

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123396.D
 Acq On : 18 Mar 2021 22:02
 Operator : JU/CG
 Sample : M1709-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSHQ-SOIL

Quant Time: Mar 19 00:20:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

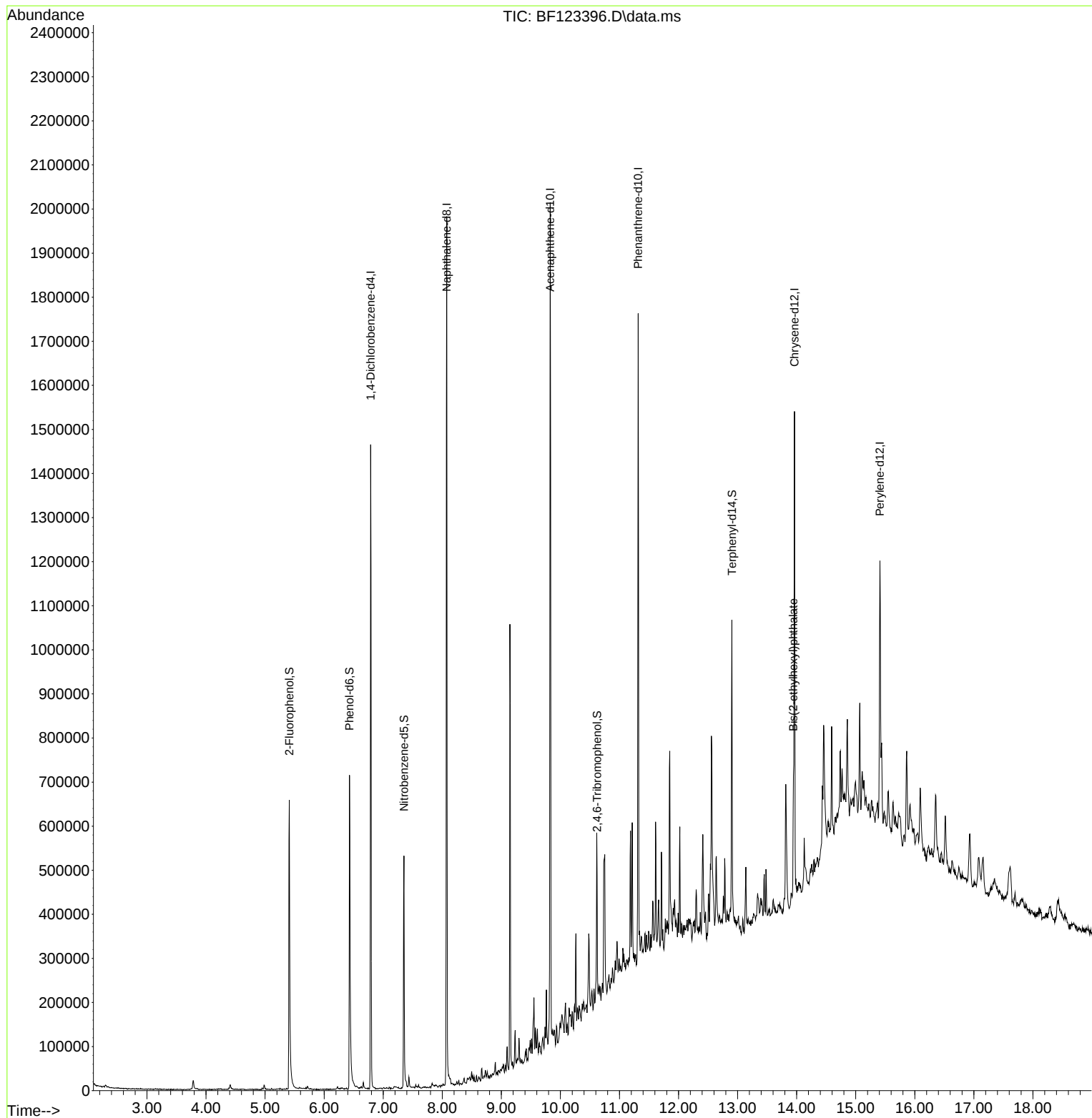
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	222106	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	865372	20.00	ng	0.00
39) Acenaphthene-d10	9.828	164	383166	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	502387	20.00	ng	# 0.00
76) Chrysene-d12	13.963	240	348092	20.00	ng	#-0.01
86) Perylene-d12	15.410	264	260764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	245294	15.68	ng	0.00
7) Phenol-d6	6.428	99	299816	14.76	ng	-0.02
23) Nitrobenzene-d5	7.351	82	167689	11.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	36843	13.76	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	12.904	244	199979	11.19	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.945	149	66055	3.64	ng	Qvalue 97

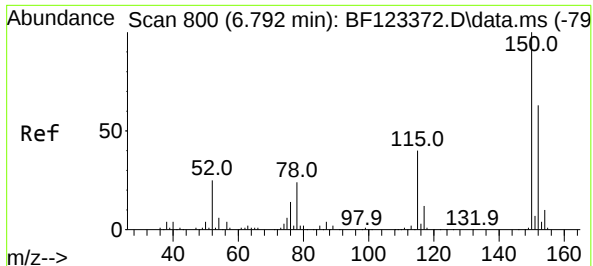
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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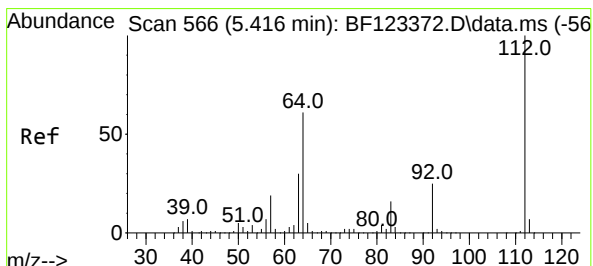
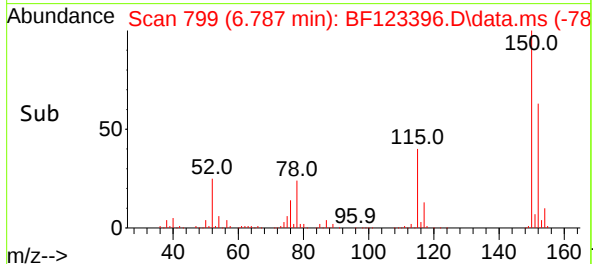
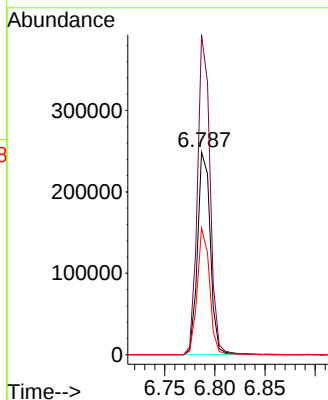
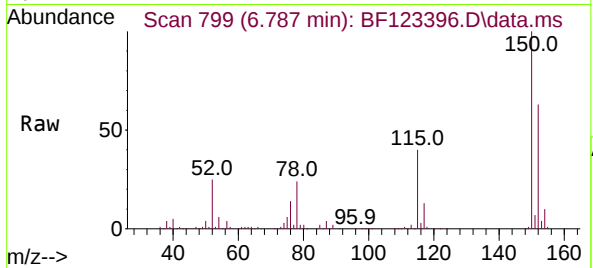




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

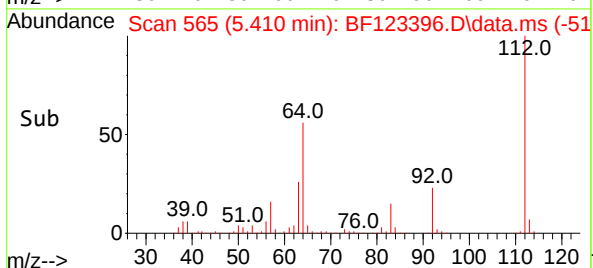
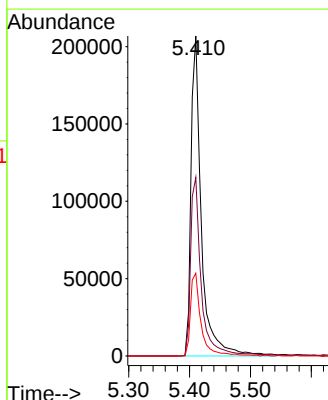
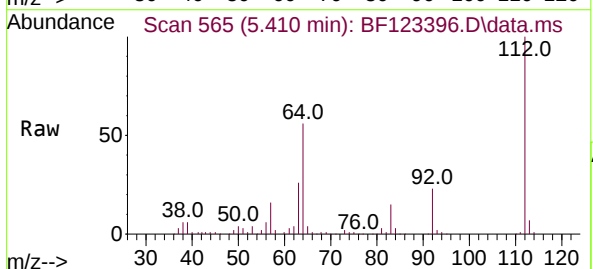
Instrument :
BNA_F
ClientSampleId :
PSHQ-SOIL

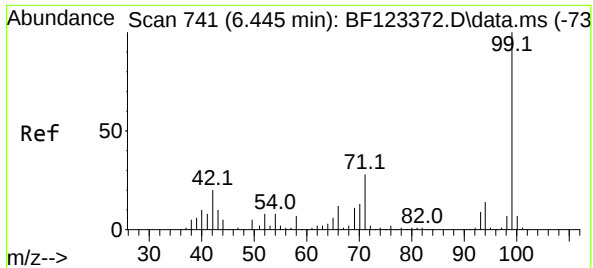
Tgt Ion:152 Resp: 222106
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 62.6 49.3 73.9



#5
2-Fluorophenol
Concen: 15.68 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

Tgt Ion:112 Resp: 245294
Ion Ratio Lower Upper
112 100
64 55.8 46.9 70.3
63 25.9 24.5 36.7

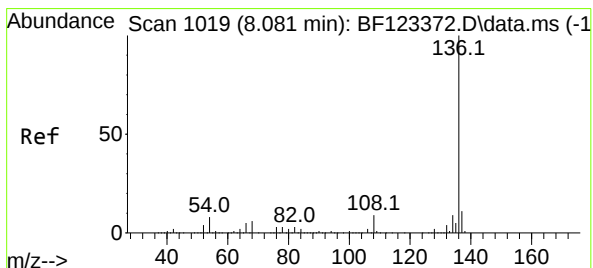
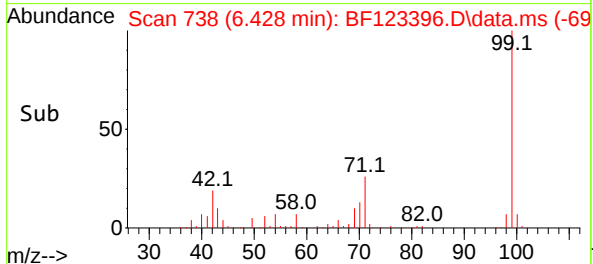
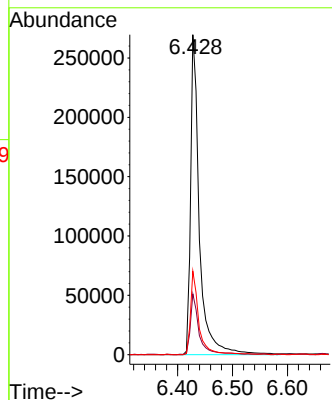
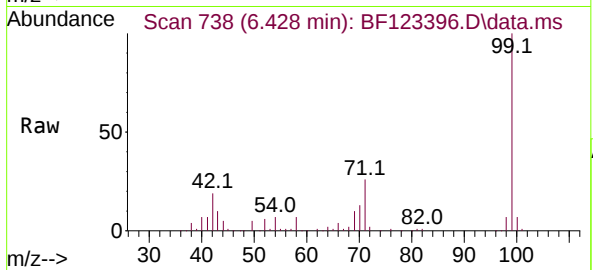




#7
Phenol-d6
Concen: 14.76 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

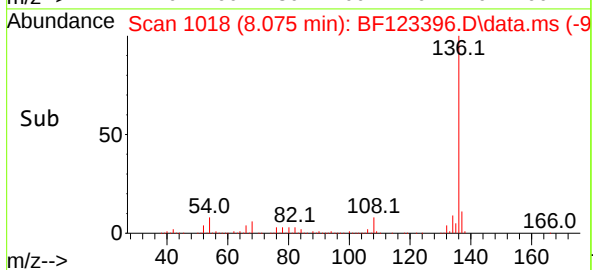
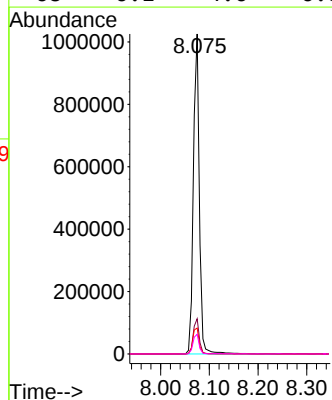
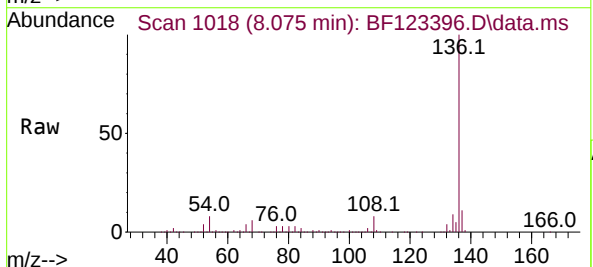
Instrument :
BNA_F
ClientSampleId :
PSHQ-SOIL

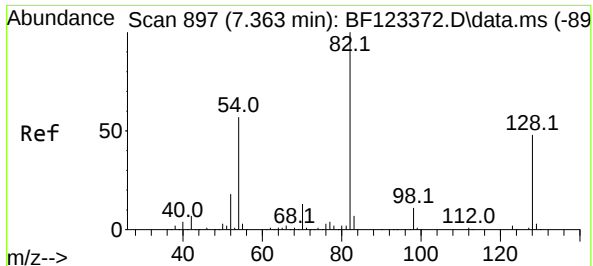
Tgt Ion: 99 Resp: 299816
Ion Ratio Lower Upper
99 100
42 19.0 13.8 20.6
71 26.1 26.9 40.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

Tgt Ion: 136 Resp: 865372
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 5.5 8.3
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 11.38 ng

RT: 7.351 min Scan# 895

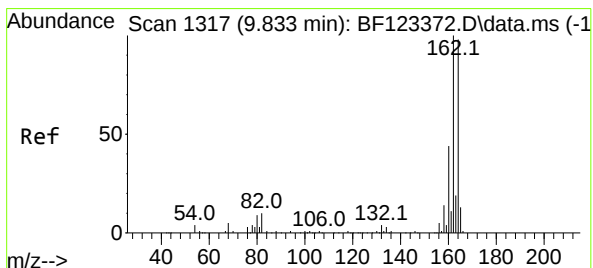
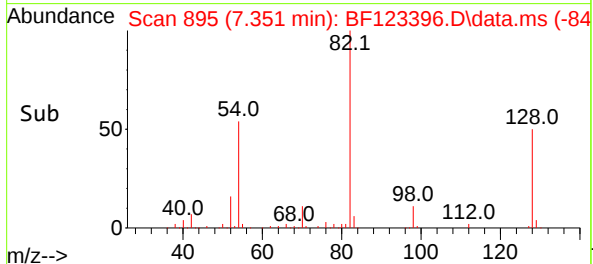
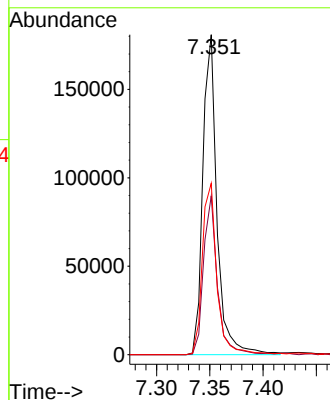
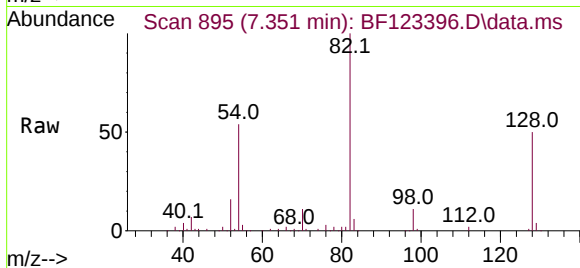
Delta R.T. -0.012 min

Lab File: BF123396.D

Acq: 18 Mar 2021 22:02

Tgt Ion: 82 Resp: 167689

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.0	55.4
54	53.6	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.828 min Scan# 1316

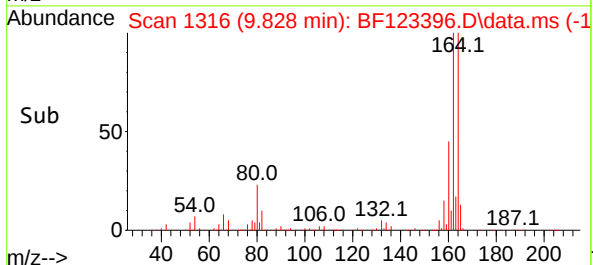
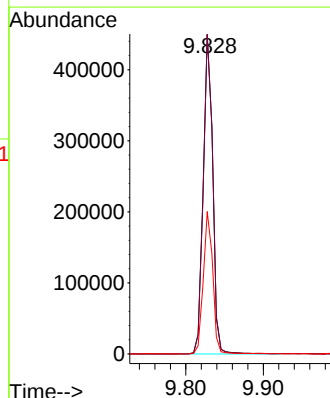
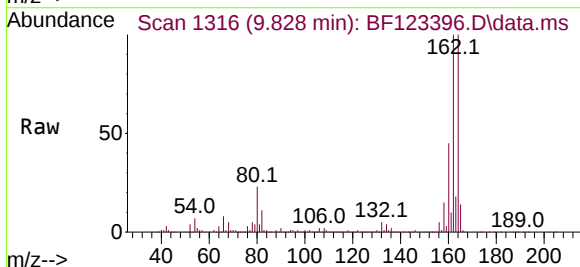
Delta R.T. -0.006 min

Lab File: BF123396.D

Acq: 18 Mar 2021 22:02

Tgt Ion: 164 Resp: 383166

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.8	121.2
160	44.7	35.4	53.0

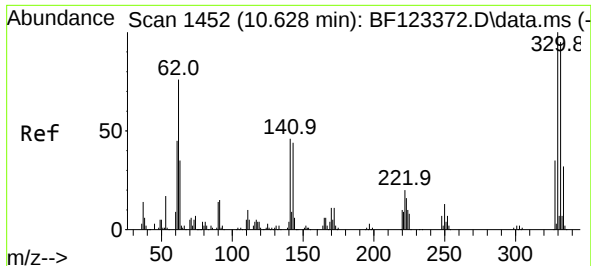


Instrument :

BNA_F

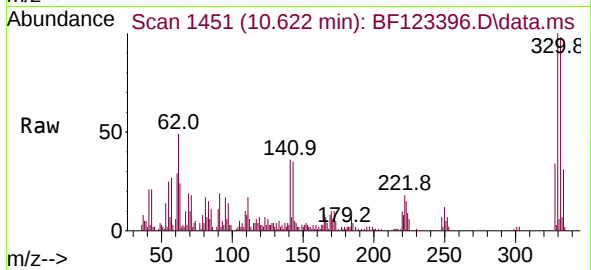
ClientSampleId :

PSHQ-SOIL

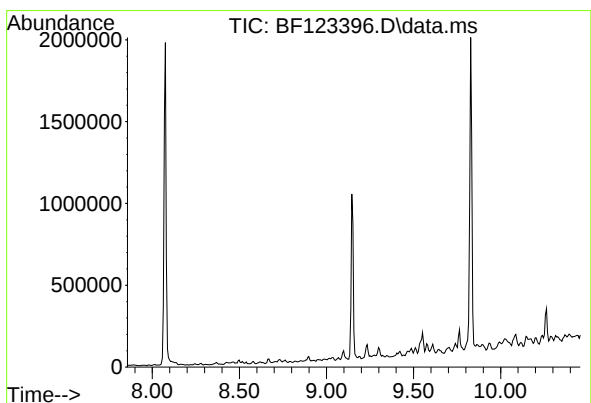
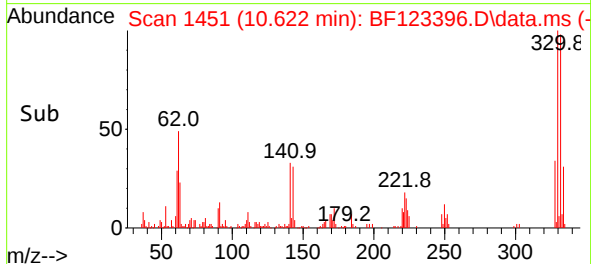
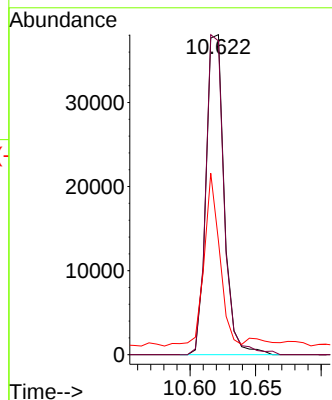


#42
2,4,6-Tribromophenol
Concen: 13.76 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

Instrument :
BNA_F
ClientSampled :
PSHQ-SOIL



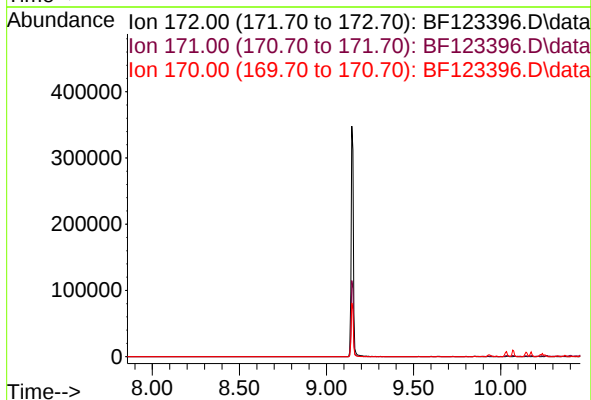
Tgt Ion: 330 Resp: 36843
Ion Ratio Lower Upper
330 100
332 100.3 77.5 116.3
141 46.3 23.8 35.8#

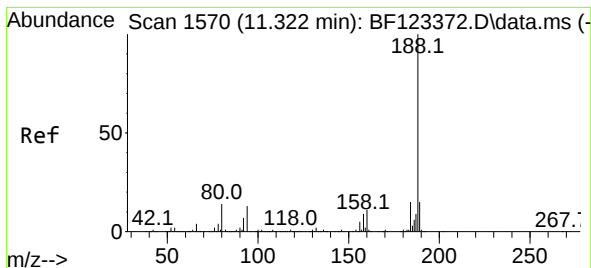


#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.16 min

Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

Tgt Ion: 172
Sig Exp Ratio
172 100
171 37.0
170 24.4

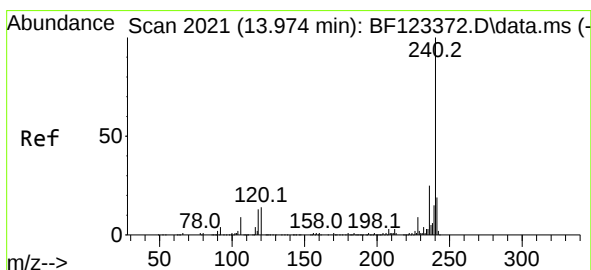
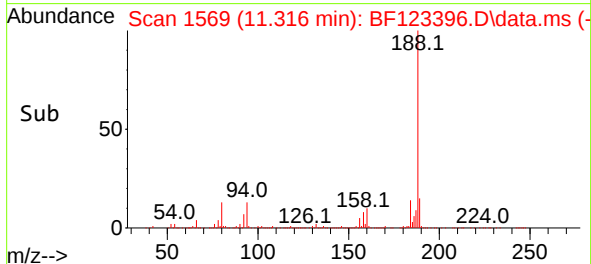
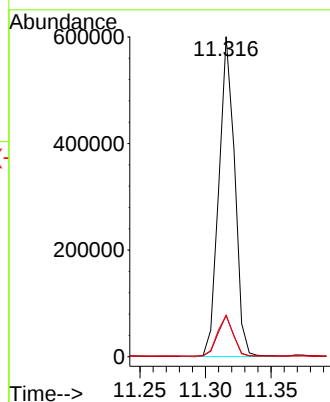
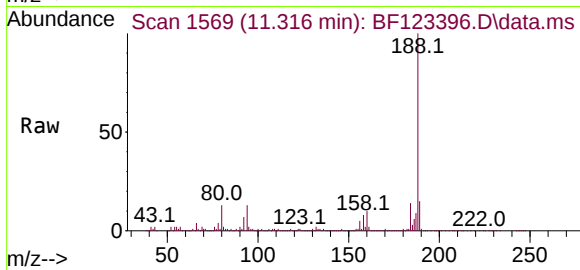




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

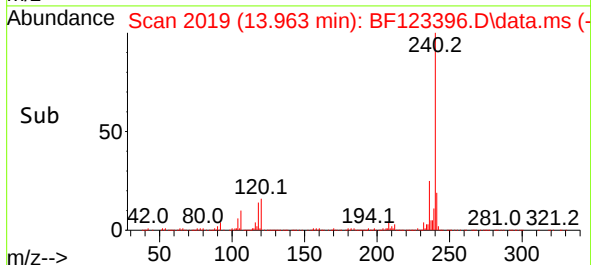
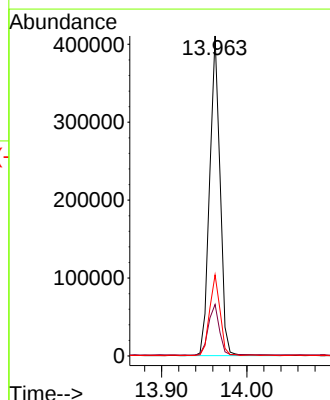
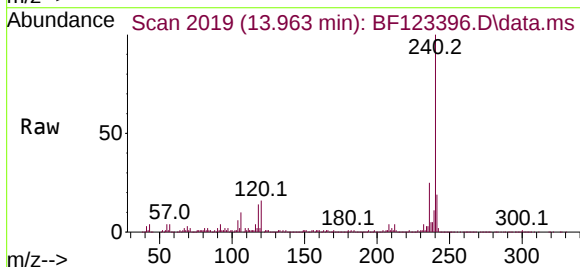
Instrument :
BNA_F
ClientSampleId :
PSHQ-SOIL

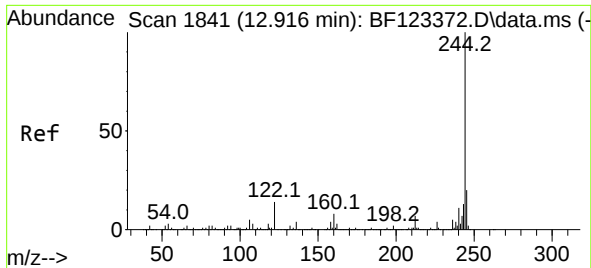
Tgt Ion:188 Resp: 502387
Ion Ratio Lower Upper
188 100
94 12.8 7.4 11.2#
80 13.0 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

Tgt Ion:240 Resp: 348092
Ion Ratio Lower Upper
240 100
120 16.1 8.6 12.8#
236 25.4 20.3 30.5

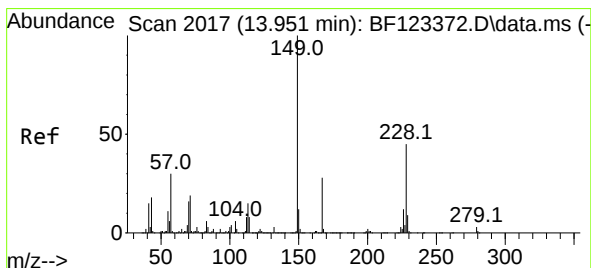
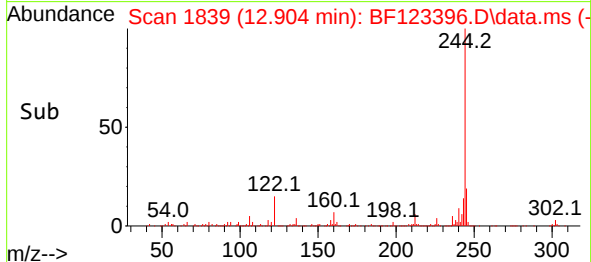
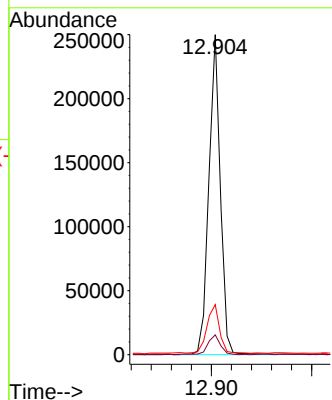
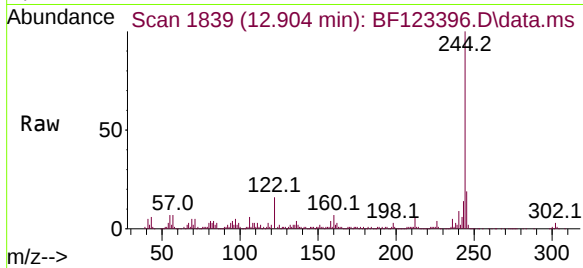




#79
 Terphenyl-d14
 Concen: 11.19 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF123396.D
 Acq: 18 Mar 2021 22:02

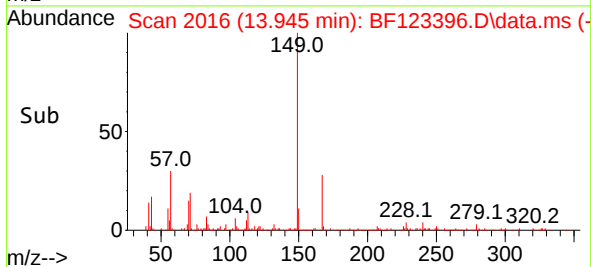
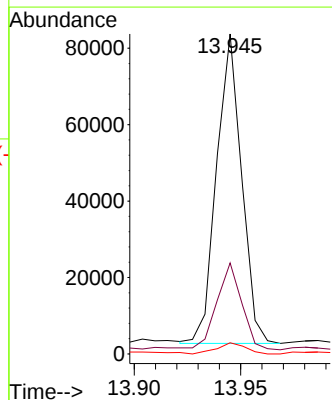
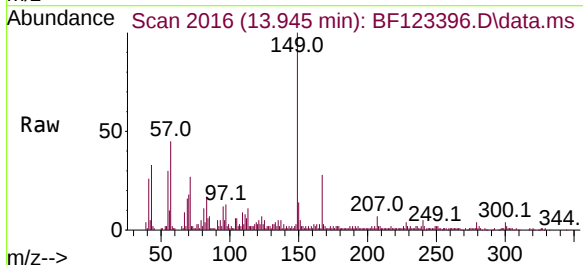
Instrument :
 BNA_F
 ClientSampleId :
 PSHQ-SOIL

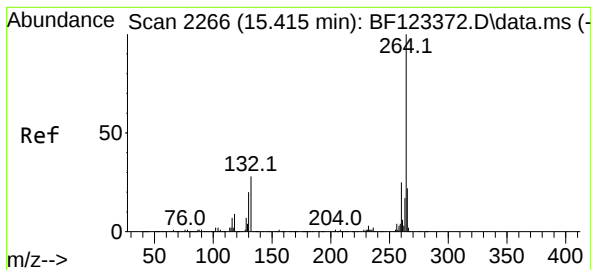
Tgt Ion:244 Resp: 199979
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.7 8.5
 122 15.6 8.3 12.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.64 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF123396.D
 Acq: 18 Mar 2021 22:02

Tgt Ion:149 Resp: 66055
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.2
 279 3.5 3.4 5.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF123396.D
Acq: 18 Mar 2021 22:02

Instrument :
BNA_F
ClientSampleId :
PSHQ-SOIL

Tgt Ion:264 Resp: 260764

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.5	17.0	25.6

