

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136209.D
 Acq On : 25 Nov 2023 07:42
 Operator : CG\JU
 Sample : 05451-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01

Quant Time: Nov 27 02:43:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

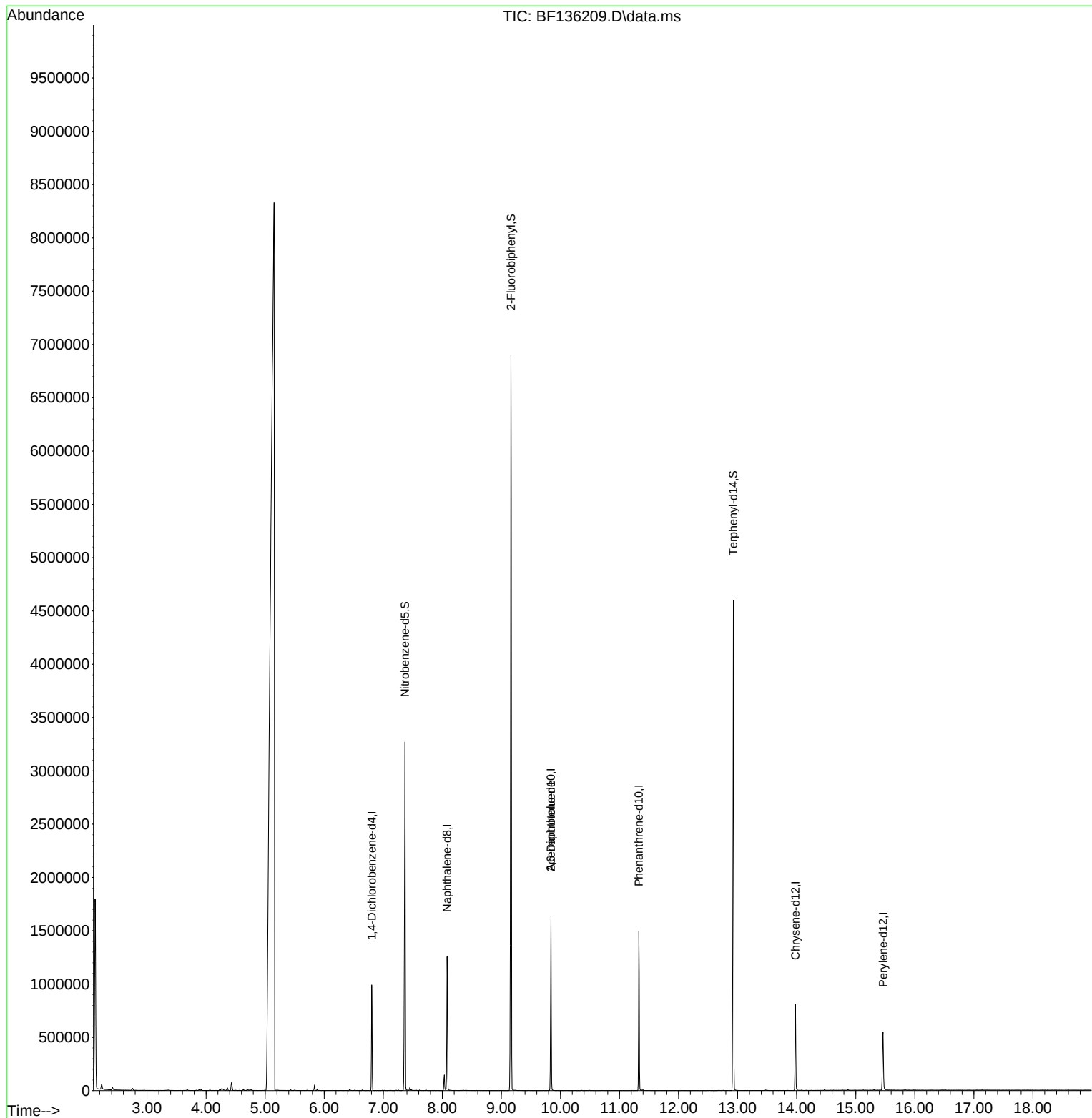
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	128783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	556826	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	285100	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	518683	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	260894	20.000	ng	0.00
86) Perylene-d12	15.462	264	267877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	288	0.036	ng	0.02
7) Phenol-d6	6.428	99	4609	0.463	ng	-0.02
23) Nitrobenzene-d5	7.369	82	1088999	109.136	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	2265835	117.480	ng	0.00
79) Terphenyl-d14	12.927	244	1634730	88.943	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.839	165	32566	7.791	ng	Qvalue # 23

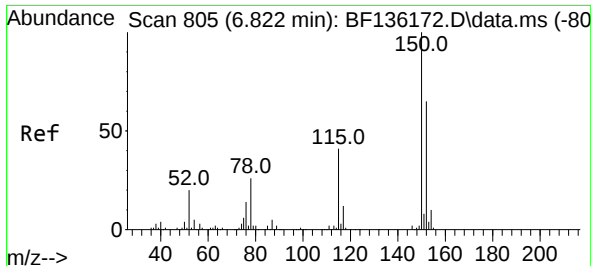
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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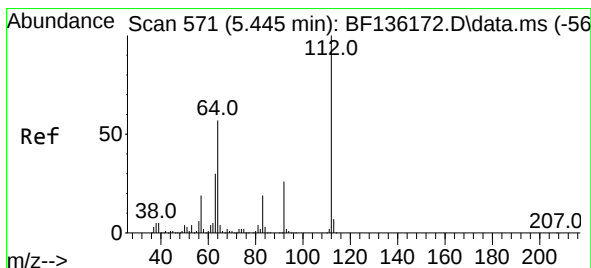
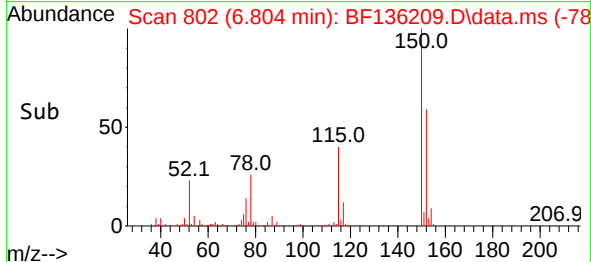
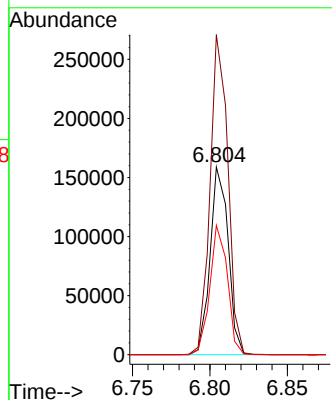
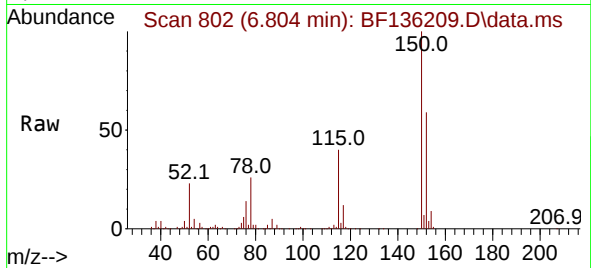




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

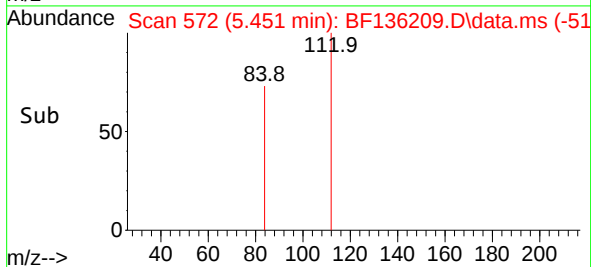
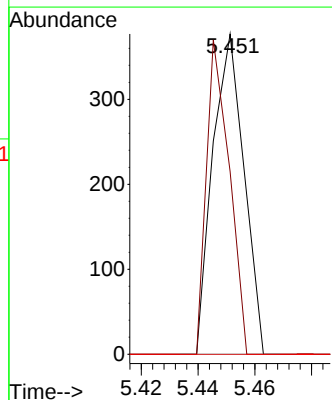
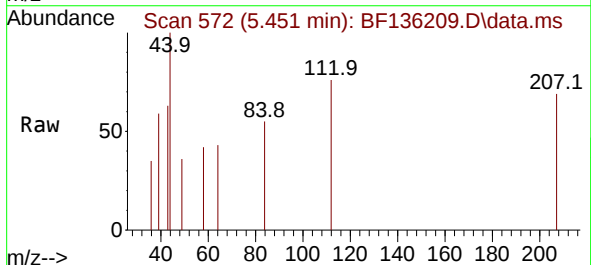
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-01

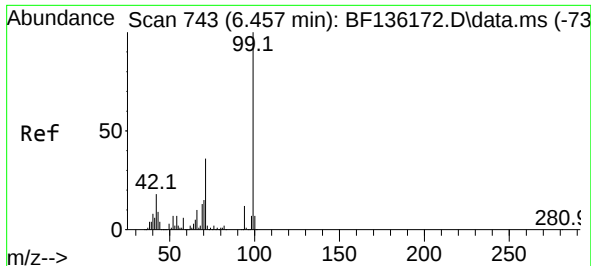
Tgt Ion:152 Resp: 128783
Ion Ratio Lower Upper
152 100
150 170.5 123.1 184.7
115 68.9 50.5 75.7



#5
2-Fluorophenol
Concen: 0.036 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

Tgt Ion:112 Resp: 288
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.0
63 0.0 24.4 36.6





#7

Phenol-d6

Concen: 0.463 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF136209.D

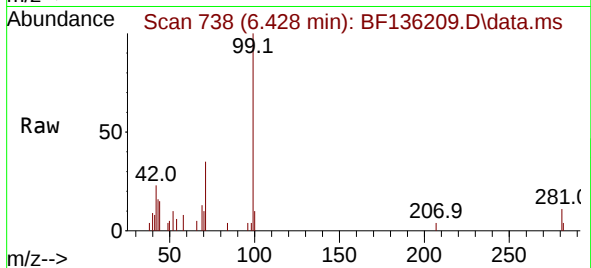
Acq: 25 Nov 2023 07:42

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-01



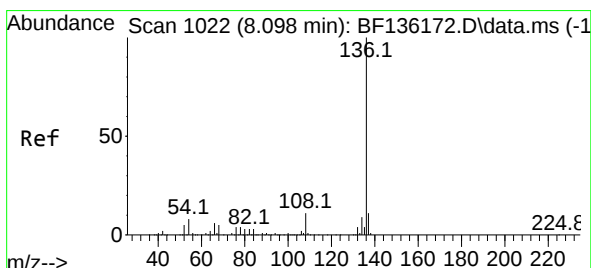
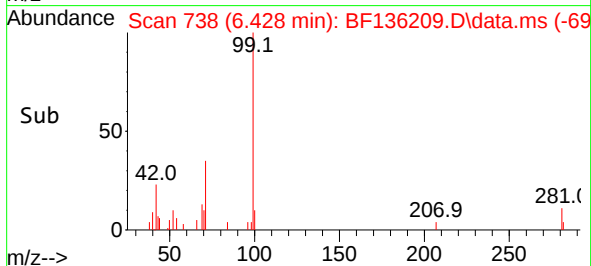
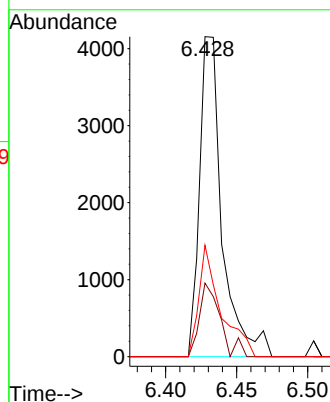
Tgt Ion: 99 Resp: 4609

Ion Ratio Lower Upper

99 100

42 23.0 14.1 21.1#

71 34.8 29.0 43.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

Tgt Ion: 136 Resp: 556826

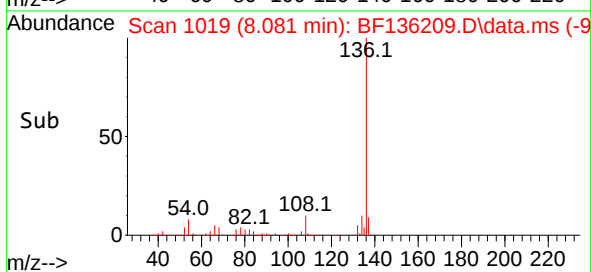
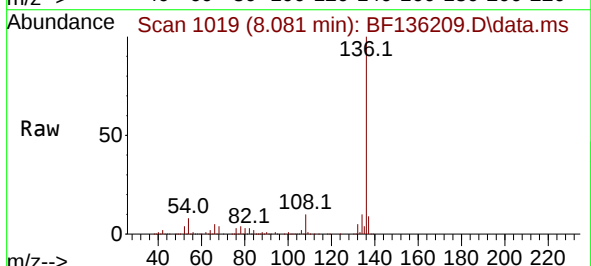
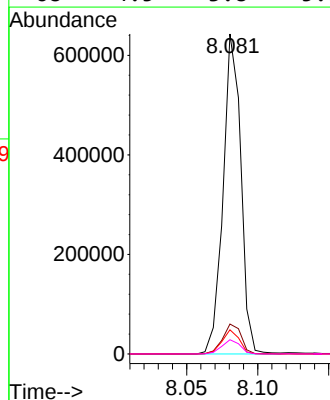
Ion Ratio Lower Upper

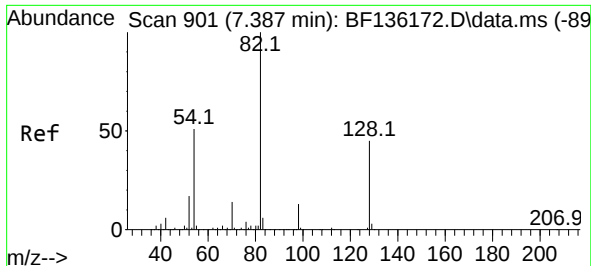
136 100

137 9.4 8.6 13.0

54 7.6 6.3 9.5

68 4.5 3.8 5.8





#23

Nitrobenzene-d5

Concen: 109.136 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

Instrument :

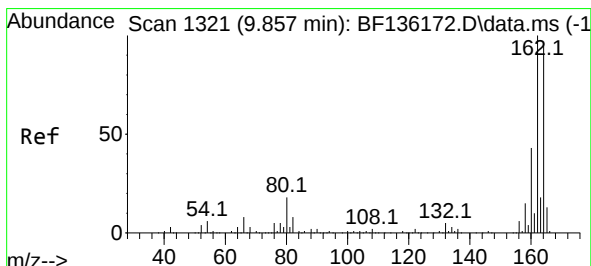
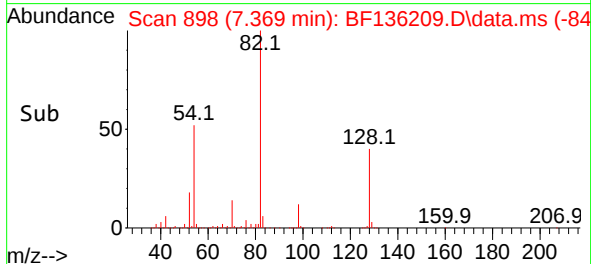
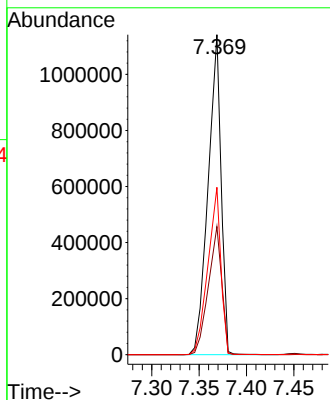
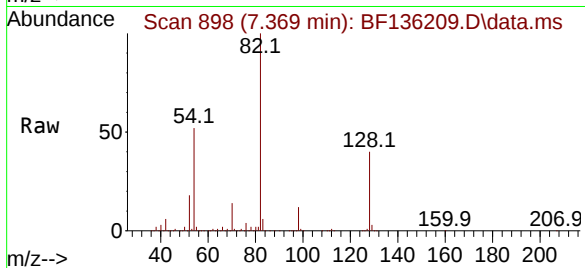
BNA_F

ClientSampleId :

WC-SOIL-01

Tgt Ion: 82 Resp: 1088999

Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.8	53.6
54	52.3	40.6	60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

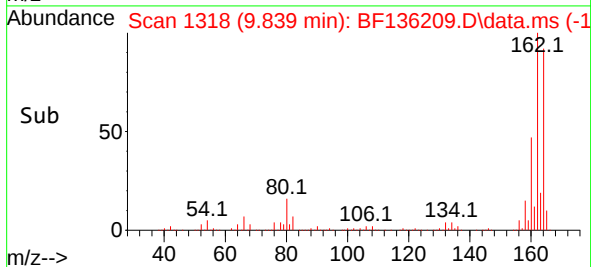
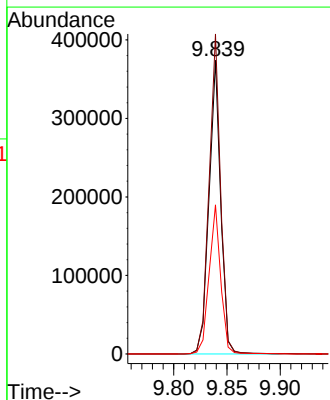
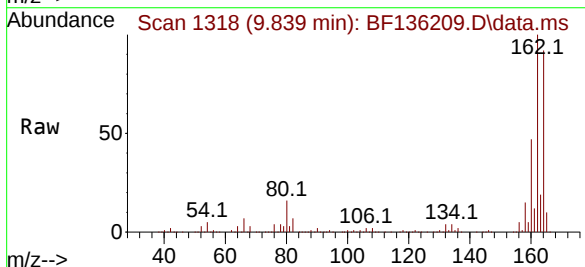
Delta R.T. -0.006 min

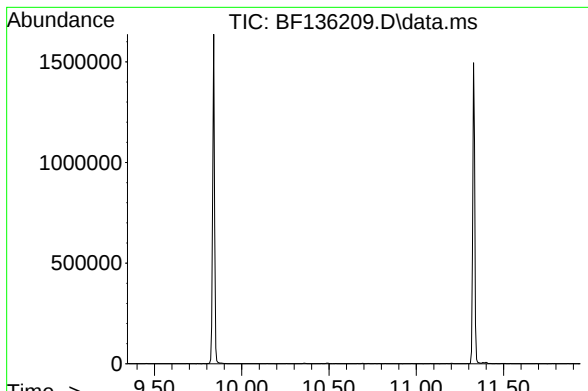
Lab File: BF136209.D

Acq: 25 Nov 2023 07:42

Tgt Ion: 164 Resp: 285100

Ion	Ratio	Lower	Upper
164	100		
162	109.1	83.2	124.8
160	50.8	35.8	53.8



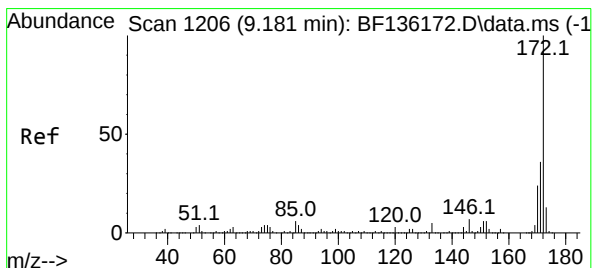
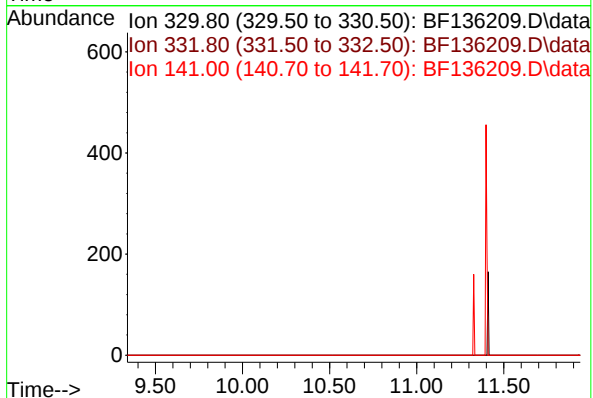


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.64 min
 Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01

Tgt Ion: 330

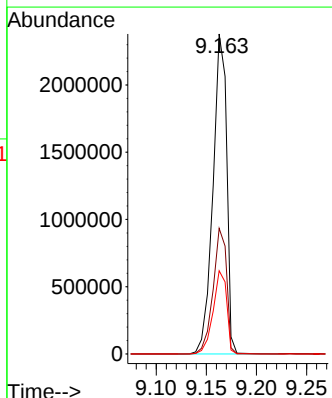
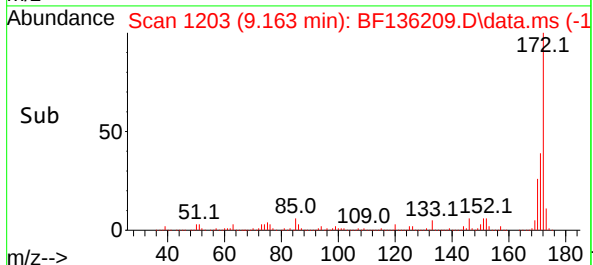
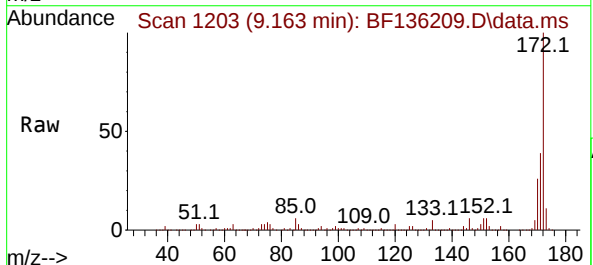
Sig	Exp Ratio
330	100
332	97.0
141	32.2

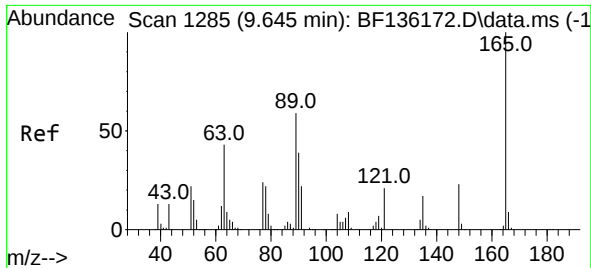


#45
 2-Fluorobiphenyl
 Concen: 117.480 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.006 min
 Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

Tgt Ion: 172 Resp: 2265835

Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.9	43.3
170	26.0	19.1	28.7

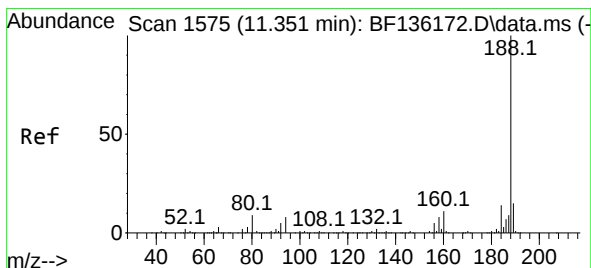
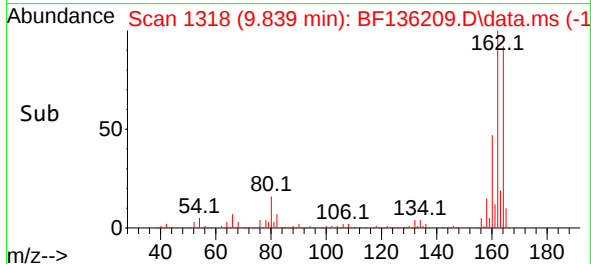
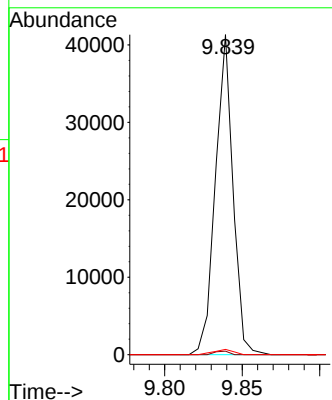
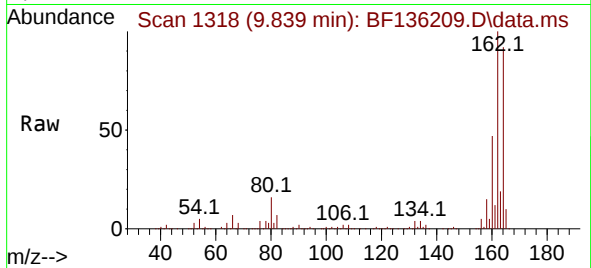




#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

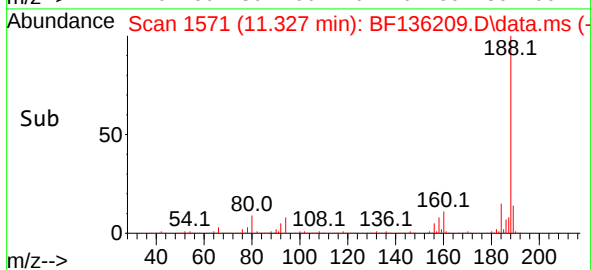
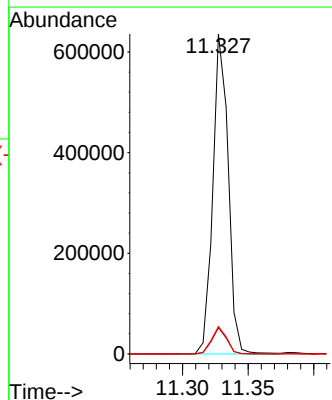
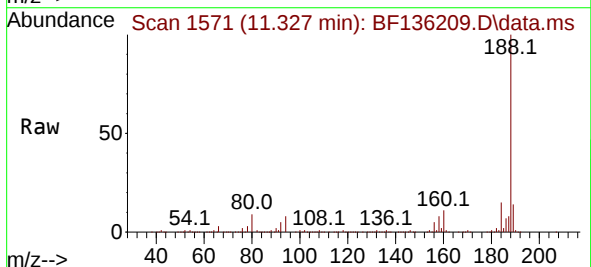
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-01

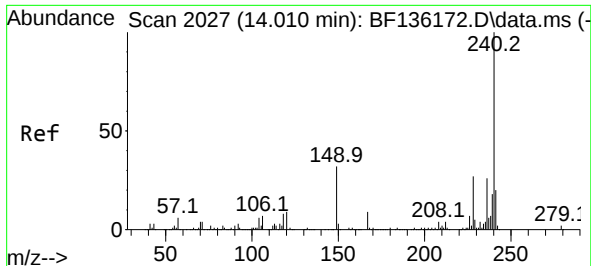
Tgt Ion:165 Resp: 32566
Ion Ratio Lower Upper
165 100
63 1.1 48.0 72.0#
89 1.6 47.2 70.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

Tgt Ion:188 Resp: 518683
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 8.6 7.3 10.9

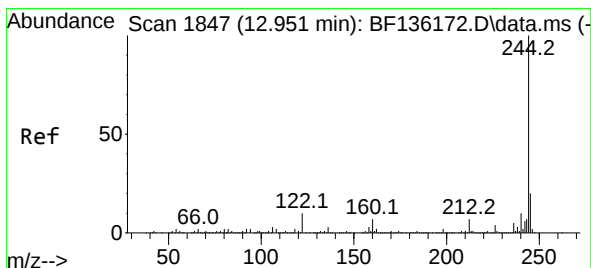
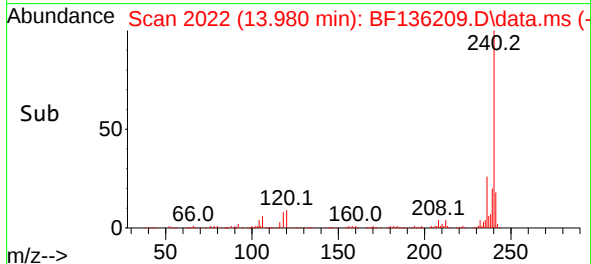
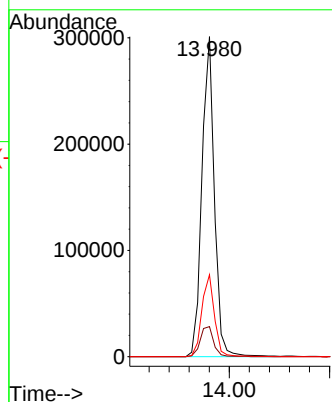
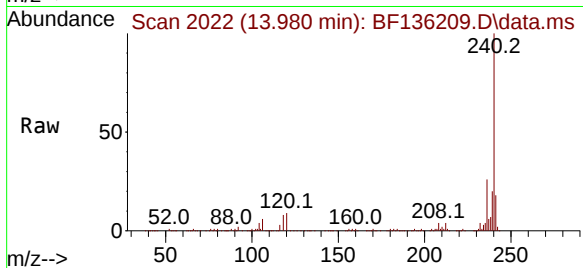




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

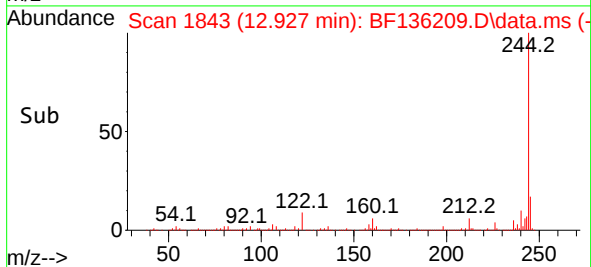
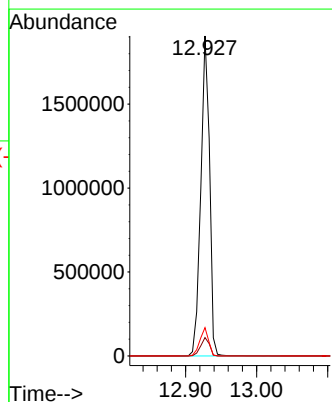
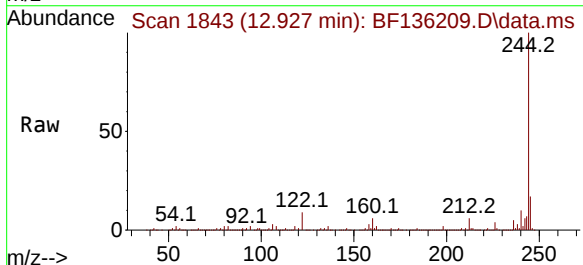
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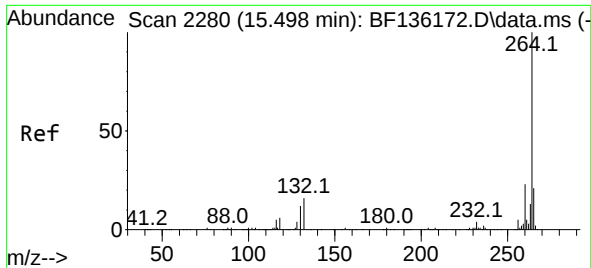
Tgt Ion:240 Resp: 260894
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 88.943 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136209.D
Acq: 25 Nov 2023 07:42

Tgt Ion:244 Resp: 1634730
Ion Ratio Lower Upper
244 100
212 5.8 5.4 8.0
122 8.9 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136209.D
 Acq: 25 Nov 2023 07:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01

Tgt Ion:264 Resp: 267877
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 19.4 16.9 25.3

