

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117376.D
 Acq On : 12 Oct 2019 18:49
 Operator : JU
 Sample : K5325-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10-10-J

Quant Time: Oct 14 02:31:52 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

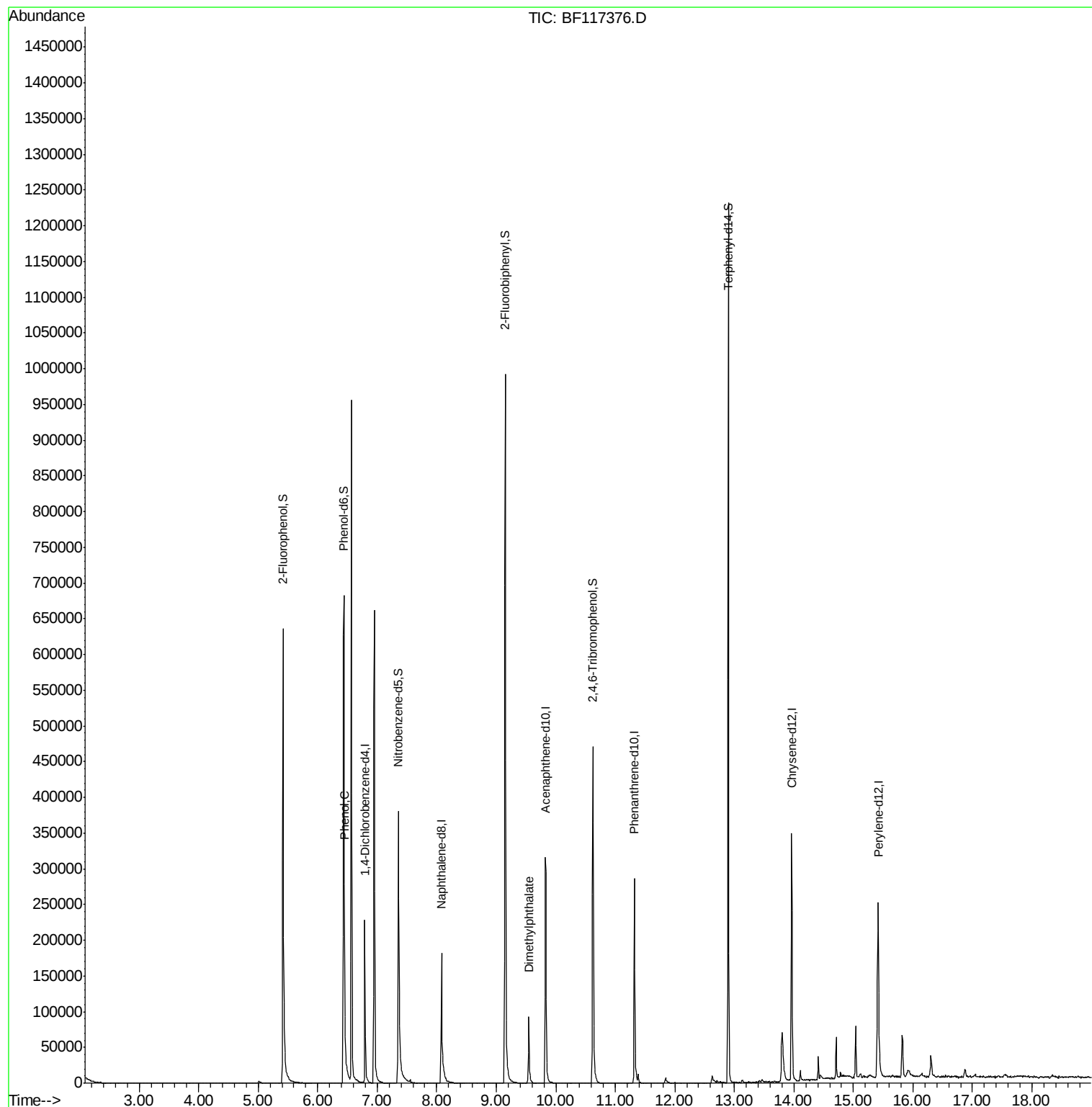
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	38452	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	150395	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	84219	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	147648	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128688	20.00	ng	-0.01
87) Perylene-d12	15.42	264	122784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	228483	92.77	ng	-0.01
7) Phenol-d6	6.44	99	318336	100.01	ng	-0.01
23) Nitrobenzene-d5	7.36	82	194107	67.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	65902	93.63	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	359412	66.73	ng	-0.01
79) Terphenyl-d14	12.90	244	415190	60.31	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	7019	2.000	ng	Qvalue # 63
50) Dimethylphthalate	9.55	163	50632	8.491	ng	98

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

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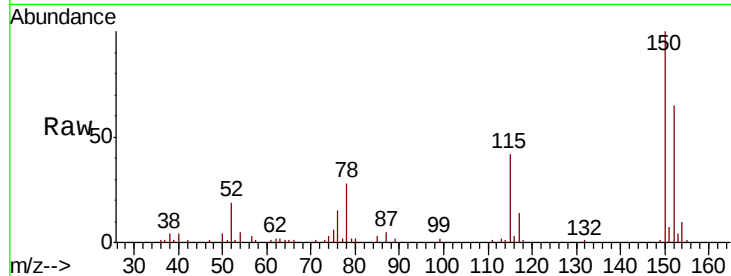


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Instrument :
BNA_F
ClientSampleId :
10-10-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.5	191.3
115	64.3	55.0	82.4

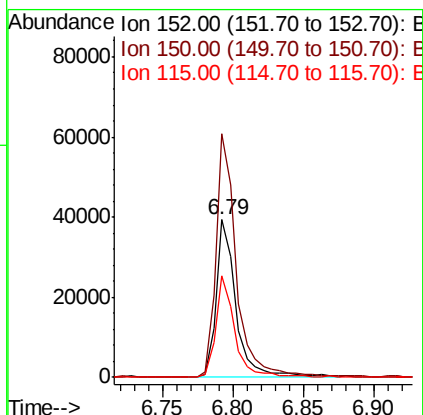
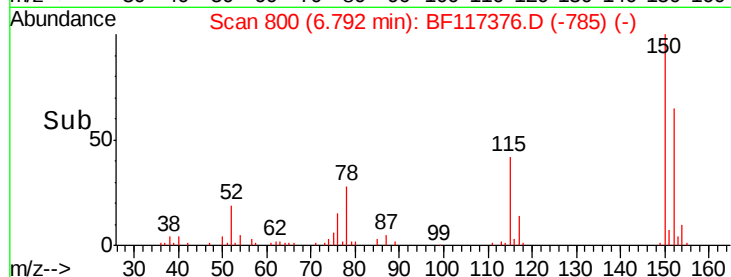


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

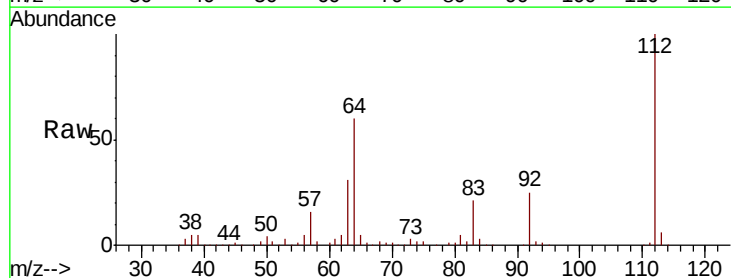
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.770 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.7	68.5
63	31.1	24.9	37.3

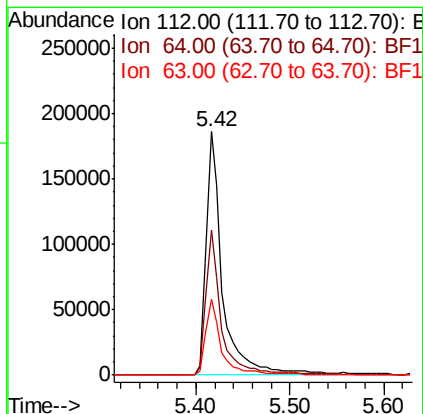
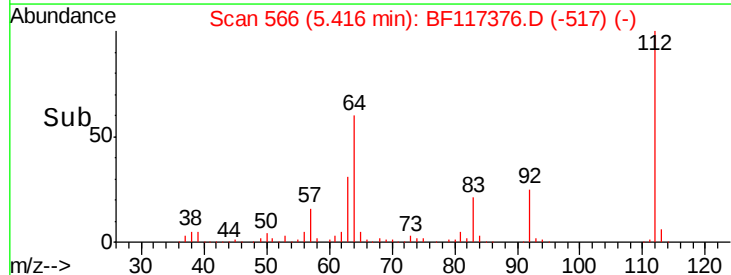


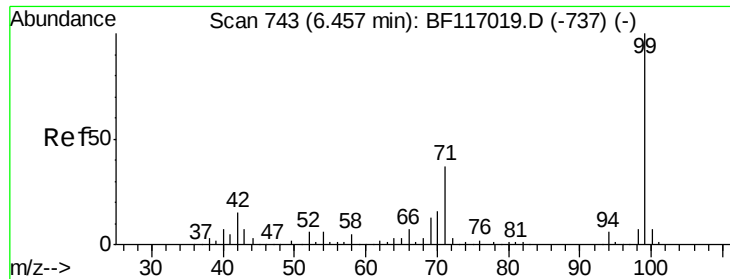
Abundance

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: 100.013 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117376.D

Acq: 12 Oct 2019 18:49

Instrument :

BNA_F

ClientSampleId :

10-10-J

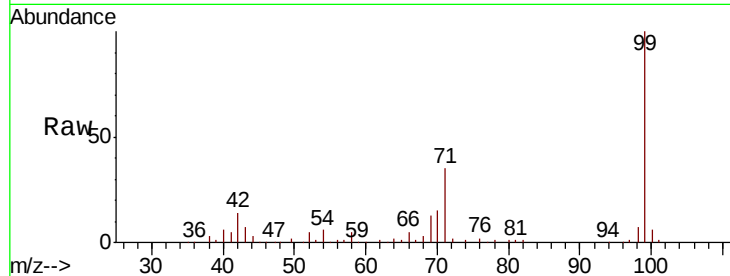
Tot Ion: 99 Resp: 318336

Ion Ratio Lower Upper

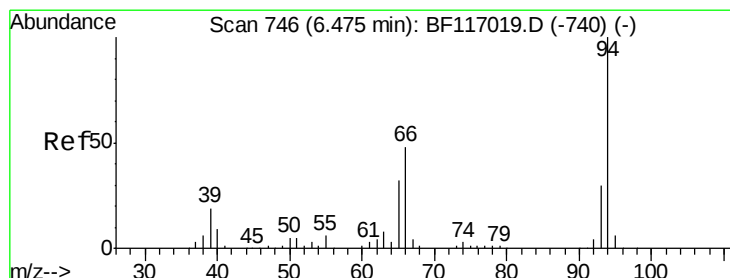
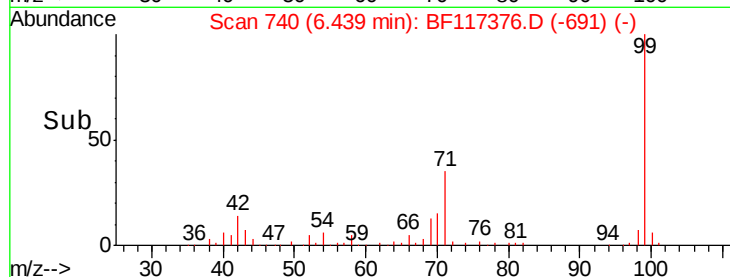
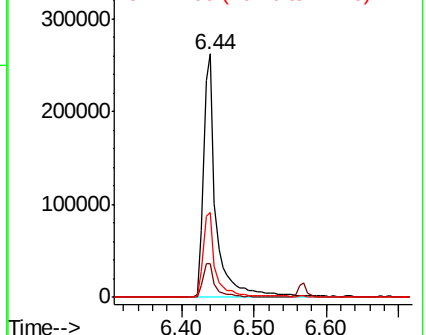
99 100

42 13.7 12.2 18.2

71 35.1 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



#10

Phenol

Concen: 2.000 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117376.D

Acq: 12 Oct 2019 18:49

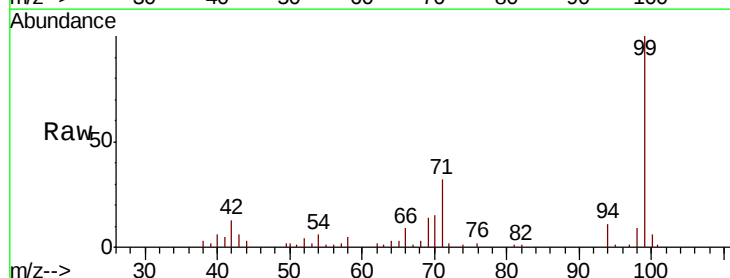
Tgt Ion: 94 Resp: 7019

Ion Ratio Lower Upper

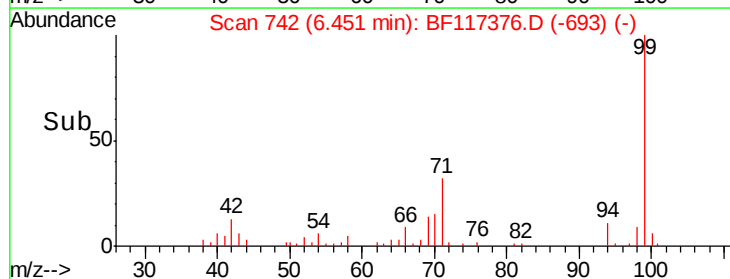
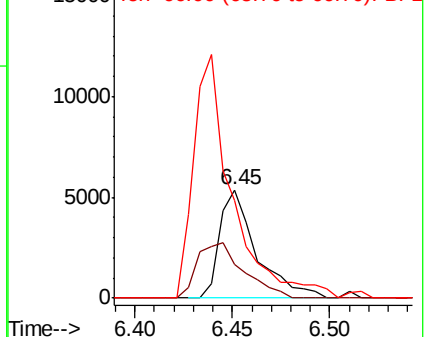
94 100

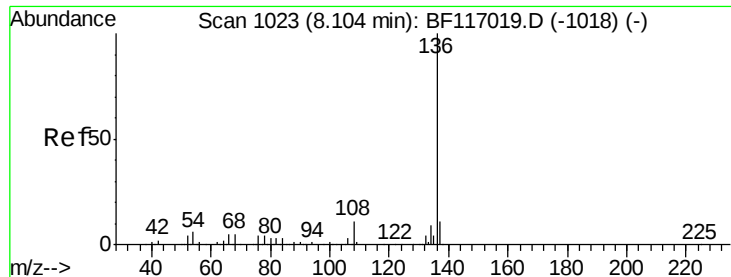
65 31.0 12.5 52.5

66 90.0 28.9 68.9#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

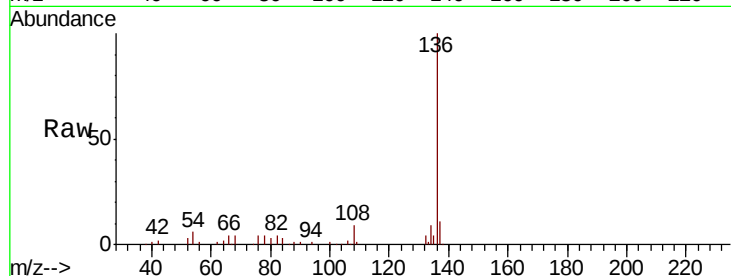




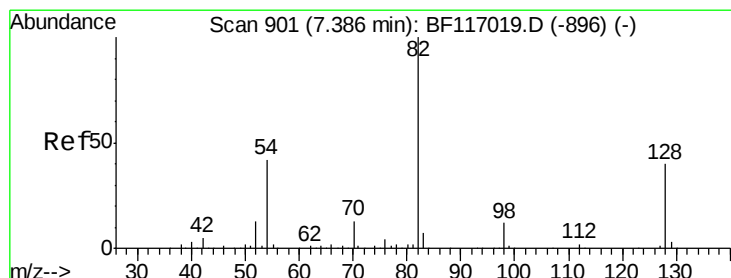
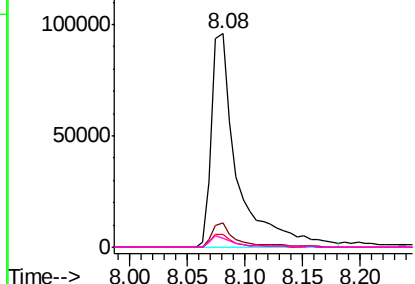
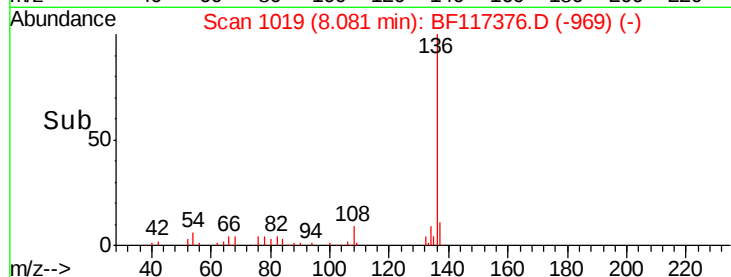
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Instrument :
BNA_F
ClientSampled :
10-10-J

Tot Ion:136	Resp:	150395
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	6.1	4.5 6.7
68	4.4	4.0 6.0

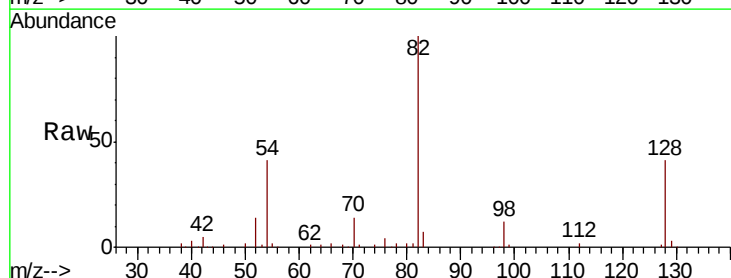


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

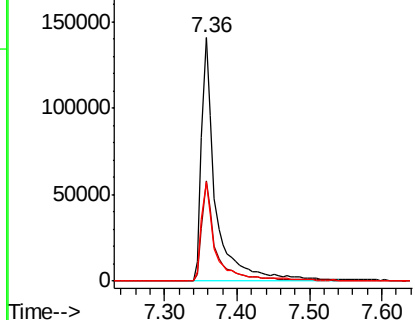
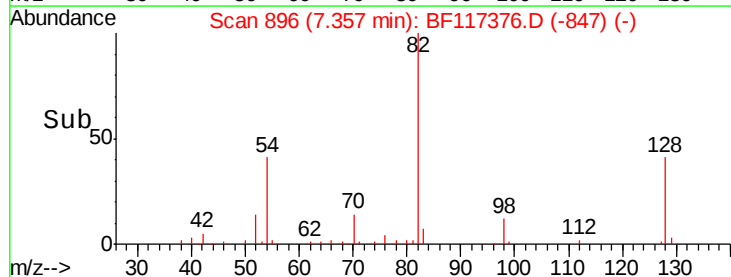


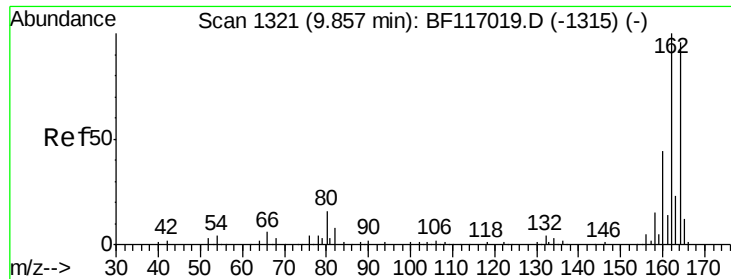
#23
Nitrobenzene-d5
Concen: 67.814 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Tgt Ion: 82	Resp:	194107
Ion Ratio	Lower	Upper
82	100	
128	41.2	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

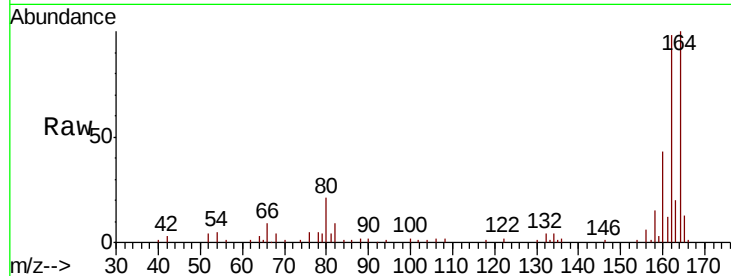




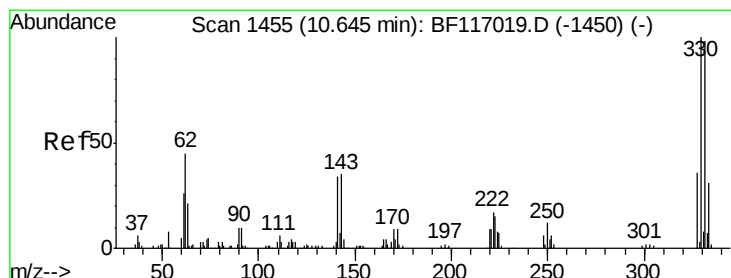
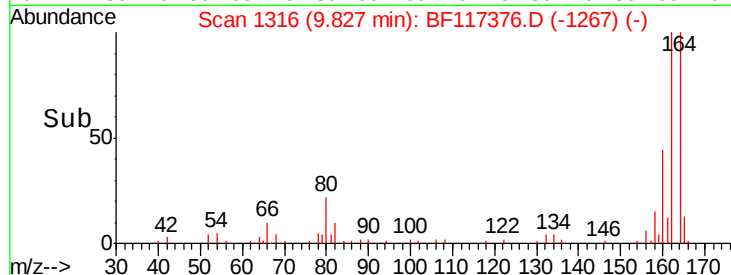
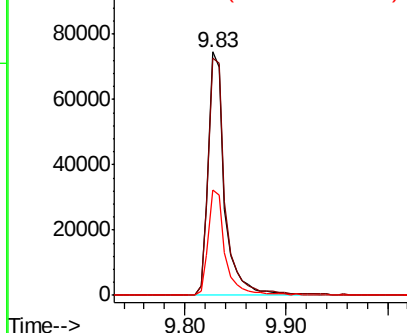
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF117376.D
 Acq: 12 Oct 2019 18:49

Instrument :
 BNA_F
 ClientSampleId :
 10-10-J

Tot Ion:164 Resp: 84219
 Ion Ratio Lower Upper
 164 100
 162 97.7 83.4 125.2
 160 43.0 36.4 54.6

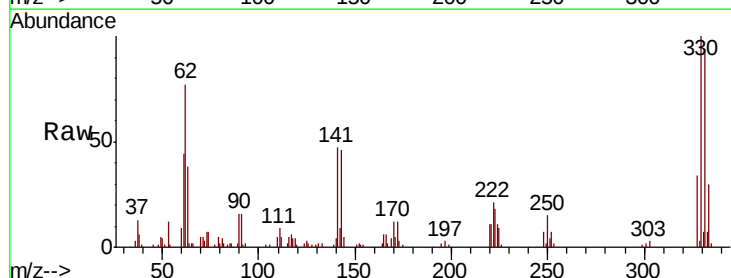


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

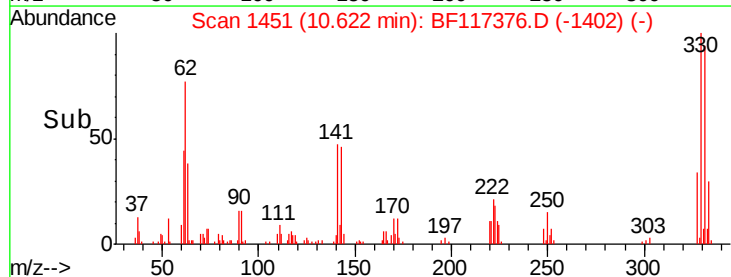
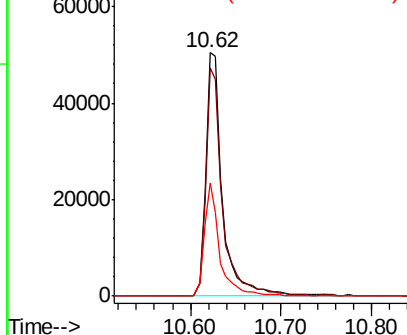


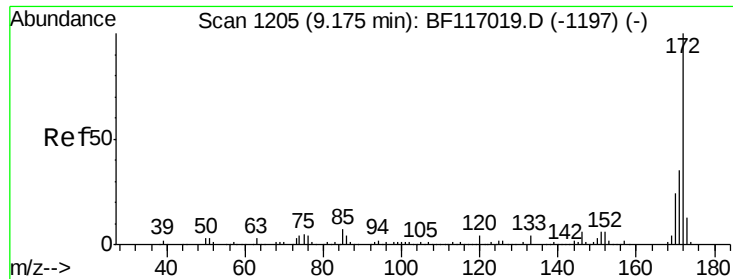
#42
 2,4,6-Tribromophenol
 Concen: 93.627 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF117376.D
 Acq: 12 Oct 2019 18:49

Tgt Ion:330 Resp: 65902
 Ion Ratio Lower Upper
 330 100
 332 93.3 78.0 117.0
 141 42.3 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

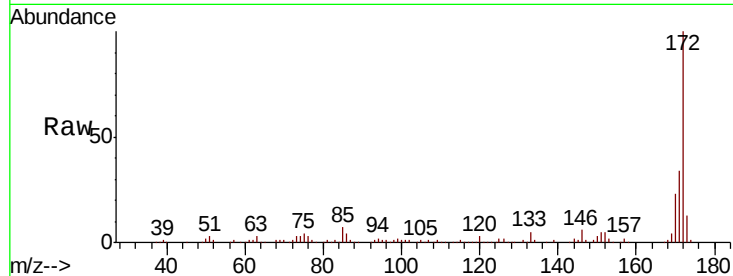




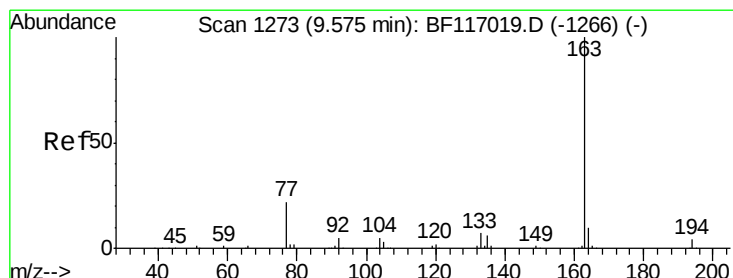
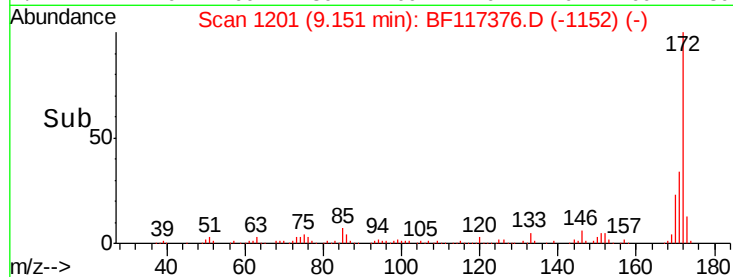
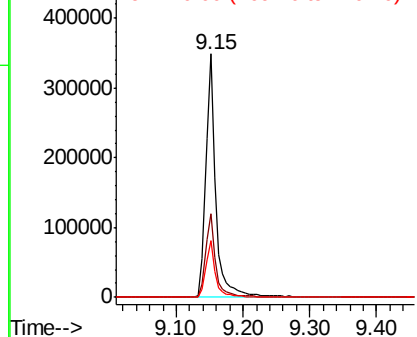
#45
2-Fluorobiphenyl
Concen: 66.727 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Instrument :
BNA_F
ClientSampleId :
10-10-J

Tot Ion:172 Resp: 359412
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.1 18.9 28.3

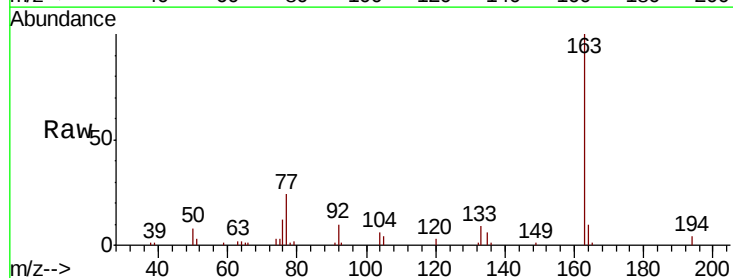


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

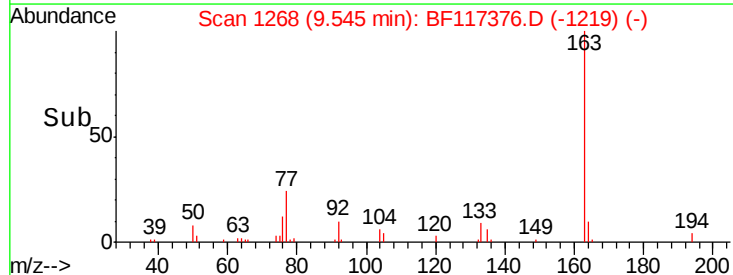
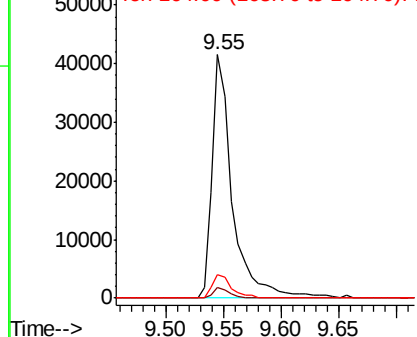


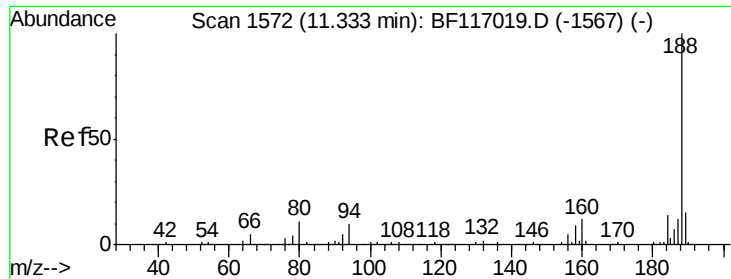
#50
Dimethylphthalate
Concen: 8.491 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Tgt Ion:163 Resp: 50632
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 9.7 8.2 12.4



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

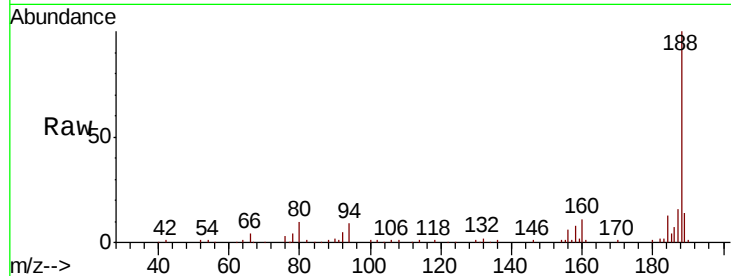




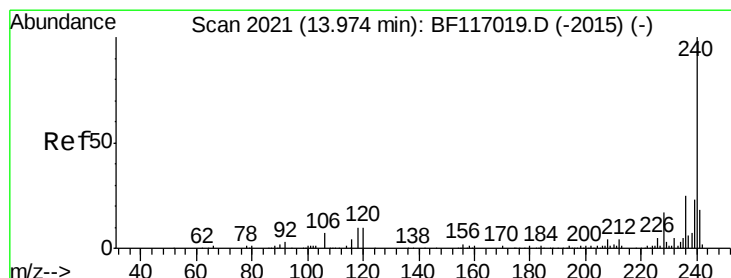
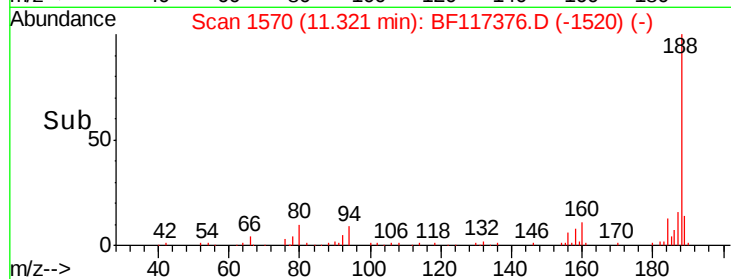
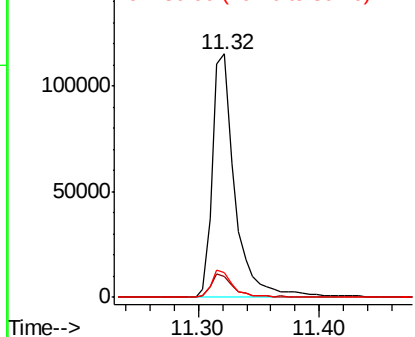
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Instrument :
BNA_F
ClientSampleId :
10-10-J

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.9	9.0	13.6

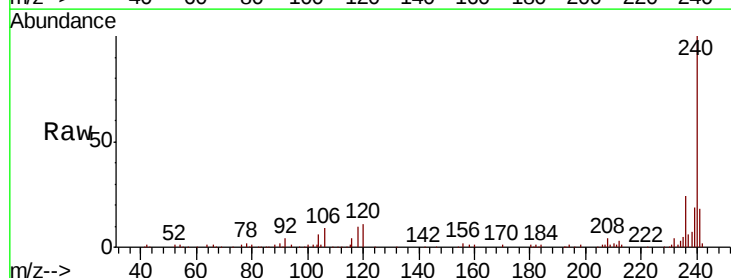


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

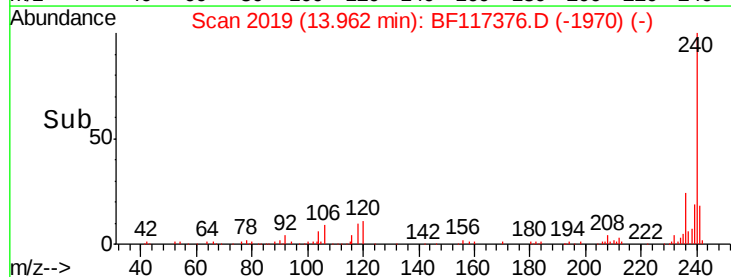
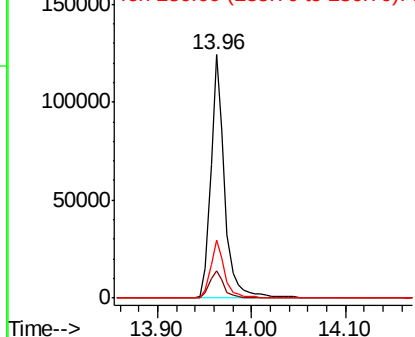


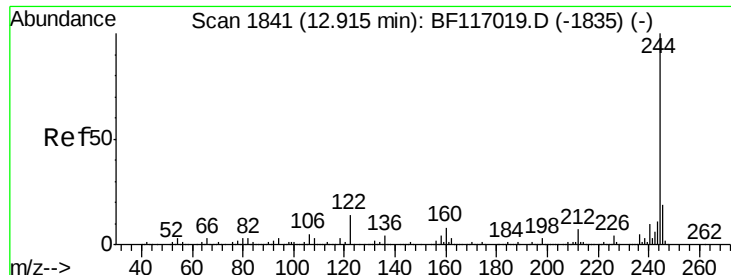
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117376.D
Acq: 12 Oct 2019 18:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	23.7	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: 60.307 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117376.D

Acq: 12 Oct 2019 18:49

Instrument :

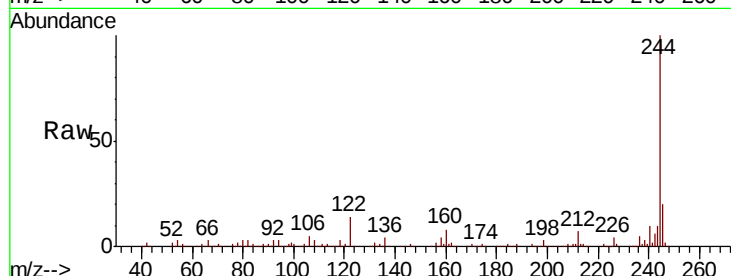
BNA_F

ClientSampled :

10-10-J

Tot Ion:244 Resp: 415190

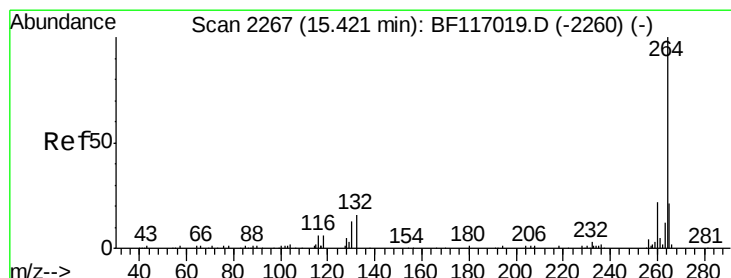
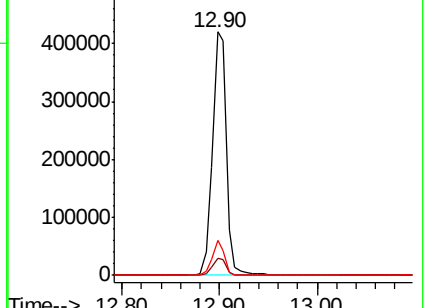
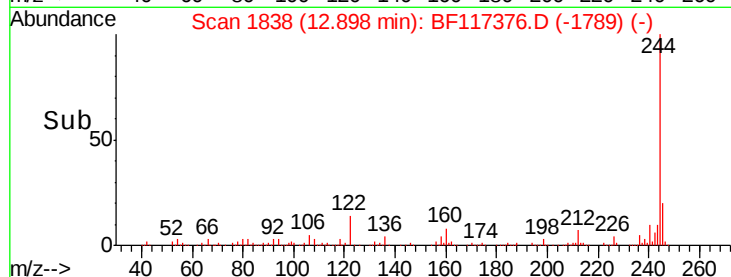
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	14.4	11.3	16.9



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# 2266

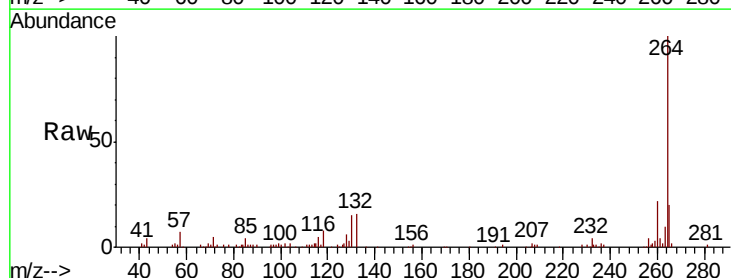
Delta R.T. -0.01 min

Lab File: BF117376.D

Acq: 12 Oct 2019 18:49

Tgt Ion:264 Resp: 122784

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.6	26.4
265	20.1	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

