

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117593.D
 Acq On : 29 Oct 2019 16:17
 Operator : JU
 Sample : K5568-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-102519

Quant Time: Oct 30 03:47:38 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

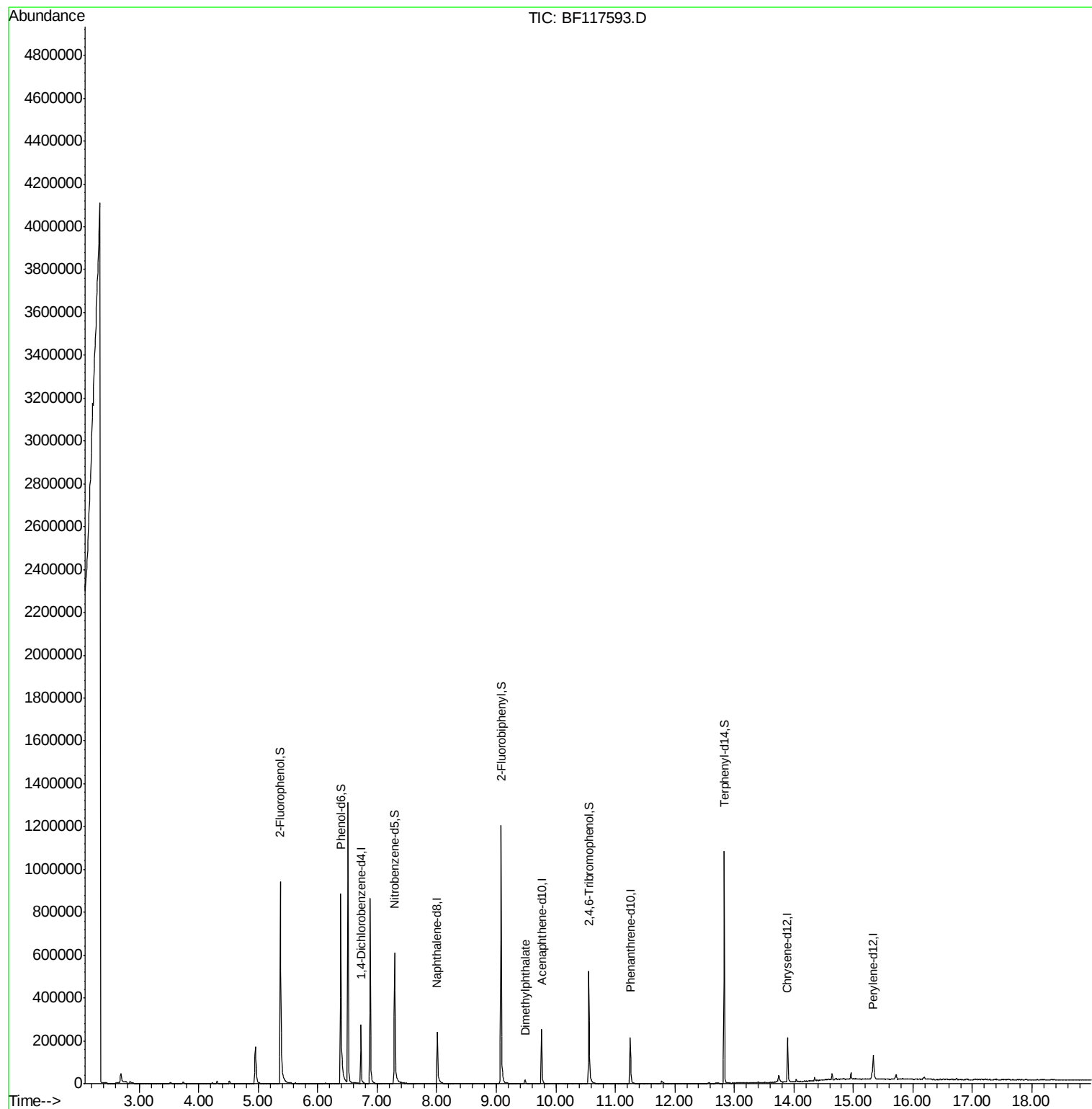
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41345	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	158574	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	68510	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	97532	20.00	ng	0.00
76) Chrysene-d12	13.89	240	75126	20.00	ng	0.00
87) Perylene-d12	15.33	264	62802	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	326785	117.59	ng	0.02
7) Phenol-d6	6.39	99	425005	113.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	266950	83.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	69139	116.63	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	428565	88.14	ng	-0.01
79) Terphenyl-d14	12.83	244	378681	82.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	11457	2.346	ng	Qvalue 99

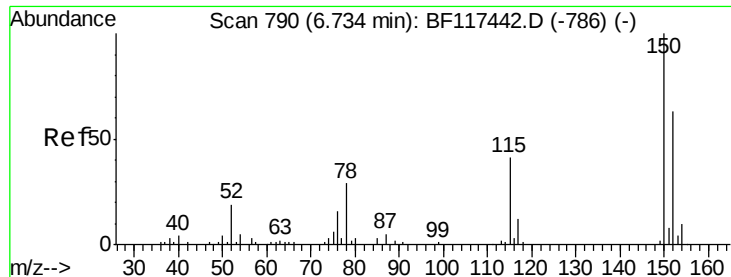
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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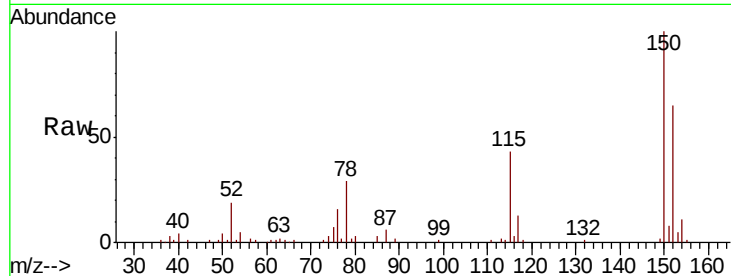


#1

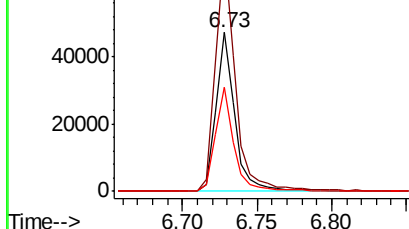
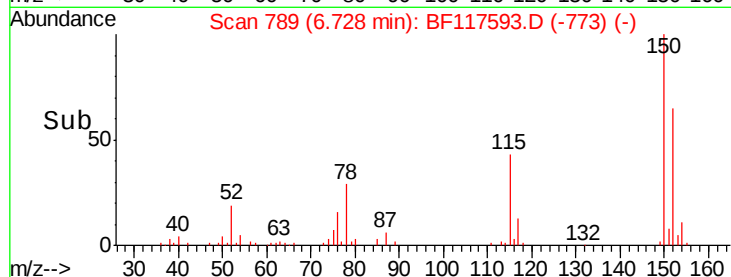
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-102519

Tot Ion:152 Resp: 41345
Ion Ratio Lower Upper
152 100
150 153.1 126.8 190.2
115 65.6 51.6 77.4



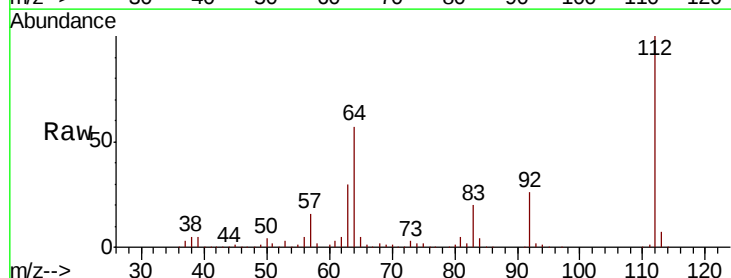
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



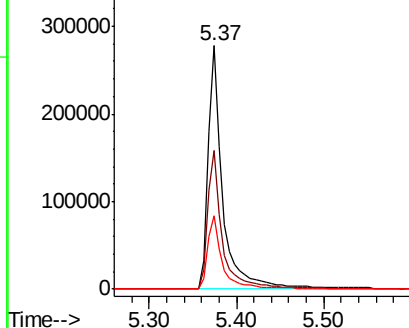
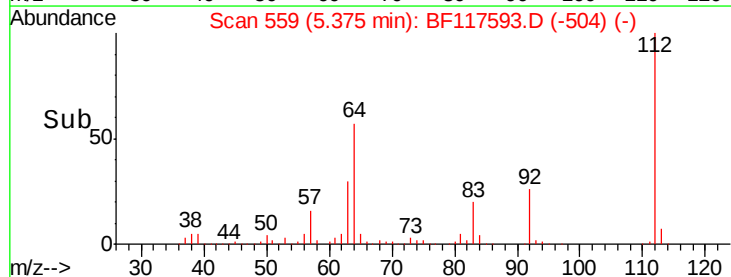
#5

2-Fluorophenol
Concen: 117.586 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

Tgt Ion:112 Resp: 326785
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 30.0 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: 113.861 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-102519

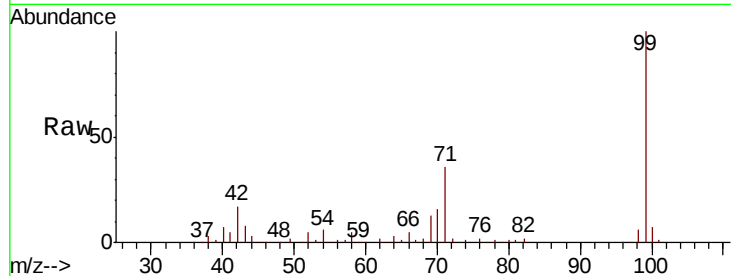
Tot Ion: 99 Resp: 425005

Ion Ratio Lower Upper

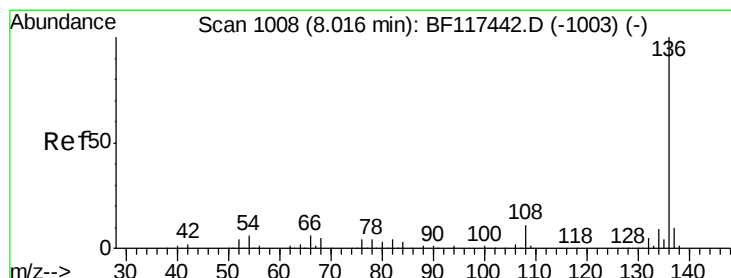
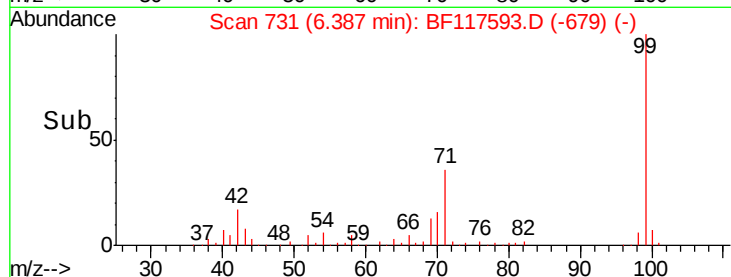
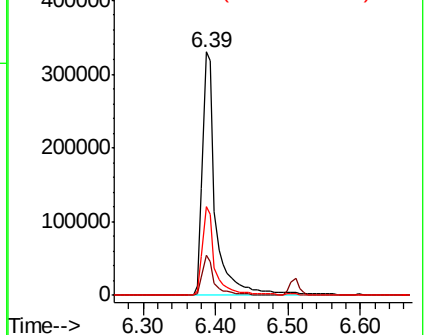
99 100

42 16.5 12.8 19.2

71 36.4 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: BF117593.D

Acq: 29 Oct 2019 16:17

Tgt Ion: 136 Resp: 158574

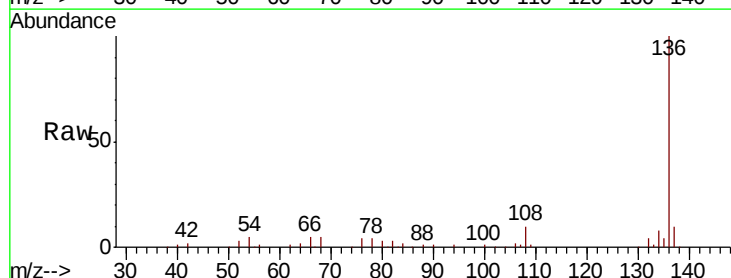
Ion Ratio Lower Upper

136 100

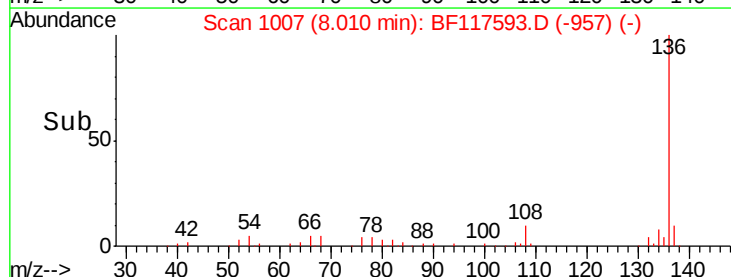
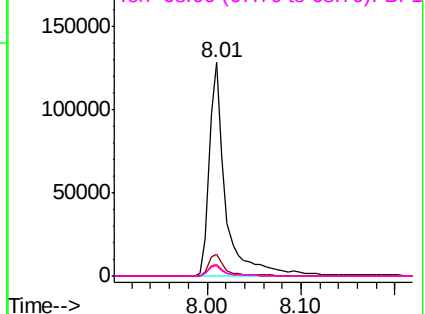
137 10.1 8.2 12.4

54 5.3 4.5 6.7

68 4.9 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

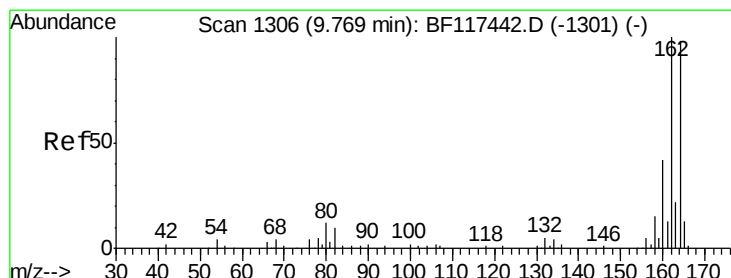
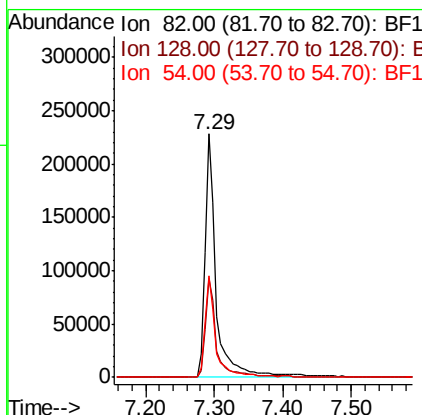
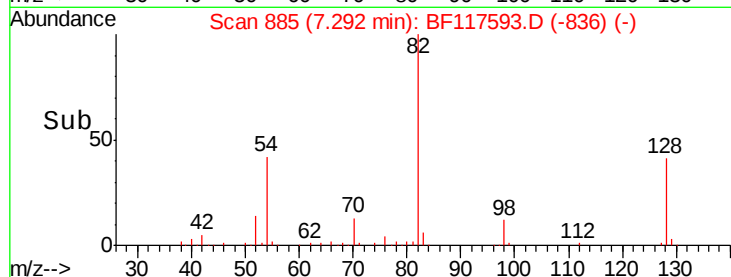
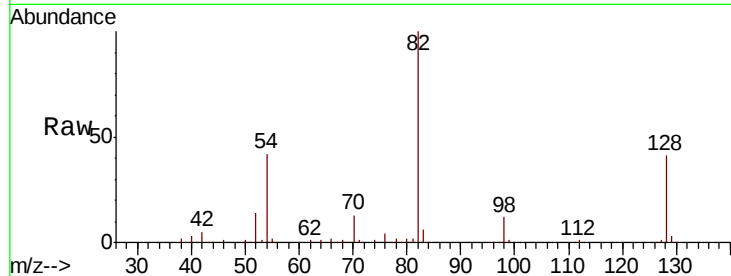




#23
 Nitrobenzene-d5
 Concen: 83.108 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

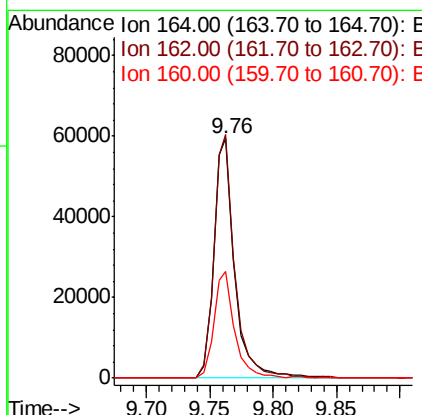
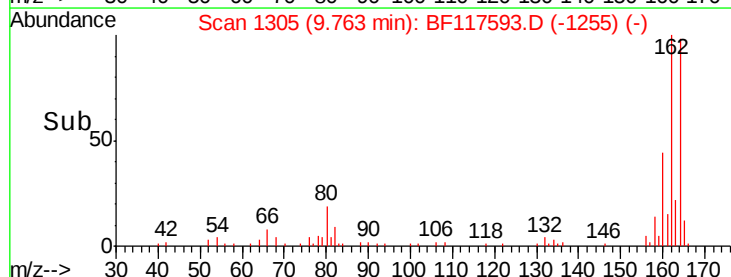
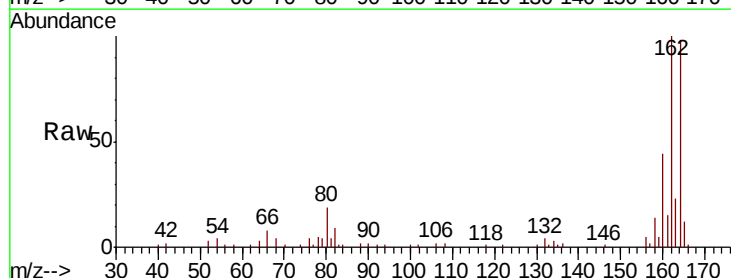
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-102519

Tot Ion	82	Resp	266950
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.2	48.2
54	41.8	34.2	51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Tgt Ion	164	Resp	68510
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.8	122.6
160	44.6	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 116.634 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-102519

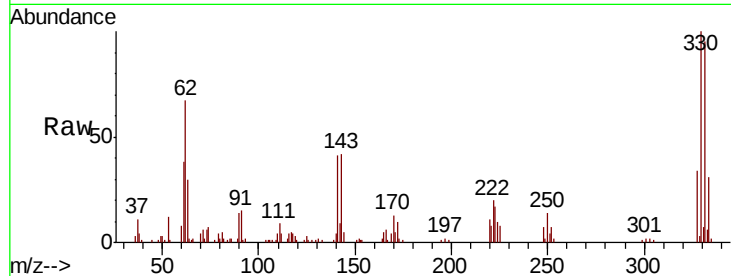
Tot Ion:330 Resp: 69139

Ion Ratio Lower Upper

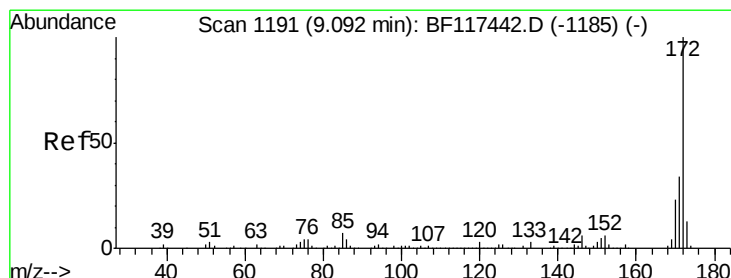
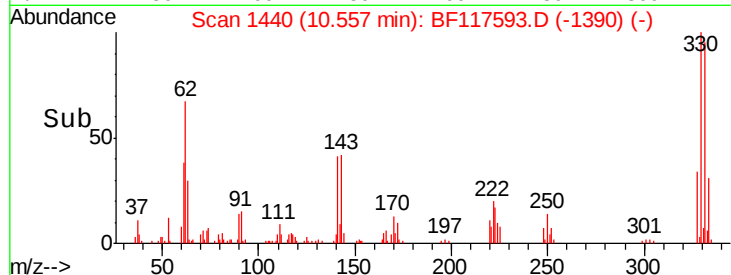
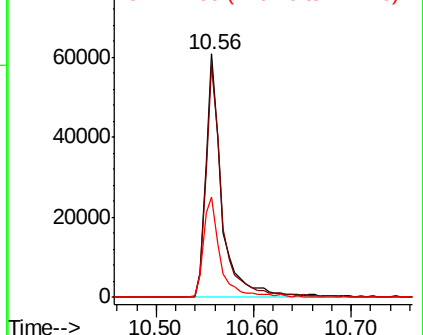
330 100

332 97.4 78.5 117.7

141 43.5 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: 88.139 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

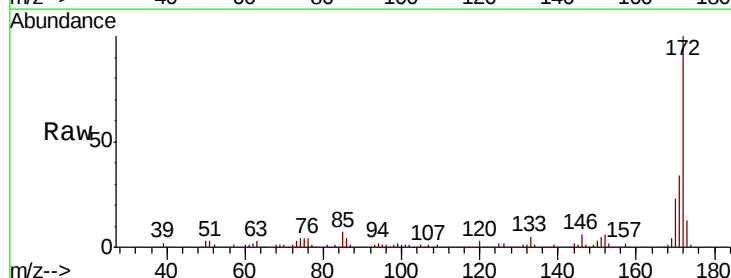
Tgt Ion:172 Resp: 428565

Ion Ratio Lower Upper

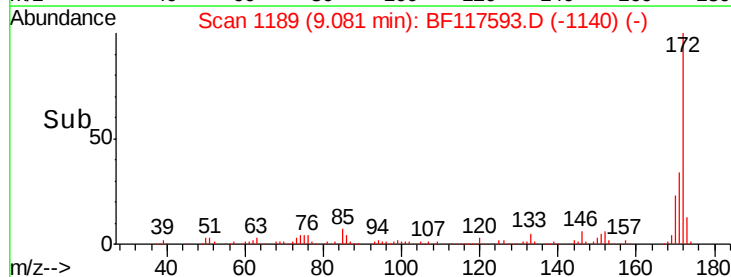
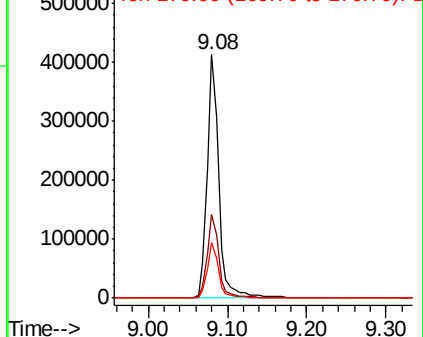
172 100

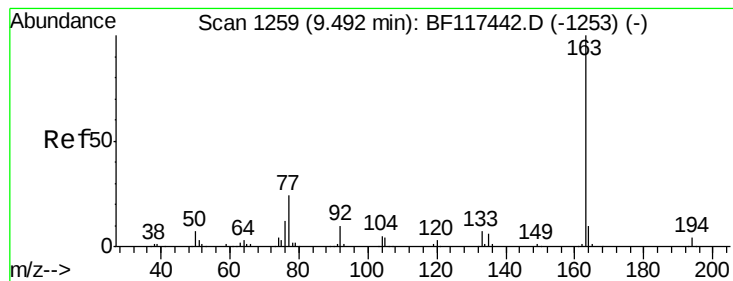
171 34.2 27.5 41.3

170 22.6 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: 2.346 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-102519

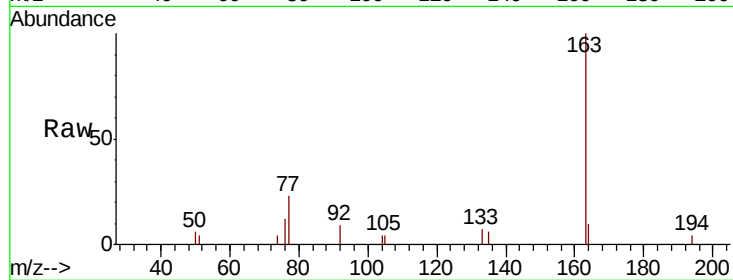
Tot Ion:163 Resp: 11457

Ion Ratio Lower Upper

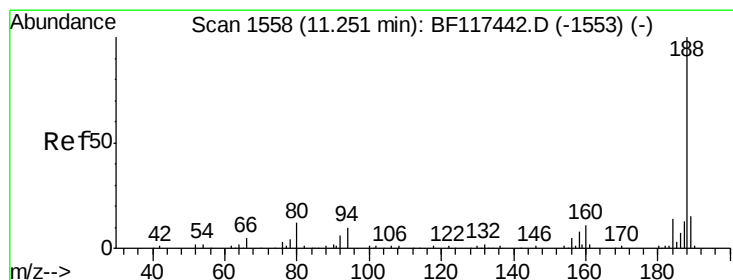
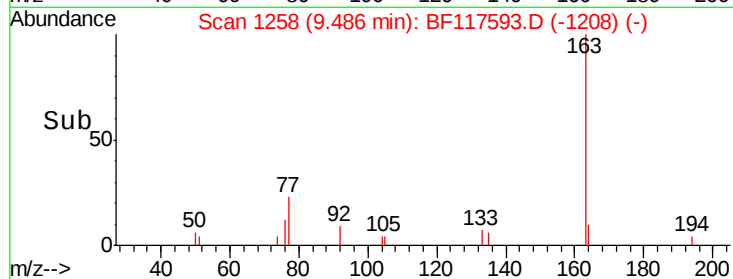
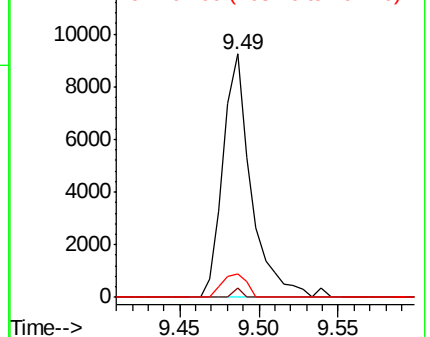
163 100

194 3.6 2.9 4.3

164 9.6 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: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

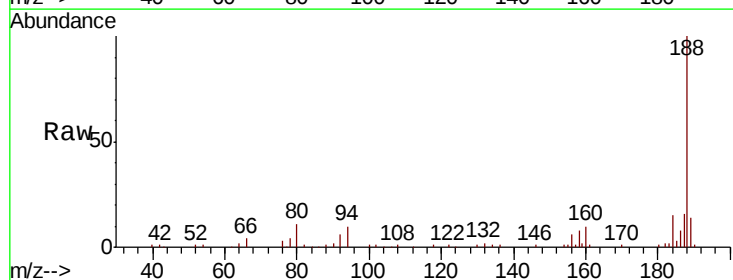
Tgt Ion:188 Resp: 97532

Ion Ratio Lower Upper

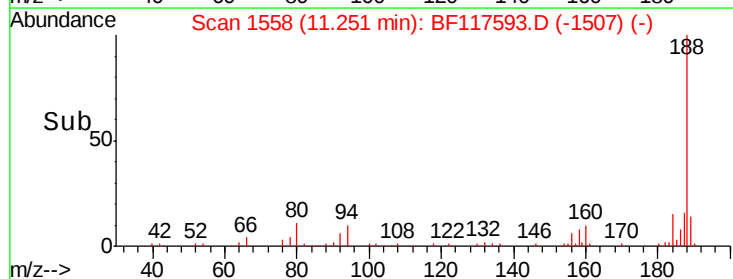
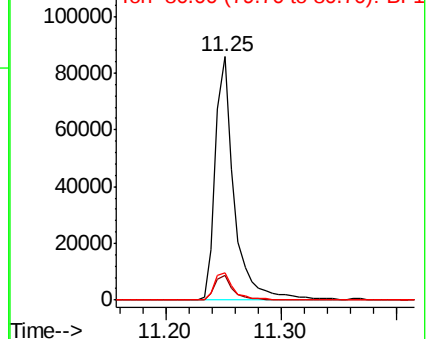
188 100

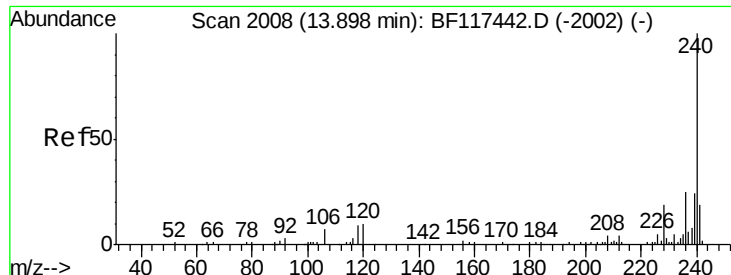
94 10.1 8.0 12.0

80 11.0 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

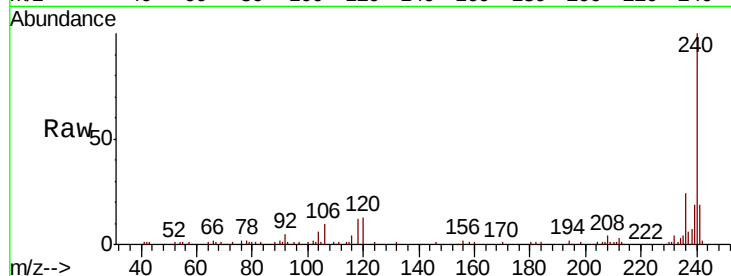




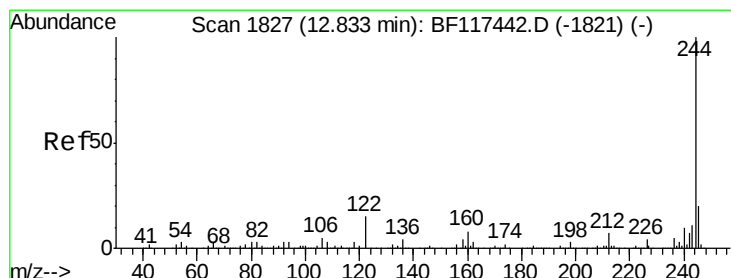
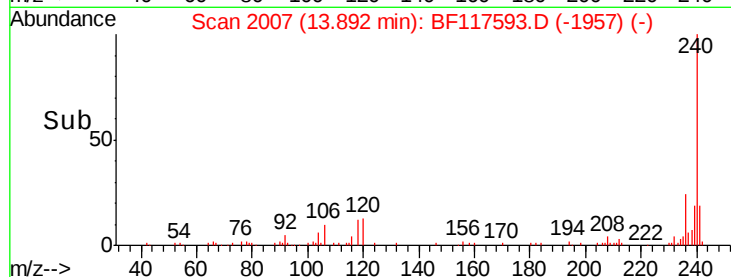
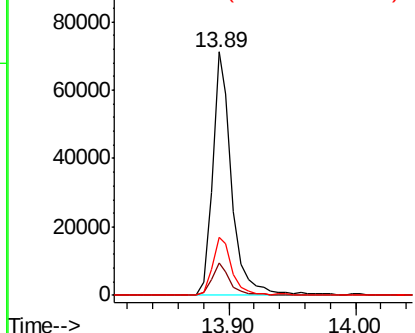
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-102519

Tot Ion:240 Resp: 75126
Ion Ratio Lower Upper
240 100
120 13.2 8.4 12.6#
236 24.1 20.0 30.0

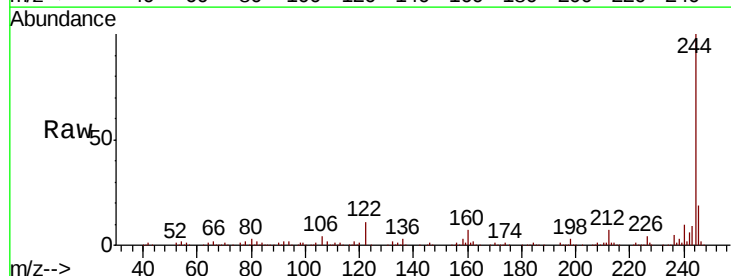


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

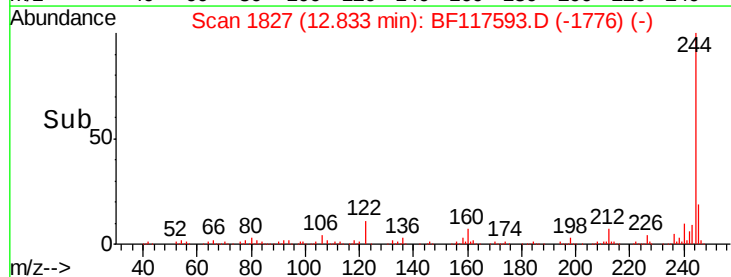
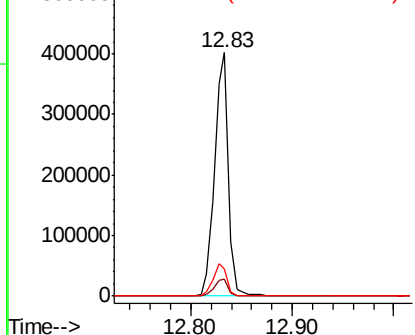


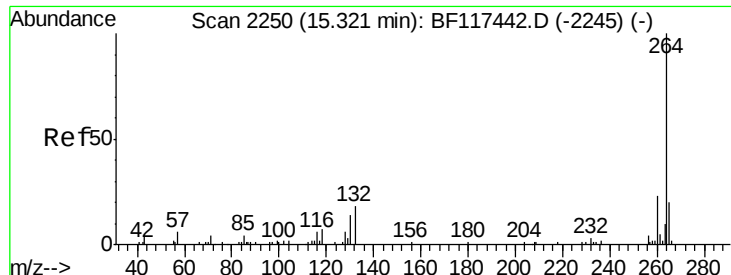
#79
Terphenyl-d14
Concen: 82.218 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

Tgt Ion:244 Resp: 378681
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 11.4 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: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-102519

Tot Ion:264 Resp: 62802
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.6 16.1 24.1

