

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114666.D
 Acq On : 30 May 2019 18:04
 Operator : HP/JU
 Sample : PB119288BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BL

Quant Time: May 31 06:47:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

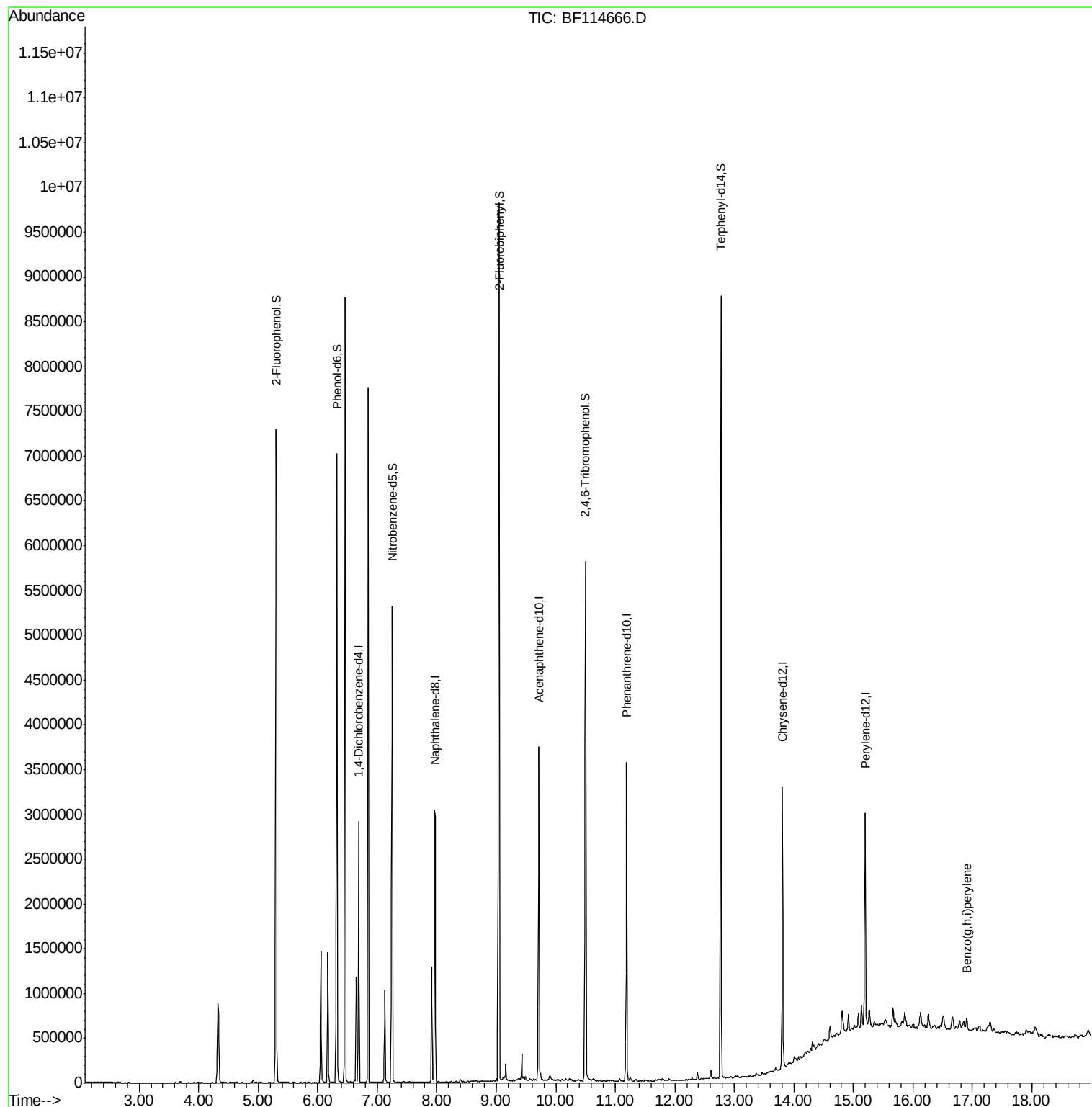
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	400728	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1493512	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	924847	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1362323	20.00	ng	0.00
76) Chrysene-d12	13.81	240	971403	20.00	ng	0.00
87) Perylene-d12	15.20	264	1033301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2561552	112.23	ng	0.01
7) Phenol-d6	6.33	99	3139556	114.15	ng	0.00
23) Nitrobenzene-d5	7.25	82	1956632	81.74	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	825915	93.72	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3877565	77.31	ng	0.00
79) Terphenyl-d14	12.77	244	3247572	62.86	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	16.90	276	108787	2.219	ng	Qvalue 100

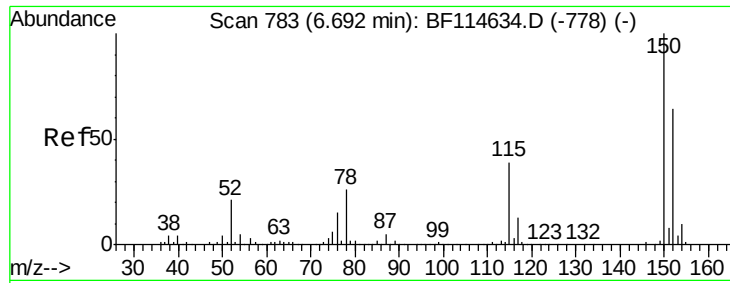
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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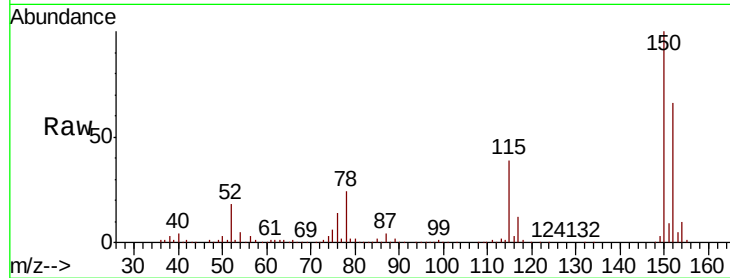


#1

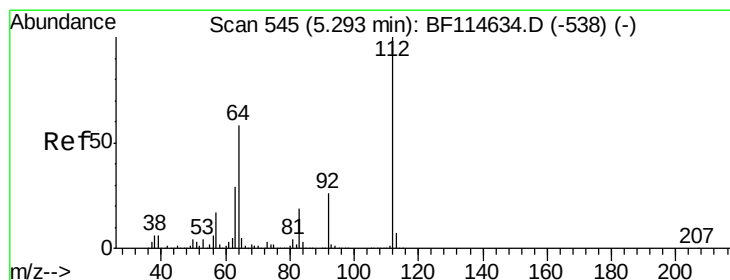
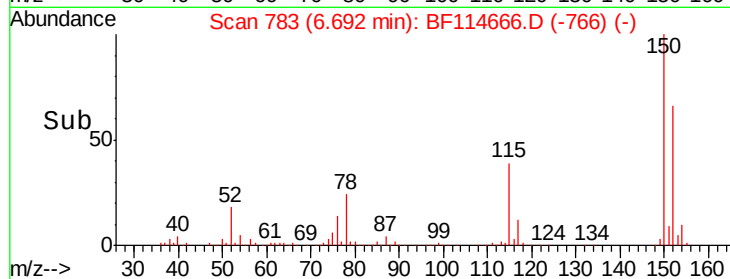
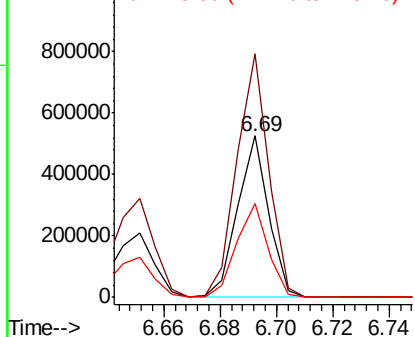
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114666.D
Acq: 30 May 2019 18:04

Instrument :
BNA_F
ClientSampleId :
PB119288BL

Tot Ion:152 Resp: 400728
Ion Ratio Lower Upper
152 100
150 151.1 124.4 186.6
115 58.6 48.7 73.1



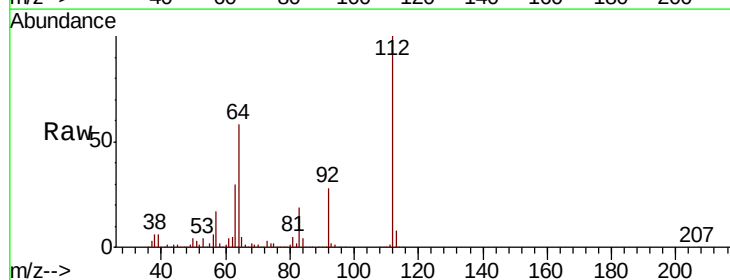
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



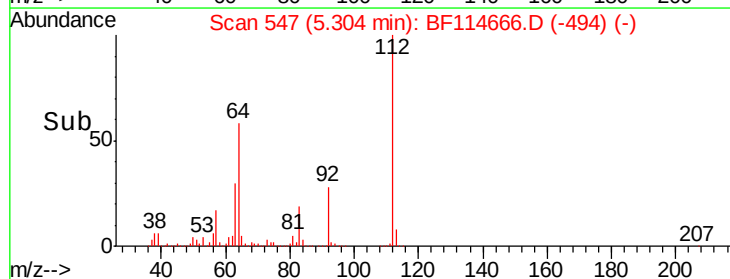
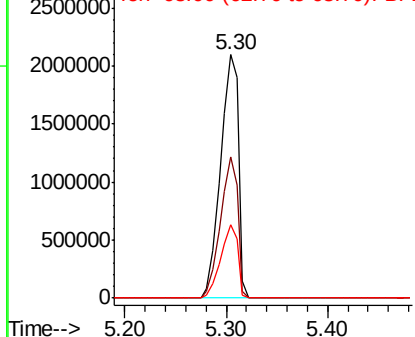
#5

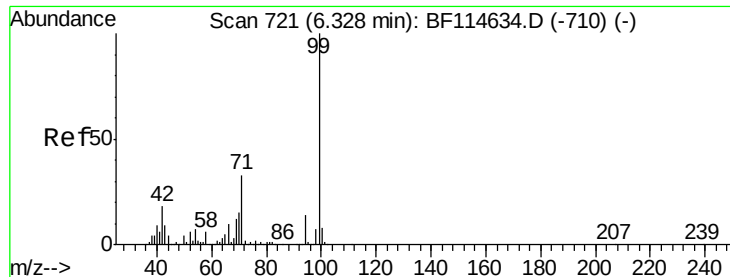
2-Fluorophenol
Concen: 112.229 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114666.D
Acq: 30 May 2019 18:04

Tgt Ion:112 Resp: 2561552
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 29.9 23.4 35.2



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: 114.149 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114666.D

Acq: 30 May 2019 18:04

Instrument :

BNA_F

ClientSampleId :

PB119288BL

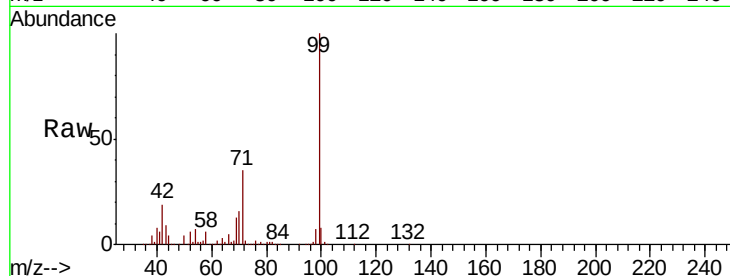
Tot Ion: 99 Resp: 3139556

Ion Ratio Lower Upper

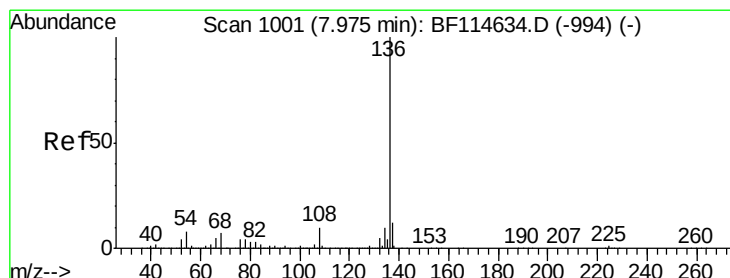
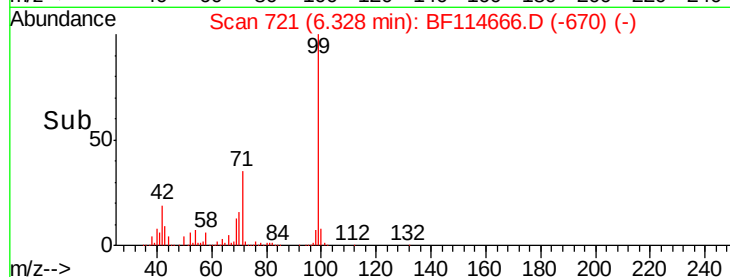
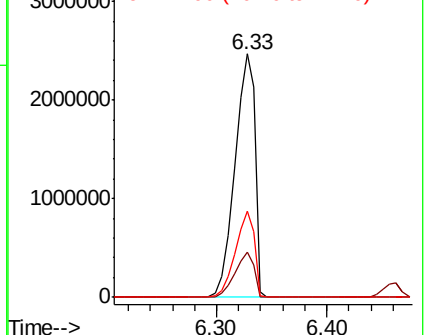
99 100

42 18.7 14.7 22.1

71 35.4 26.6 40.0



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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114666.D

Acq: 30 May 2019 18:04

Tgt Ion: 136 Resp: 1493512

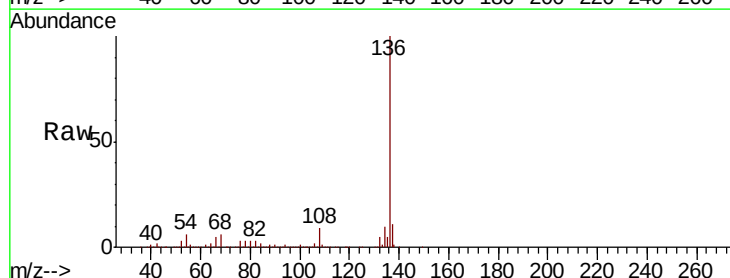
Ion Ratio Lower Upper

136 100

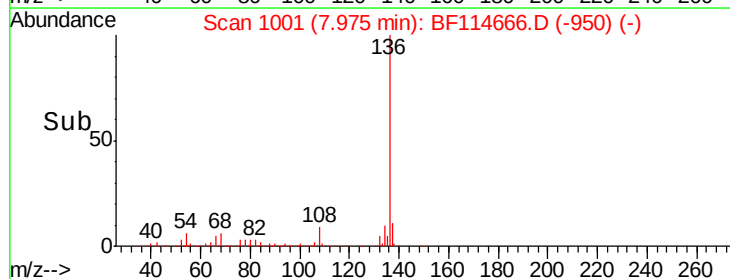
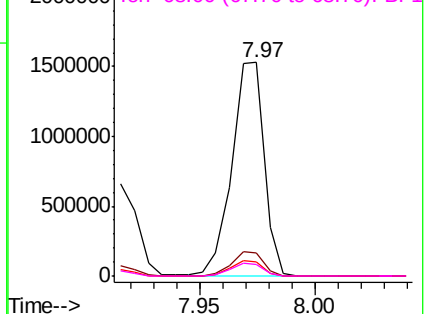
137 10.9 9.3 13.9

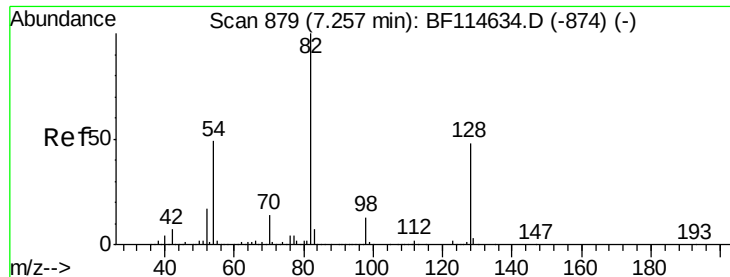
54 6.4 6.3 9.5

68 5.6 5.4 8.0



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

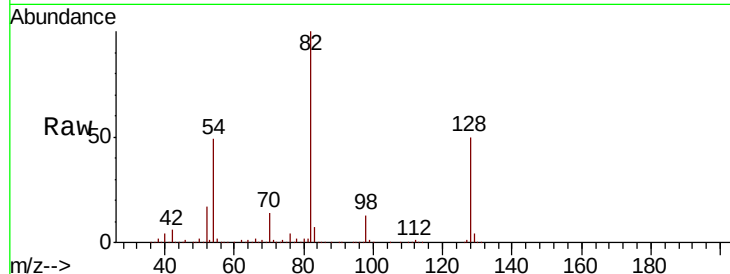




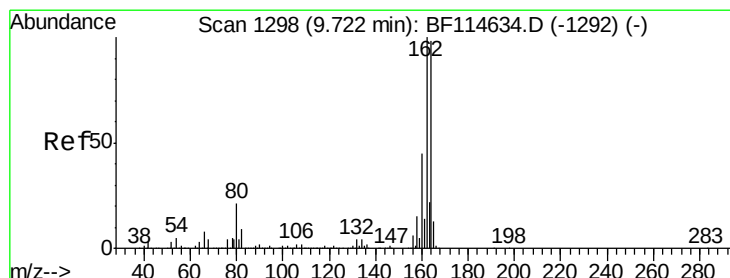
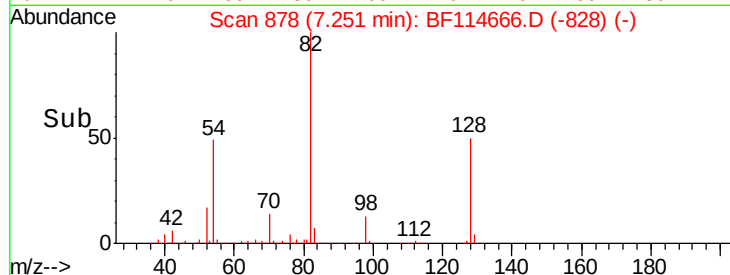
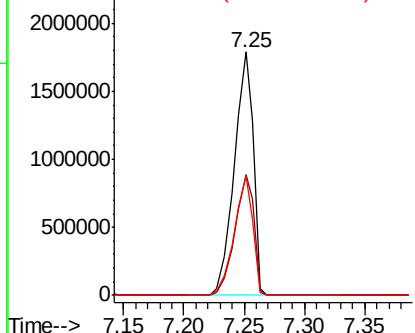
#23
 Nitrobenzene-d5
 Concen: 81.735 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF114666.D
 Acq: 30 May 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BL

Tot Ion: 82 Resp: 1956632
 Ion Ratio Lower Upper
 82 100
 128 49.6 38.5 57.7
 54 49.1 39.1 58.7

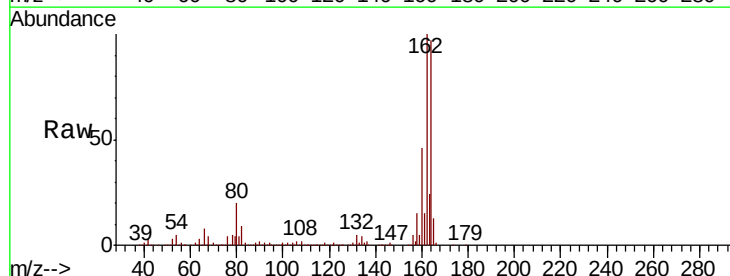


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

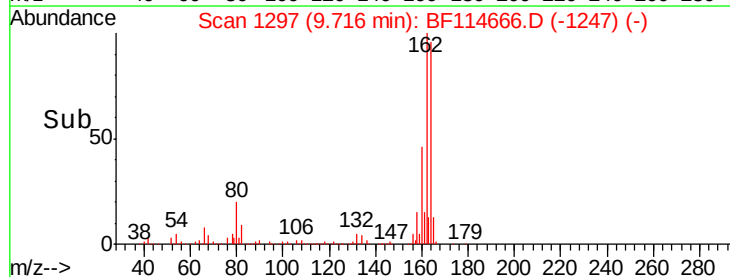
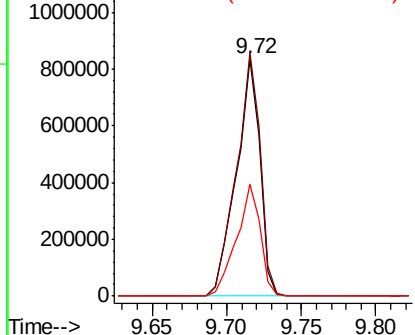


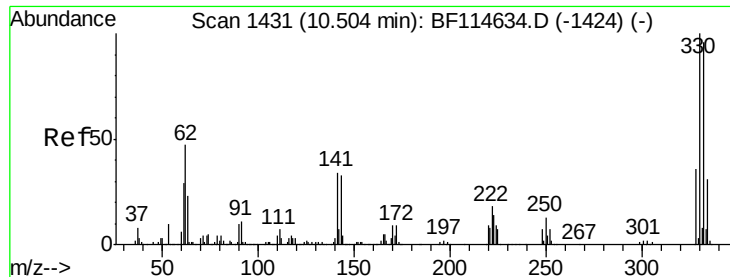
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF114666.D
 Acq: 30 May 2019 18:04

Tgt Ion: 164 Resp: 924847
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.2
 160 46.9 36.6 54.8



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

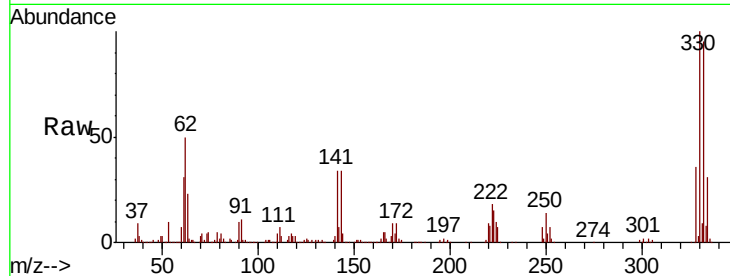




#42
 2,4,6-Tribromophenol
 Concen: 93.723 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114666.D
 Acq: 30 May 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.8
141	33.3	27.8	41.8

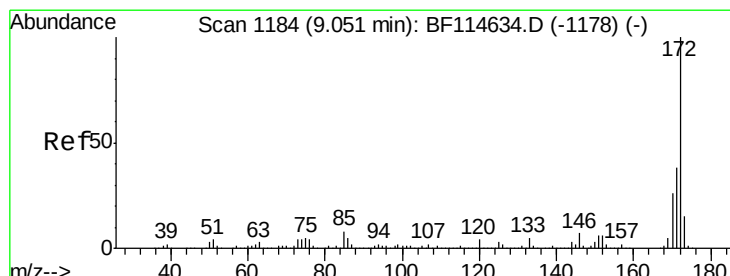
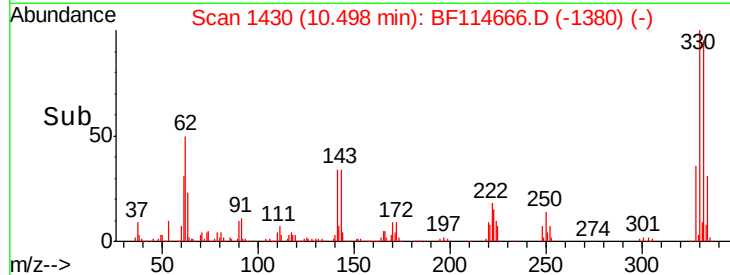
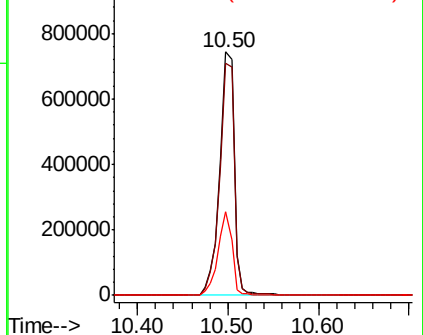


Abundance

Ion 329.80 (329.50 to 330.50): E

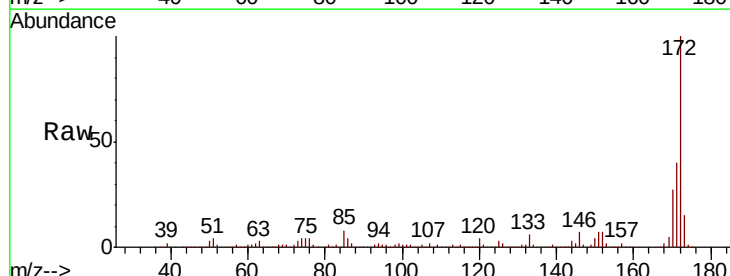
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.311 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114666.D
 Acq: 30 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.6	45.8
170	27.1	20.7	31.1

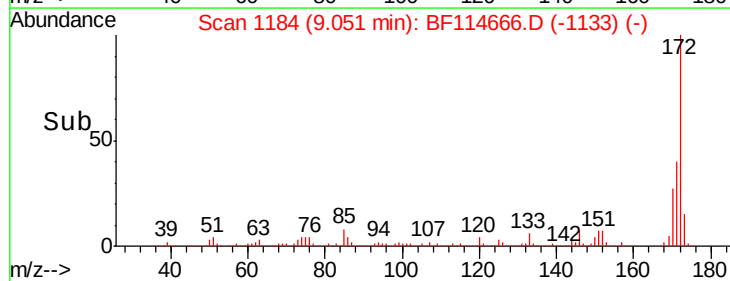
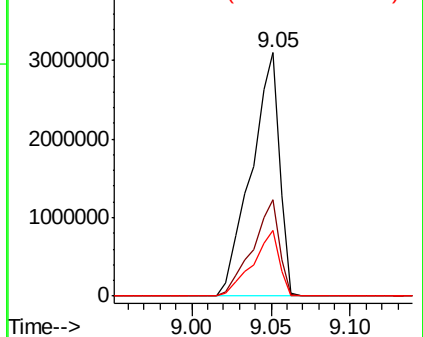


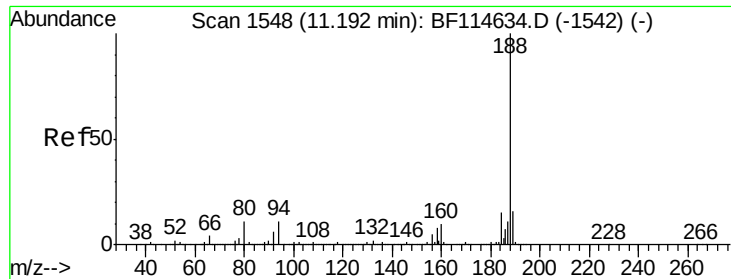
Abundance

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

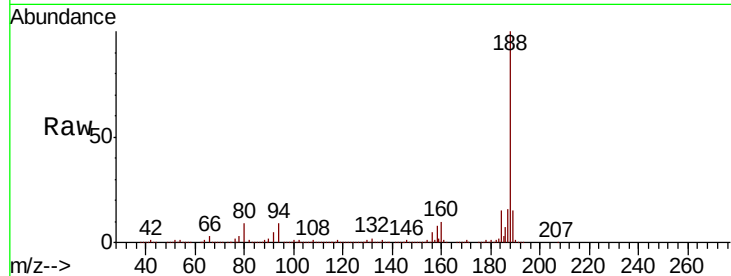




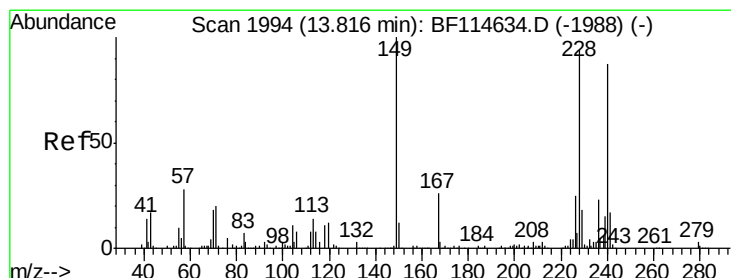
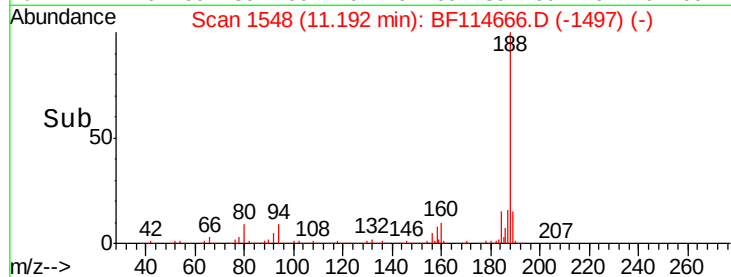
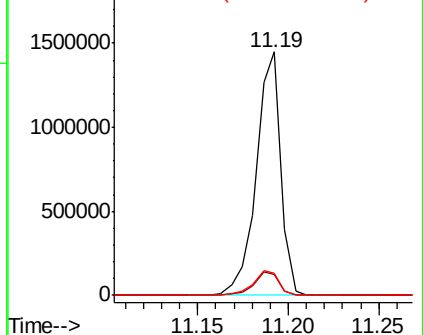
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114666.D
Acq: 30 May 2019 18:04

Instrument :
BNA_F
ClientSampleId :
PB119288BL

Tot Ion:188 Resp: 1362323
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 8.9 9.0 13.6#

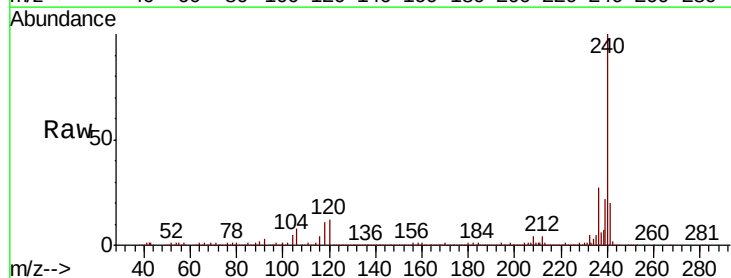


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

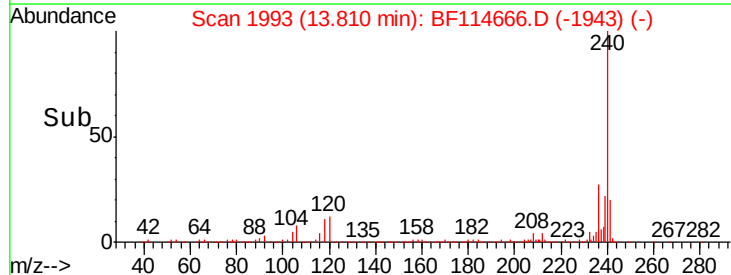
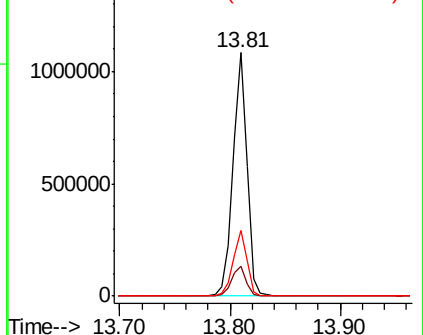


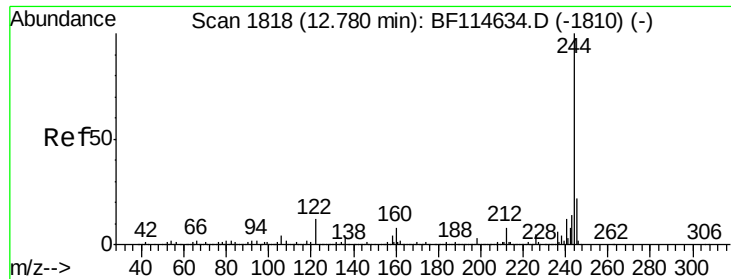
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114666.D
Acq: 30 May 2019 18:04

Tgt Ion:240 Resp: 971403
Ion Ratio Lower Upper
240 100
120 12.3 11.2 16.8
236 26.9 21.2 31.8



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

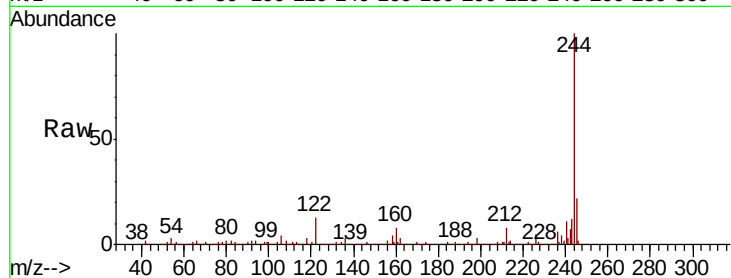




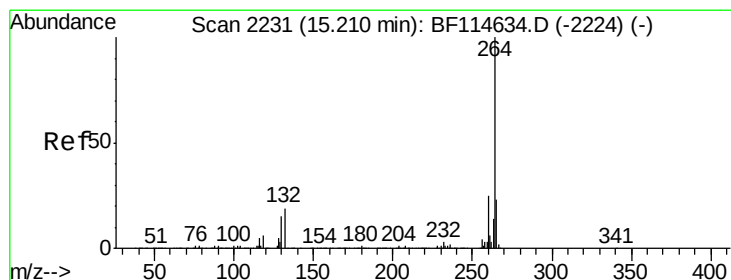
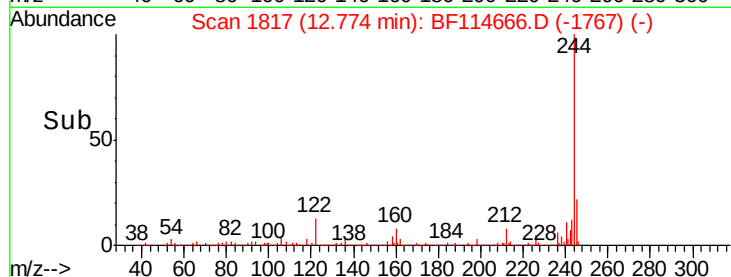
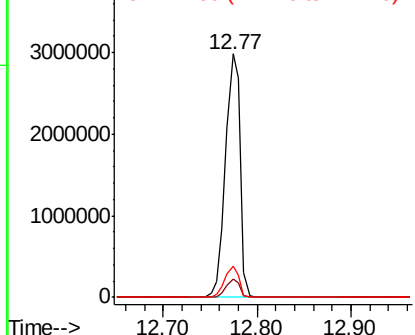
#79
 Terphenyl-d14
 Concen: 62.857 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114666.D
 Acq: 30 May 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BL

Tot Ion:244 Resp: 3247572
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 13.0 9.8 14.8

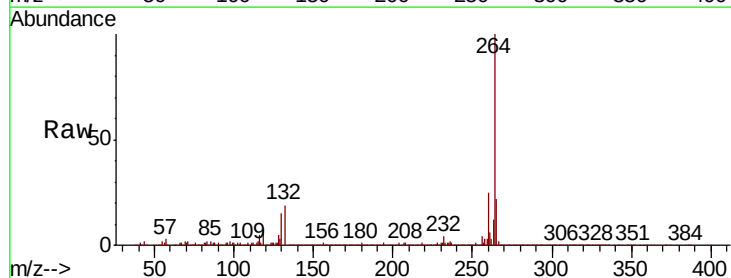


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

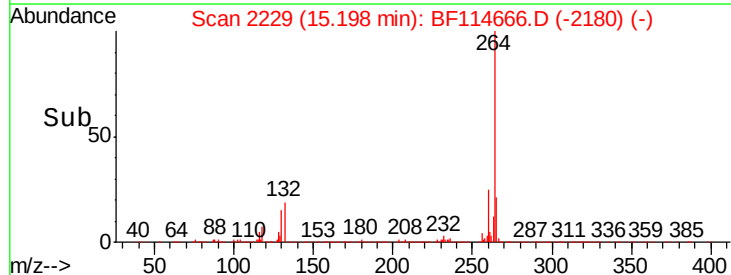
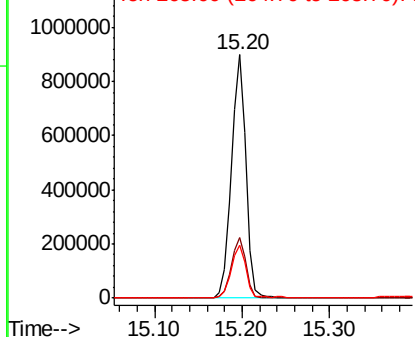


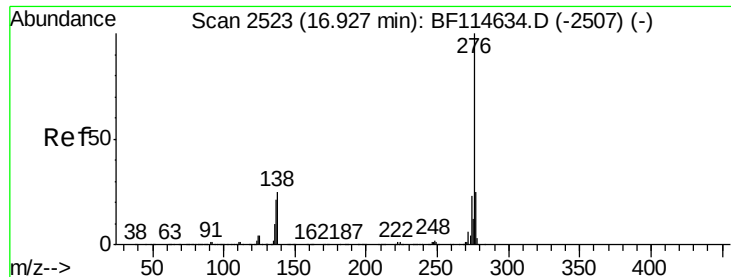
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114666.D
 Acq: 30 May 2019 18:04

Tgt Ion:264 Resp: 1033301
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 21.6 18.1 27.1



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





#92

Benzo(a,h,i)perylene

Concen: 2.219 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BF114666.D

Acq: 30 May 2019 18:04

Instrument :

BNA_F

ClientSampleId :

PB119288BL

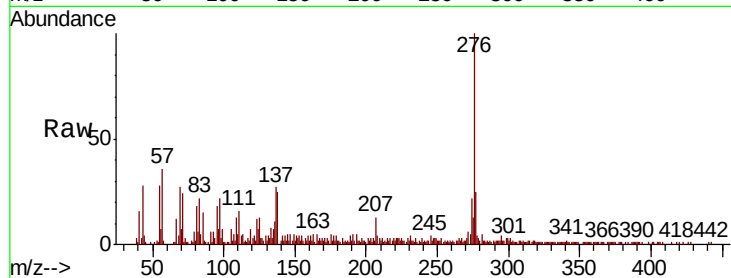
Tot Ion: 276 Resp: 108787

Ion Ratio Lower Upper

276 100

277 24.9 19.7 29.5

138 24.8 19.8 29.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

