

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131572.D
 Acq On : 09 Dec 2022 18:09
 Operator : CG\JU
 Sample : N5947-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208

Quant Time: Dec 10 04:01:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	59175	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	214623	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	130309	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	256600	20.000	ng	0.00
76) Chrysene-d12	14.104	240	170254	20.000	ng	0.00
86) Perylene-d12	15.615	264	139035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	486840	137.252	ng	0.02
7) Phenol-d6	6.533	99	643877	138.523	ng	0.00
23) Nitrobenzene-d5	7.475	82	453406	79.869	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	200402	138.421	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	820115	79.355	ng	0.00
79) Terphenyl-d14	13.051	244	958995	77.247	ng	0.00

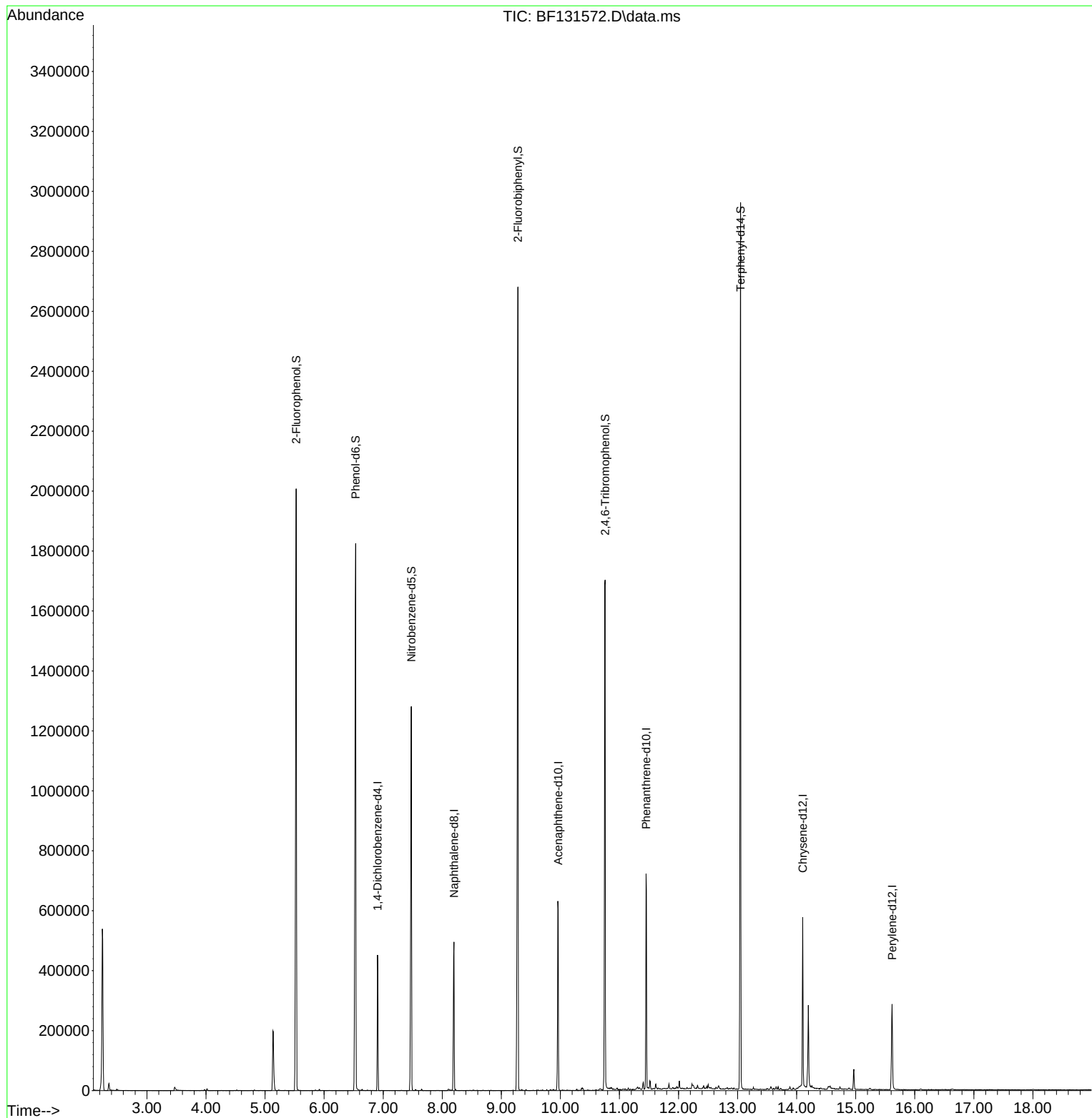
Target Compounds	Qvalue

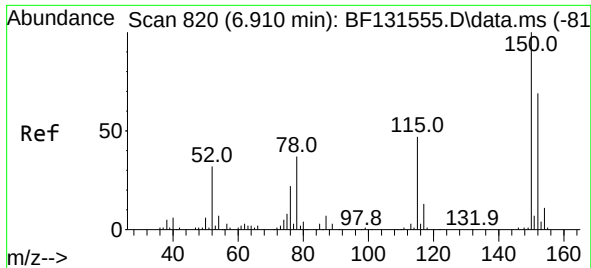
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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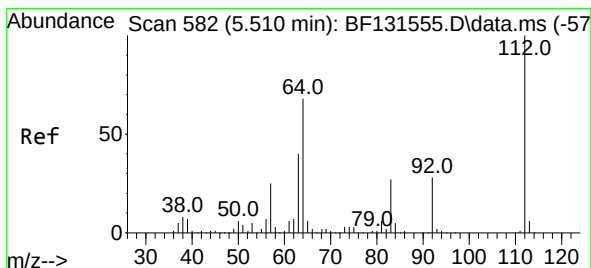
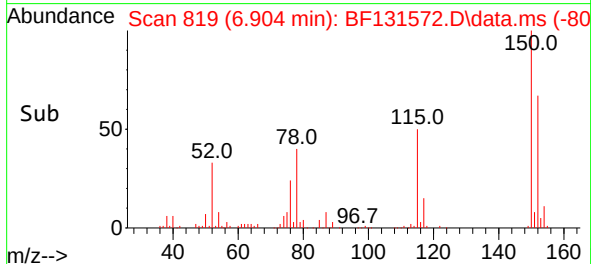
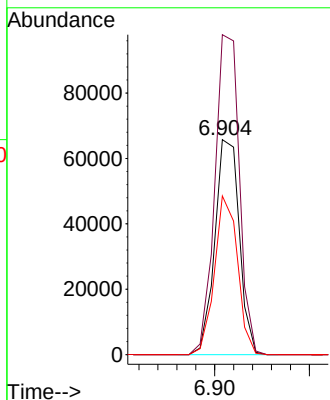
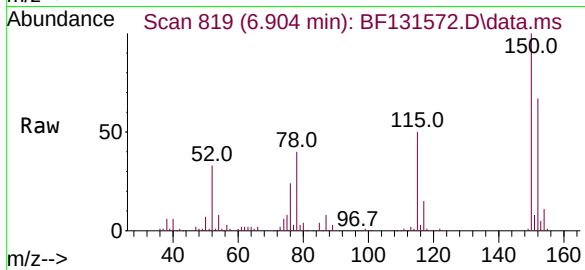




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

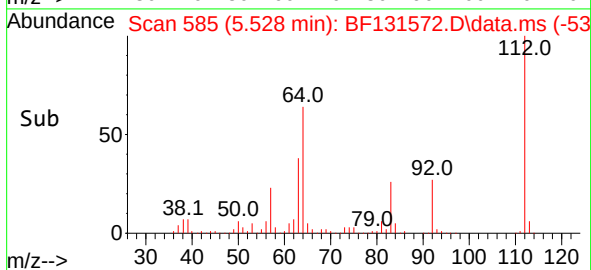
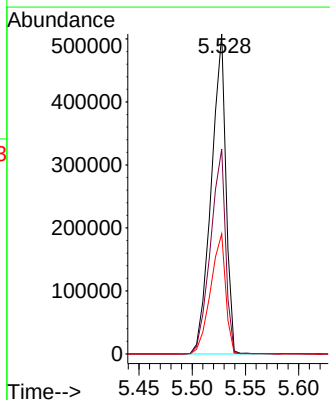
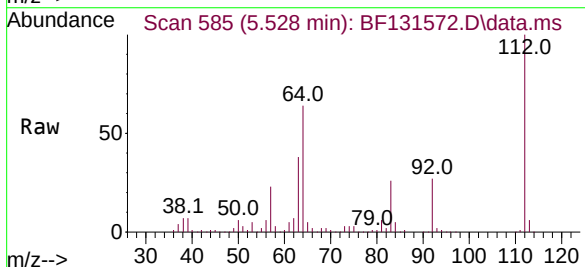
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

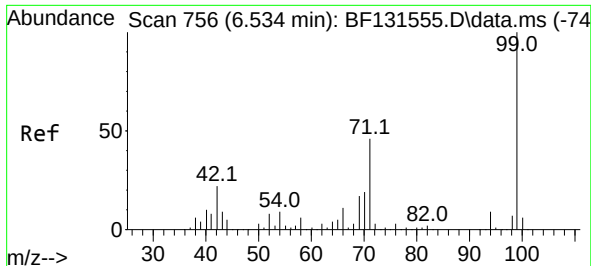
Tgt Ion:152 Resp: 59175
Ion Ratio Lower Upper
152 100
150 148.9 116.7 175.1
115 73.8 54.6 82.0



#5
2-Fluorophenol
Concen: 137.252 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:112 Resp: 486840
Ion Ratio Lower Upper
112 100
64 64.0 54.5 81.7
63 37.5 31.9 47.9

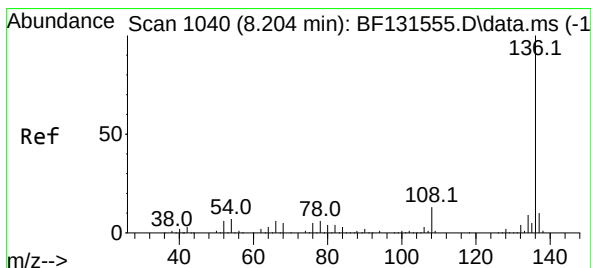
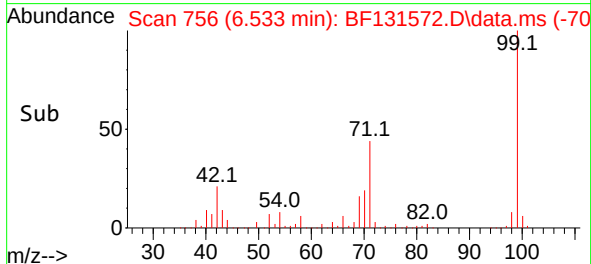
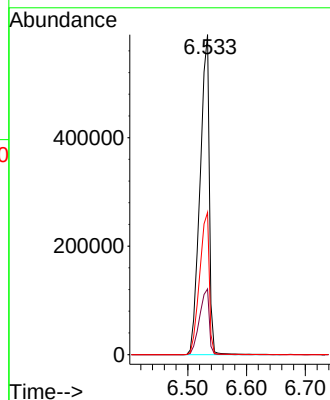
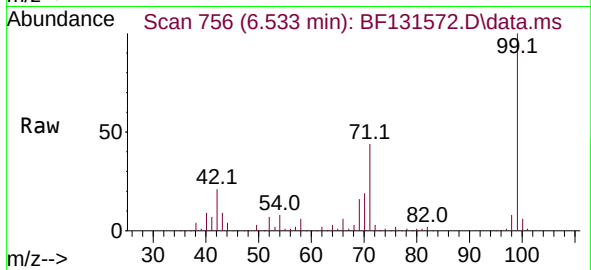




#7
Phenol-d6
Concen: 138.523 ng
RT: 6.533 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

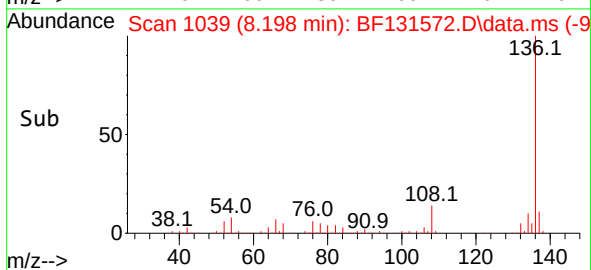
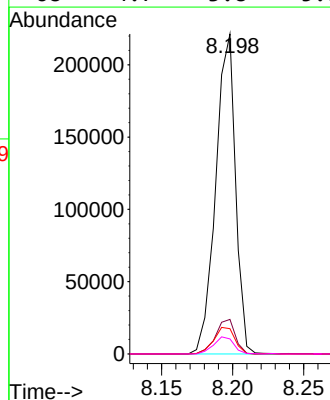
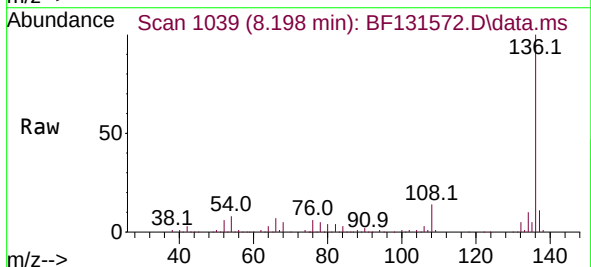
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

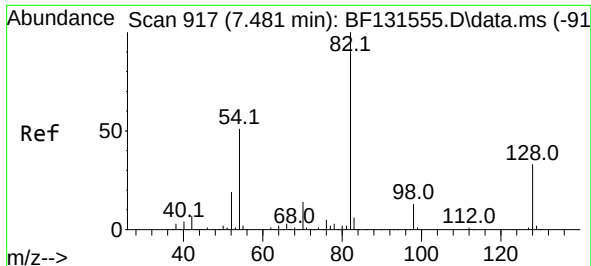
Tgt Ion: 99 Resp: 643877
Ion Ratio Lower Upper
99 100
42 20.5 17.9 26.9
71 44.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion: 136 Resp: 214623
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.9 6.0 9.0
68 4.7 3.8 5.8

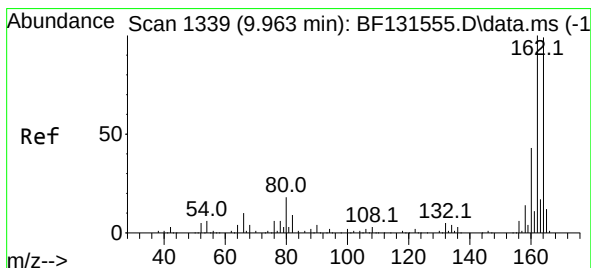
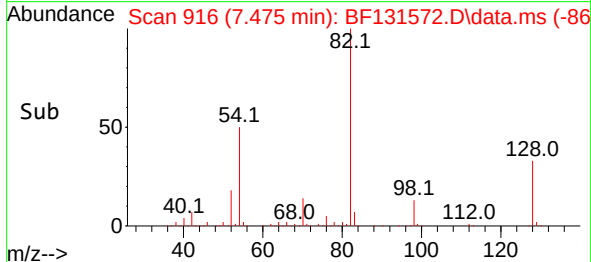
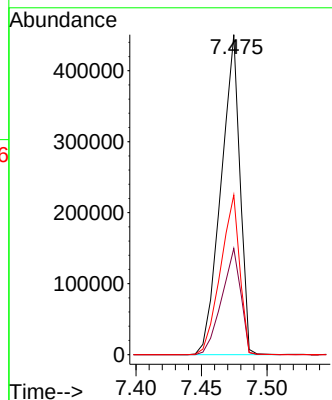
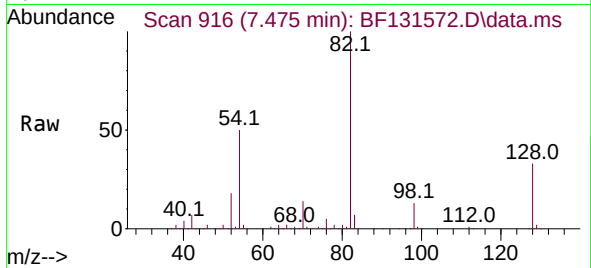




#23
Nitrobenzene-d5
Concen: 79.869 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

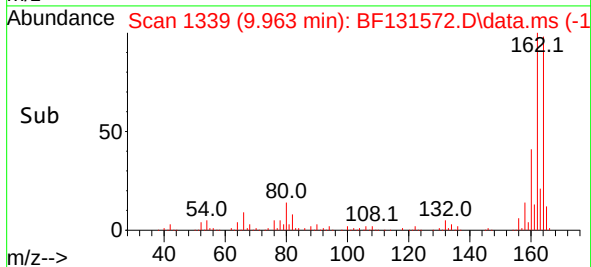
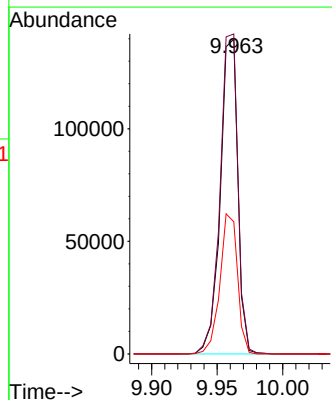
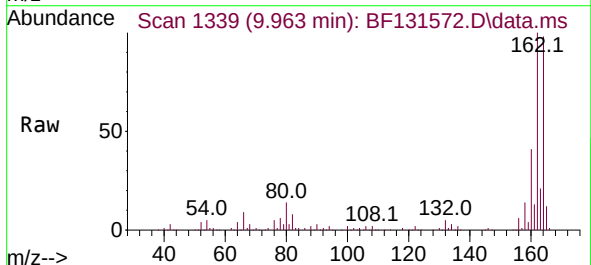
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208

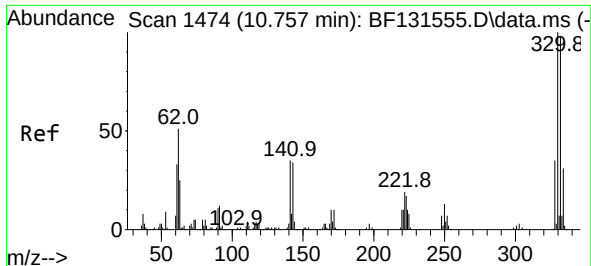
Tgt Ion: 82 Resp: 453406
Ion Ratio Lower Upper
82 100
128 33.2 26.1 39.1
54 49.9 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion: 164 Resp: 130309
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.6
160 42.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 138.421 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BF131572.D

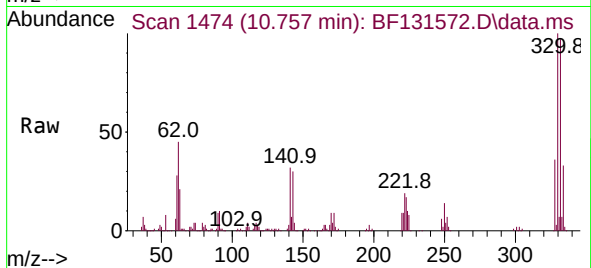
Acq: 09 Dec 2022 18:09

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208



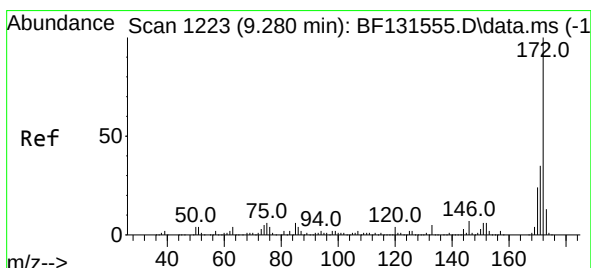
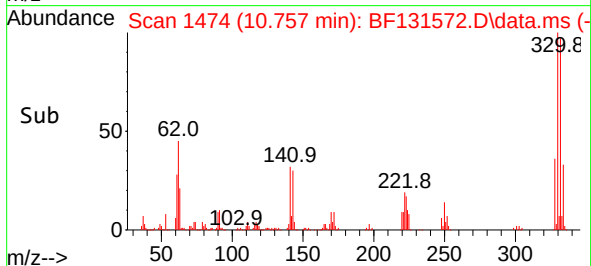
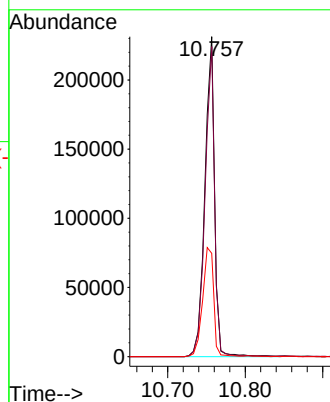
Tgt Ion:330 Resp: 200402

Ion Ratio Lower Upper

330 100

332 95.3 78.3 117.5

141 38.8 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 79.355 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF131572.D

Acq: 09 Dec 2022 18:09

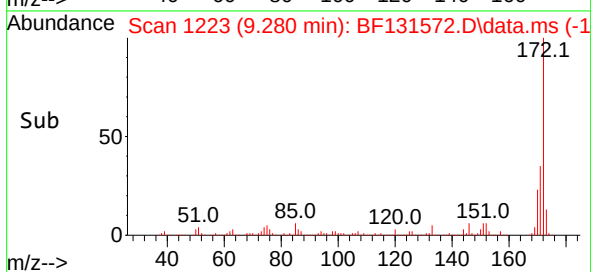
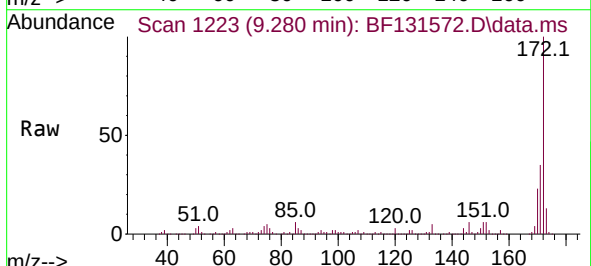
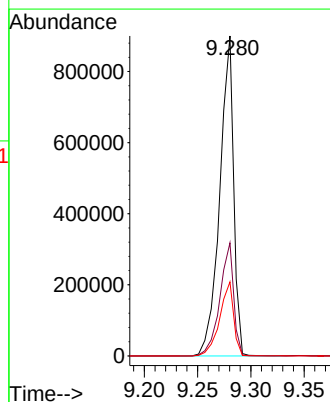
Tgt Ion:172 Resp: 820115

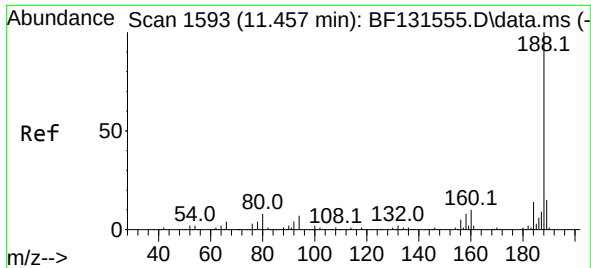
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 19.3 28.9

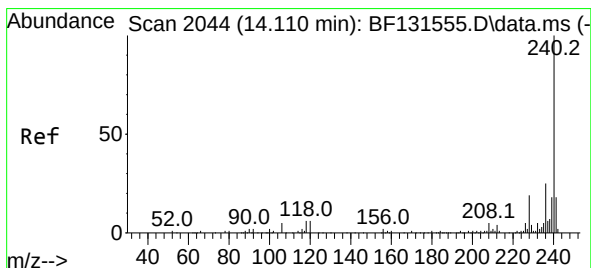
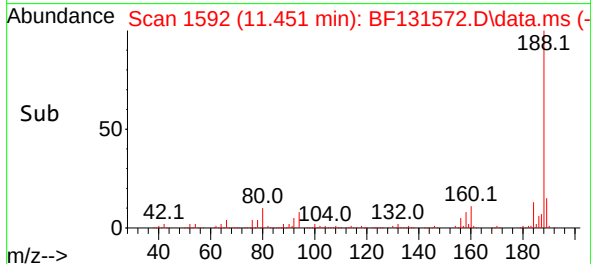
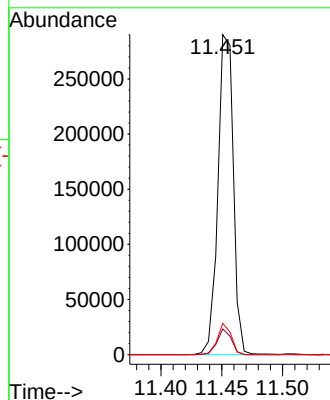
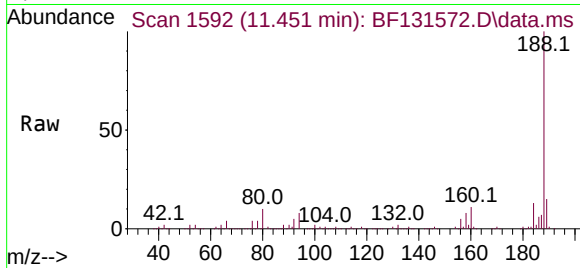




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

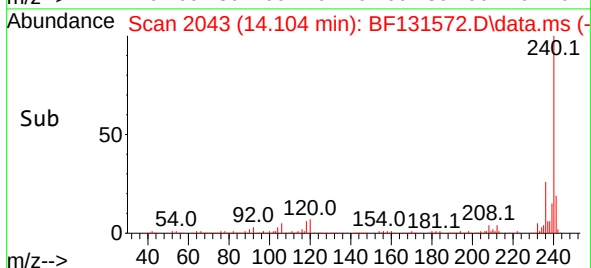
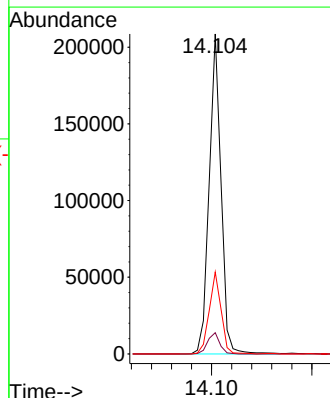
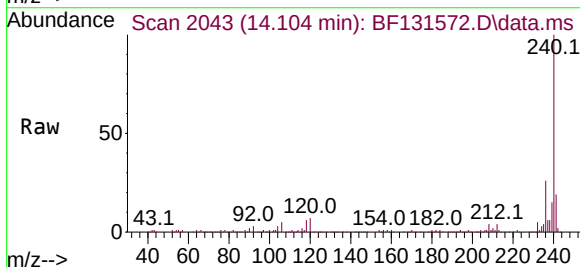
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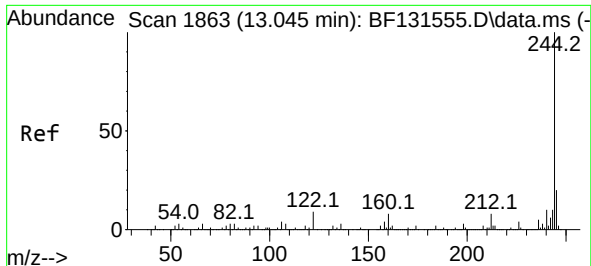
Tgt Ion:188 Resp: 256600
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.8 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131572.D
Acq: 09 Dec 2022 18:09

Tgt Ion:240 Resp: 170254
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.6 20.2 30.2

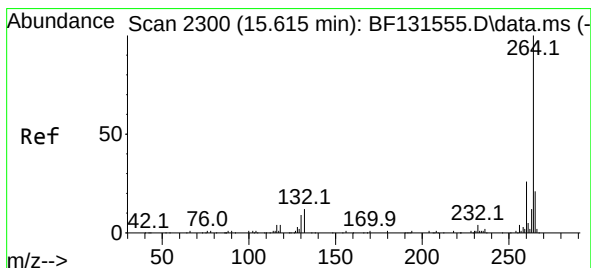
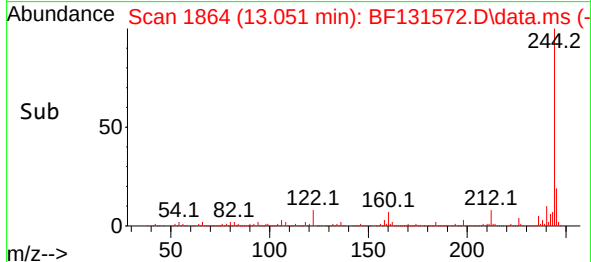
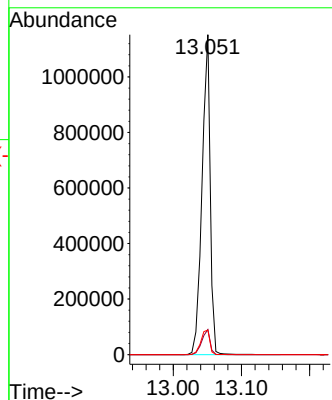
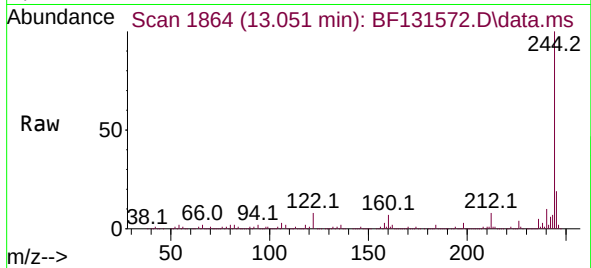




#79
 Terphenyl-d14
 Concen: 77.247 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131572.D
 Acq: 09 Dec 2022 18:09

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 958995
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2300
 Delta R.T. -0.000 min
 Lab File: BF131572.D
 Acq: 09 Dec 2022 18:09

Tgt Ion:264 Resp: 139035
 Ion Ratio Lower Upper
 264 100
 260 22.1 20.6 30.8
 265 20.7 16.8 25.2

