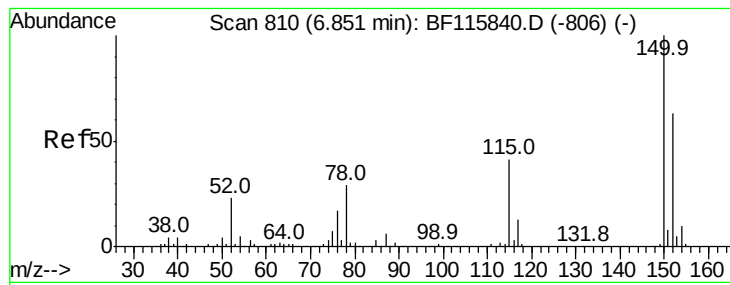
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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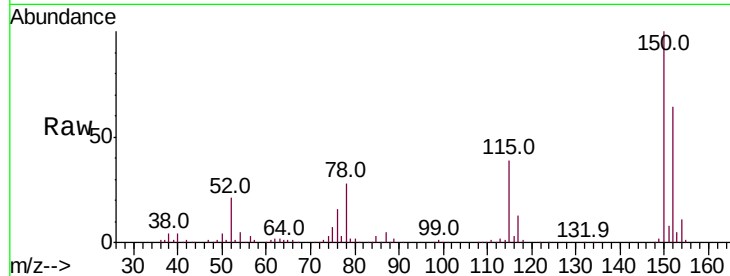




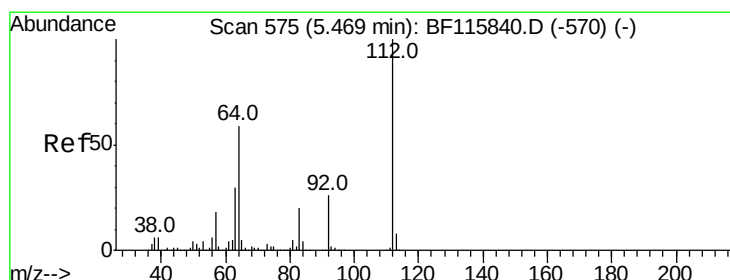
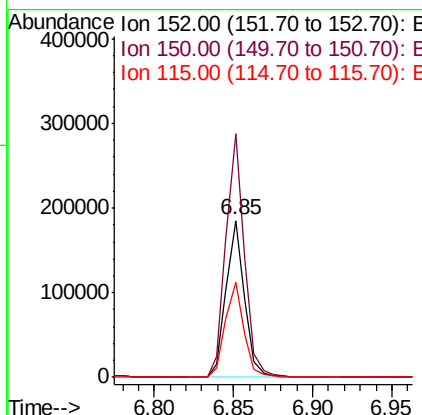
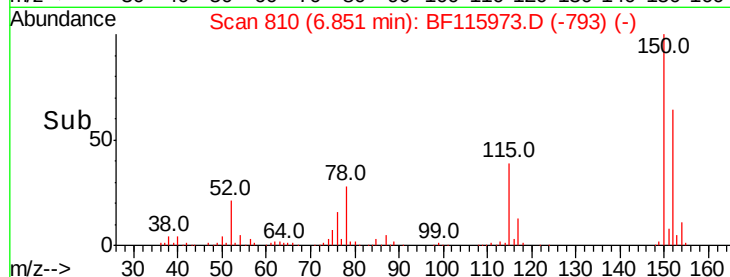
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BL

Tot Ion:152 Resp: 149855
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 60.8 51.8 77.8

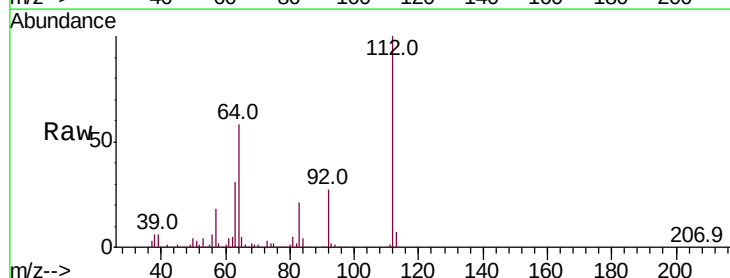


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

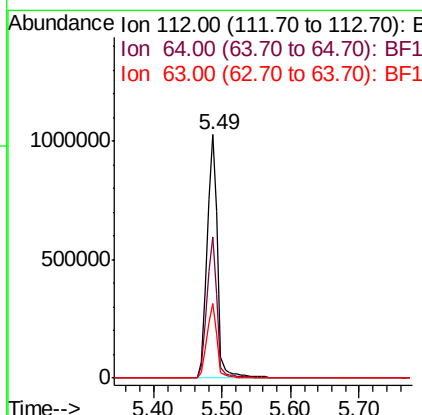
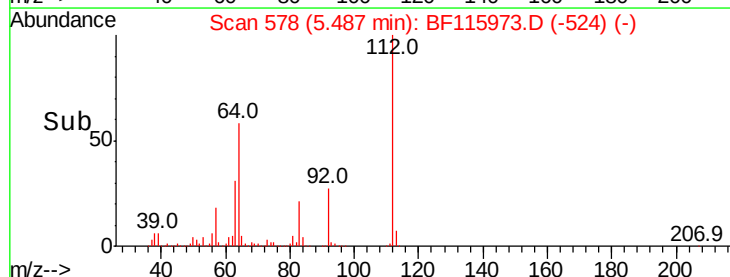


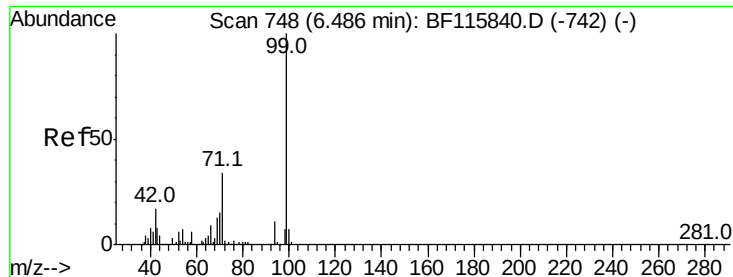
#5
 2-Fluorophenol
 Concen: 126.072 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Tgt Ion:112 Resp: 1128544
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.8 70.2
 63 30.9 24.2 36.2



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: 129.992 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115973.D

Acq: 3 Aug 2019 11:30

Instrument :

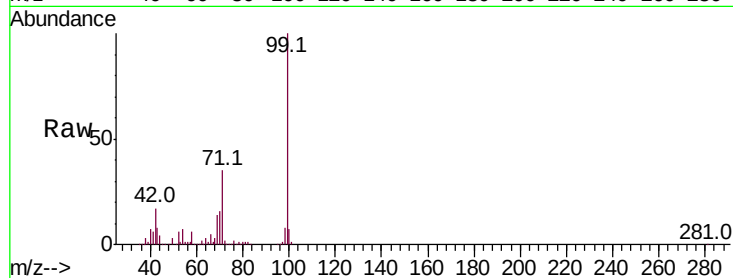
BNA_F

ClientSampleId :

PB121947BL

Tot Ion: 99 Resp: 1468131

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	34.5	27.1	40.7

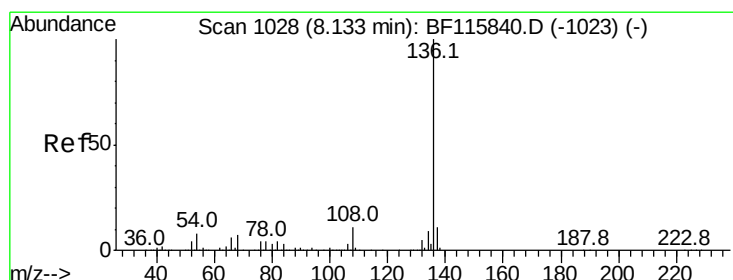
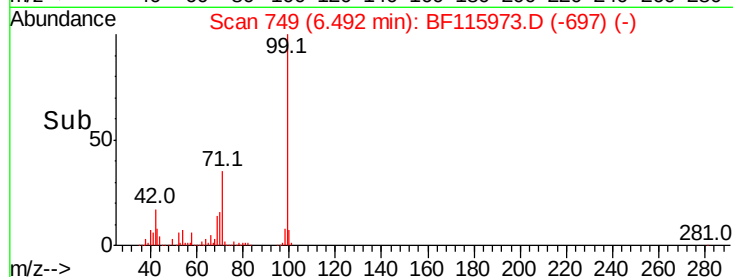
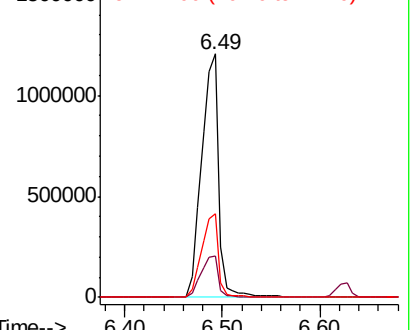


Abundance

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: 8.13 min Scan# 1028

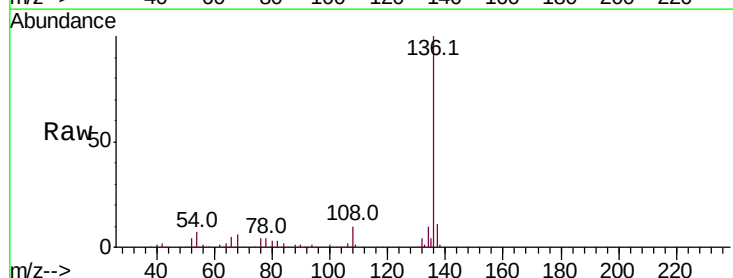
Delta R.T. 0.00 min

Lab File: BF115973.D

Acq: 3 Aug 2019 11:30

Tgt Ion: 136 Resp: 584966

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.8	6.1	9.1
68	5.9	5.4	8.2



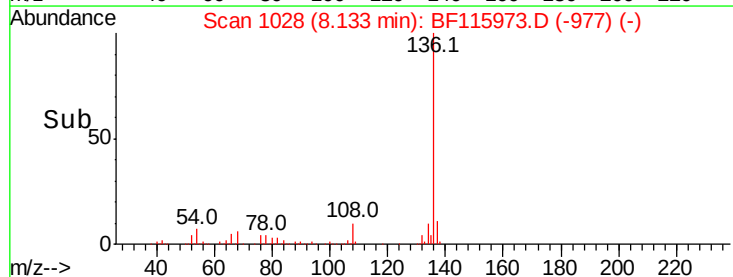
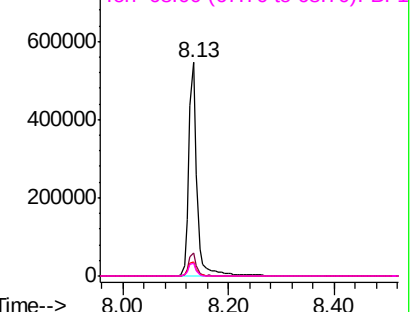
Abundance

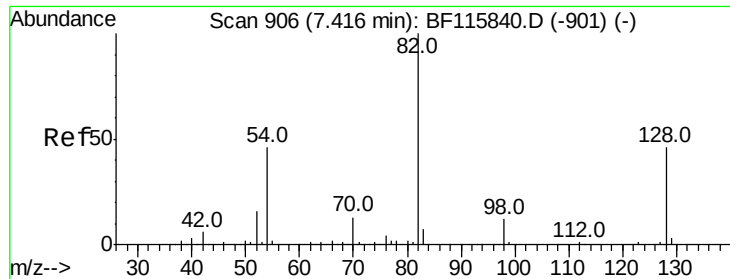
Ion 136.00 (135.70 to 136.70): E

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

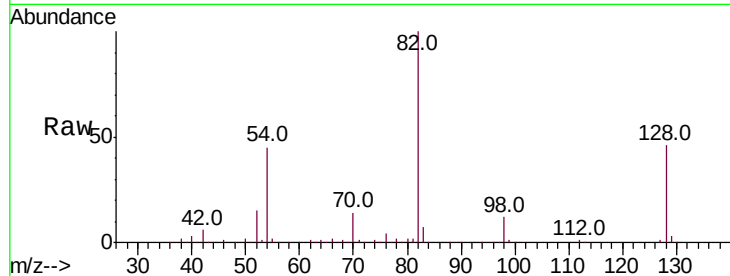




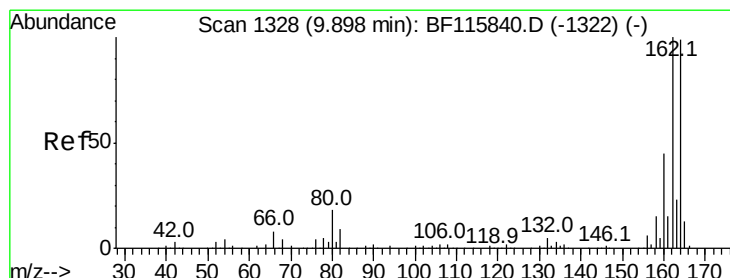
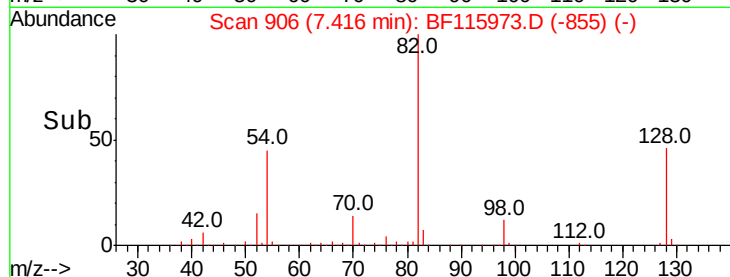
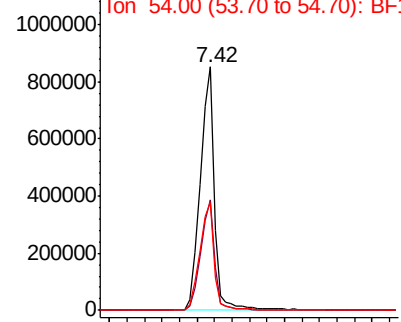
#23
 Nitrobenzene-d5
 Concen: 95.252 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampled :
 PB121947BL

Tot Ion: 82 Resp: 965285
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.6 55.0
 54 44.5 36.6 55.0

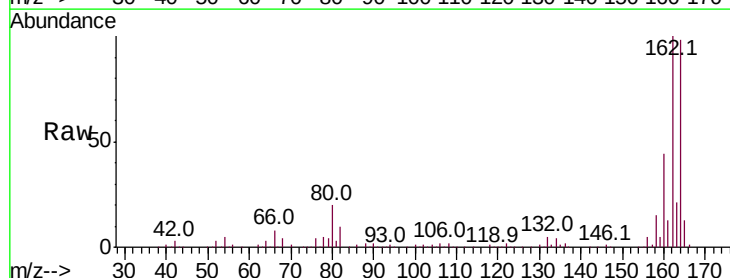


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

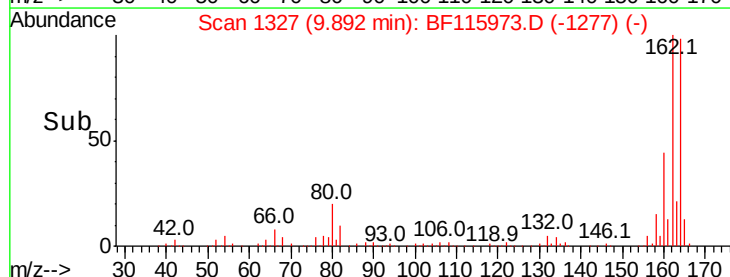
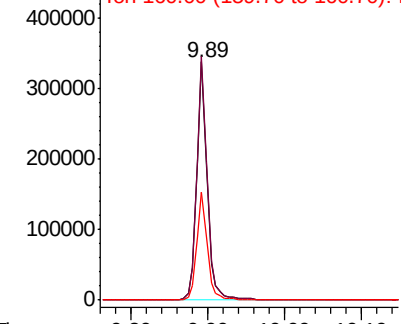


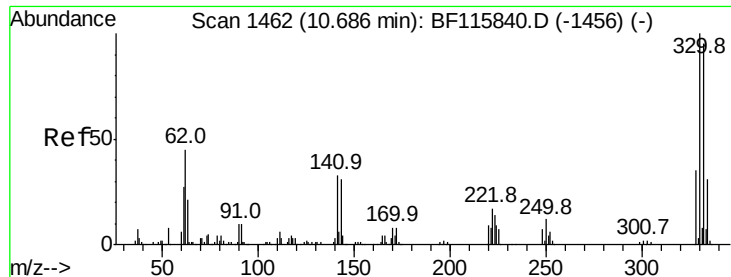
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Tgt Ion: 164 Resp: 317053
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.8 121.2
 160 45.2 36.2 54.4



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

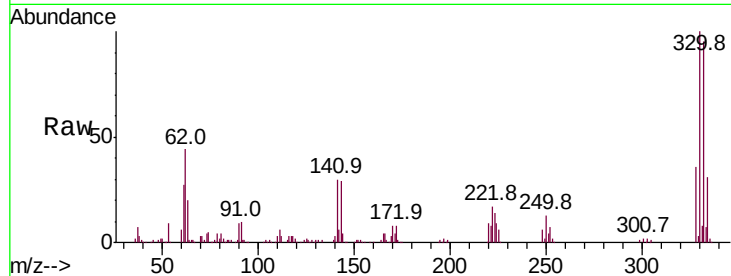




#42
 2,4,6-Tribromophenol
 Concen: 134.765 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.7	116.5
141	32.9	28.1	42.1

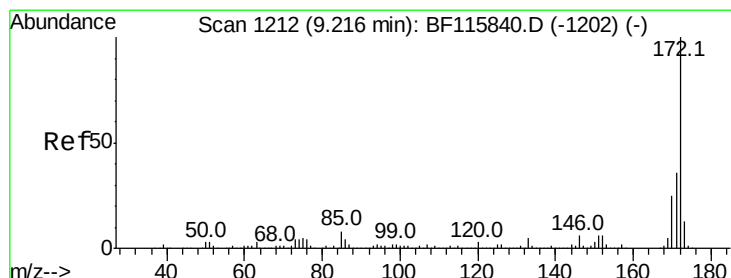
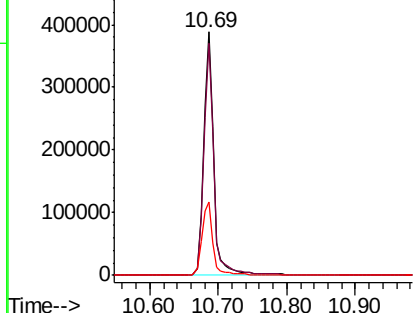
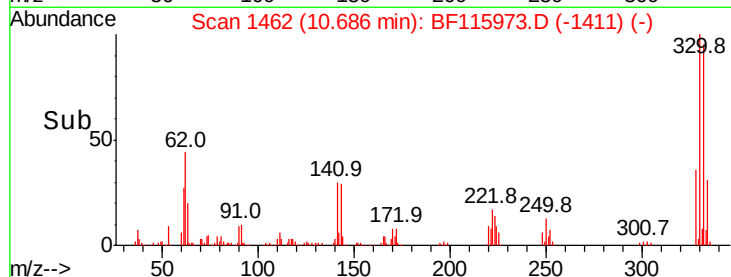


Abundance

Ion 329.80 (329.50 to 330.50): E

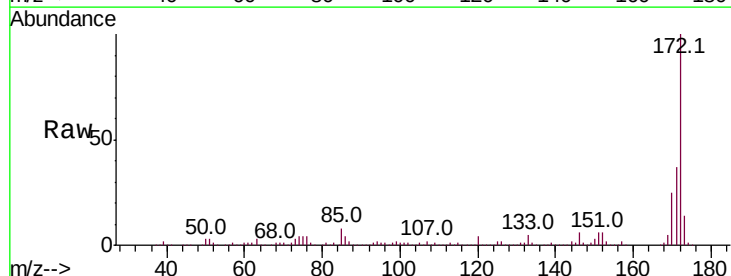
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.235 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.1	43.7
170	25.4	20.1	30.1

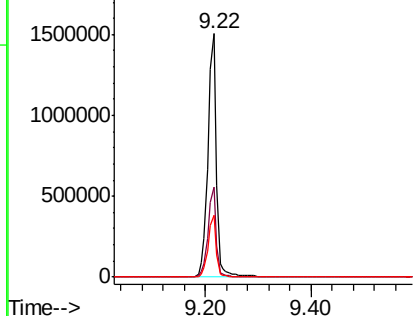
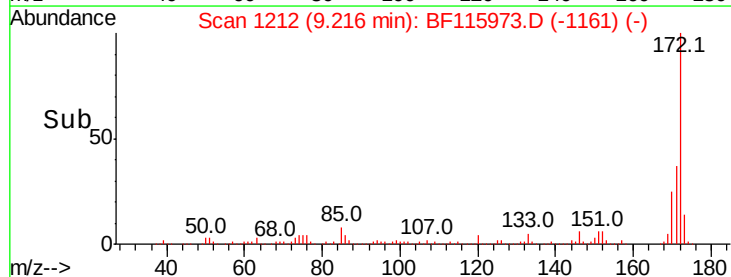


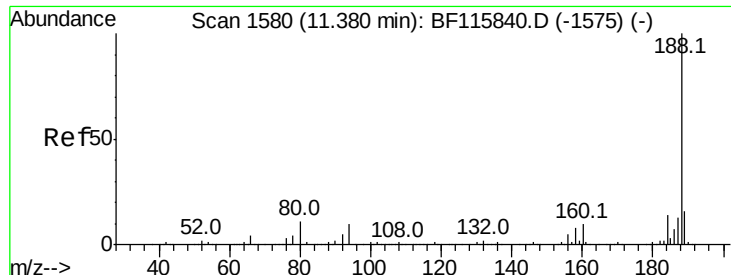
Abundance

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

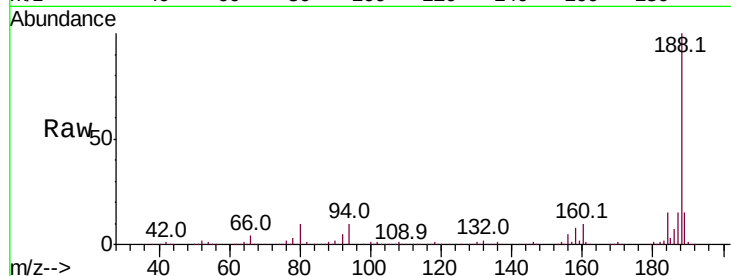




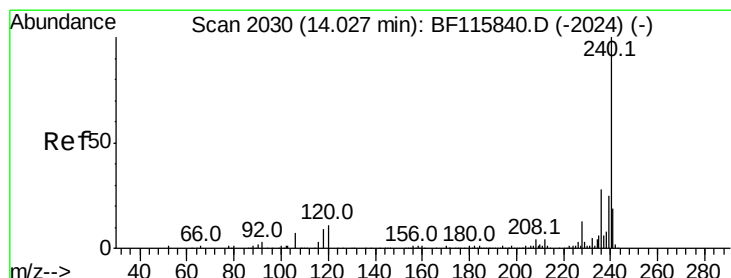
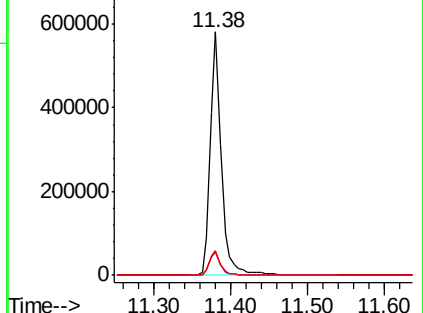
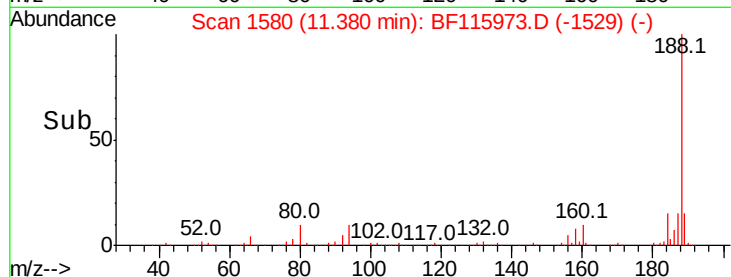
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.3	8.6	12.8

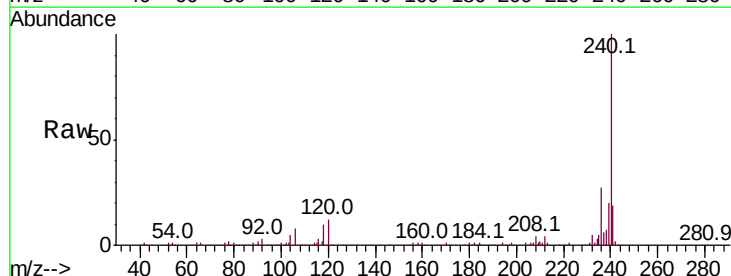


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

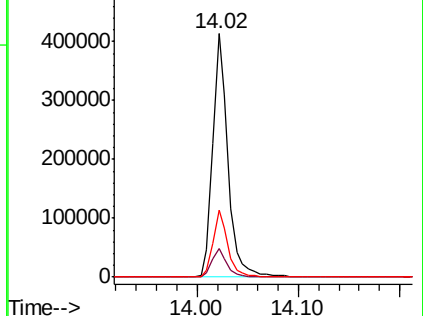
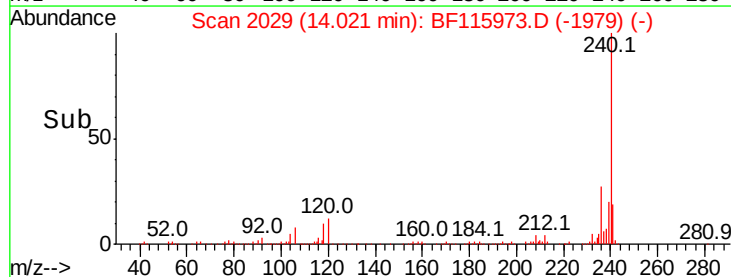


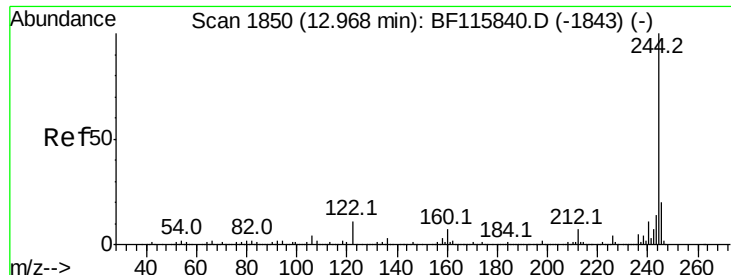
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115973.D
 Acq: 3 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.5	12.7
236	27.3	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: 93.687 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115973.D

Acq: 3 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

PB121947BL

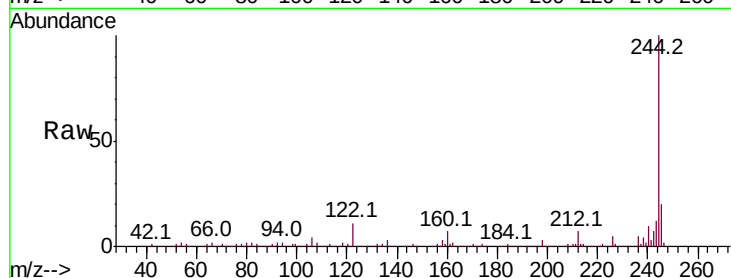
Tot Ion:244 Resp: 1922225

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

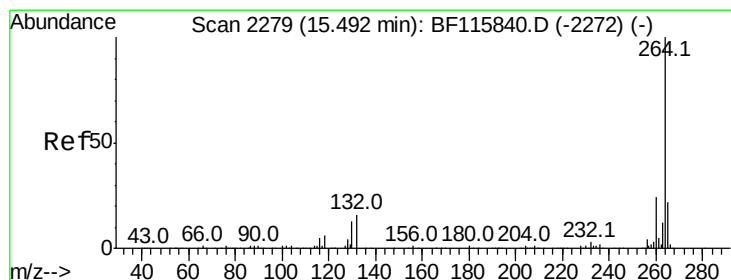
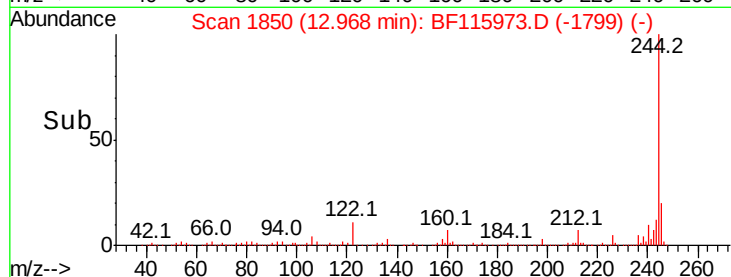
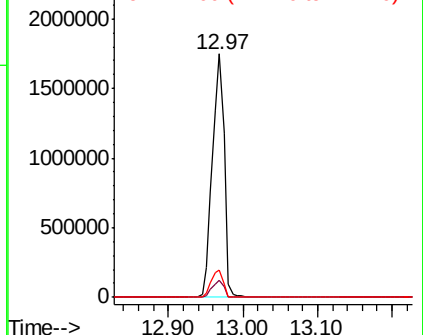
122 11.0 8.6 13.0



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115973.D

Acq: 3 Aug 2019 11:30

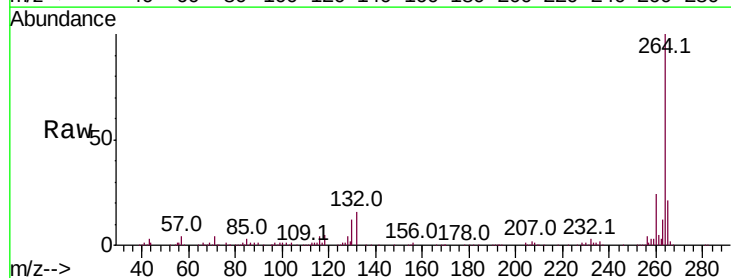
Tgt Ion:264 Resp: 385873

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.0 17.5 26.3



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

