

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131034.D
 Acq On : 05 Nov 2022 23:10
 Operator : CG\JU
 Sample : N5452-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 07 00:53:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

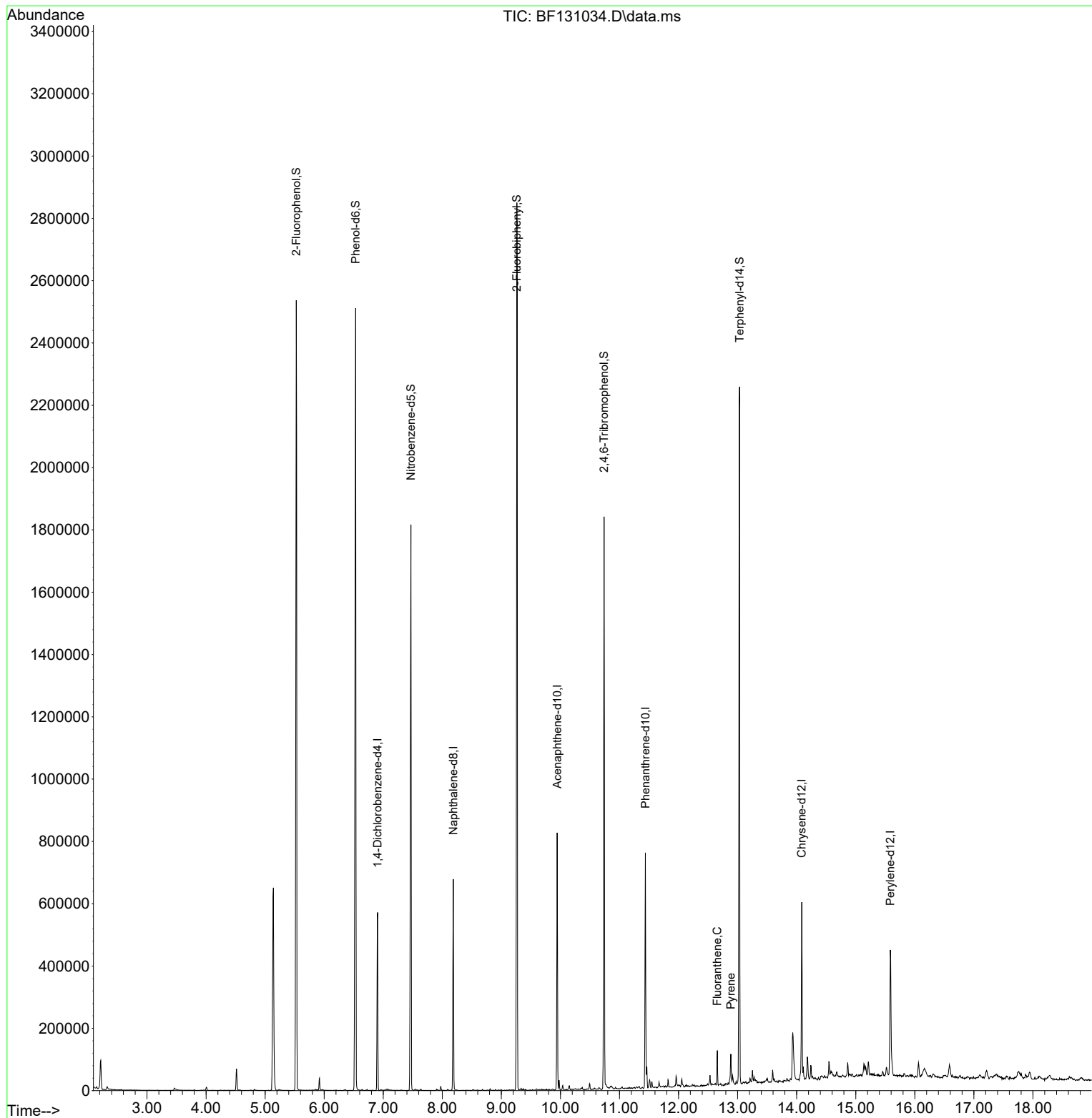
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	78891	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	264977	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	152993	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	245907	20.000	ng	0.00
76) Chrysene-d12	14.086	240	176526	20.000	ng	0.00
86) Perylene-d12	15.586	264	182565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	690540	151.745	ng	0.01
7) Phenol-d6	6.534	99	862862	145.912	ng	0.00
23) Nitrobenzene-d5	7.469	82	586518	133.470	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	209195	162.432	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	925016	91.410	ng	0.00
79) Terphenyl-d14	13.033	244	803187	83.376	ng	0.00
Target Compounds						
75) Fluoranthene	12.657	202	37851	2.807	ng	95
78) Pyrene	12.886	202	36376	2.442	ng	96

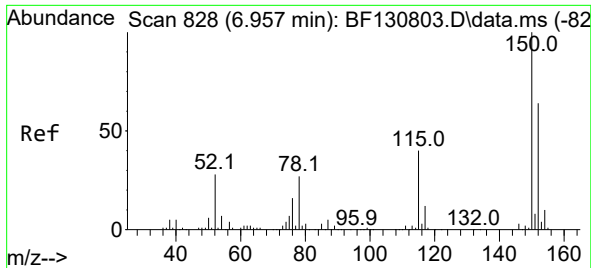
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131034.D
Acq On : 05 Nov 2022 23:10
Operator : CG\JU
Sample : N5452-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Quant Time: Nov 07 00:53:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:46:02 2022
Response via : Initial Calibration

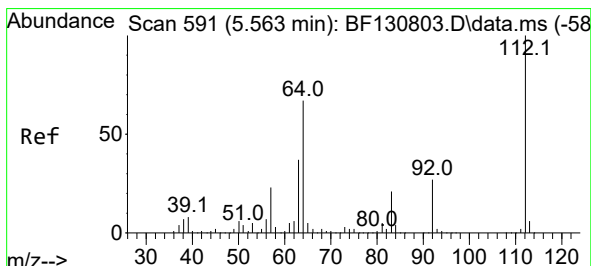
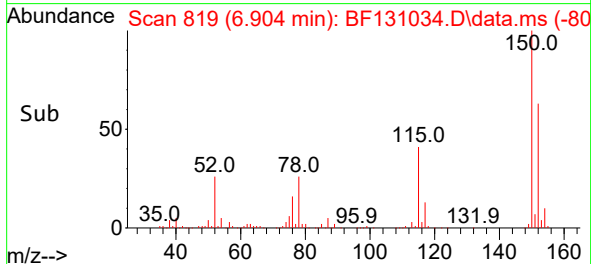
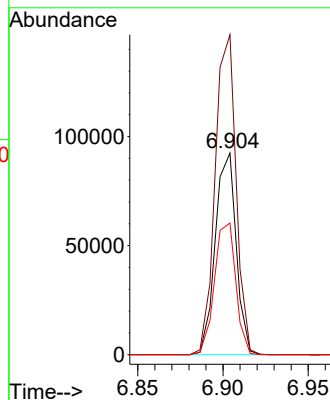
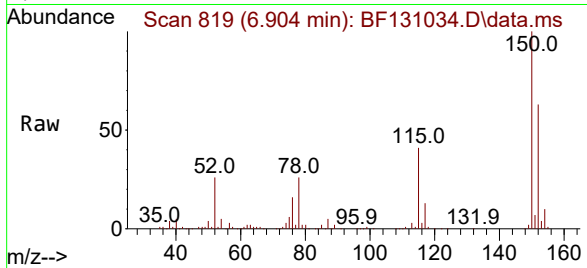




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

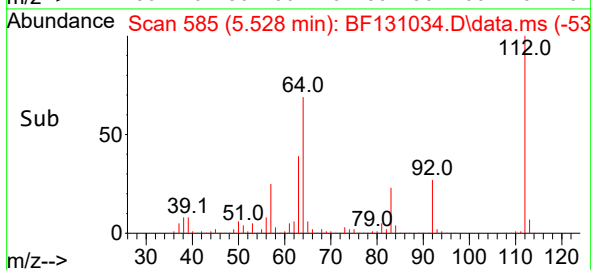
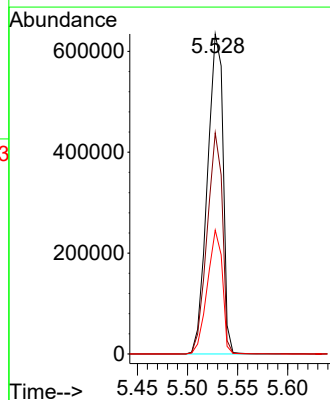
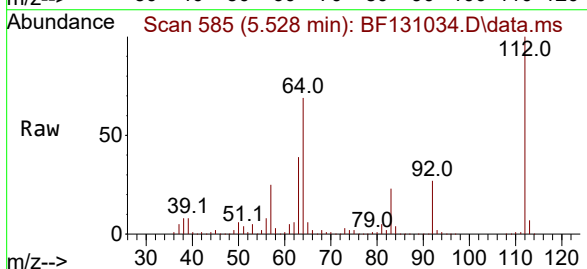
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

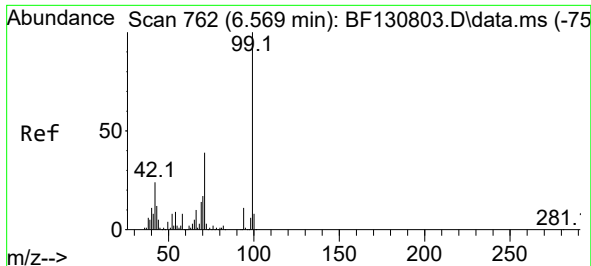
Tgt Ion:152 Resp: 78891
Ion Ratio Lower Upper
152 100
150 158.8 124.1 186.1
115 65.4 50.1 75.1



#5
2-Fluorophenol
Concen: 151.745 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

Tgt Ion:112 Resp: 690540
Ion Ratio Lower Upper
112 100
64 69.1 53.9 80.9
63 38.7 29.4 44.2

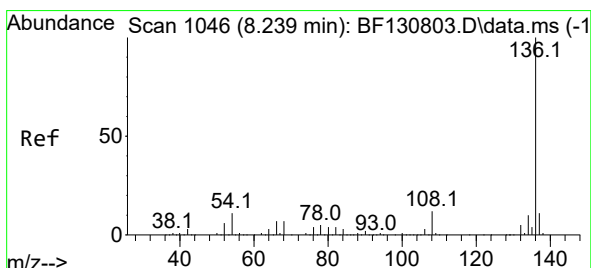
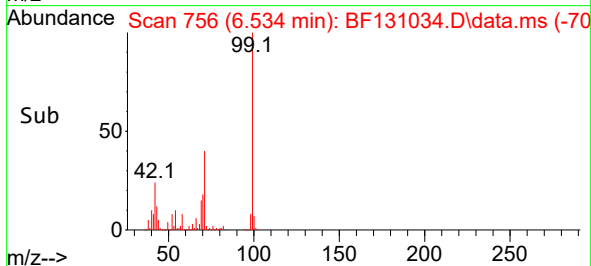
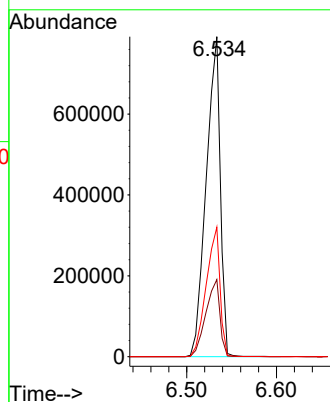
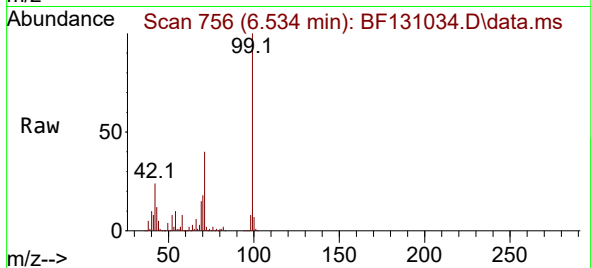




#7
Phenol-d6
Concen: 145.912 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

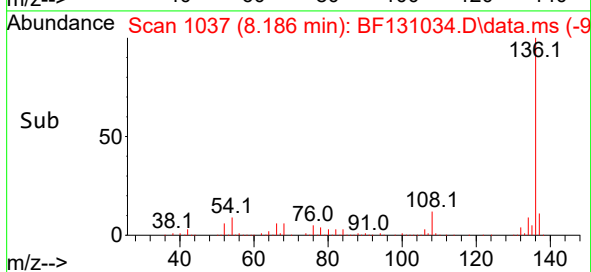
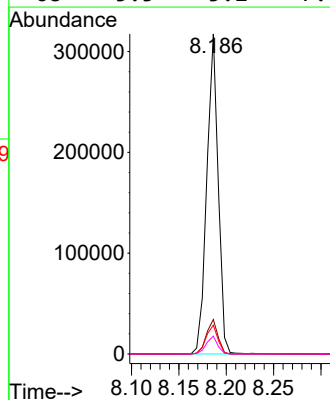
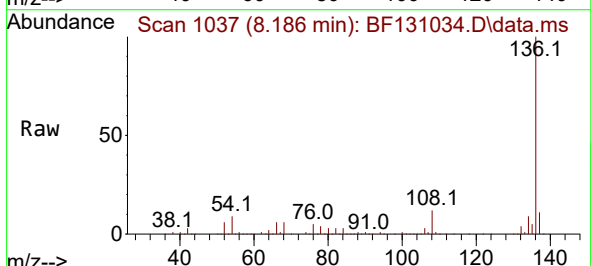
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

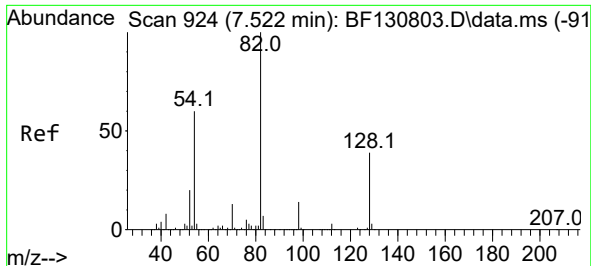
Tgt Ion: 99 Resp: 862862
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 40.4 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

Tgt Ion: 136 Resp: 264977
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.0 8.8 13.2
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 133.470 ng

RT: 7.469 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131034.D

Acq: 05 Nov 2022 23:10

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

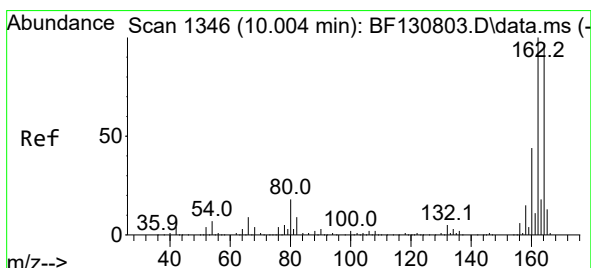
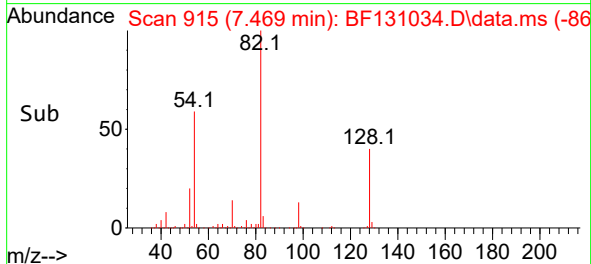
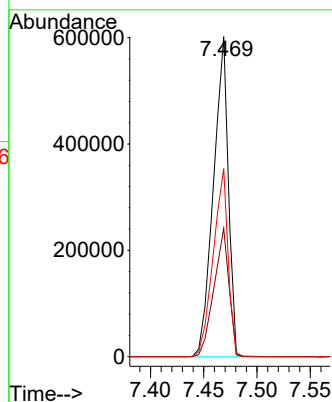
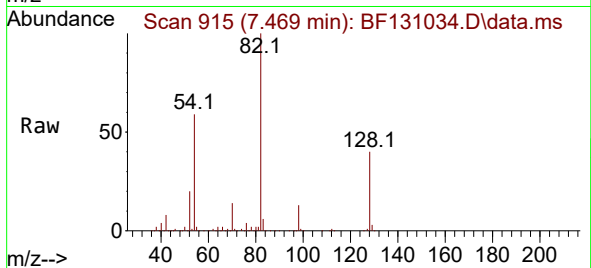
Tgt Ion: 82 Resp: 586518

Ion Ratio Lower Upper

82 100

128 40.0 31.2 46.8

54 58.7 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131034.D

Acq: 05 Nov 2022 23:10

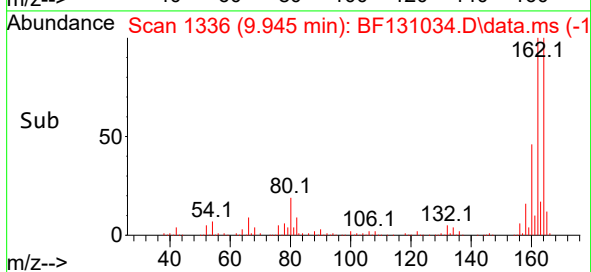
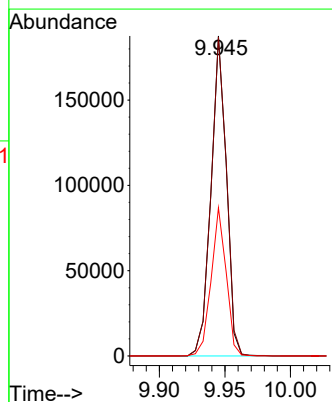
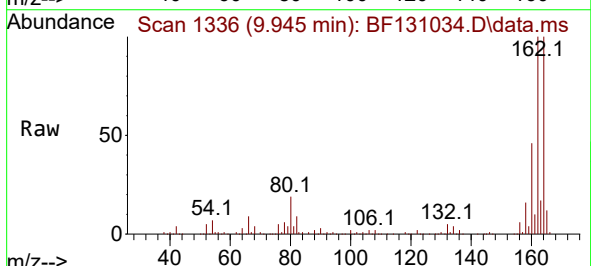
Tgt Ion:164 Resp: 152993

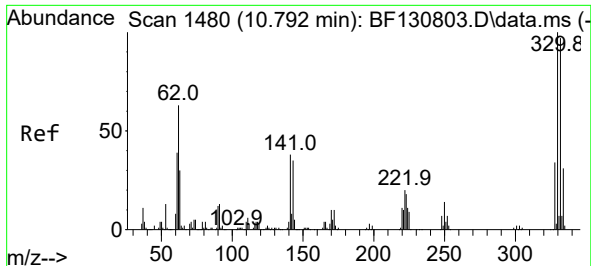
Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.2

160 46.3 36.6 54.8

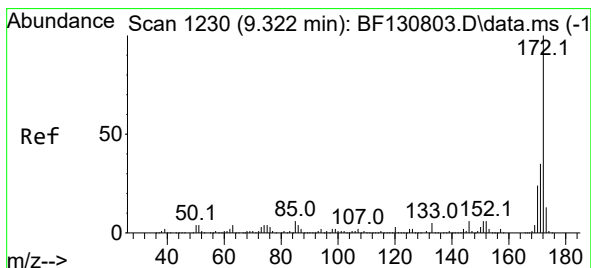
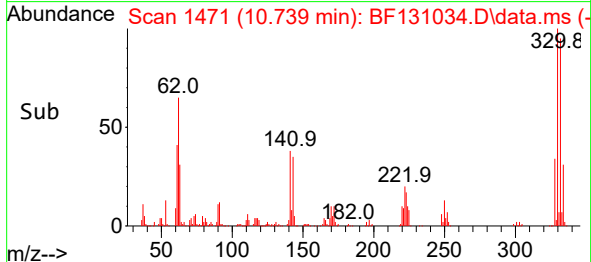
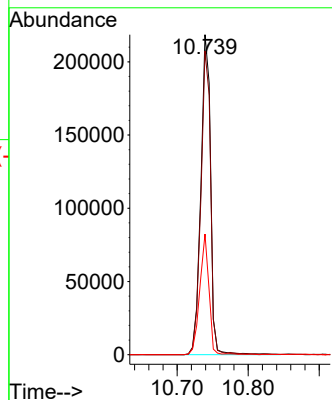
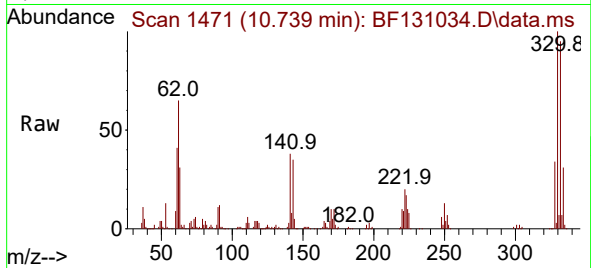




#42
2,4,6-Tribromophenol
Concen: 162.432 ng
RT: 10.739 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

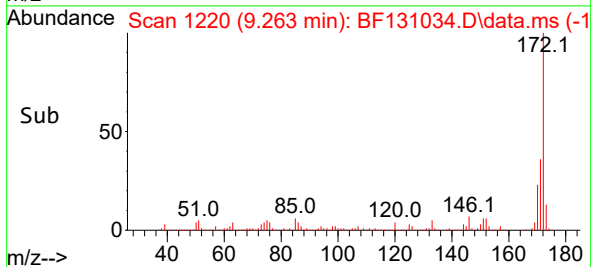
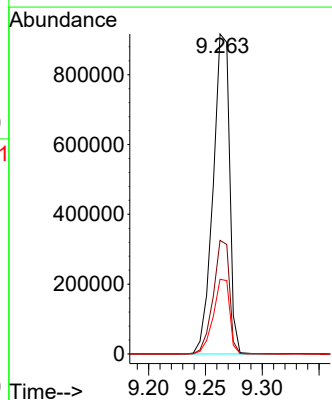
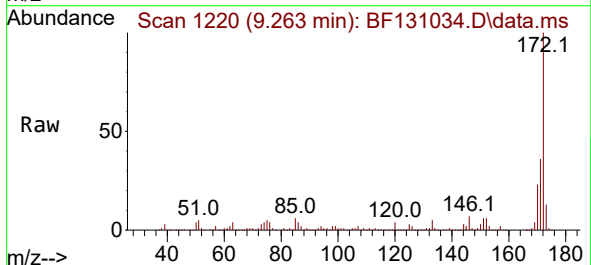
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

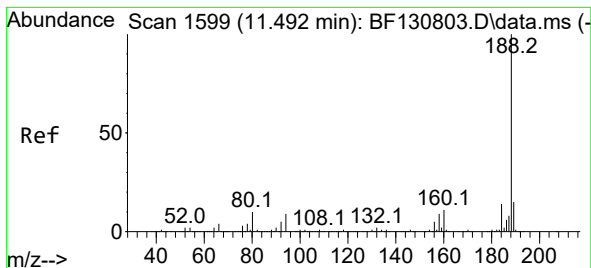
Tgt Ion:330 Resp: 209195
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 35.7 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 91.410 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

Tgt Ion:172 Resp: 925016
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131034.D

Acq: 05 Nov 2022 23:10

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

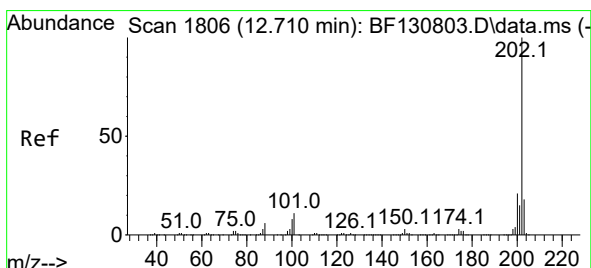
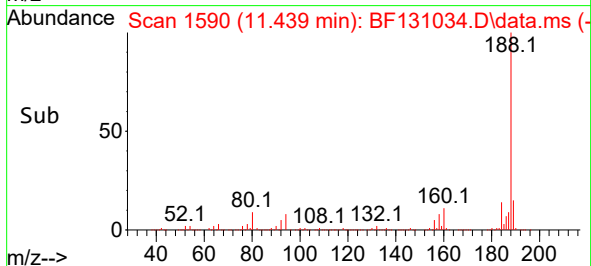
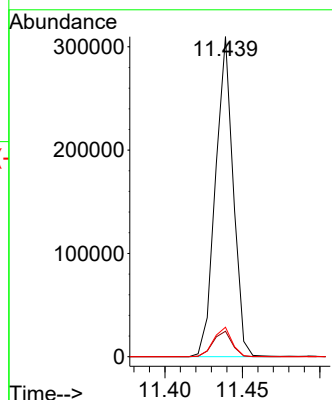
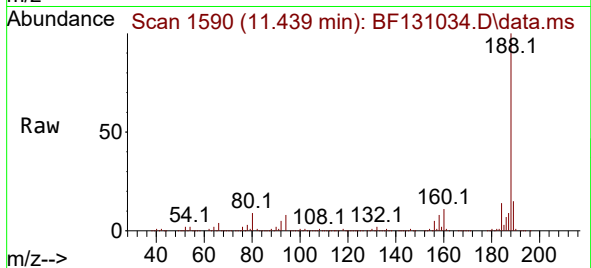
Tgt Ion:188 Resp: 245907

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 9.2 8.0 12.0



#75

Fluoranthene

Concen: 2.807 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF131034.D

Acq: 05 Nov 2022 23:10

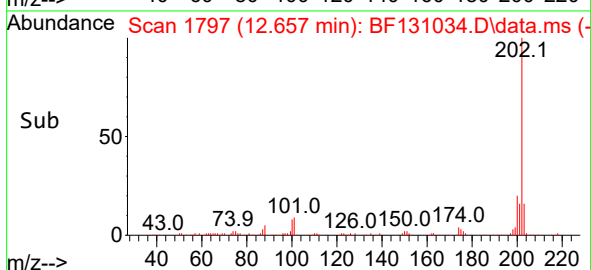
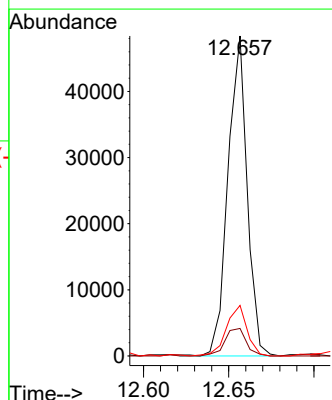
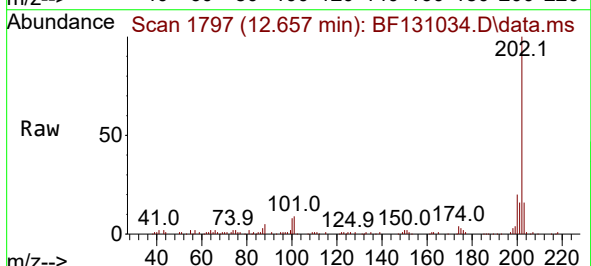
Tgt Ion:202 Resp: 37851

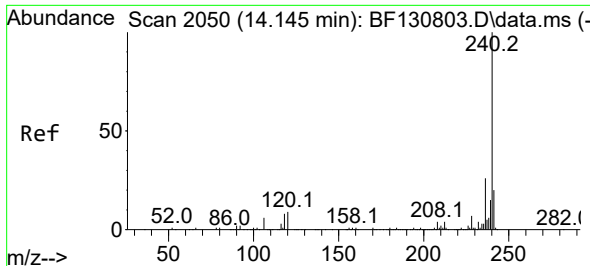
Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.9

203 15.8 0.0 37.7

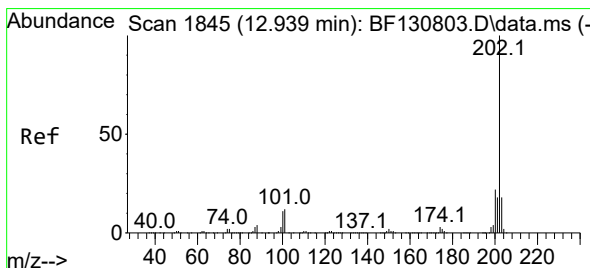
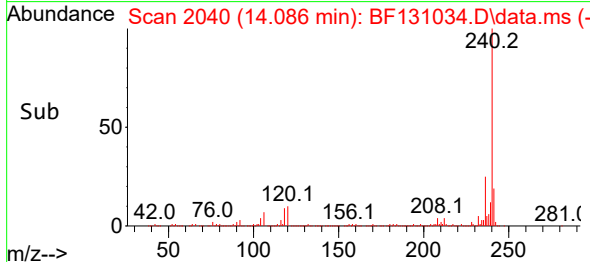
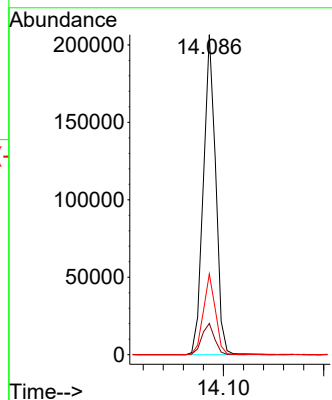
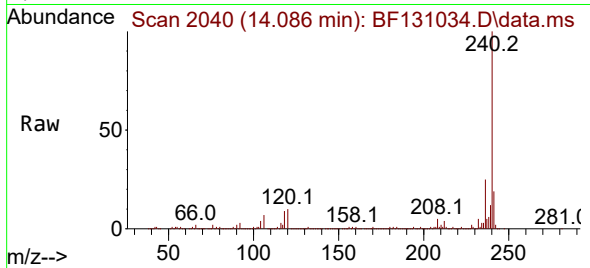




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

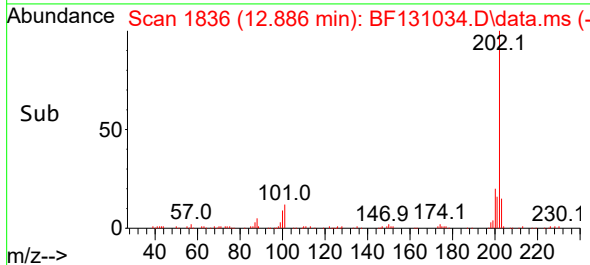
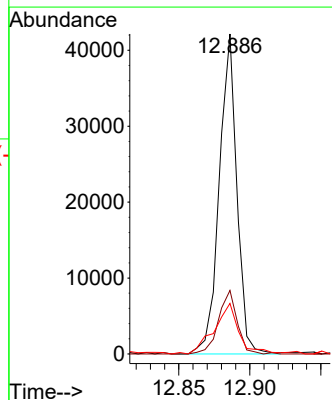
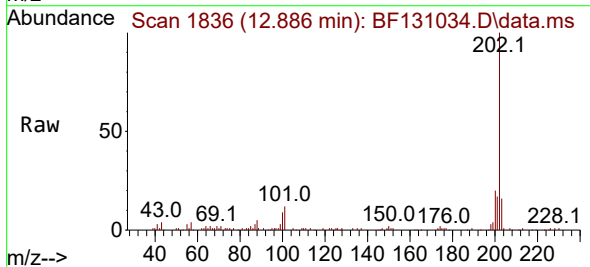
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

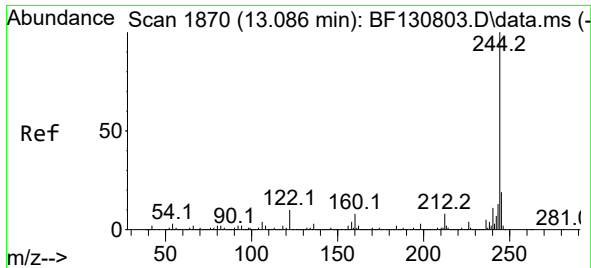
Tgt Ion:240 Resp: 176526
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.4
236 25.2 20.5 30.7



#78
Pyrene
Concen: 2.442 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF131034.D
Acq: 05 Nov 2022 23:10

Tgt Ion:202 Resp: 36376
Ion Ratio Lower Upper
202 100
200 19.9 17.2 25.8
203 15.8 14.5 21.7

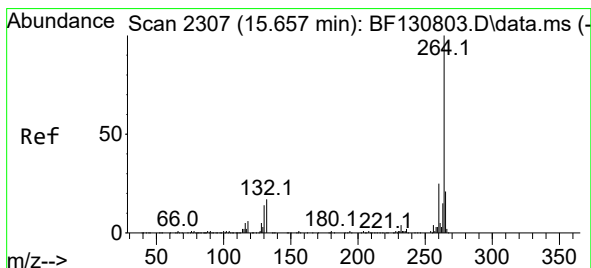
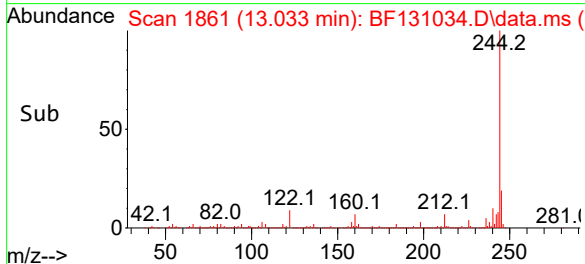
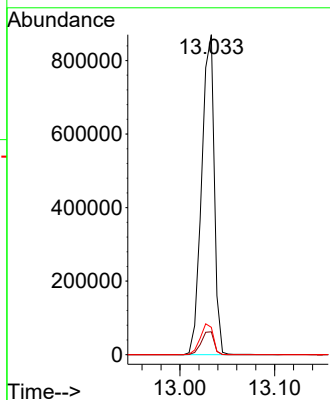
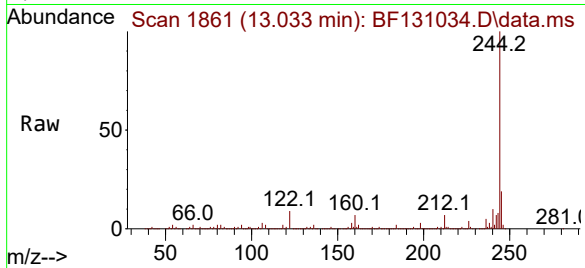




#79
 Terphenyl-d14
 Concen: 83.376 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131034.D
 Acq: 05 Nov 2022 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tgt Ion:244 Resp: 803187
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131034.D
 Acq: 05 Nov 2022 23:10

Tgt Ion:264 Resp: 182565
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.9 29.9
 265 21.2 17.0 25.6

