

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126620.D
 Acq On : 20 Jan 2022 19:26
 Operator : CG/JU
 Sample : N1189-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-9

Quant Time: Jan 21 04:15:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111694	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	431961	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	237957	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	415112	20.000	ng	0.00
76) Chrysene-d12	14.145	240	255267	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	214272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	757697	89.267	ng	0.00
7) Phenol-d6	6.575	99	1056553	89.591	ng	0.00
23) Nitrobenzene-d5	7.522	82	766970	69.497	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	194953	87.544	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	955402	61.490	ng	0.00
79) Terphenyl-d14	13.086	244	1004895	66.028	ng	0.00

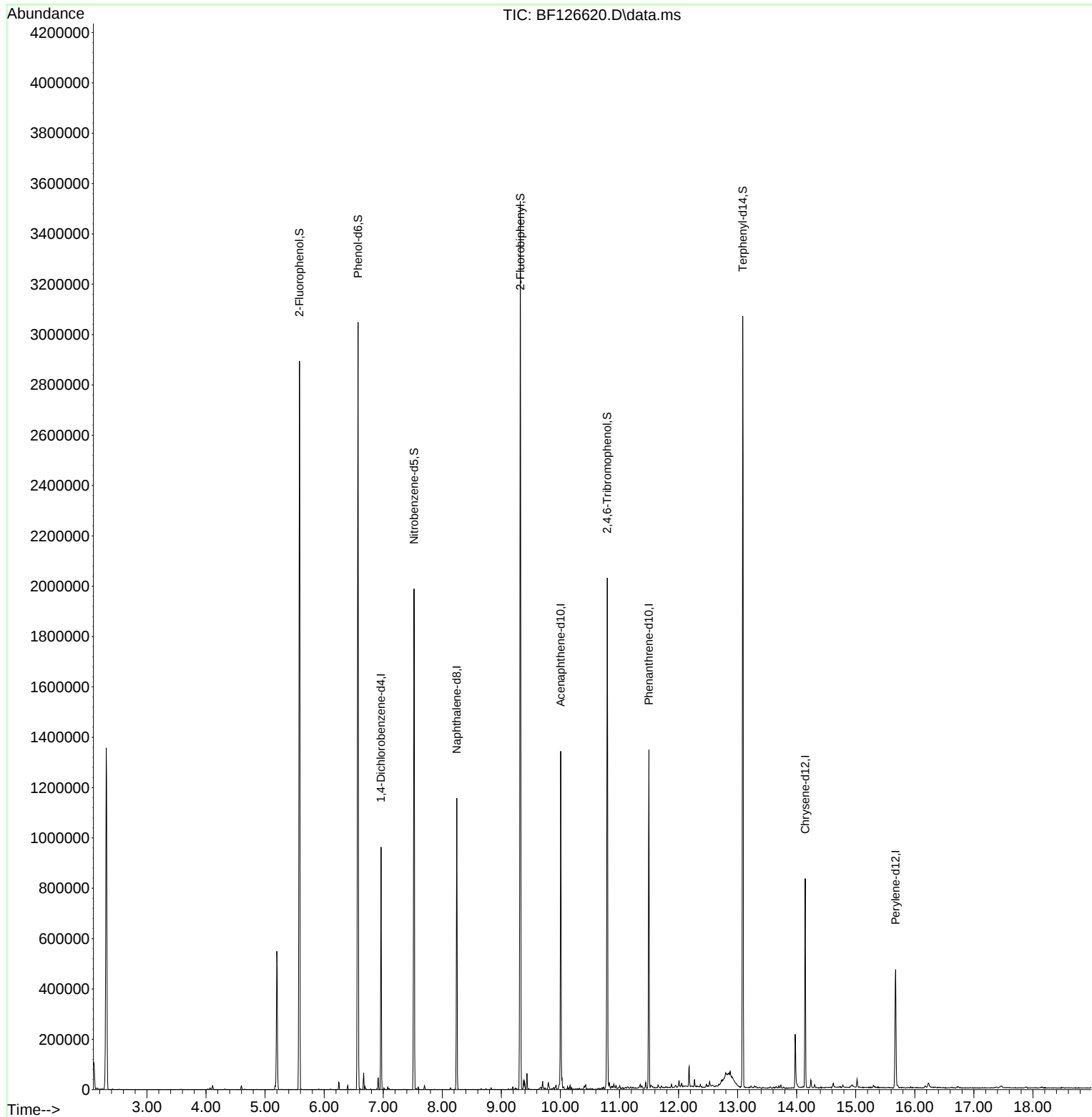
Target Compounds	Qvalue

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

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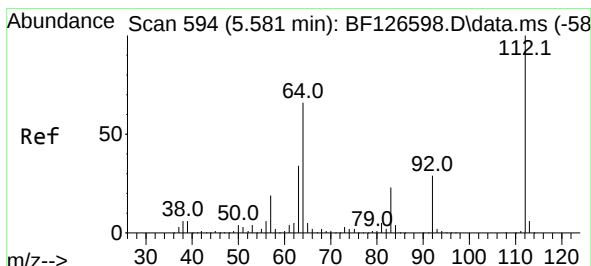
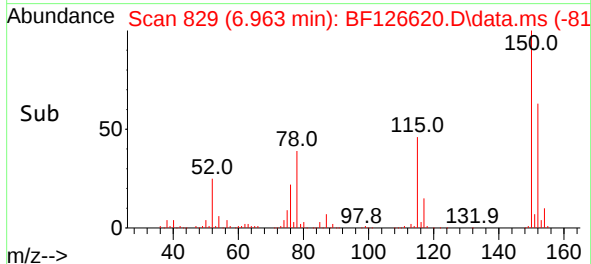
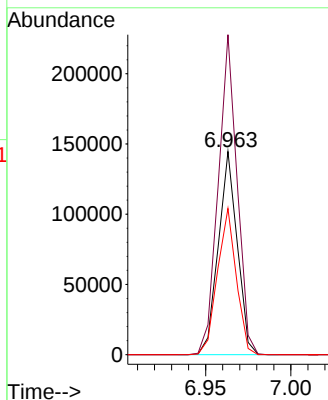
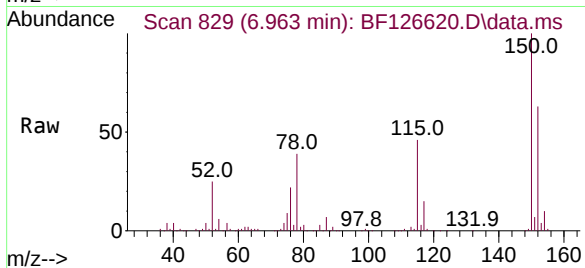




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

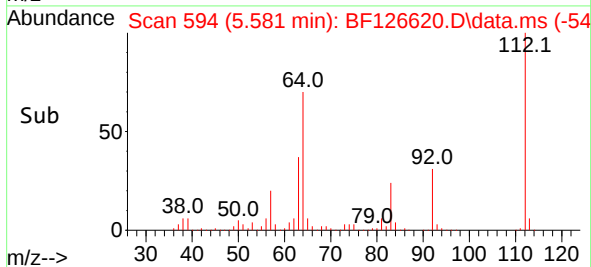
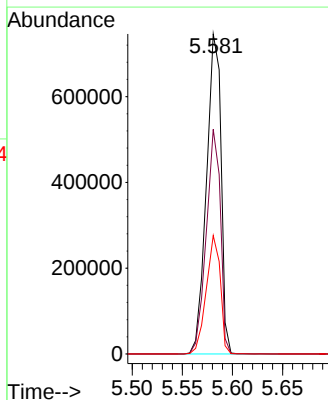
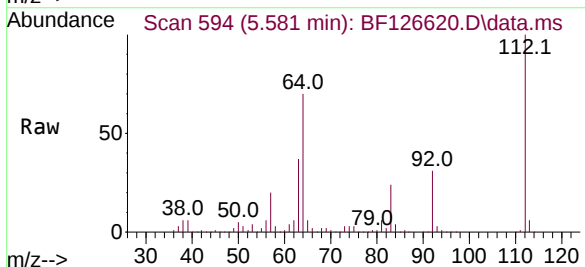
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

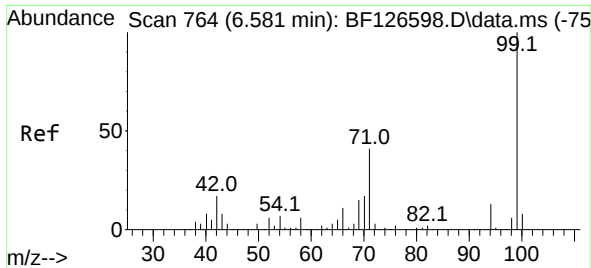
Tgt Ion:152 Resp: 111694
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 72.0 56.7 85.1



#5
2-Fluorophenol
Concen: 89.267 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.000 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion:112 Resp: 757697
Ion Ratio Lower Upper
112 100
64 70.2 49.5 74.3
63 37.0 23.9 35.9#

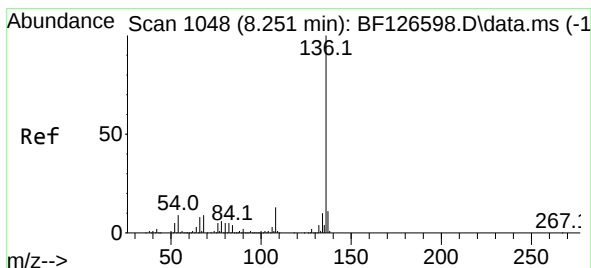
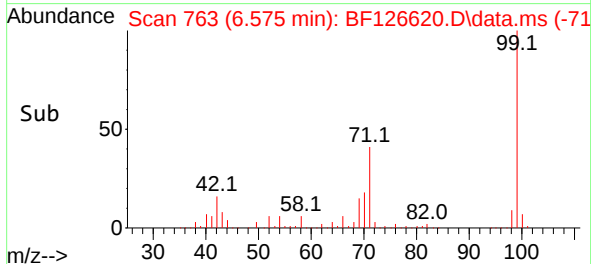
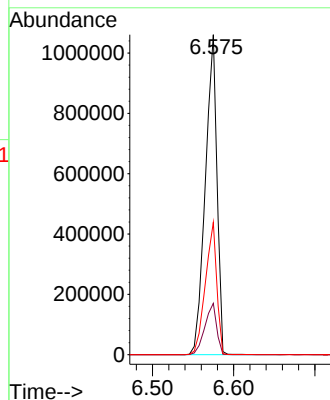
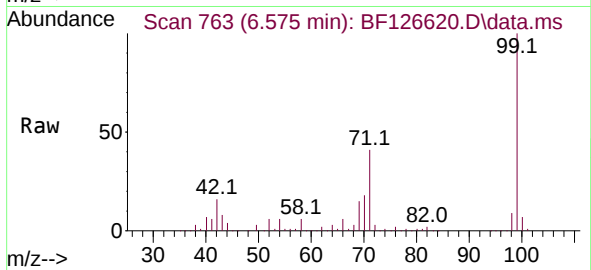




#7
Phenol-d6
Concen: 89.591 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

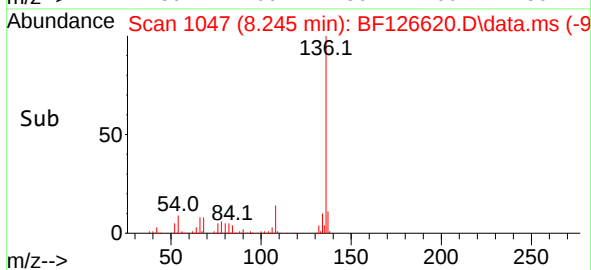
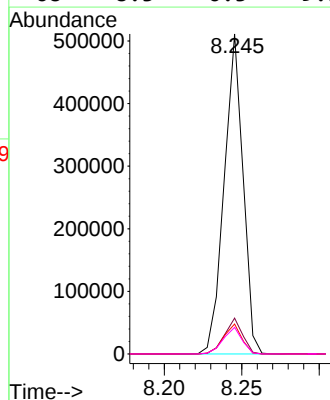
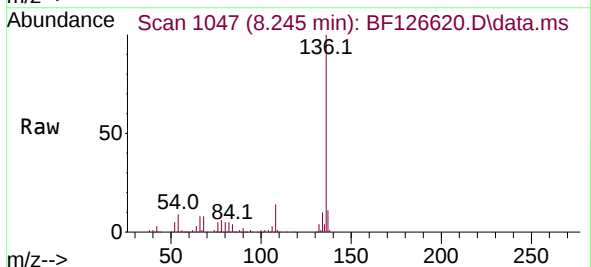
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

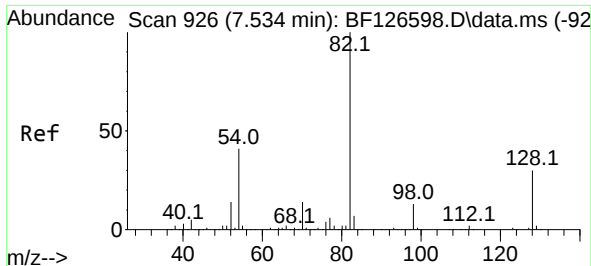
Tgt Ion: 99 Resp: 1056553
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 41.4 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion:136 Resp: 431961
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.3 7.8 11.6
68 8.3 6.3 9.5

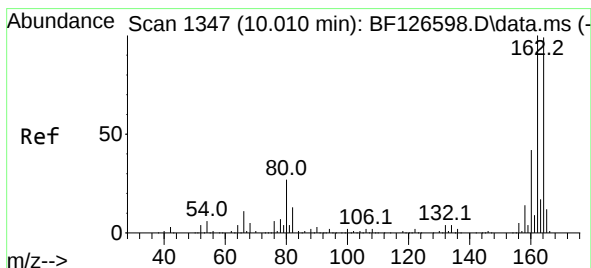
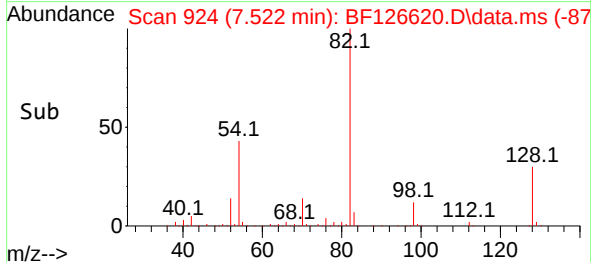
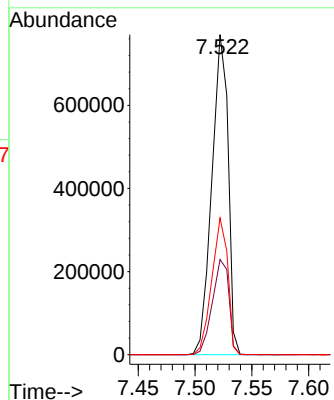
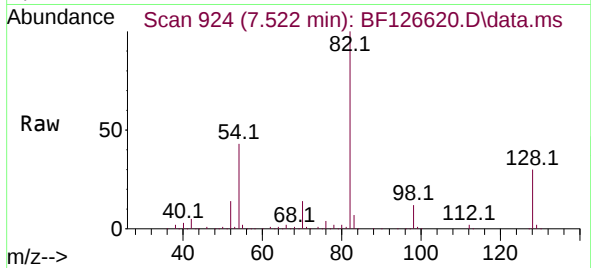




#23
Nitrobenzene-d5
Concen: 69.497 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

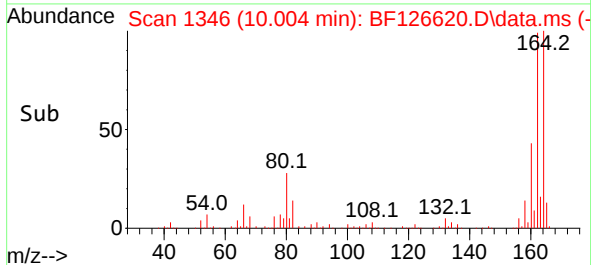
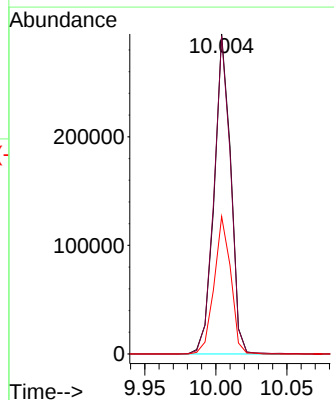
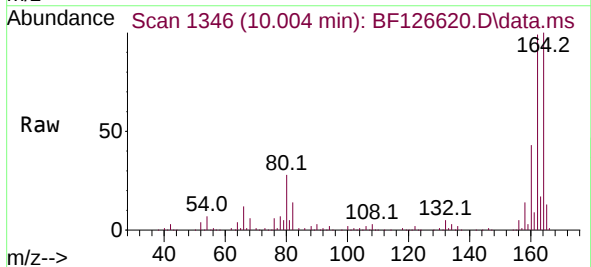
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-9

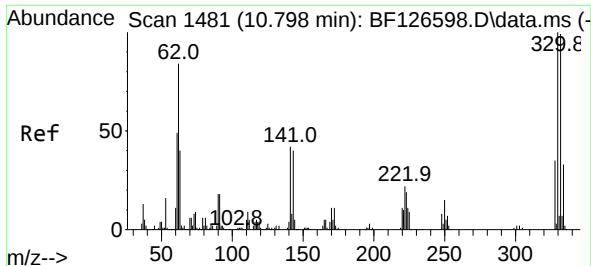
Tgt Ion: 82 Resp: 766970
Ion Ratio Lower Upper
82 100
128 29.8 32.7 49.1#
54 42.7 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

Tgt Ion: 164 Resp: 237957
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 87.544 ng

RT: 10.792 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126620.D

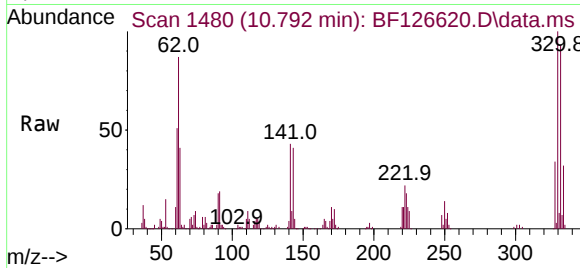
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Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-9



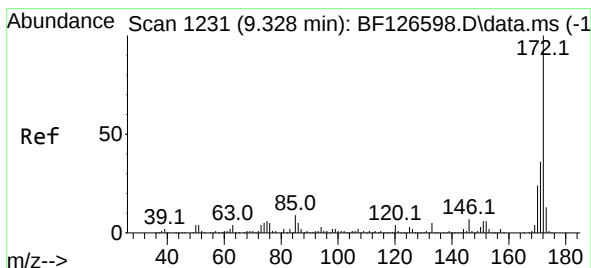
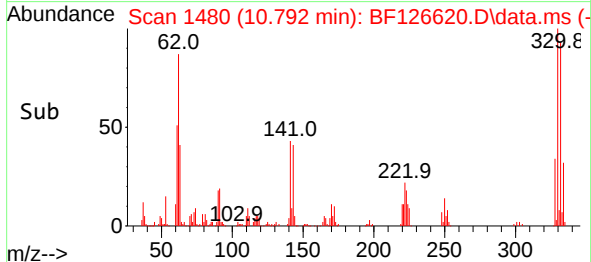
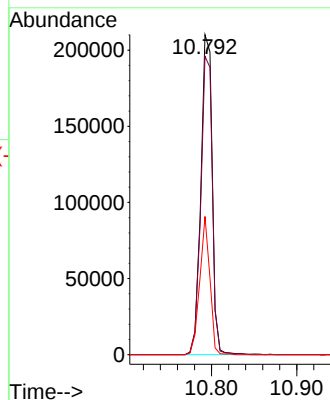
Tgt Ion:330 Resp: 194953

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

141 38.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 61.490 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126620.D

Acq: 20 Jan 2022 19:26

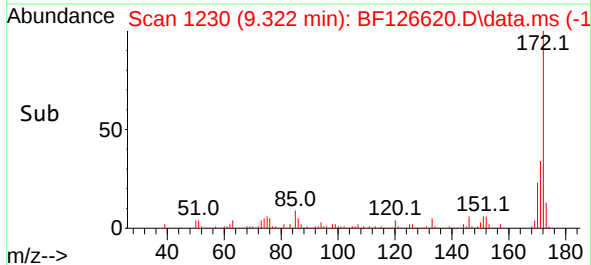
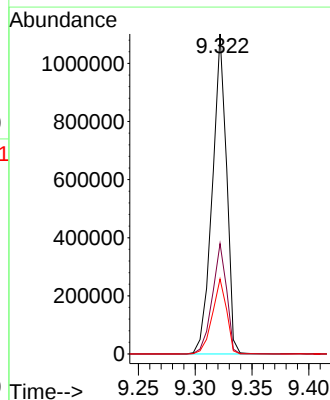
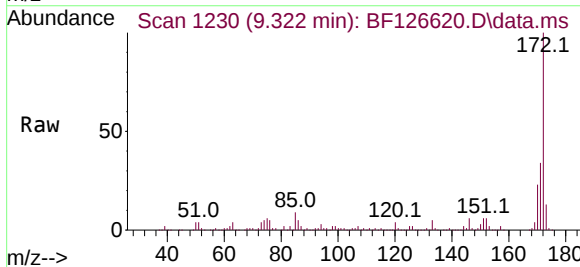
Tgt Ion:172 Resp: 955402

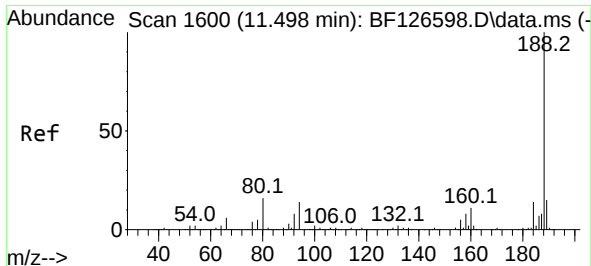
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.5 19.0 28.6

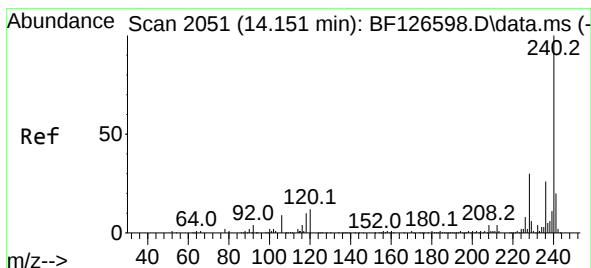
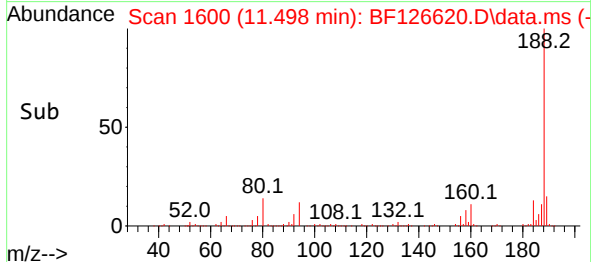
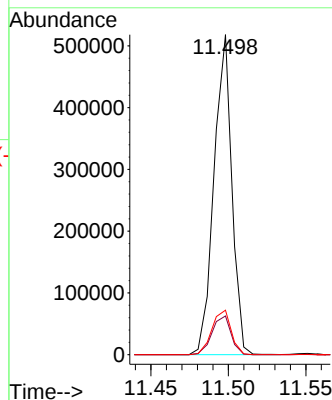
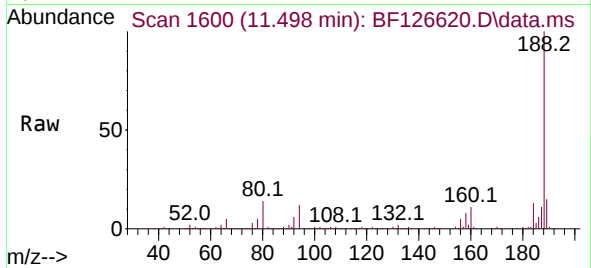




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

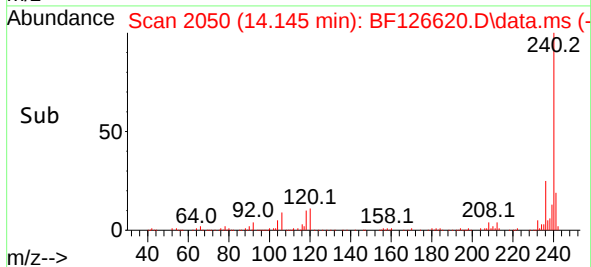
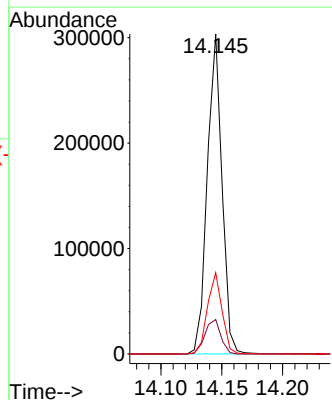
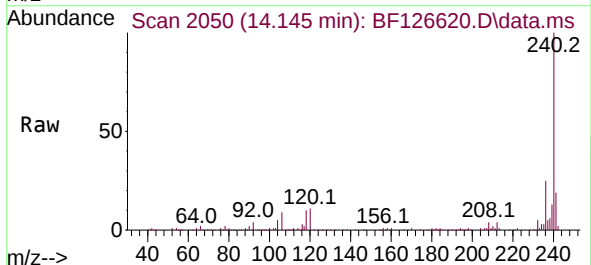
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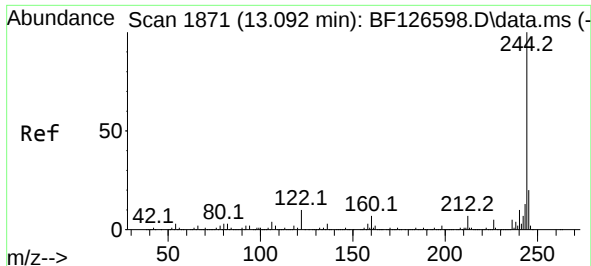
Tgt Ion:188 Resp: 415112
Ion Ratio Lower Upper
188 100
94 12.1 10.1 15.1
80 13.9 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126620.D
Acq: 20 Jan 2022 19:26

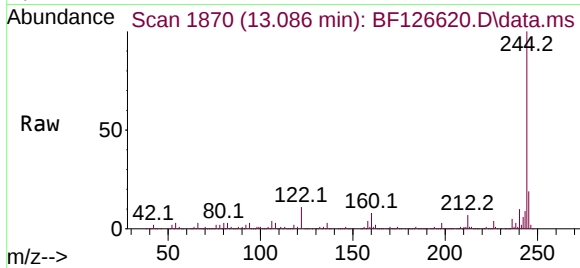
Tgt Ion:240 Resp: 255267
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.4 20.5 30.7



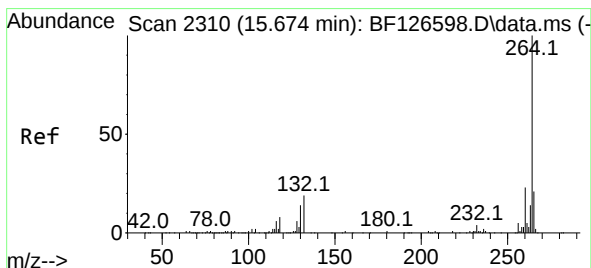
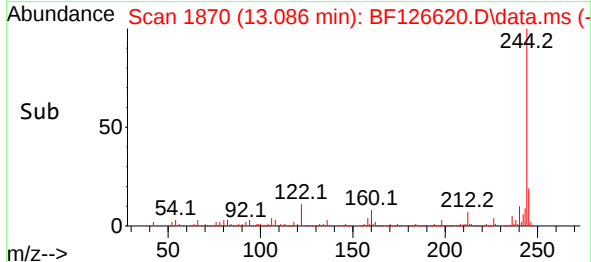
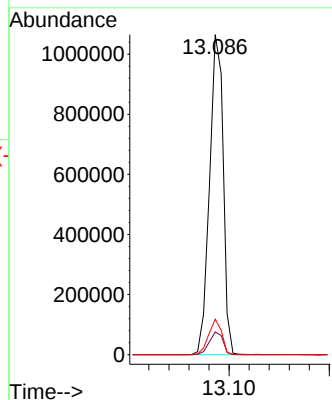


#79
 Terphenyl-d14
 Concen: 66.028 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126620.D
 Acq: 20 Jan 2022 19:26

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1004895
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2310
 Delta R.T. 0.000 min
 Lab File: BF126620.D
 Acq: 20 Jan 2022 19:26

Tgt Ion:264 Resp: 214272
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.0 17.4 26.2

