

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117326.D
 Acq On : 3 Oct 2019 19:46
 Operator : JU
 Sample : K5155-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Quant Time: Oct 04 04:36:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

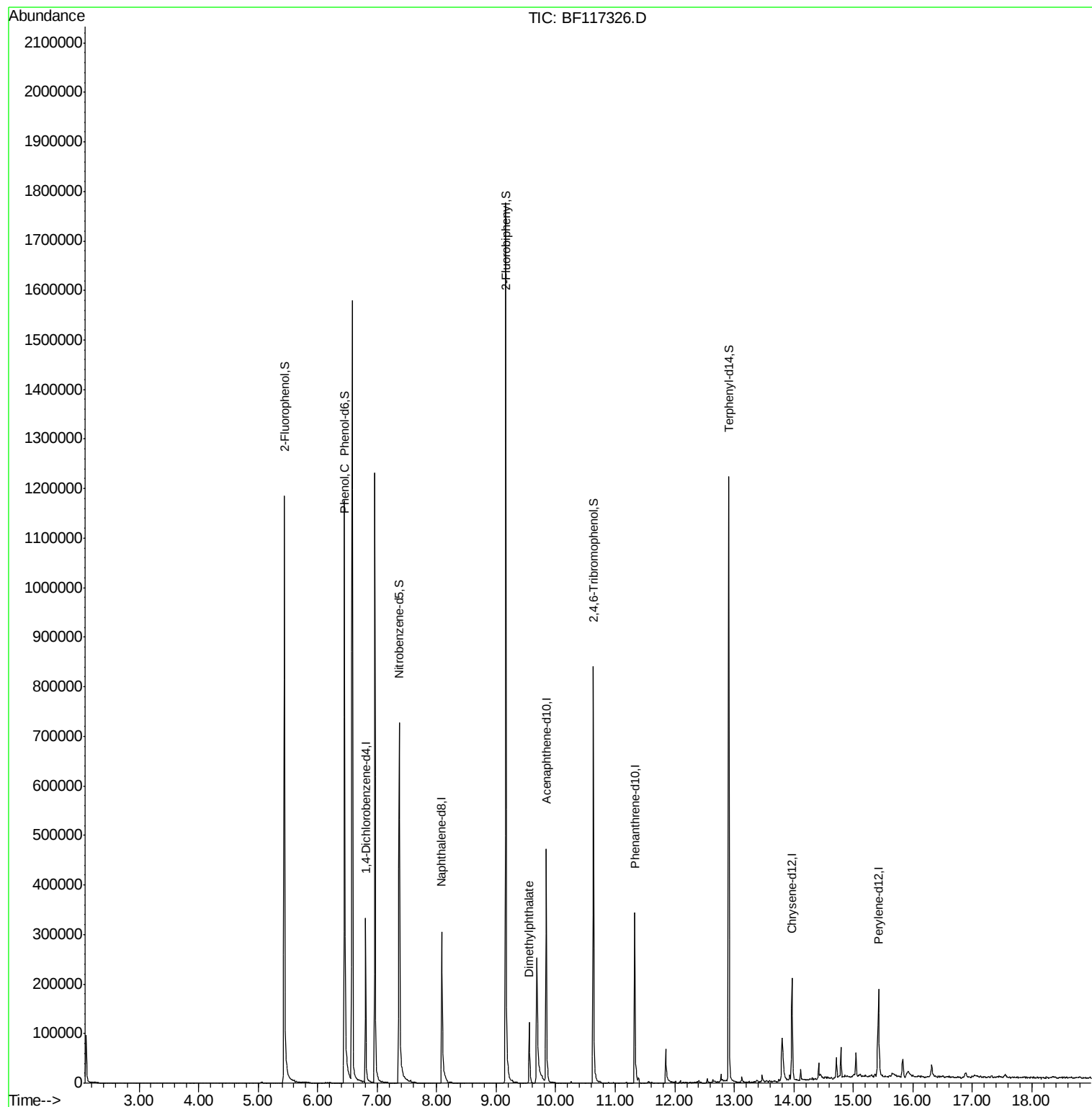
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53876	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	218426	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	105329	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	159510	20.00	ng	0.00
76) Chrysene-d12	13.97	240	77521	20.00	ng	0.00
87) Perylene-d12	15.42	264	88138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	387796	112.38	ng	0.00
7) Phenol-d6	6.45	99	552522	123.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	348807	83.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	105813	120.20	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	609443	90.47	ng	-0.01
79) Terphenyl-d14	12.91	244	439673	106.02	ng	0.00
Target Compounds						
10) Phenol	6.46	94	15124	3.076	ng	80
50) Dimethylphthalate	9.56	163	69384	9.304	ng	98

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

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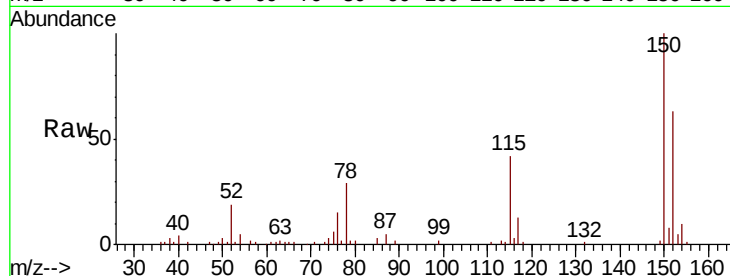


#1

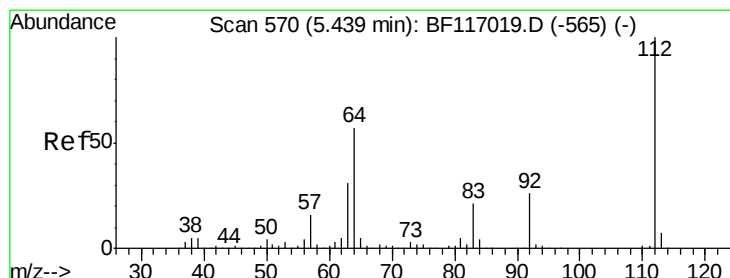
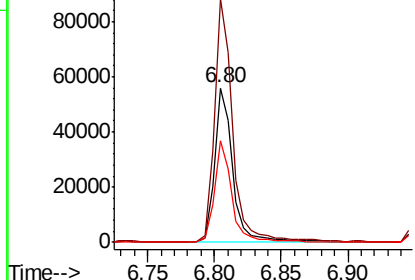
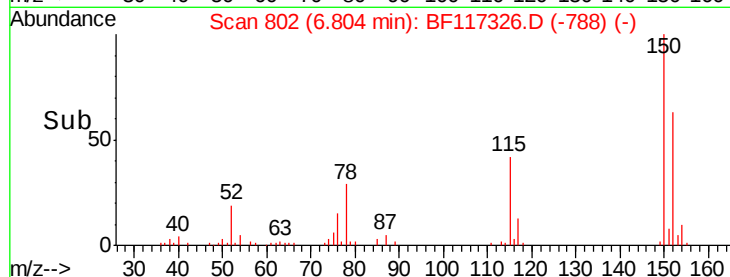
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:152 Resp: 53876
Ion Ratio Lower Upper
152 100
150 157.6 127.5 191.3
115 65.8 55.0 82.4



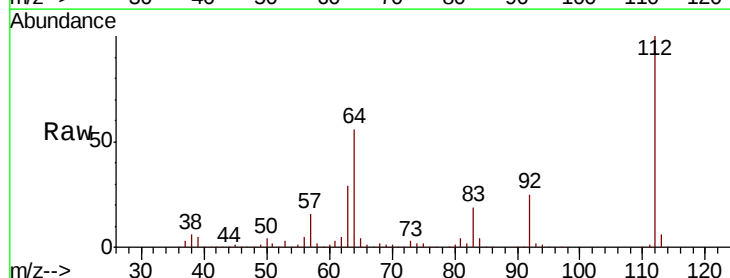
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



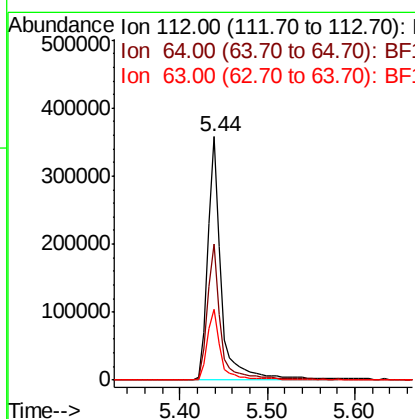
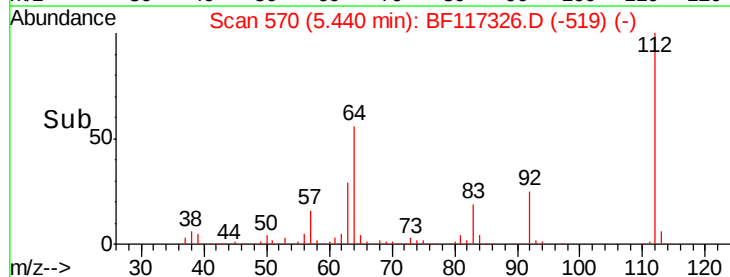
#5

2-Fluorophenol
Concen: 112.378 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Tgt Ion:112 Resp: 387796
Ion Ratio Lower Upper
112 100
64 56.1 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: 123.892 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117326.D

Acq: 3 Oct 2019 19:46

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

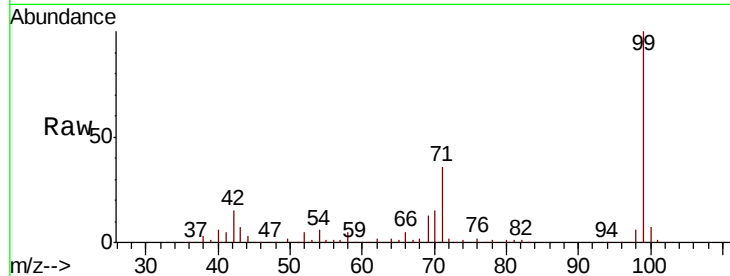
Tot Ion: 99 Resp: 552522

Ion Ratio Lower Upper

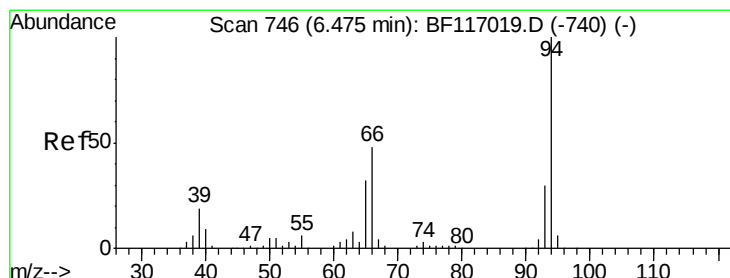
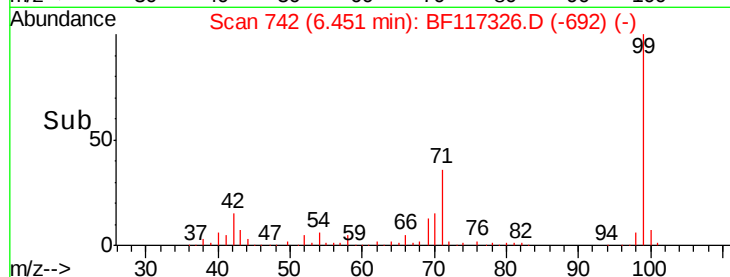
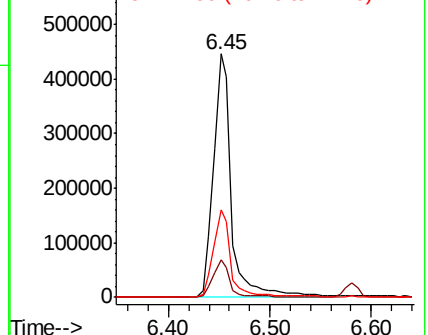
99 100

42 15.3 12.2 18.2

71 36.1 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: 3.076 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117326.D

Acq: 3 Oct 2019 19:46

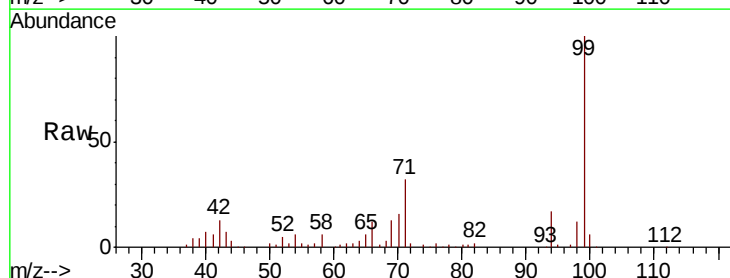
Tgt Ion: 94 Resp: 15124

Ion Ratio Lower Upper

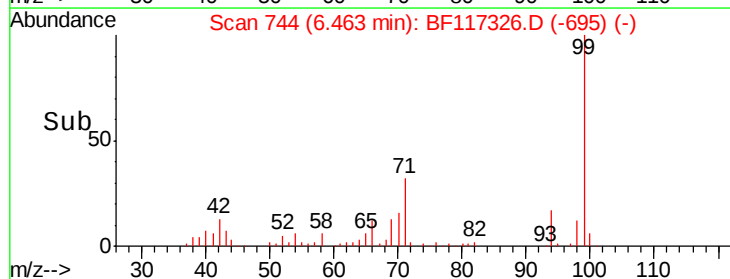
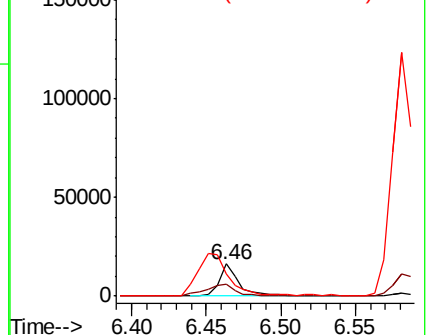
94 100

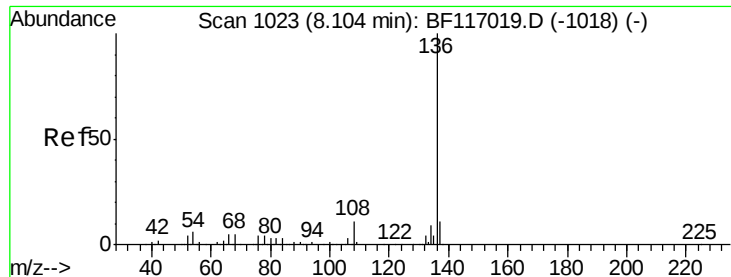
65 36.3 12.5 52.5

66 68.5 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

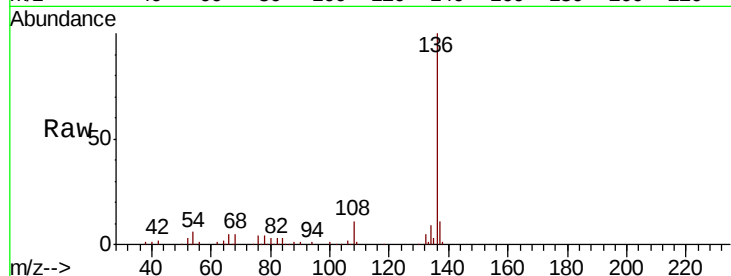




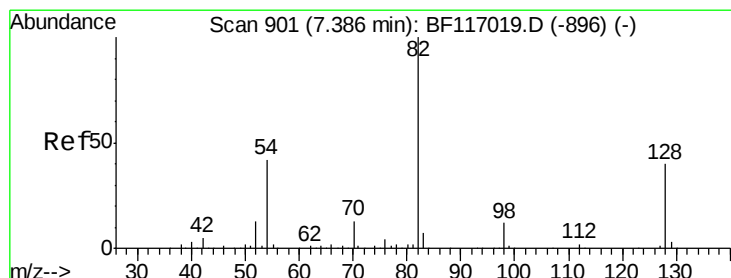
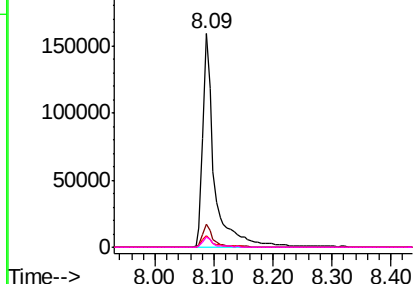
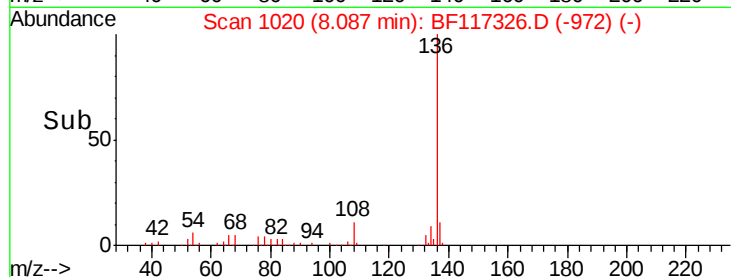
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:136	Resp: 218426
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 5.6	4.5 6.7
68 4.7	4.0 6.0

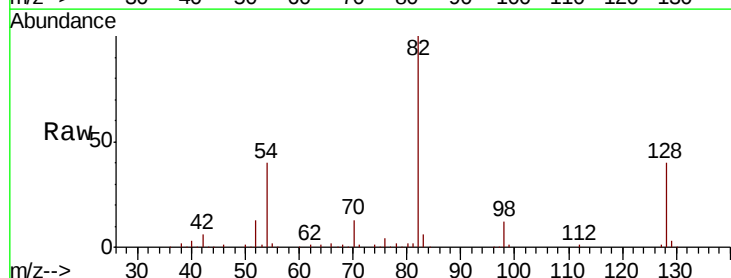


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

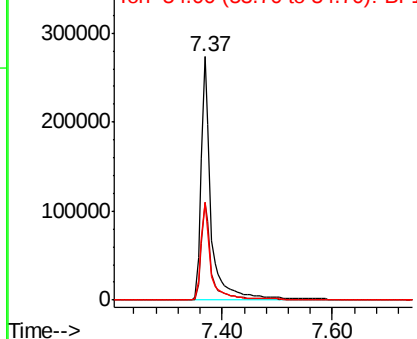
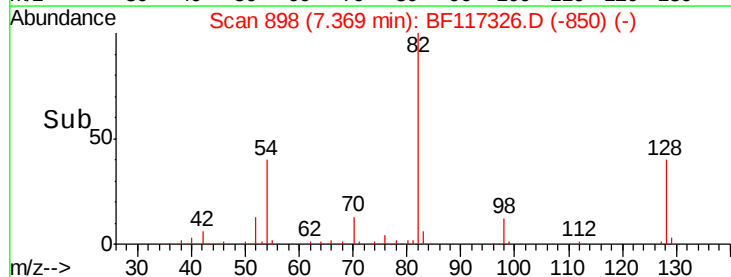


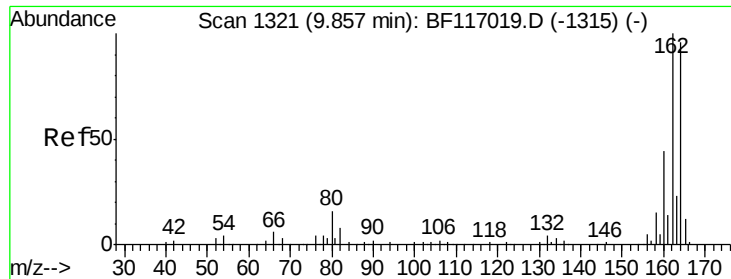
#23
Nitrobenzene-d5
Concen: 83.906 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Tgt	Ion: 82	Resp:	348807
Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	40.1	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

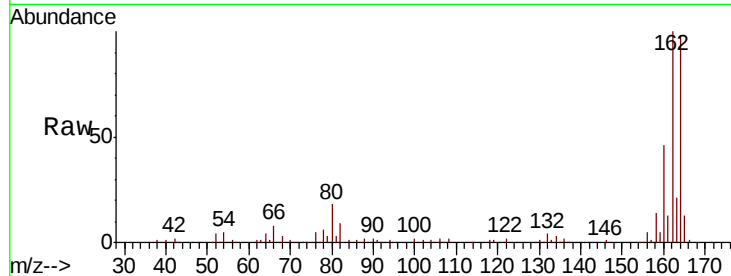




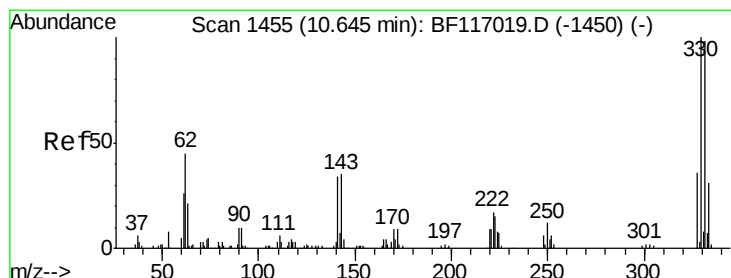
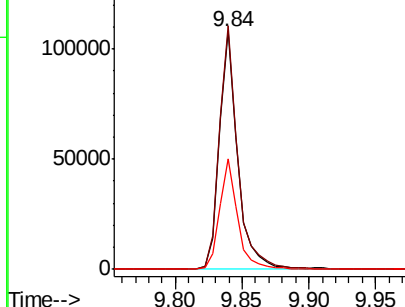
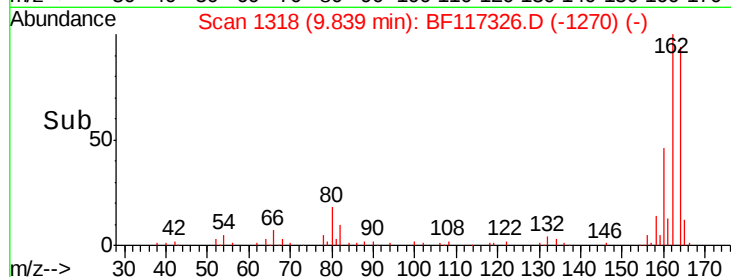
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:164 Resp: 105329
Ion Ratio Lower Upper
164 100
162 102.2 83.4 125.2
160 46.6 36.4 54.6

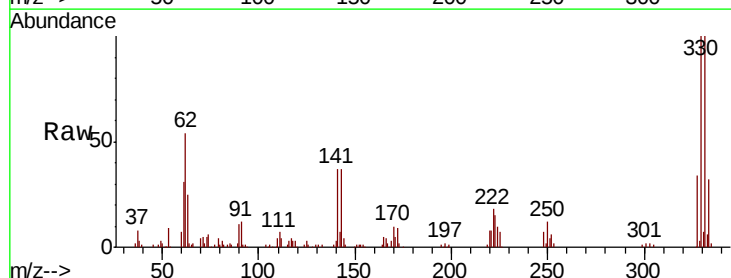


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

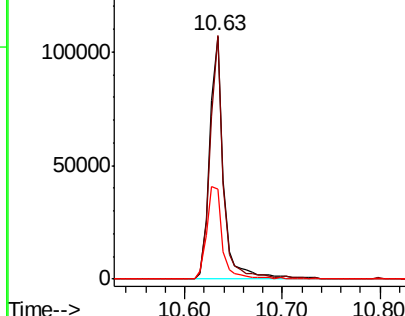
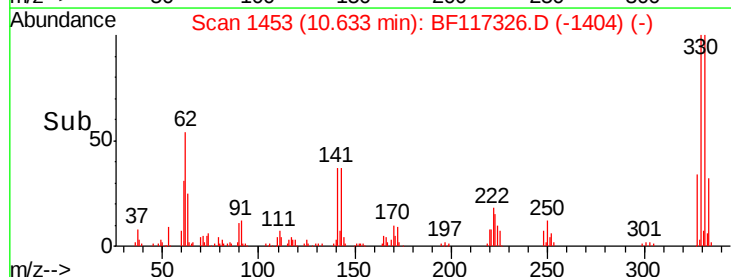


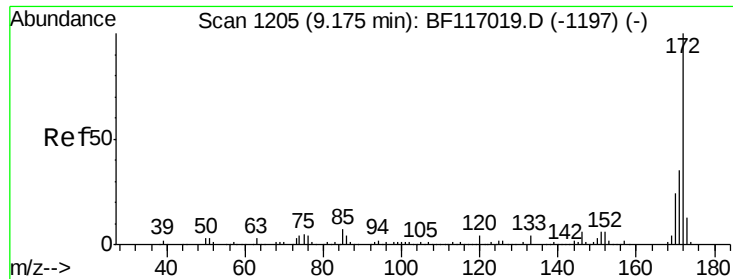
#42
2,4,6-Tribromophenol
Concen: 120.200 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Tgt Ion:330 Resp: 105813
Ion Ratio Lower Upper
330 100
332 94.0 78.0 117.0
141 43.6 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

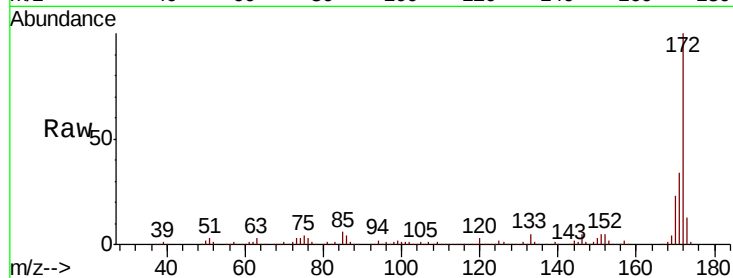




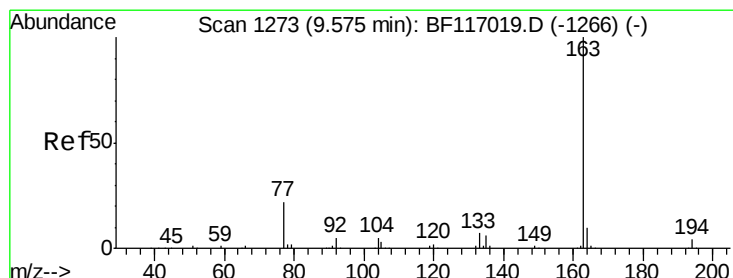
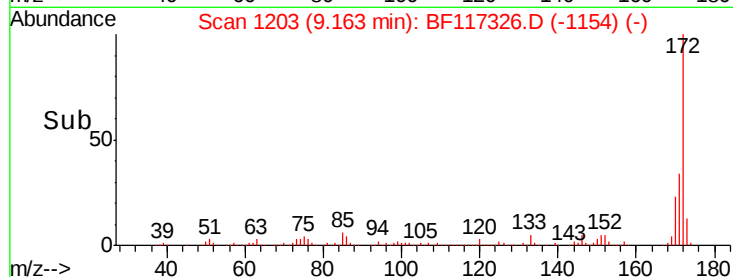
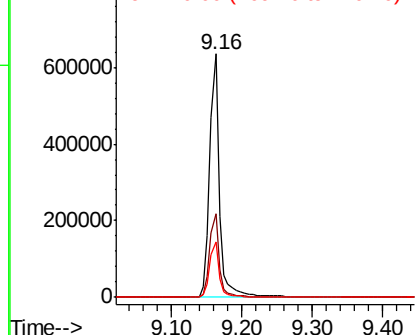
#45
2-Fluorobiphenyl
Concen: 90.470 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:172 Resp: 609443
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.5 18.9 28.3

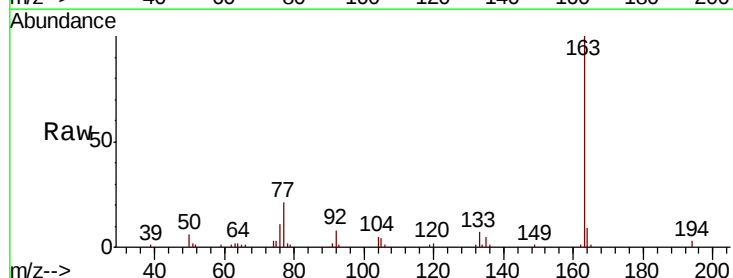


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

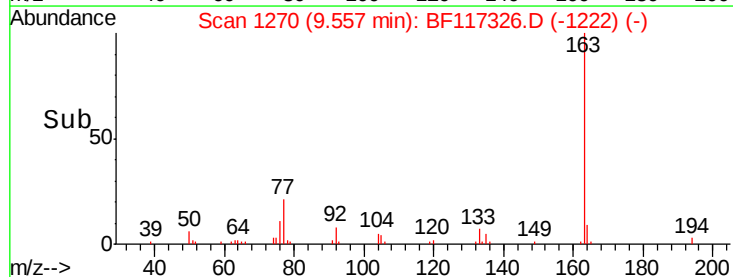
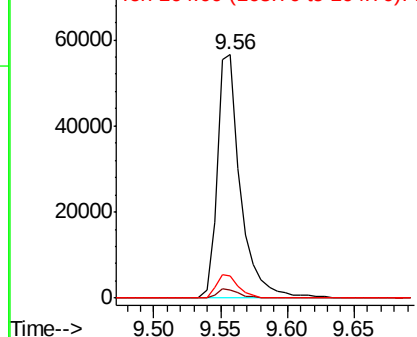


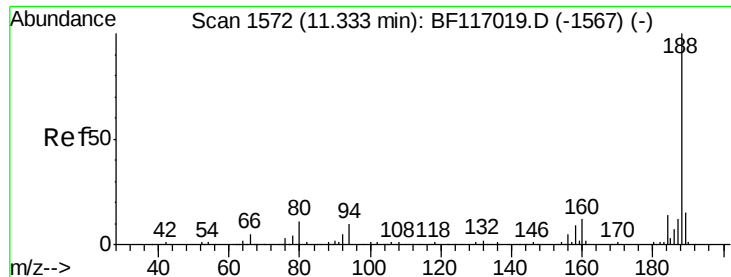
#50
Dimethylphthalate
Concen: 9.304 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117326.D
Acq: 3 Oct 2019 19:46

Tgt Ion:163 Resp: 69384
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.4 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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF117326.D

Acq: 3 Oct 2019 19:46

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

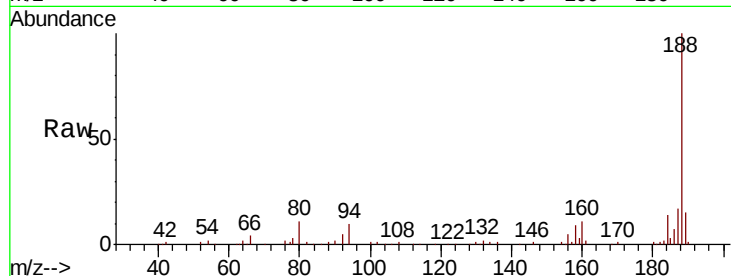
Tot Ion:188 Resp: 159510

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

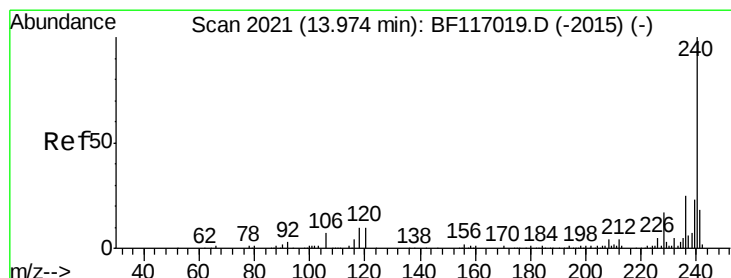
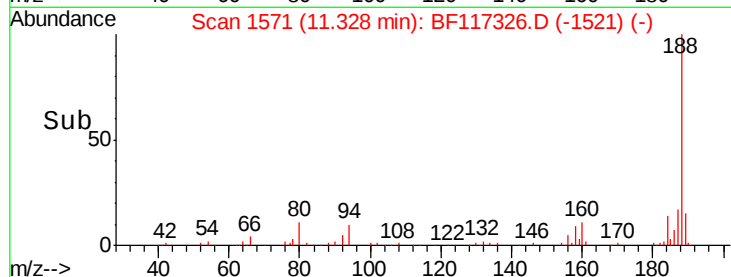
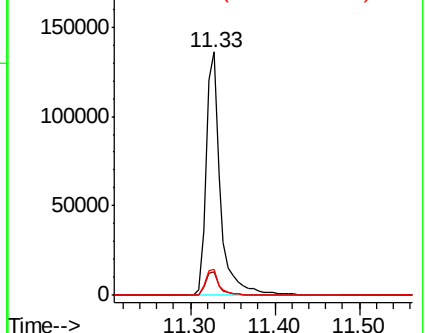
80 10.8 9.0 13.6



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117326.D

Acq: 3 Oct 2019 19:46

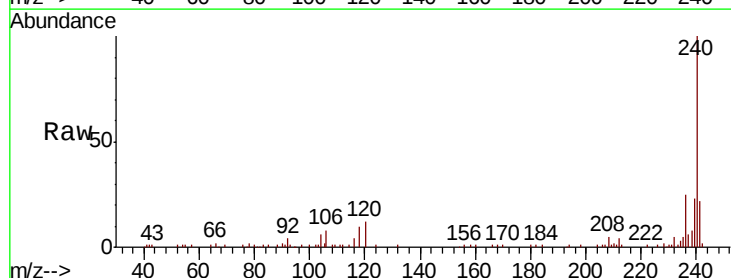
Tgt Ion:240 Resp: 77521

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

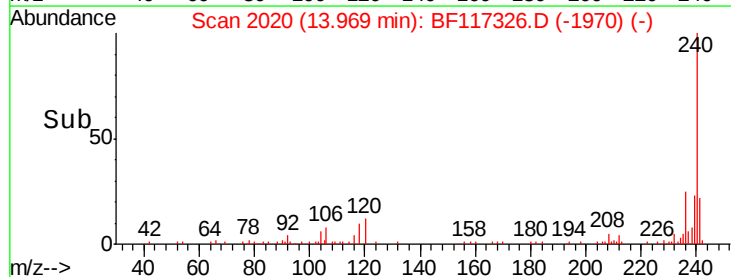
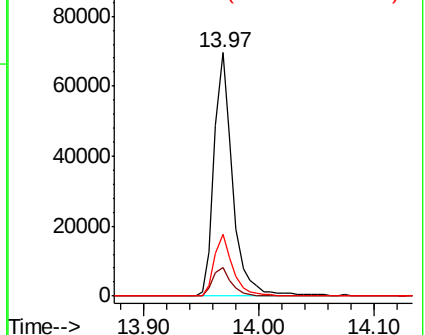
236 25.3 20.3 30.5

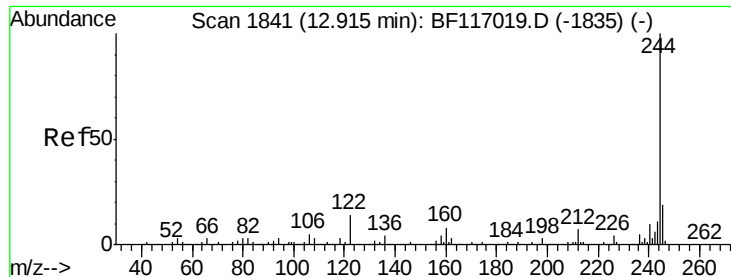


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

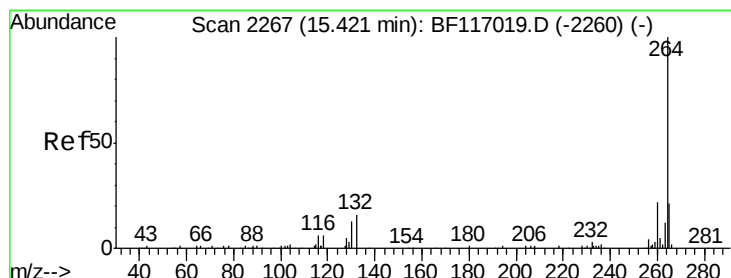
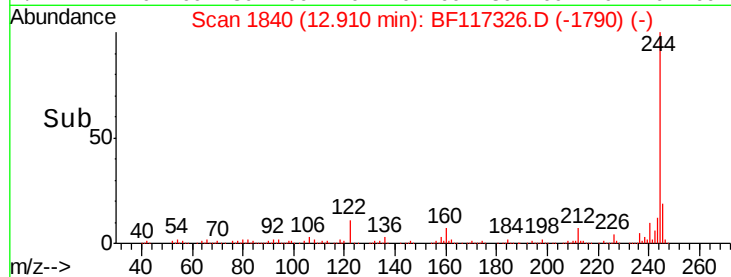
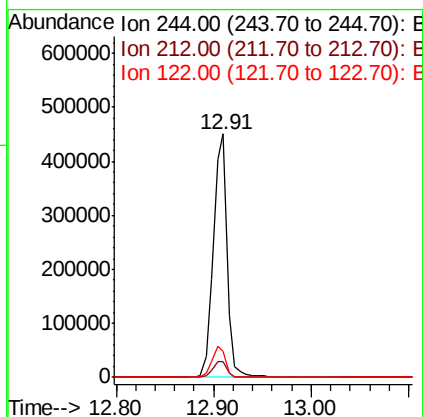
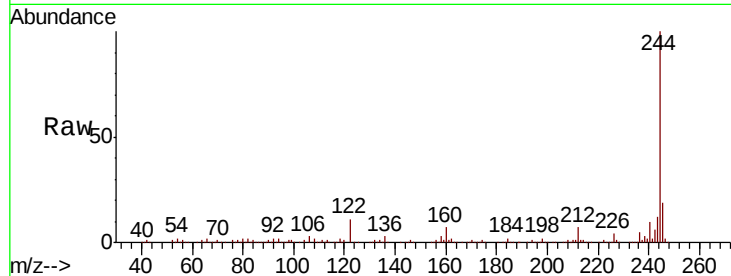




#79
 Terphenyl-d14
 Concen: 106.016 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117326.D
 Acq: 3 Oct 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tot Ion:244 Resp: 439673
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.9 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117326.D
 Acq: 3 Oct 2019 19:46

Tgt Ion:264 Resp: 88138
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.6 26.4
 265 21.6 16.6 24.8

