

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117462.D
 Acq On : 21 Oct 2019 22:02
 Operator : JU
 Sample : K5459-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

Quant Time: Oct 22 02:31:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

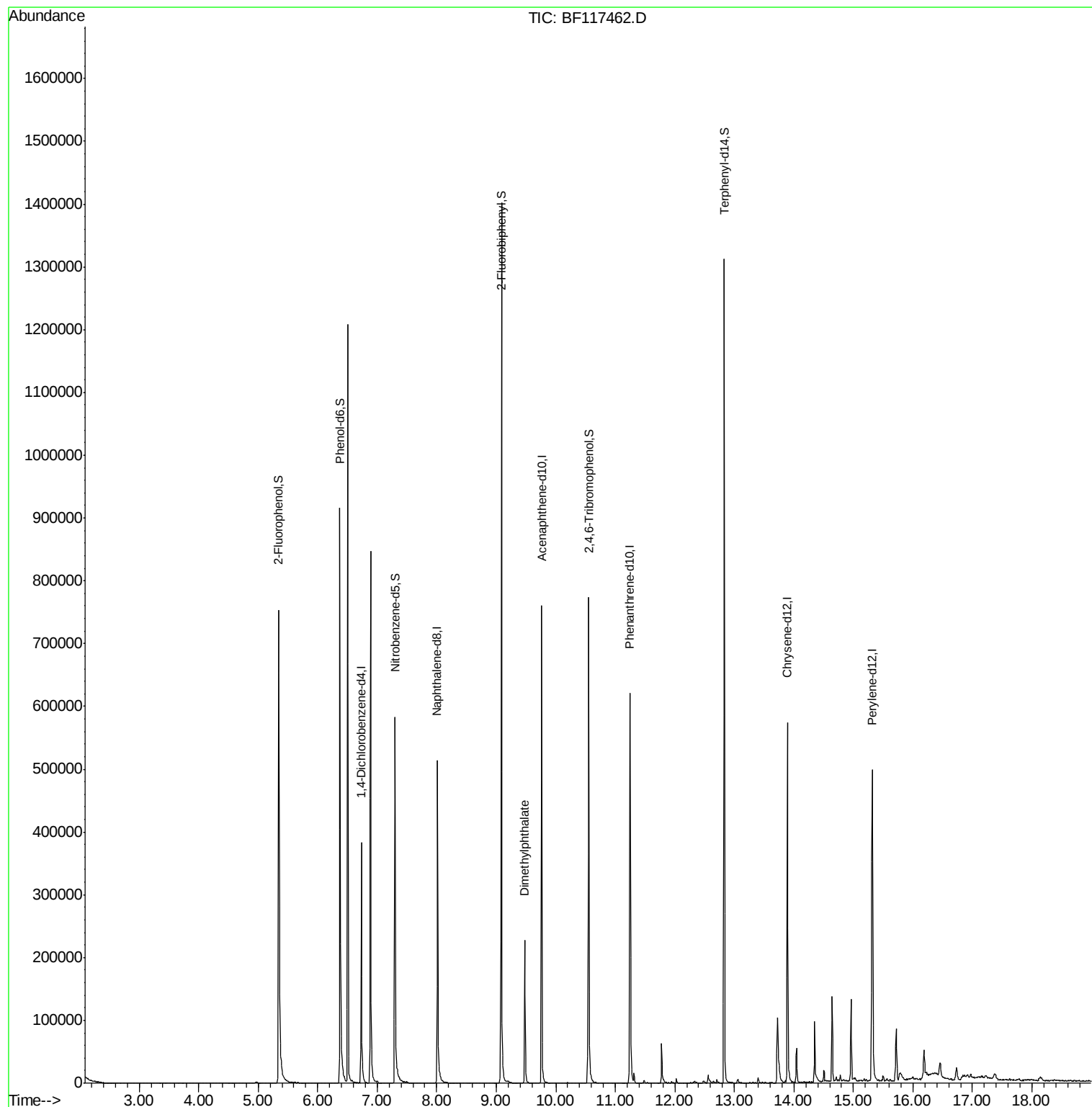
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	66095	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	276306	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	146754	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	257076	20.00	ng	0.00
76) Chrysene-d12	13.89	240	208739	20.00	ng	0.00
87) Perylene-d12	15.32	264	195963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	267054	60.11	ng	0.00
7) Phenol-d6	6.37	99	375365	62.91	ng	0.00
23) Nitrobenzene-d5	7.30	82	233004	41.63	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	81469	64.16	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	413522	39.70	ng	0.00
79) Terphenyl-d14	12.83	244	449817	35.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	90379	8.639	ng	Qvalue 97

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

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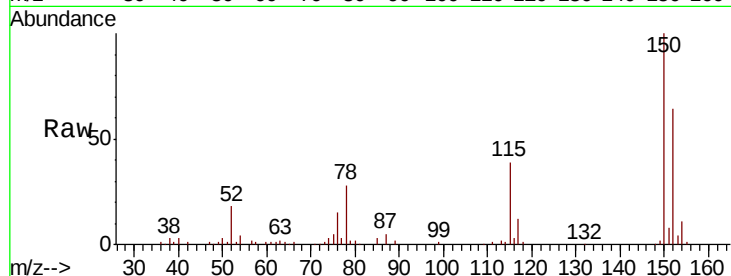


#1

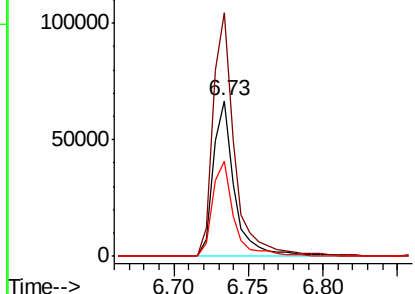
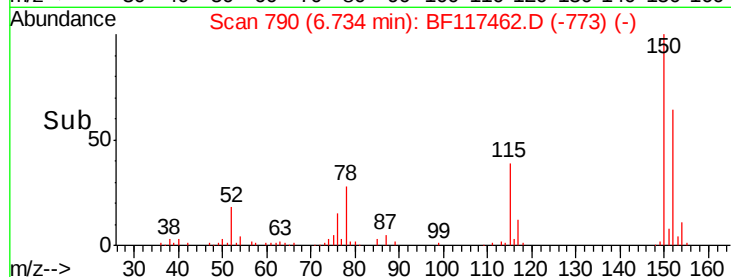
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-HARVEY-SUB

Tot Ion:152 Resp: 66095
Ion Ratio Lower Upper
152 100
150 156.7 126.8 190.2
115 61.2 51.6 77.4



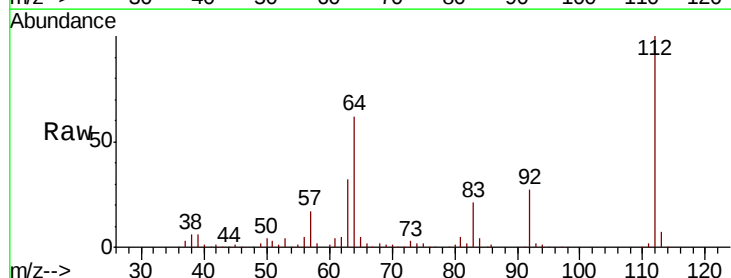
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



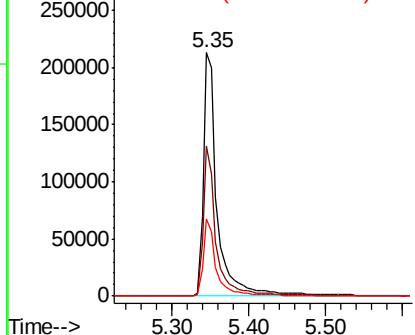
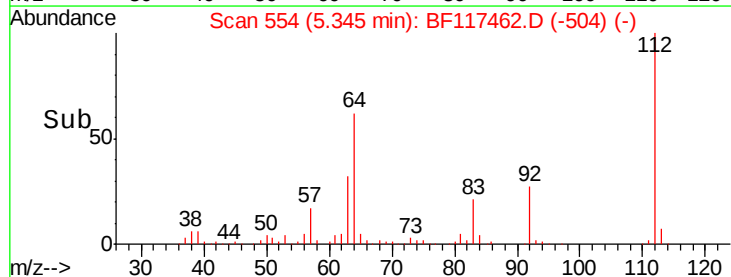
#5

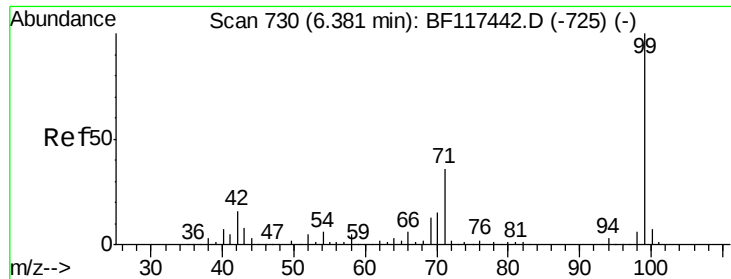
2-Fluorophenol
Concen: 60.110 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Tgt Ion:112 Resp: 267054
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 31.9 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: 62.906 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-HARVEY-SUB

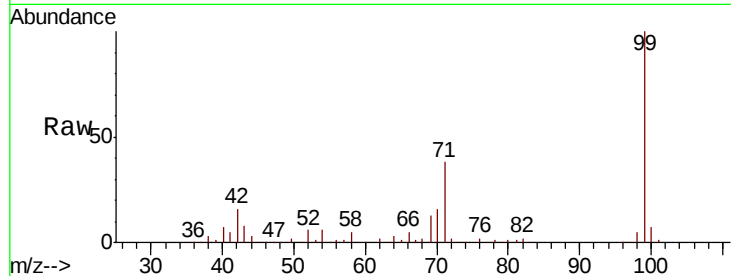
Tot Ion: 99 Resp: 375365

Ion Ratio Lower Upper

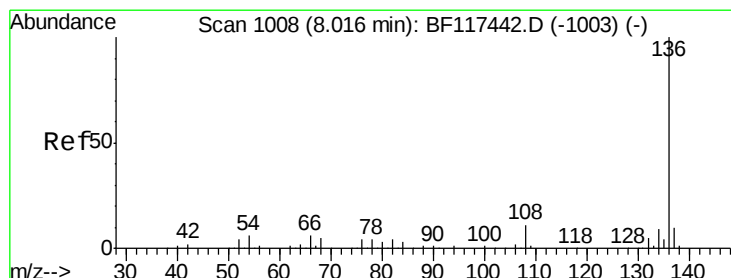
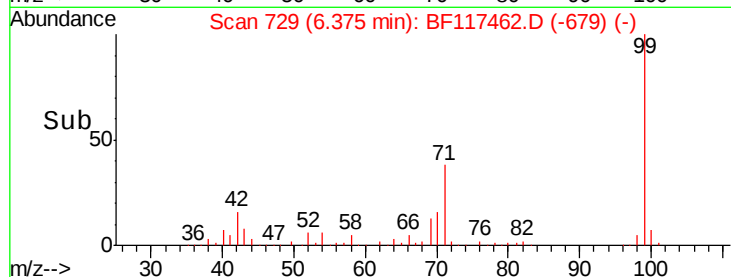
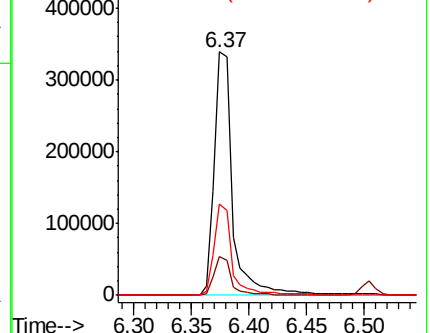
99 100

42 15.9 12.8 19.2

71 37.6 28.6 43.0



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117462.D

Acq: 21 Oct 2019 22:02

Tgt Ion: 136 Resp: 276306

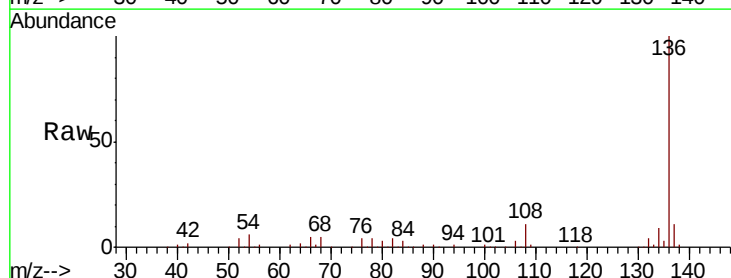
Ion Ratio Lower Upper

136 100

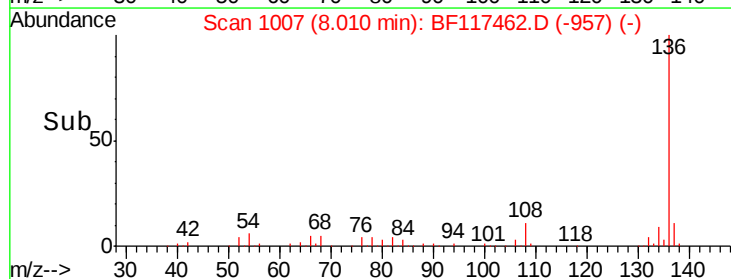
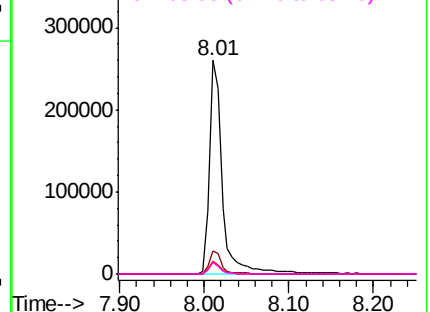
137 10.7 8.2 12.4

54 5.8 4.5 6.7

68 5.1 4.3 6.5



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

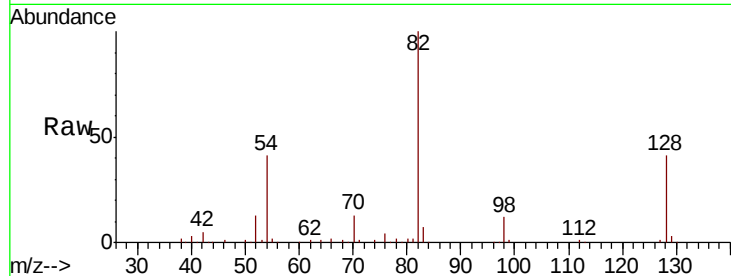




#23
 Nitrobenzene-d5
 Concen: 41.631 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

Tot Ion	82	Resp	233004
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.2	48.2
54	40.9	34.2	51.2

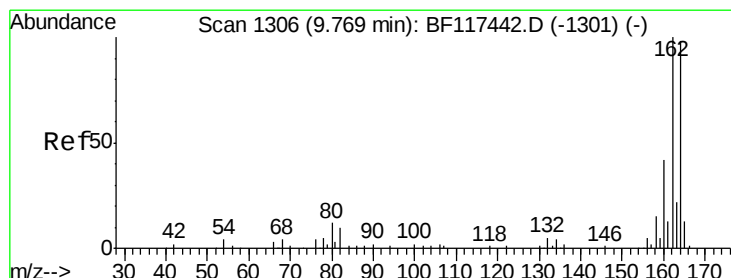
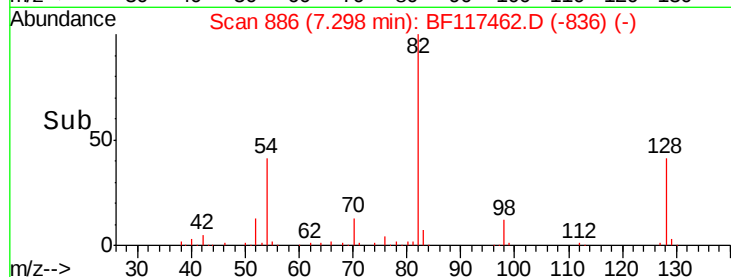
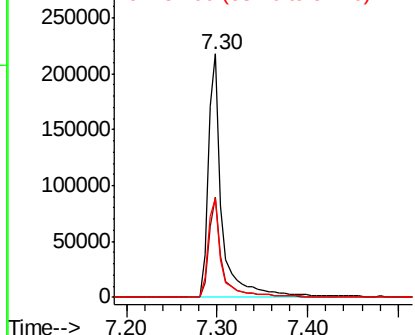


Abundance

Ion 82.00 (81.70 to 82.70): BF1

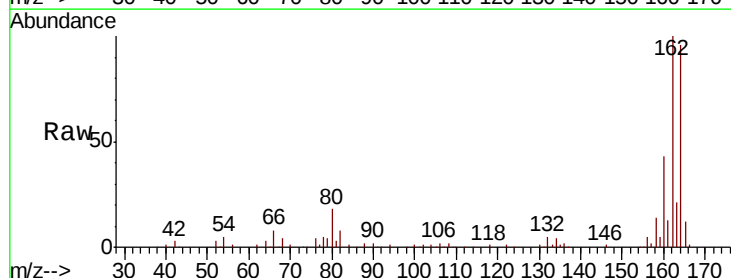
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Tgt Ion	164	Resp	146754
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.8	122.6
160	45.0	34.4	51.6

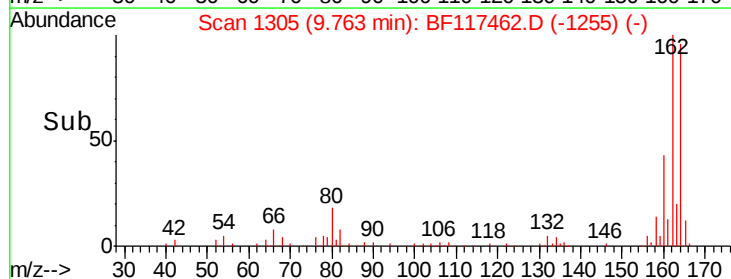
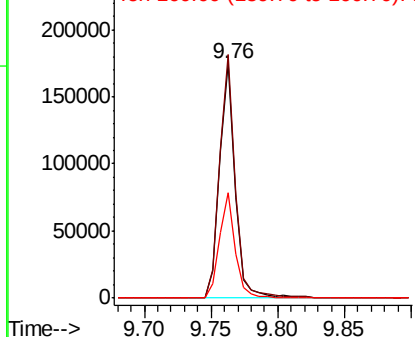


Abundance

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

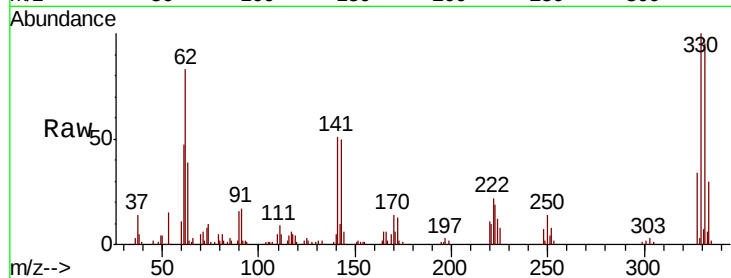




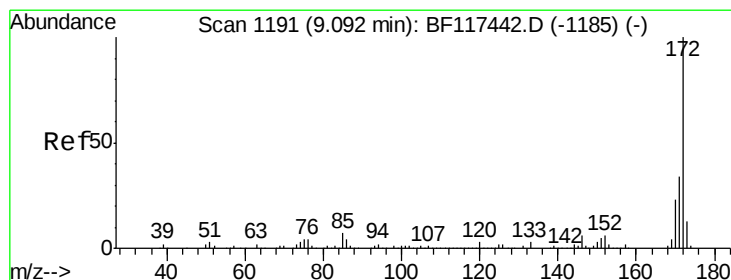
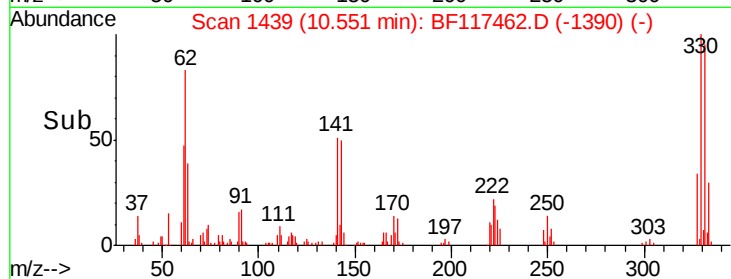
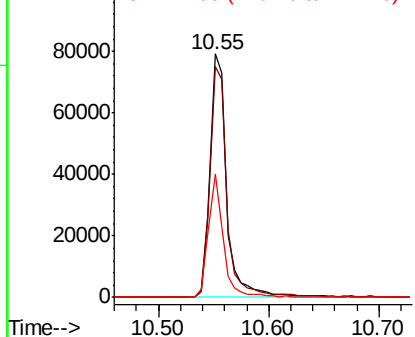
#42
 2,4,6-Tribromophenol
 Concen: 64.159 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

Tot Ion:330 Resp: 81469
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.5 117.7
 141 44.5 37.0 55.6

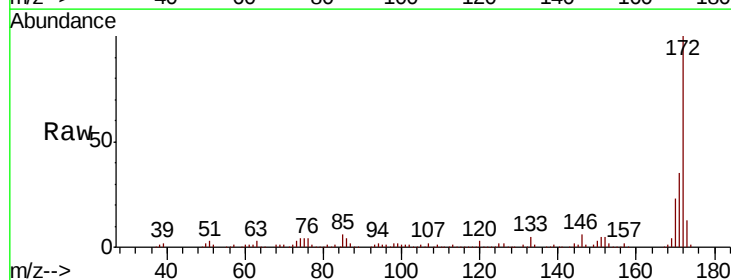


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

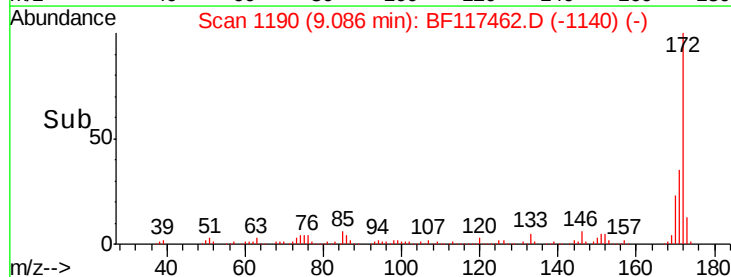
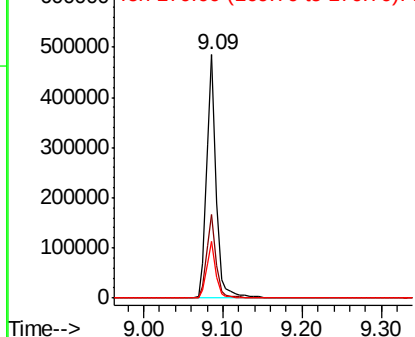


#45
 2-Fluorobiphenyl
 Concen: 39.702 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Tgt Ion:172 Resp: 413522
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.5 41.3
 170 23.2 18.6 27.8



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

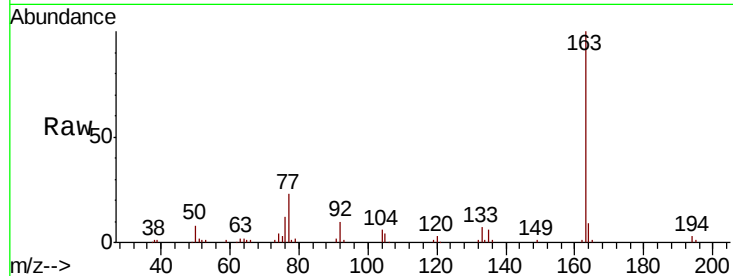




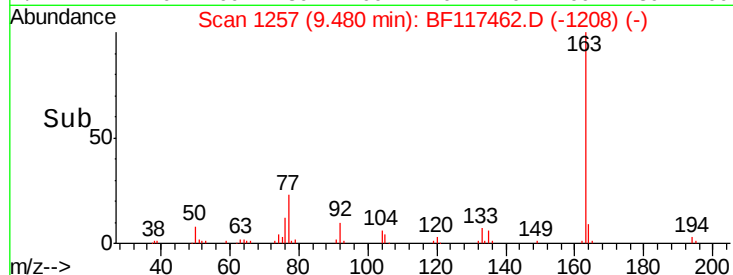
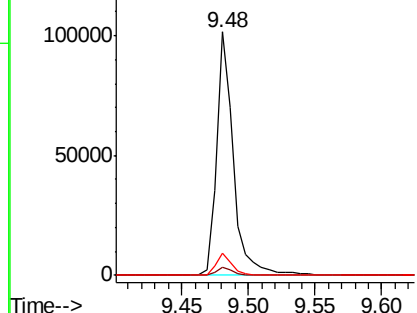
#50
Dimethylphthalate
Concen: 8.639 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-HARVEY-SUB

Tot Ion:163 Resp: 90379
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 8.9 8.2 12.2

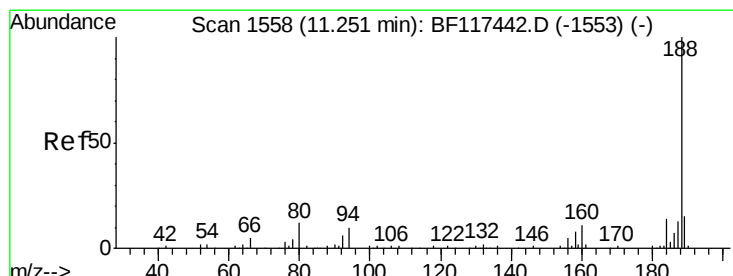


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

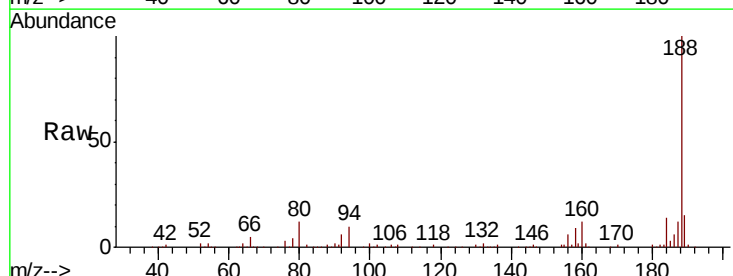
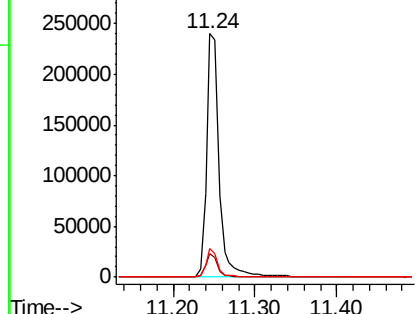


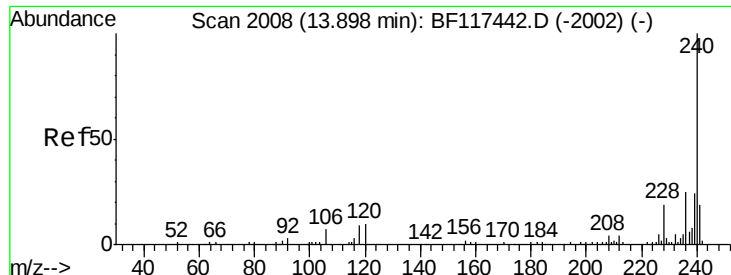
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117462.D
Acq: 21 Oct 2019 22:02

Tgt Ion:188 Resp: 257076
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.5 9.5 14.3



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

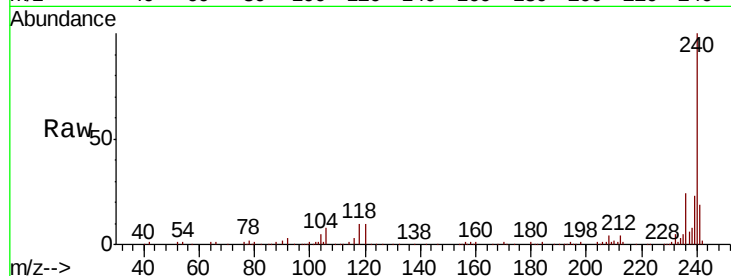




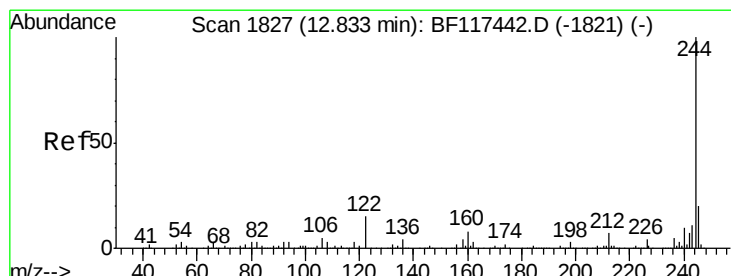
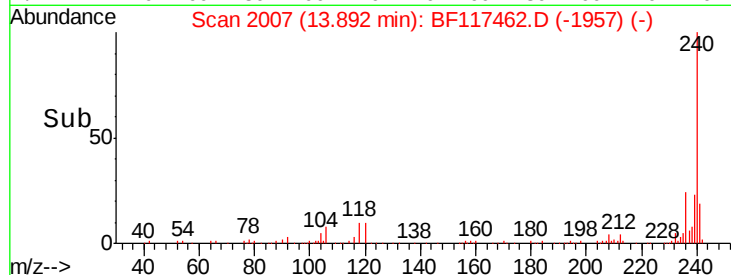
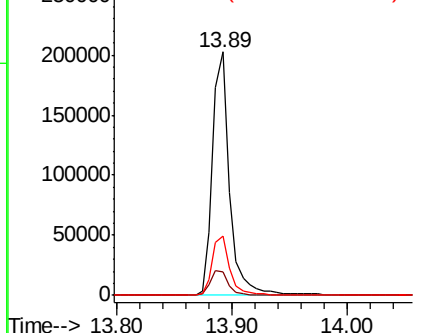
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

Tot Ion:240 Resp: 208739
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 24.4 20.0 30.0

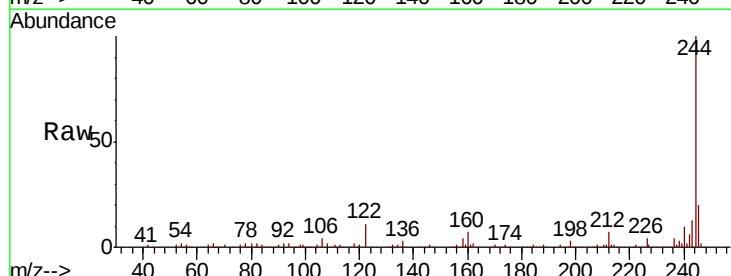


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

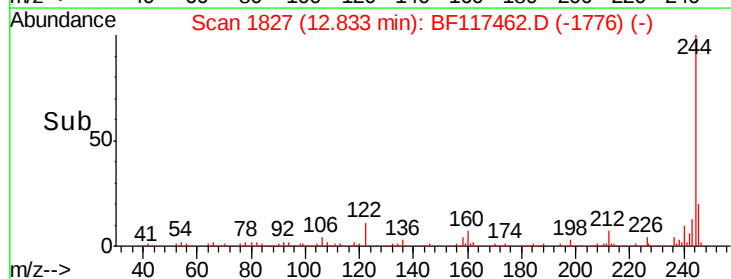
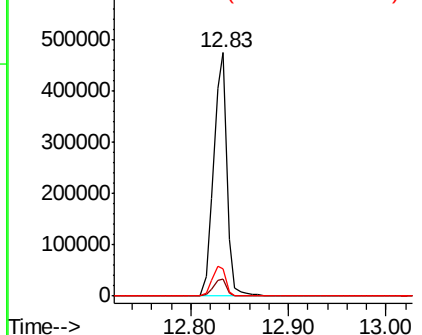


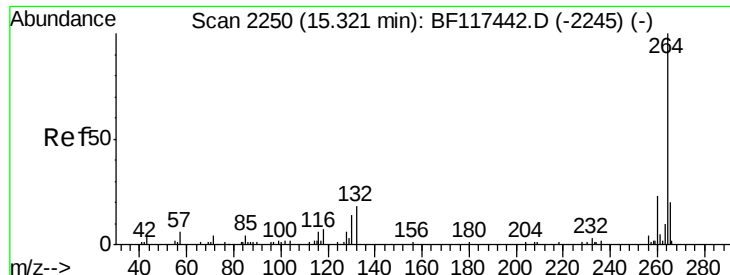
#79
 Terphenyl-d14
 Concen: 35.149 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Tgt Ion:244 Resp: 449817
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.3 11.8 17.8#



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

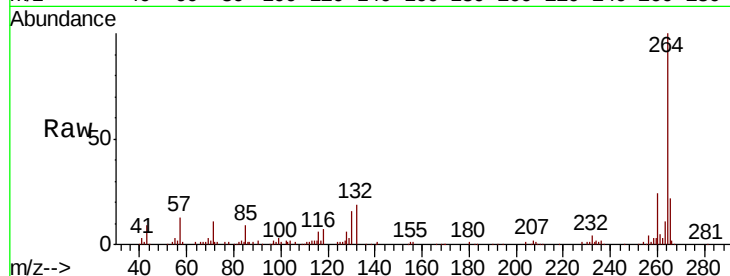




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF117462.D
 Acq: 21 Oct 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

Tot Ion:	264	Resp:	195963
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.3	16.1	24.1



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

