

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131002.D
 Acq On : 04 Nov 2022 21:25
 Operator : CG\JU
 Sample : N5452-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 05 00:39:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	60188	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	230610	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	120411	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	221794	20.000	ng	0.00
76) Chrysene-d12	14.098	240	168418	20.000	ng	0.00
86) Perylene-d12	15.604	264	175437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	458621	132.098	ng	0.01
7) Phenol-d6	6.534	99	469350	104.031	ng	0.00
23) Nitrobenzene-d5	7.475	82	391598	102.393	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	201824	199.112	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	689924	86.627	ng	0.00
79) Terphenyl-d14	13.039	244	651016	70.833	ng	0.00

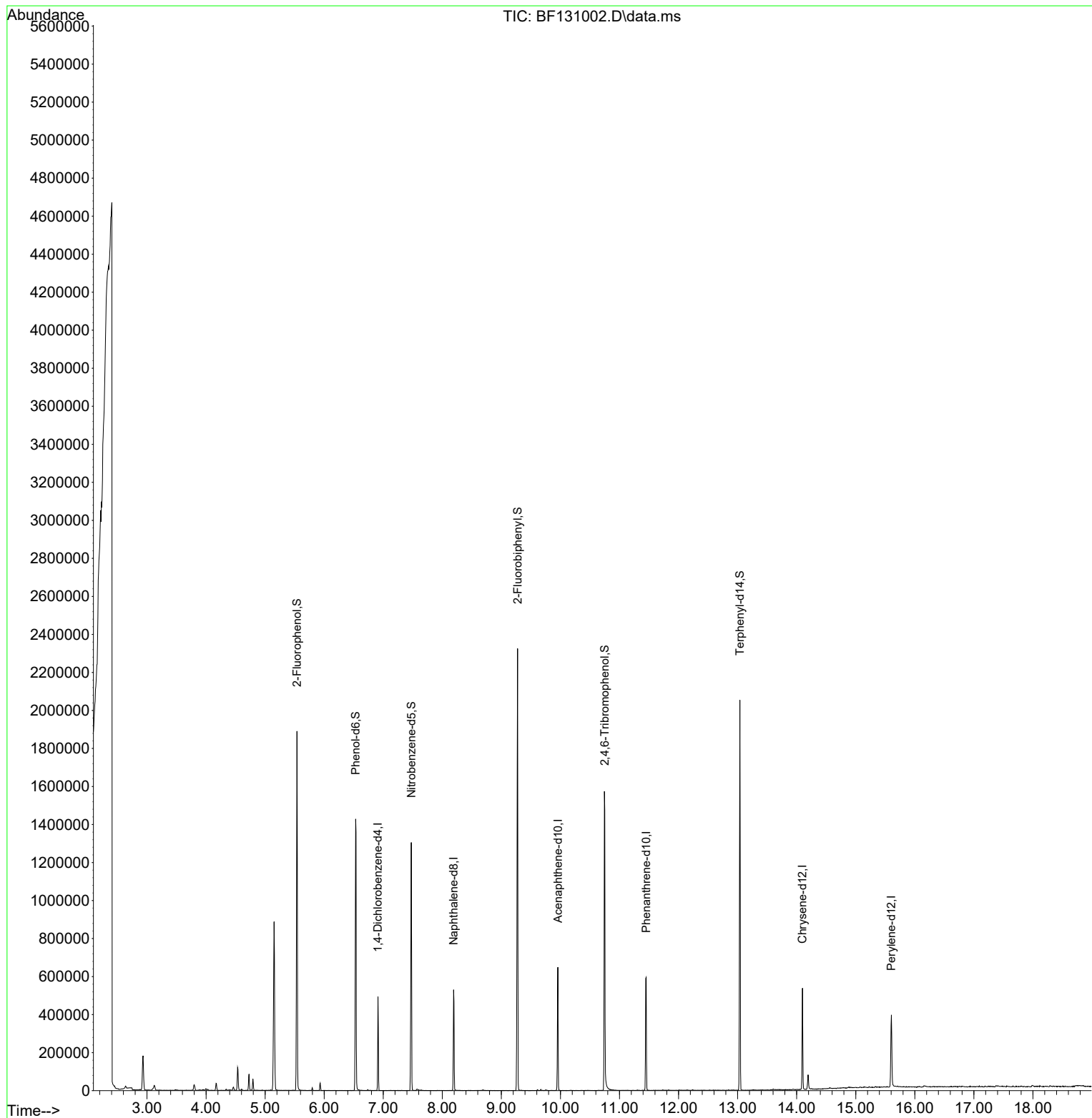
Target Compounds	Qvalue

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

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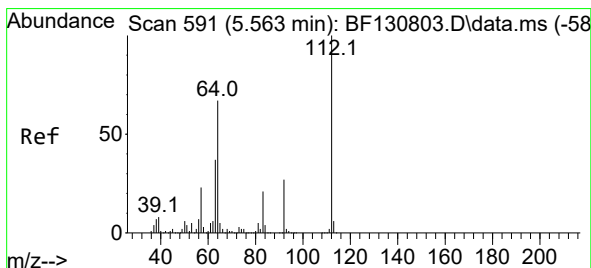
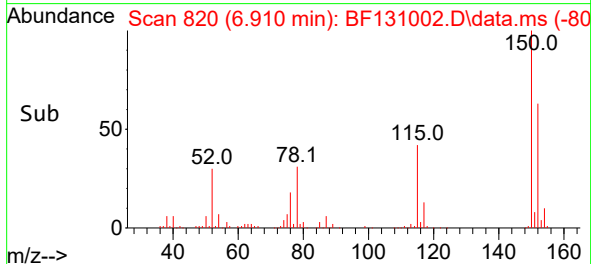
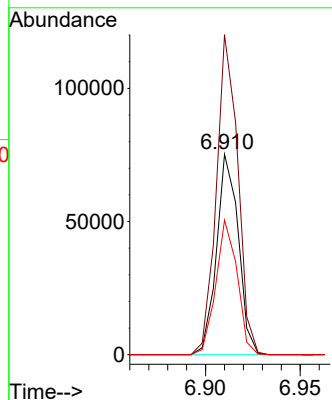
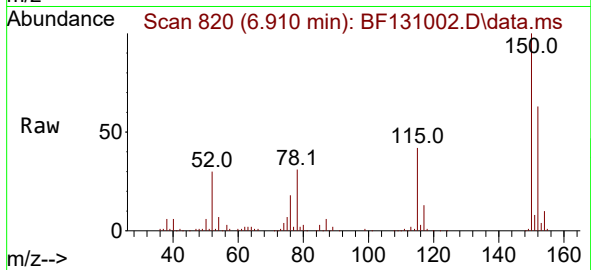




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131002.D
 Acq: 04 Nov 2022 21:25

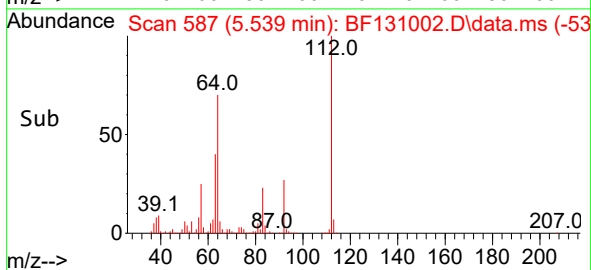
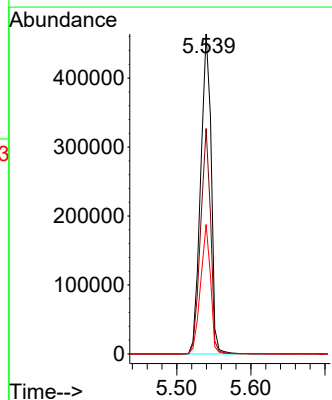
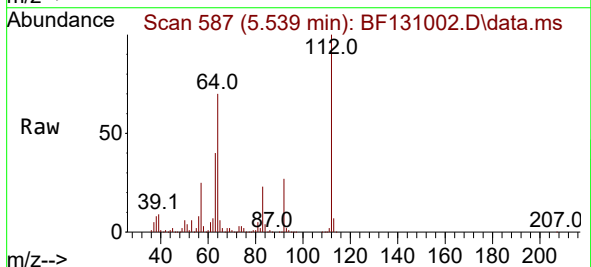
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tgt Ion:152 Resp: 60188
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.1 186.1
 115 67.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 132.098 ng
 RT: 5.539 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF131002.D
 Acq: 04 Nov 2022 21:25

Tgt Ion:112 Resp: 458621
 Ion Ratio Lower Upper
 112 100
 64 70.4 53.9 80.9
 63 40.5 29.4 44.2

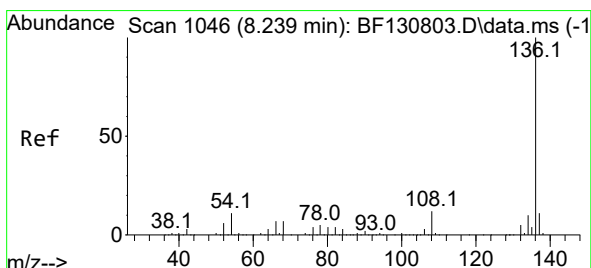
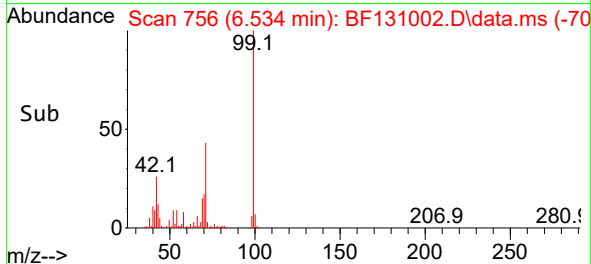
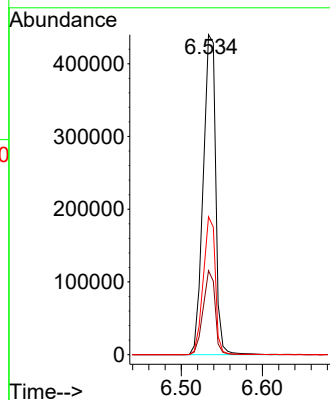
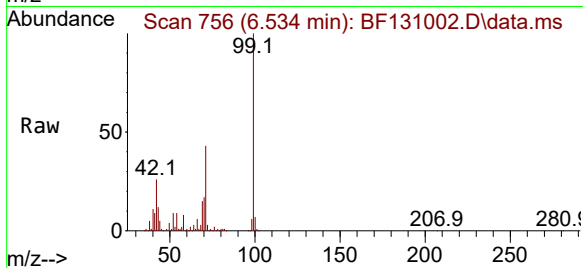




#7
Phenol-d6
Concen: 104.031 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131002.D
Acq: 04 Nov 2022 21:25

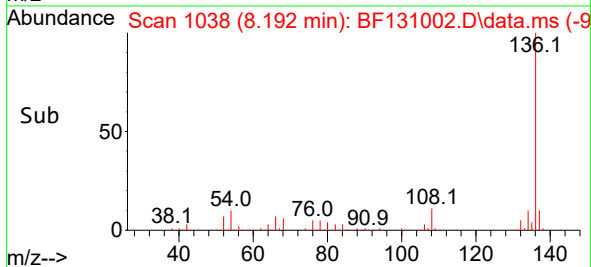
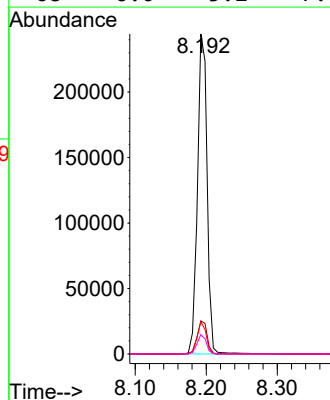
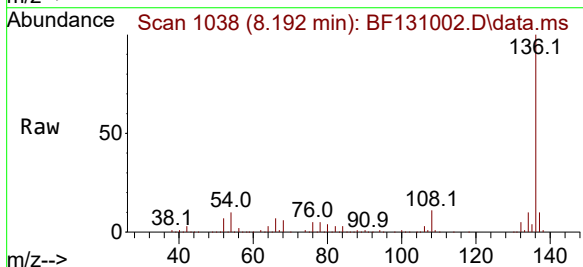
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion: 99 Resp: 469350
Ion Ratio Lower Upper
99 100
42 26.2 18.8 28.2
71 43.1 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131002.D
Acq: 04 Nov 2022 21:25

Tgt Ion: 136 Resp: 230610
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 10.0 8.8 13.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 102.393 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131002.D

Acq: 04 Nov 2022 21:25

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

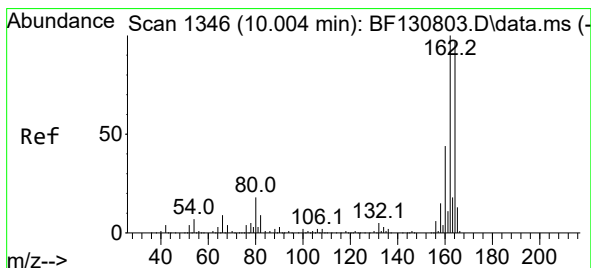
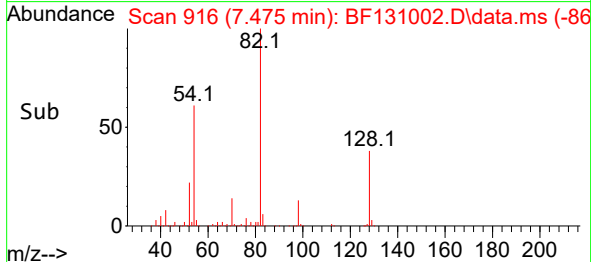
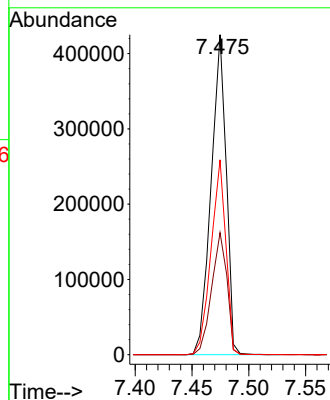
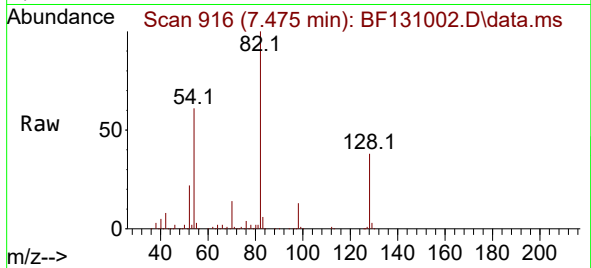
Tgt Ion: 82 Resp: 391598

Ion Ratio Lower Upper

82 100

128 38.1 31.2 46.8

54 60.9 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF131002.D

Acq: 04 Nov 2022 21:25

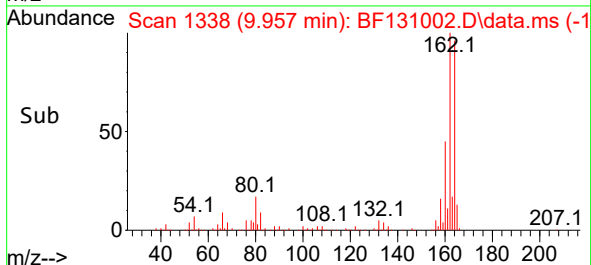
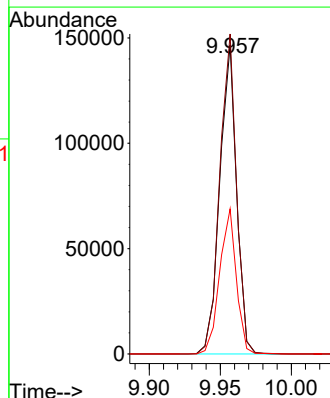
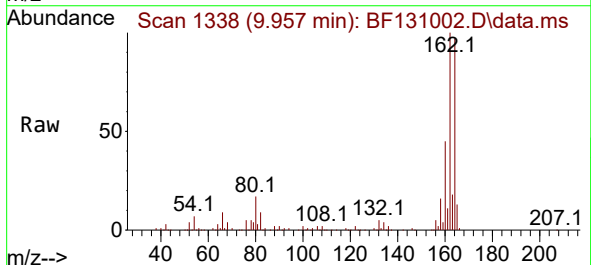
Tgt Ion:164 Resp: 120411

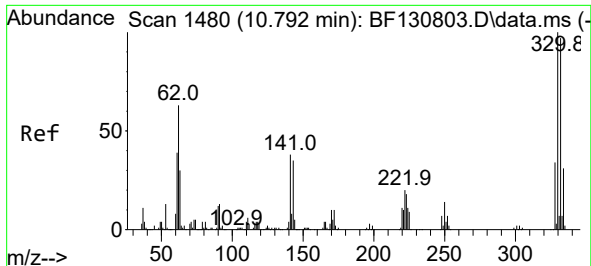
Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

160 46.9 36.6 54.8

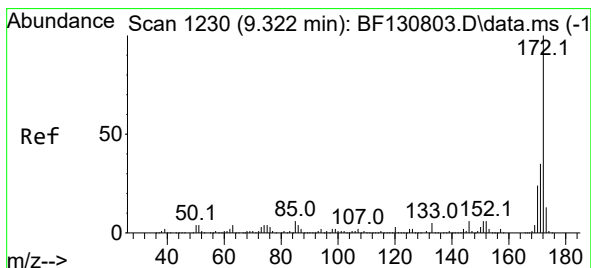
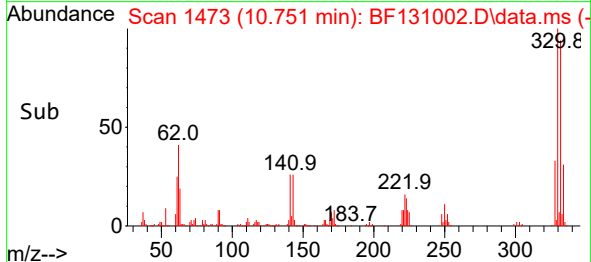
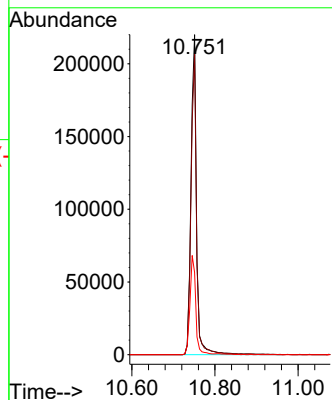
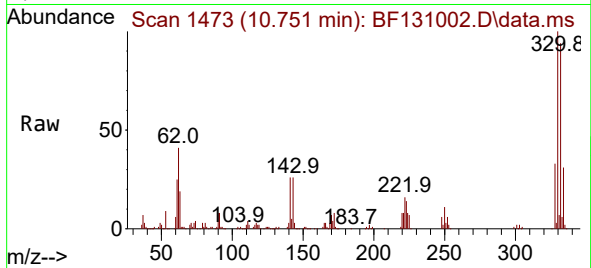




#42
2,4,6-Tribromophenol
Concen: 199.112 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131002.D
Acq: 04 Nov 2022 21:25

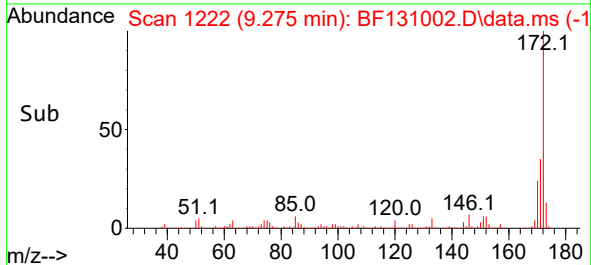
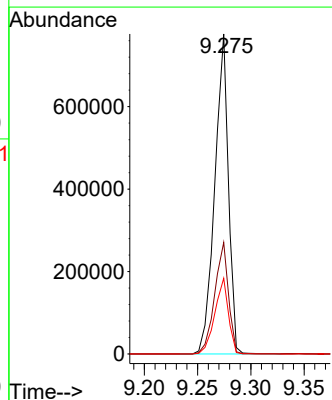
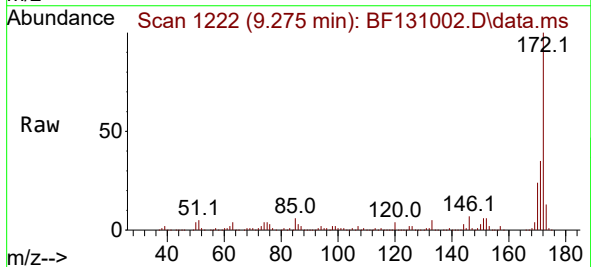
Instrument :
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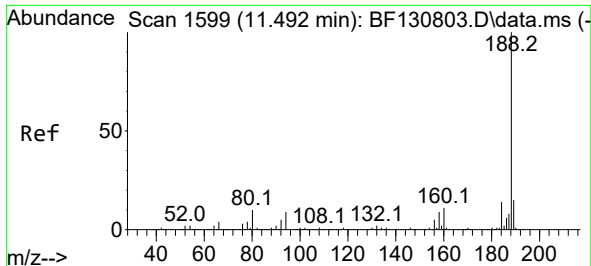
Tgt Ion:330 Resp: 201824
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 32.2 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 86.627 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF131002.D
Acq: 04 Nov 2022 21:25

Tgt Ion:172 Resp: 689924
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 19.0 28.4

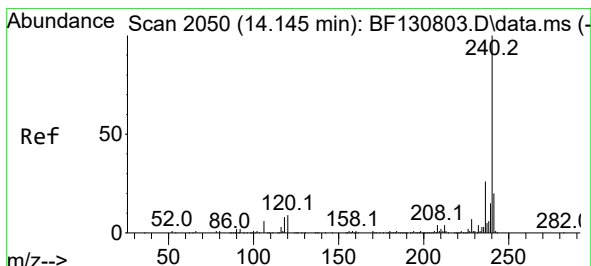
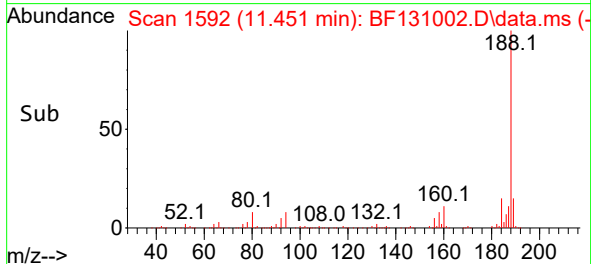
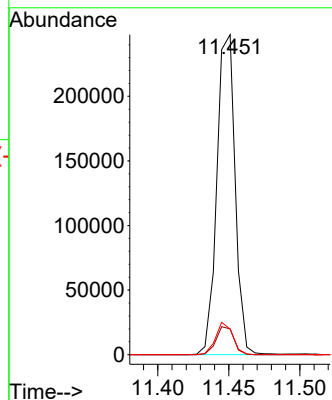
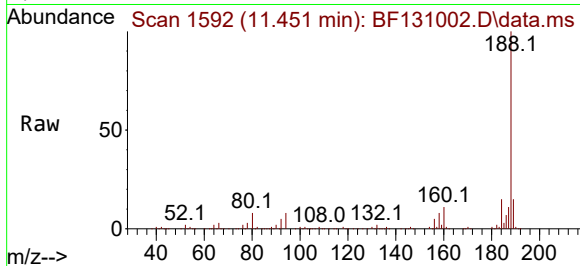




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131002.D
Acq: 04 Nov 2022 21:25

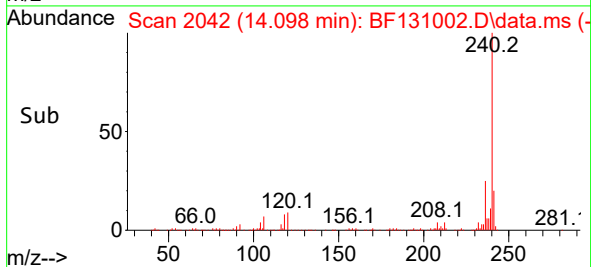
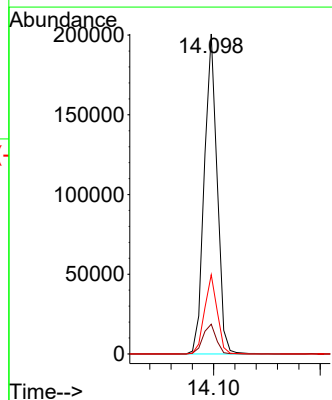
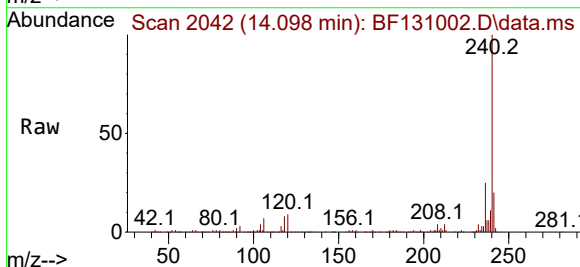
Instrument :
BNA_F
ClientSampleId :
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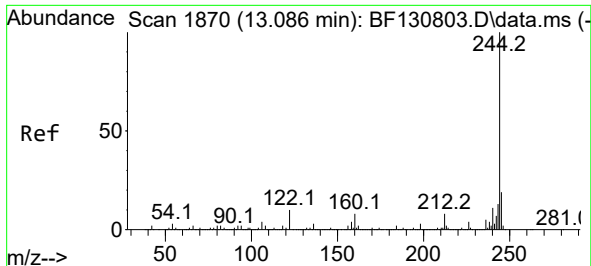
Tgt Ion:188 Resp: 221794
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131002.D
Acq: 04 Nov 2022 21:25

Tgt Ion:240 Resp: 168418
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 24.7 20.5 30.7

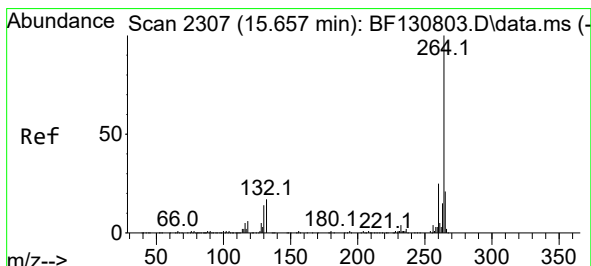
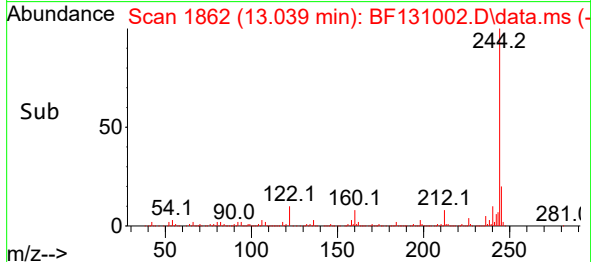
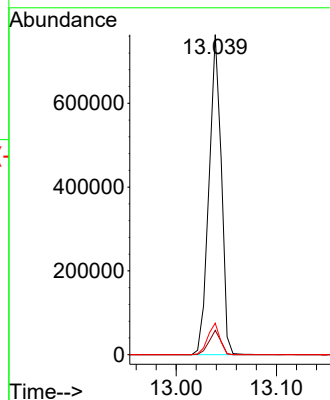
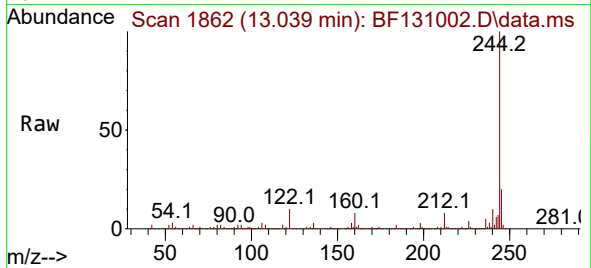




#79
 Terphenyl-d14
 Concen: 70.833 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131002.D
 Acq: 04 Nov 2022 21:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 651016
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131002.D
 Acq: 04 Nov 2022 21:25

Tgt Ion:264 Resp: 175437
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.9 29.9
 265 20.9 17.0 25.6

