

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117373.D
 Acq On : 12 Oct 2019 17:18
 Operator : JU
 Sample : PB123863BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BL

Quant Time: Oct 14 02:27:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	56722	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	228095	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	120922	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	205477	20.00	ng	0.00
76) Chrysene-d12	13.96	240	167723	20.00	ng	-0.01
87) Perylene-d12	15.42	264	169714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	425307	117.06	ng	0.00
7) Phenol-d6	6.45	99	572877	122.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	357941	82.45	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	122025	120.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	647460	83.72	ng	-0.01
79) Terphenyl-d14	12.90	244	688757	76.76	ng	0.00

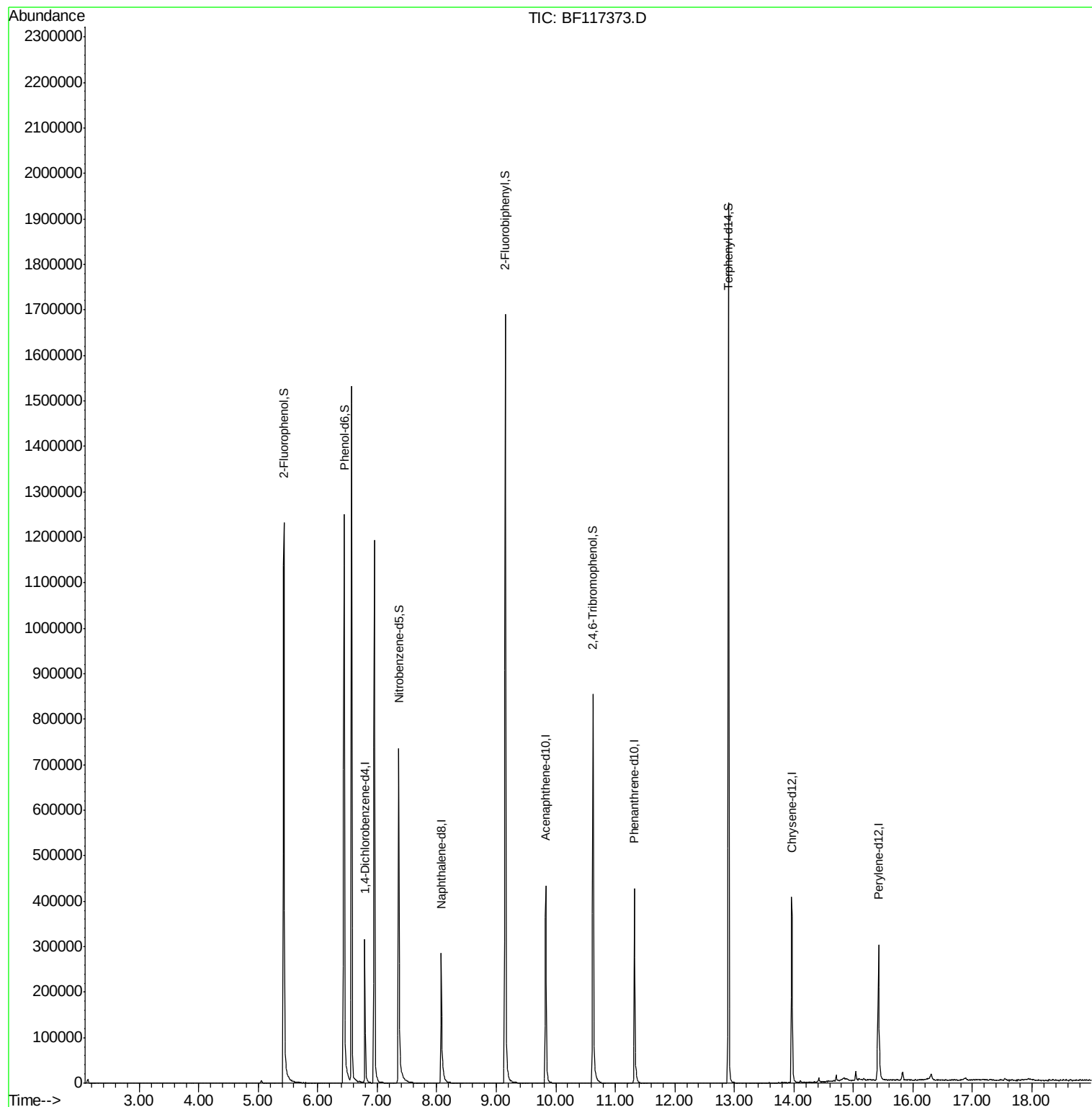
Target Compounds Qvalue

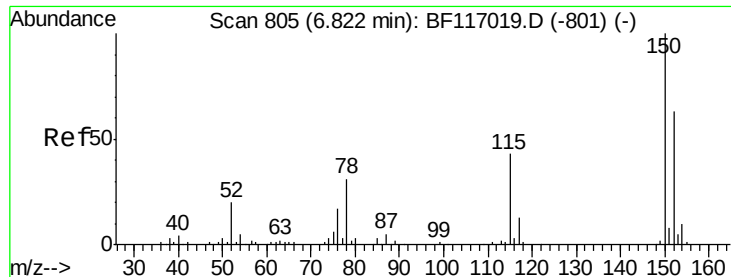
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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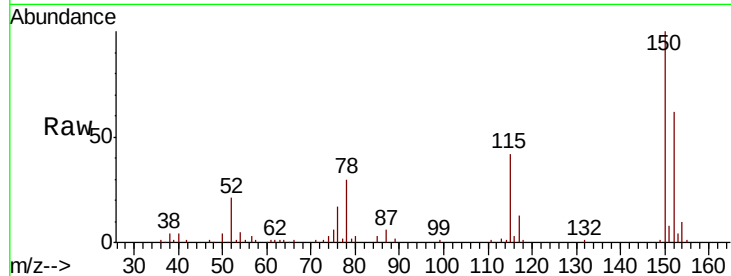


#1

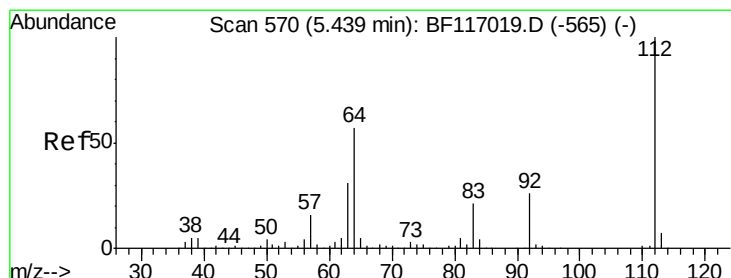
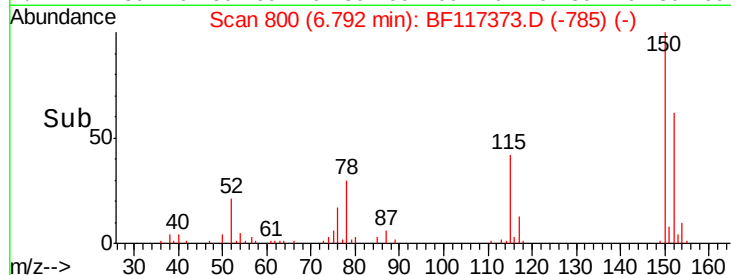
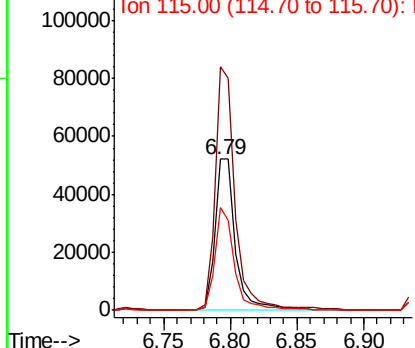
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117373.D
Acq: 12 Oct 2019 17:18

Instrument :
BNA_F
ClientSampleId :
PB123863BL

Tot Ion:152 Resp: 56722
Ion Ratio Lower Upper
152 100
150 160.9 127.5 191.3
115 68.0 55.0 82.4



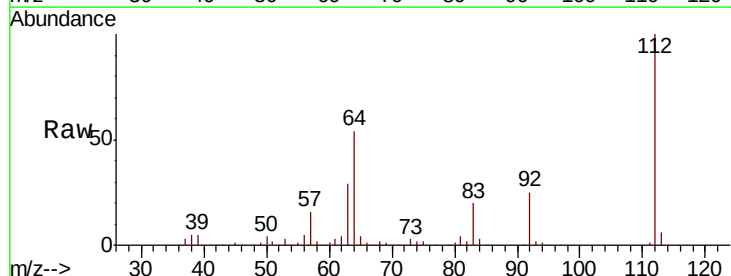
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



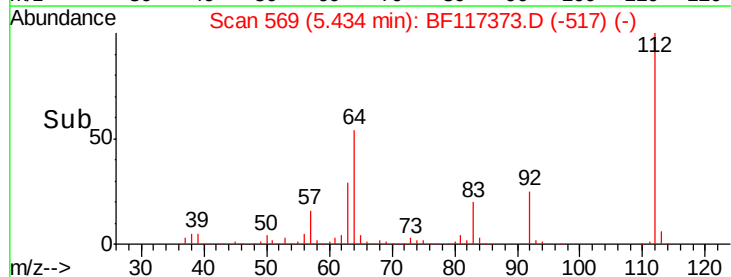
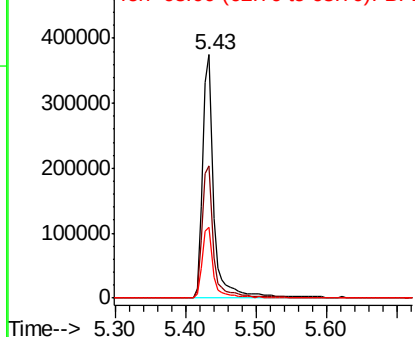
#5

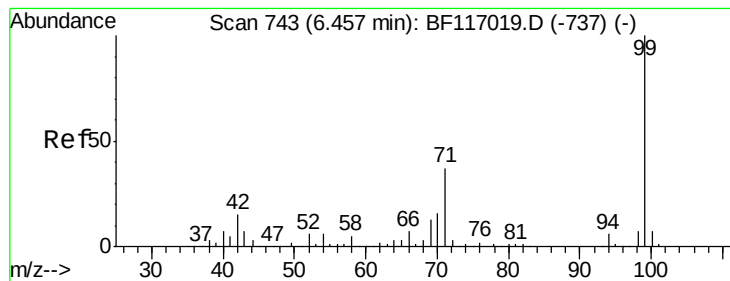
2-Fluorophenol
Concen: 117.064 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF117373.D
Acq: 12 Oct 2019 17:18

Tgt Ion:112 Resp: 425307
Ion Ratio Lower Upper
112 100
64 54.3 45.7 68.5
63 29.2 24.9 37.3



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: 122.011 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117373.D

Acq: 12 Oct 2019 17:18

Instrument :

BNA_F

ClientSampleId :

PB123863BL

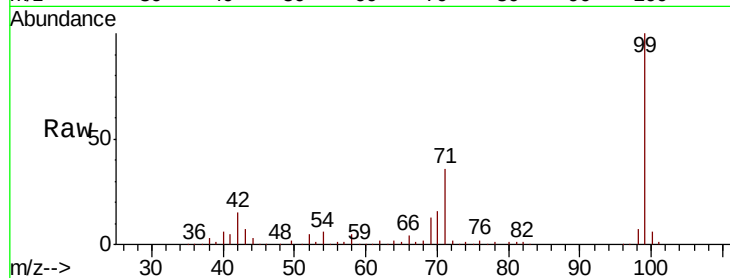
Tot Ion: 99 Resp: 572877

Ion Ratio Lower Upper

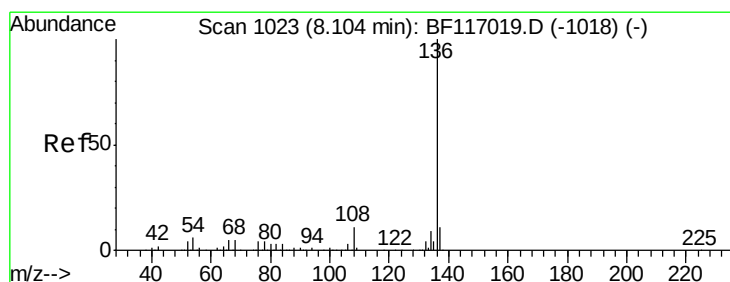
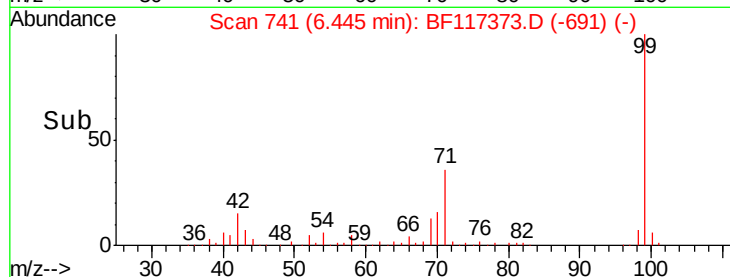
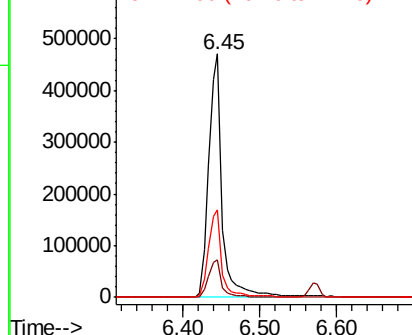
99 100

42 15.5 12.2 18.2

71 35.8 29.8 44.8



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF117373.D

Acq: 12 Oct 2019 17:18

Tgt Ion: 136 Resp: 228095

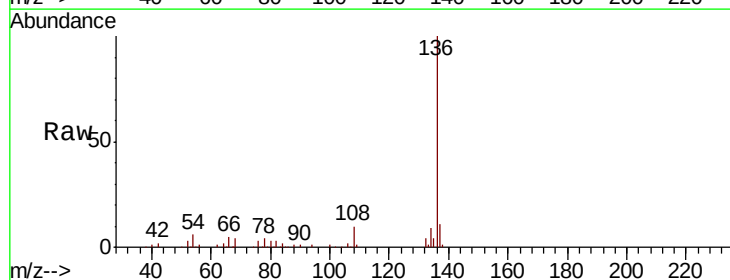
Ion Ratio Lower Upper

136 100

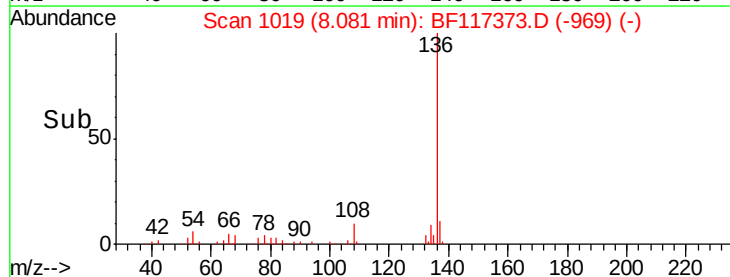
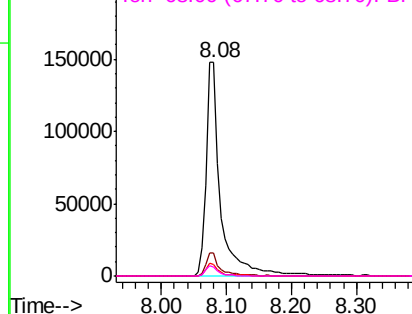
137 10.7 9.0 13.4

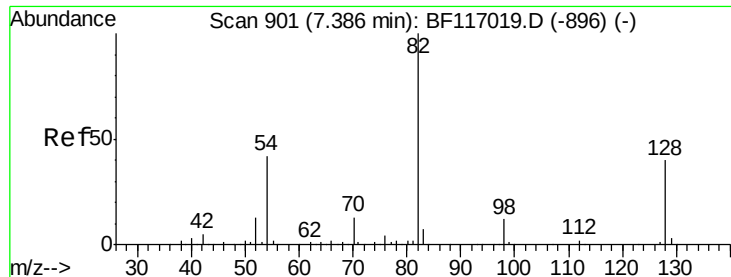
54 5.6 4.5 6.7

68 4.3 4.0 6.0



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

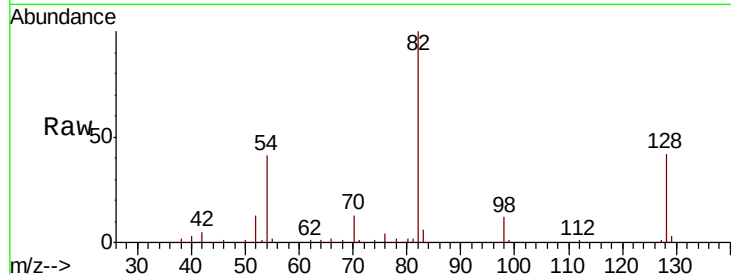




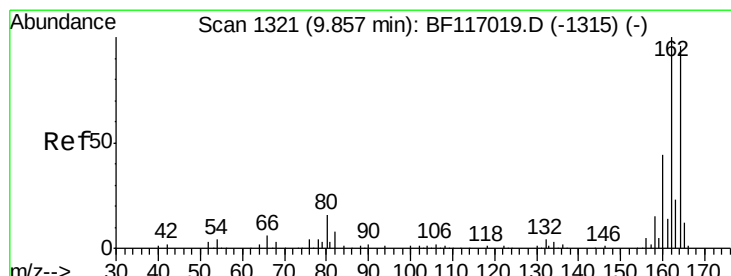
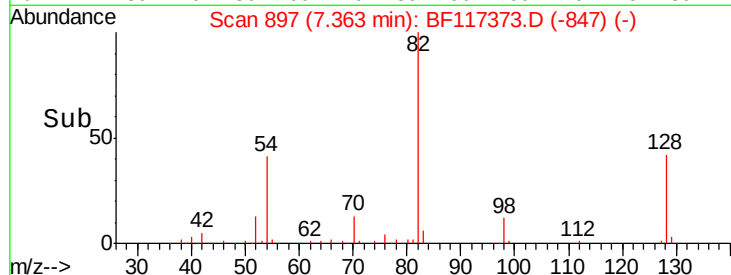
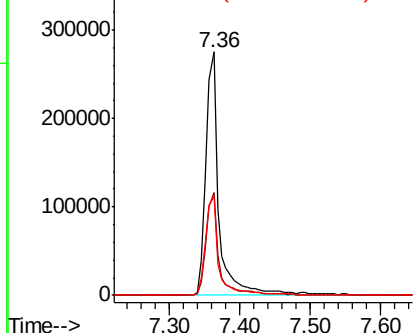
#23
 Nitrobenzene-d5
 Concen: 82.453 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF117373.D
 Acq: 12 Oct 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BL

Tot Ion	82	Resp	357941
Ion Ratio	Lower	Upper	
82	100		
128	42.2	32.3	48.5
54	40.6	33.3	49.9

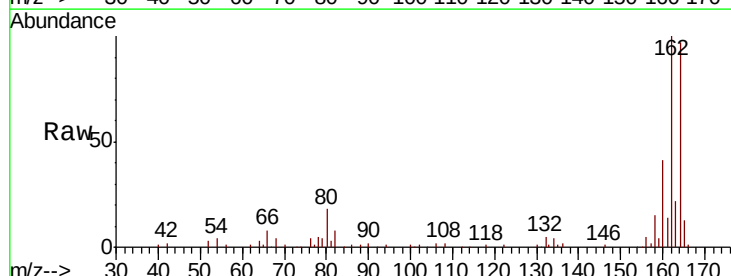


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

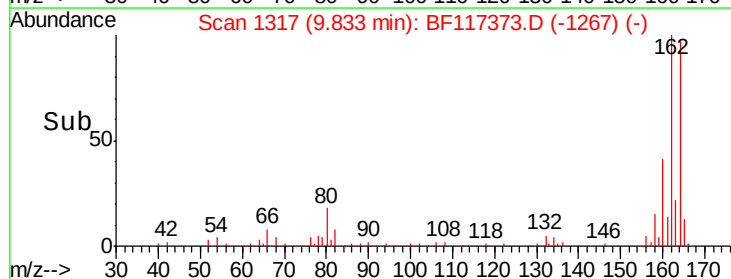
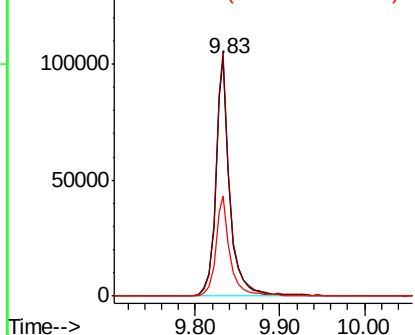


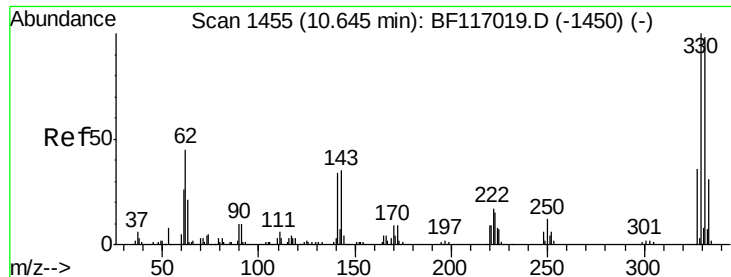
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF117373.D
 Acq: 12 Oct 2019 17:18

Tgt Ion	164	Resp	120922
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.4	125.2
160	42.5	36.4	54.6



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

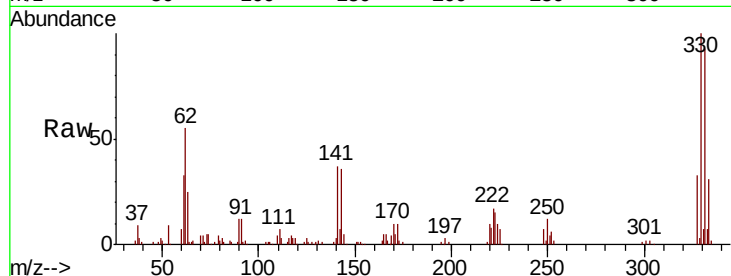




#42
 2,4,6-Tribromophenol
 Concen: 120.741 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF117373.D
 Acq: 12 Oct 2019 17:18

Instrument :
 BNA_F
 ClientSampled :
 PB123863BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	44.3	35.8	53.6

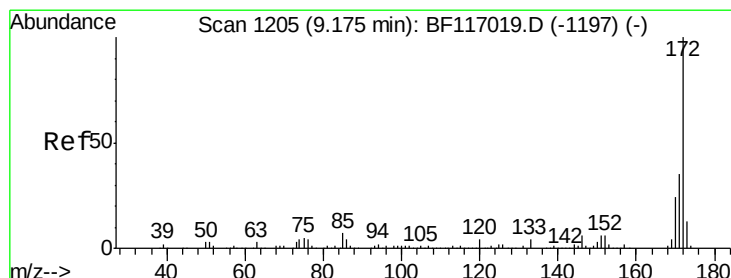
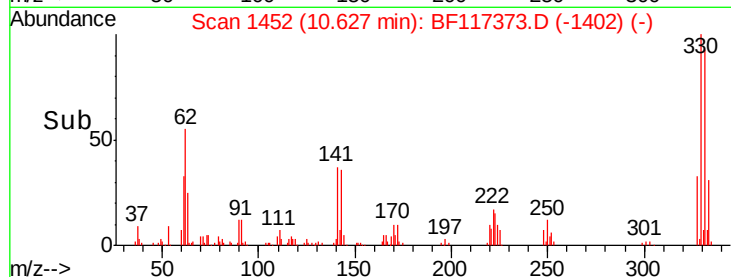
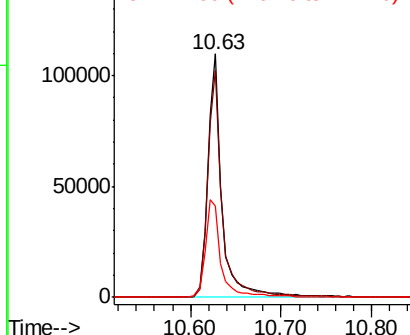


Abundance

Ion 329.80 (329.50 to 330.50): E

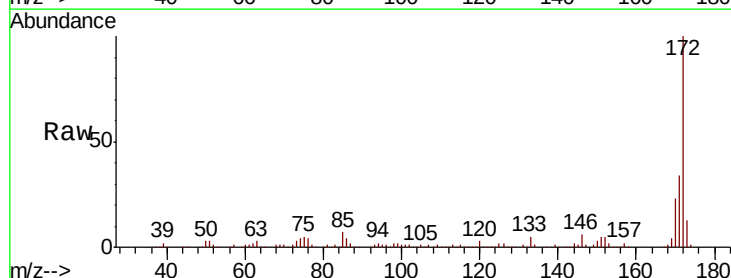
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.719 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF117373.D
 Acq: 12 Oct 2019 17:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.5	18.9	28.3

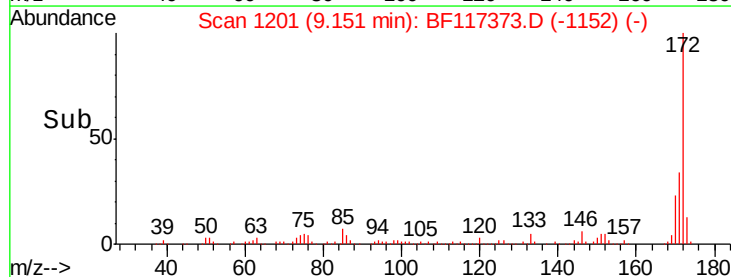
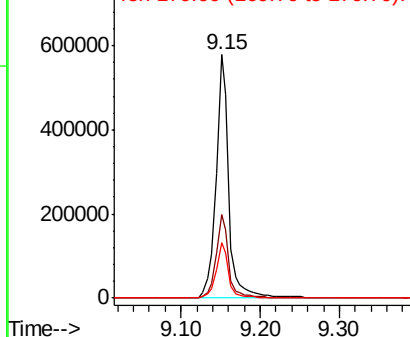


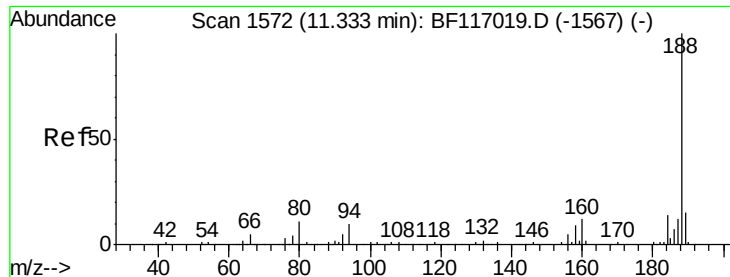
Abundance

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

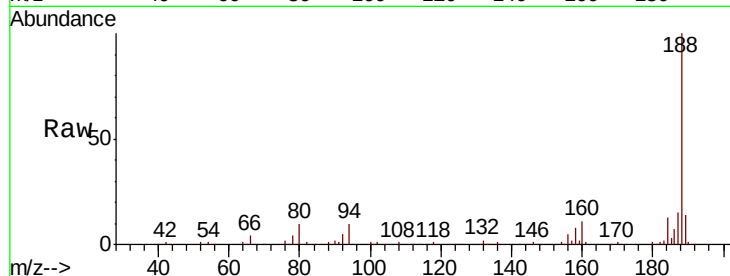




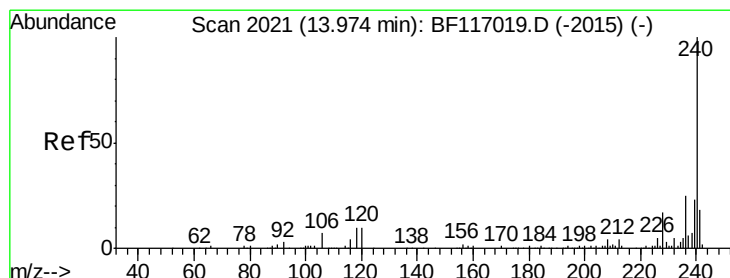
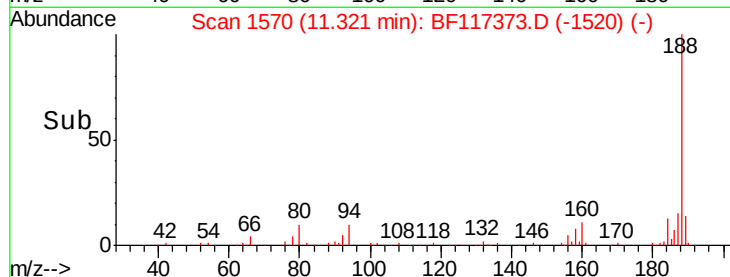
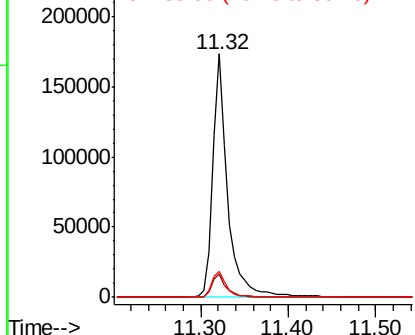
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117373.D
Acq: 12 Oct 2019 17:18

Instrument :
BNA_F
ClientSampleId :
PB123863BL

Tot Ion:188 Resp: 205477
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.4 9.0 13.6

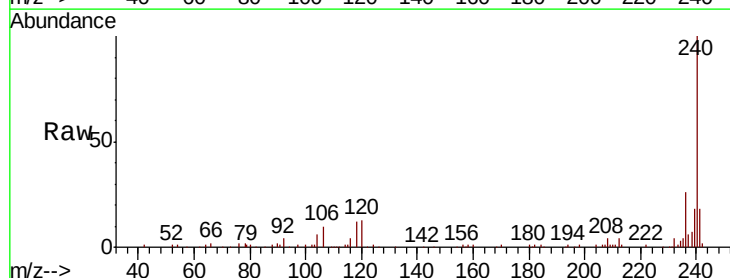


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

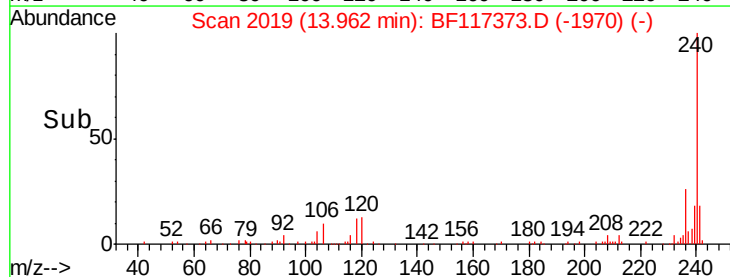
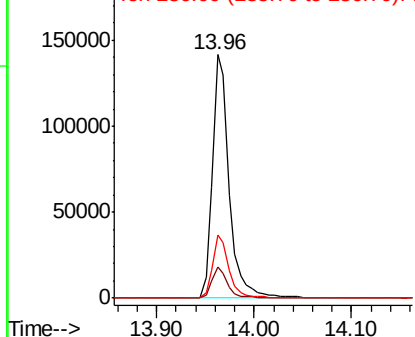


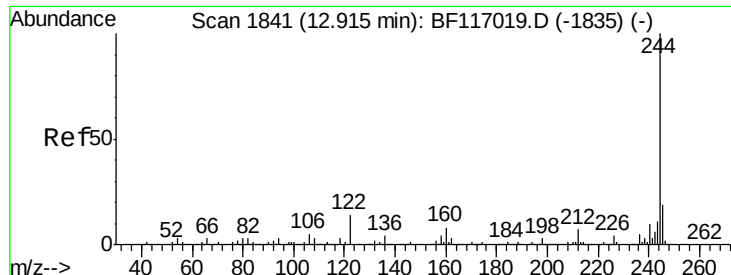
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117373.D
Acq: 12 Oct 2019 17:18

Tgt Ion:240 Resp: 167723
Ion Ratio Lower Upper
240 100
120 12.9 8.3 12.5#
236 25.9 20.3 30.5



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: 76.760 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117373.D

Acq: 12 Oct 2019 17:18

Instrument :

BNA_F

ClientSampleId :

PB123863BL

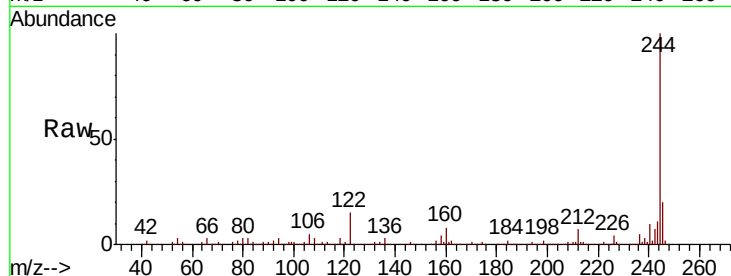
Tot Ion:244 Resp: 688757

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

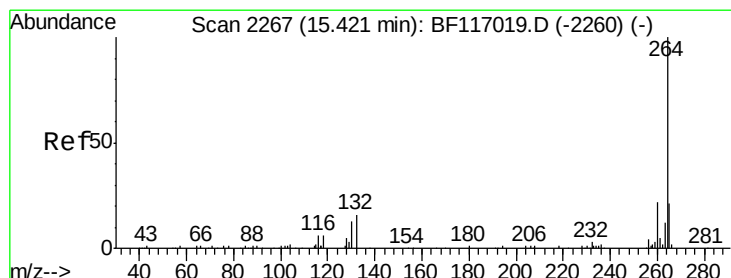
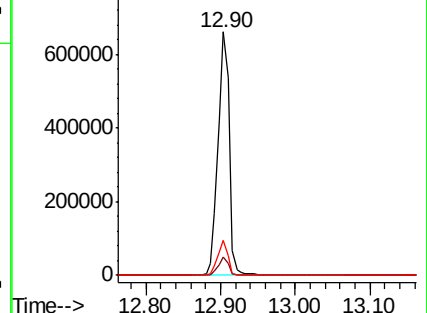
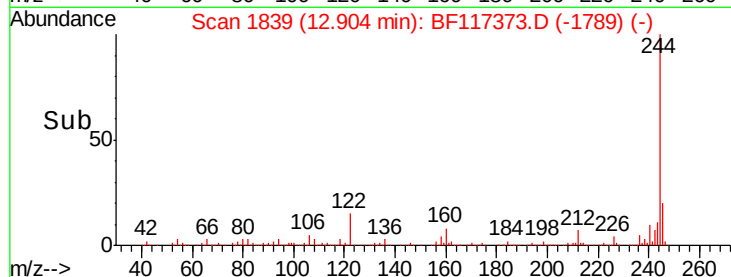
122 14.5 11.3 16.9



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. -0.01 min

Lab File: BF117373.D

Acq: 12 Oct 2019 17:18

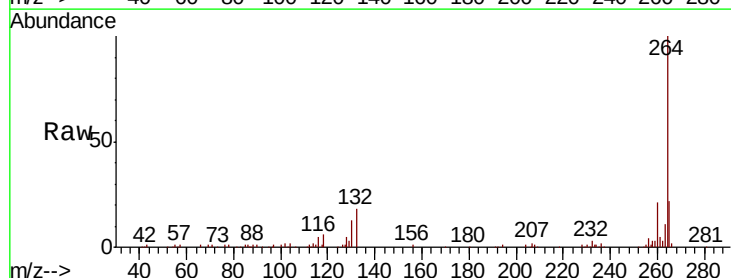
Tgt Ion:264 Resp: 169714

Ion Ratio Lower Upper

264 100

260 21.3 17.6 26.4

265 21.7 16.6 24.8



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

