

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131006.D
 Acq On : 04 Nov 2022 23:37
 Operator : CG\JU
 Sample : N5310-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-2

Quant Time: Nov 05 00:40:54 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	72775	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	271521	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	133567	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	248662	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	171615	20.000	ng	0.00
86) Perylene-d12	15.604	264	168692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	432997	103.146	ng	0.00
7) Phenol-d6	6.534	99	538002	98.623	ng	0.00
23) Nitrobenzene-d5	7.475	82	373520	82.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	115821	103.010	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	634682	71.841	ng	0.00
79) Terphenyl-d14	13.039	244	638901	68.220	ng	0.00

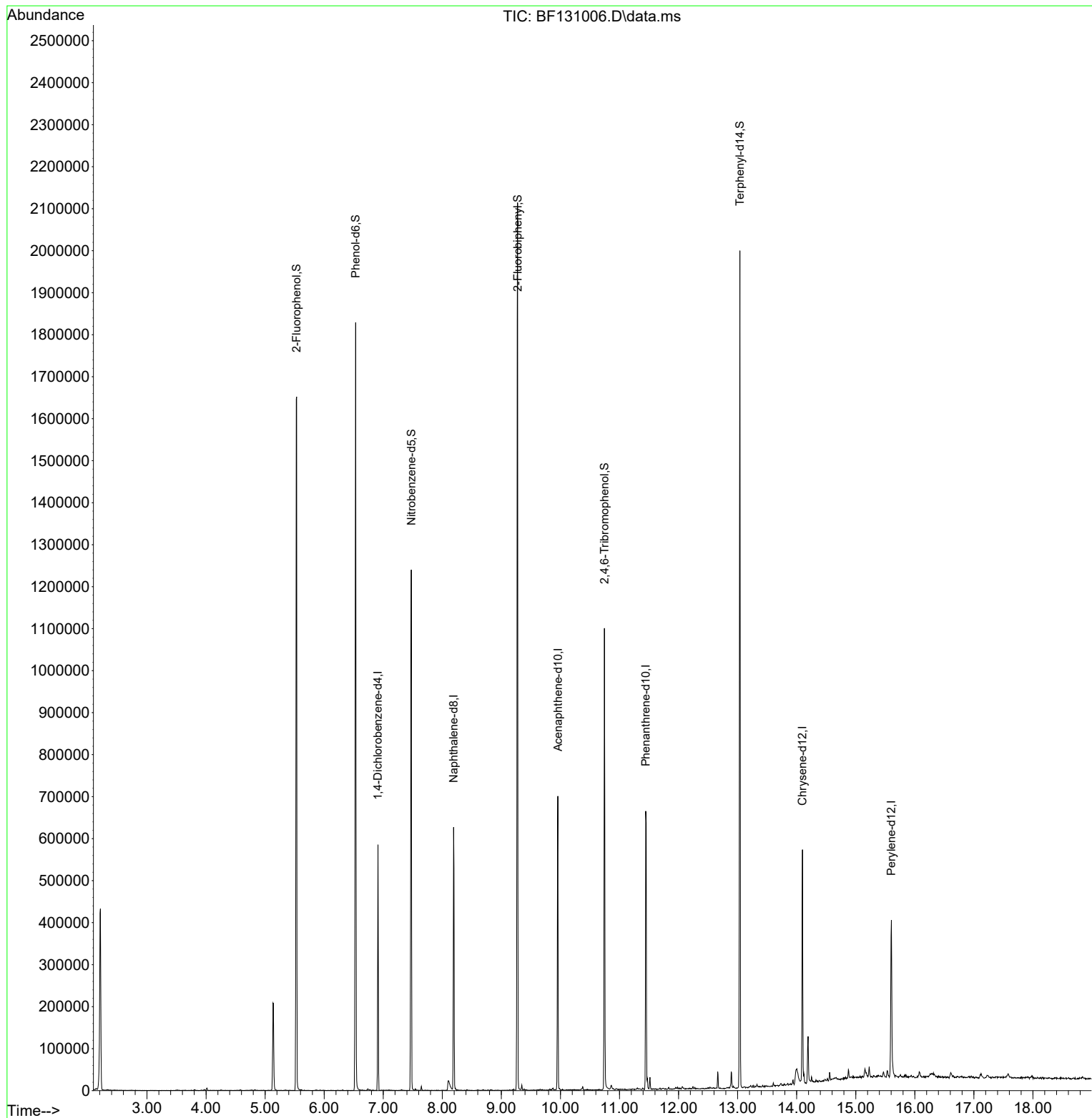
Target Compounds	Qvalue

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

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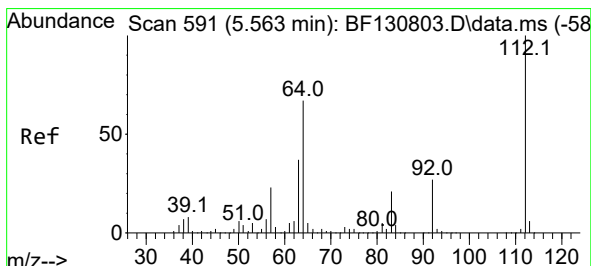
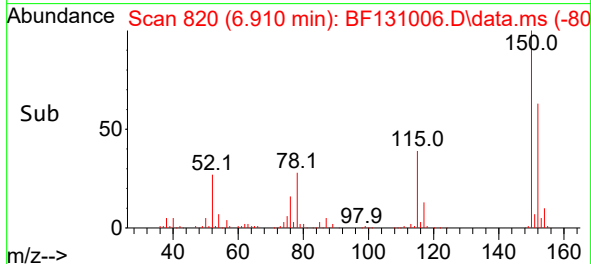
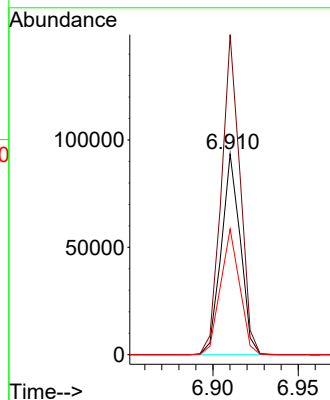
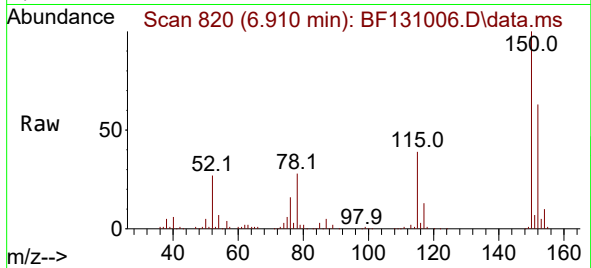




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

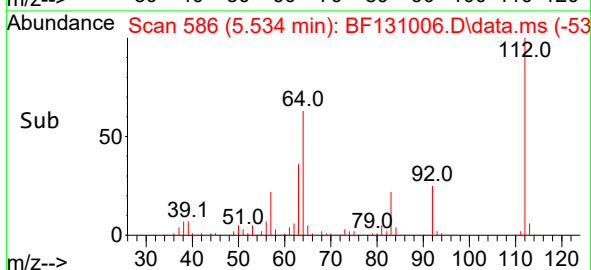
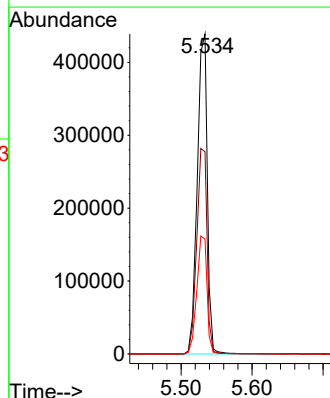
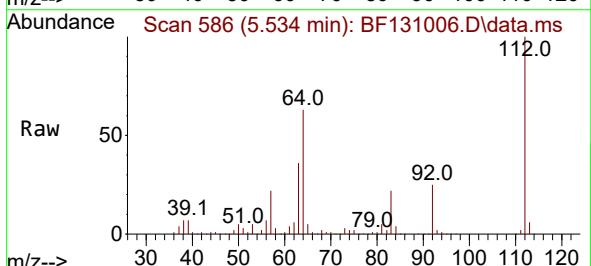
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

Tgt Ion:152 Resp: 72775
Ion Ratio Lower Upper
152 100
150 159.3 124.1 186.1
115 62.6 50.1 75.1



#5
2-Fluorophenol
Concen: 103.146 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:112 Resp: 432997
Ion Ratio Lower Upper
112 100
64 63.2 53.9 80.9
63 35.9 29.4 44.2

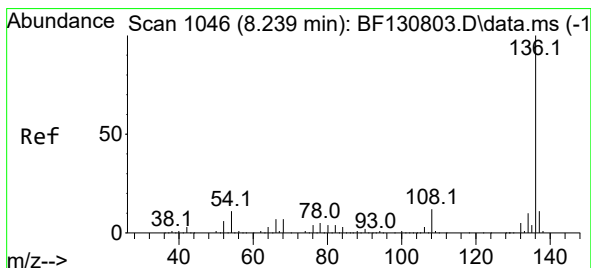
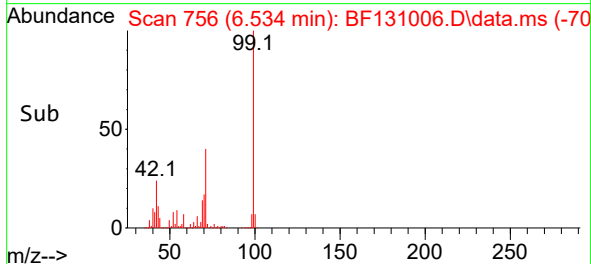
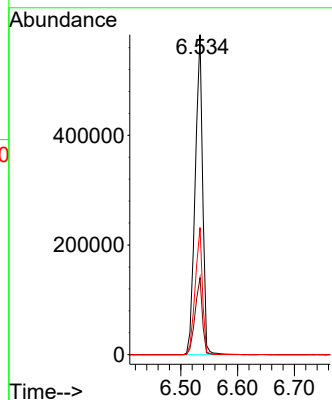
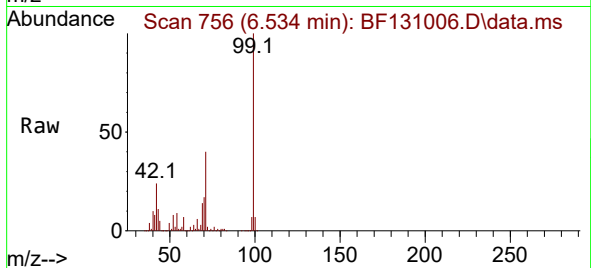




#7
Phenol-d6
Concen: 98.623 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

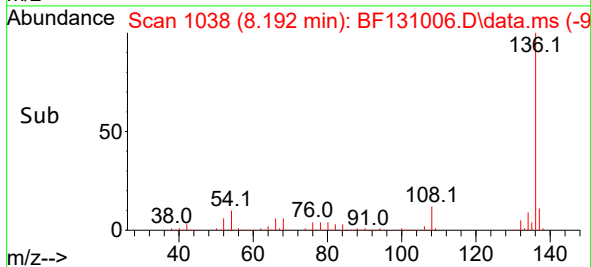
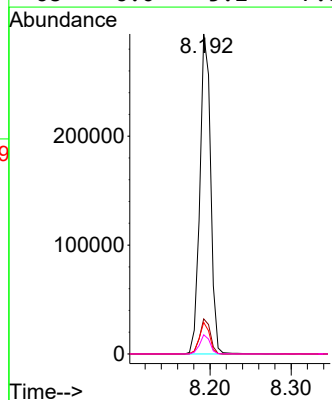
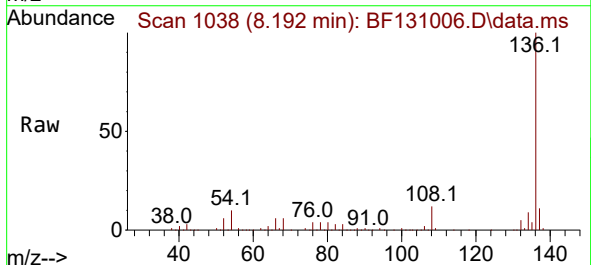
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

Tgt Ion: 99 Resp: 538002
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 39.8 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: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion: 136 Resp: 271521
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.9 8.8 13.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 82.951 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131006.D

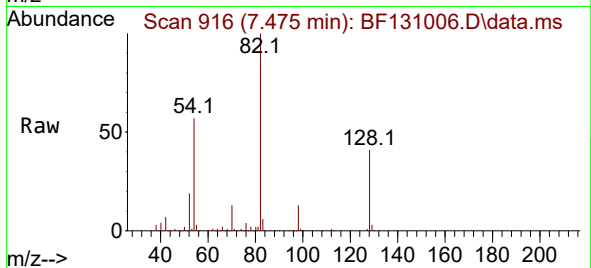
Acq: 04 Nov 2022 23:37

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-2



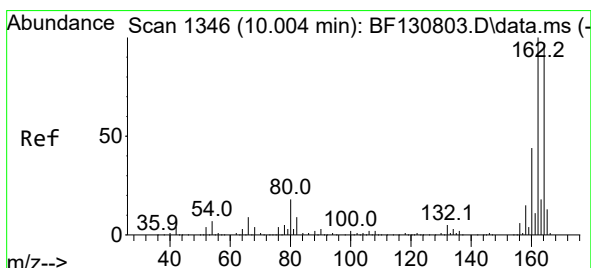
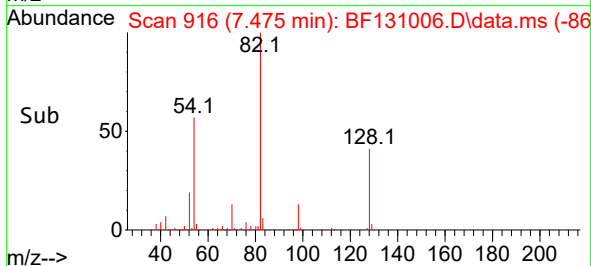
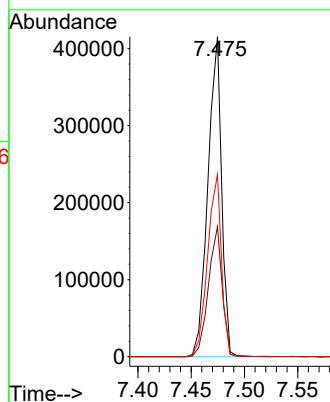
Tgt Ion: 82 Resp: 373520

Ion Ratio Lower Upper

82 100

128 40.6 31.2 46.8

54 56.9 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: BF131006.D

Acq: 04 Nov 2022 23:37

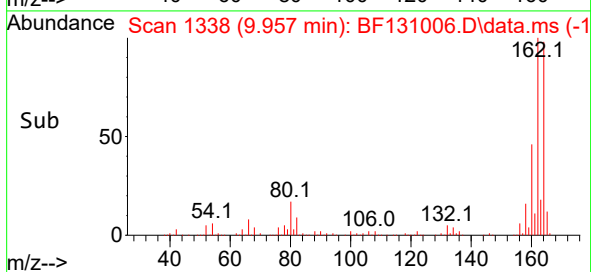
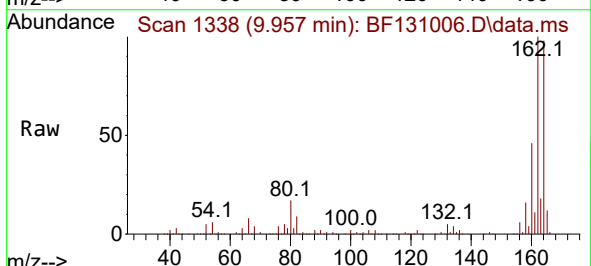
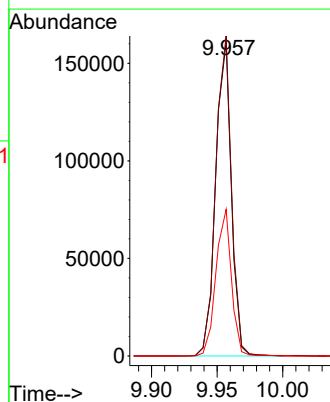
Tgt Ion:164 Resp: 133567

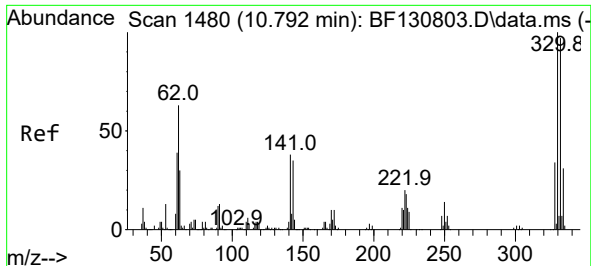
Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 103.010 ng

RT: 10.745 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF131006.D

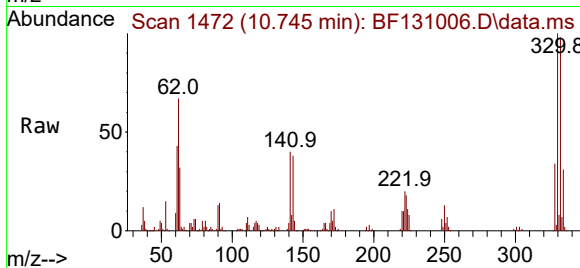
Acq: 04 Nov 2022 23:37

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-2



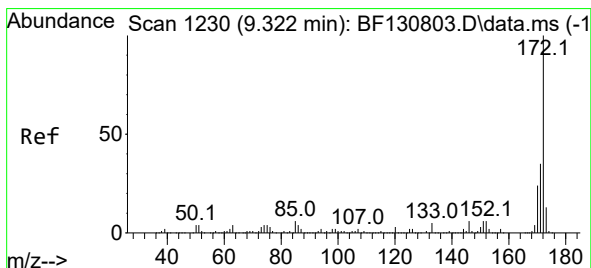
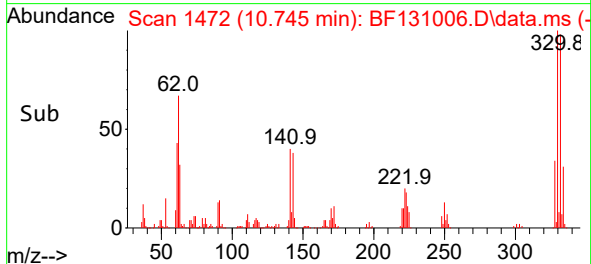
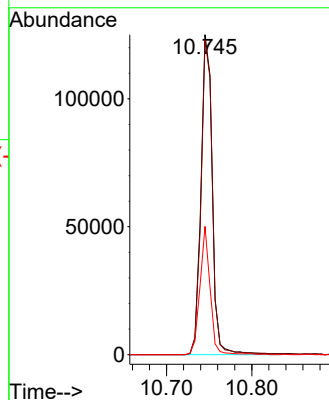
Tgt Ion:330 Resp: 115821

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 36.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 71.841 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131006.D

Acq: 04 Nov 2022 23:37

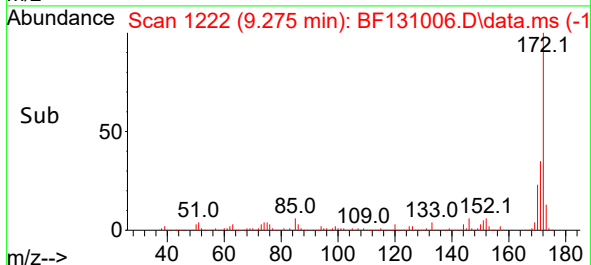
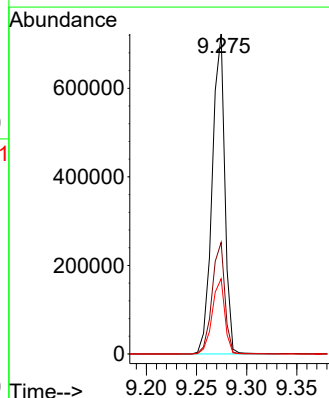
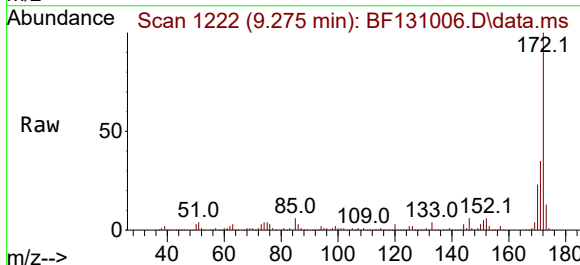
Tgt Ion:172 Resp: 634682

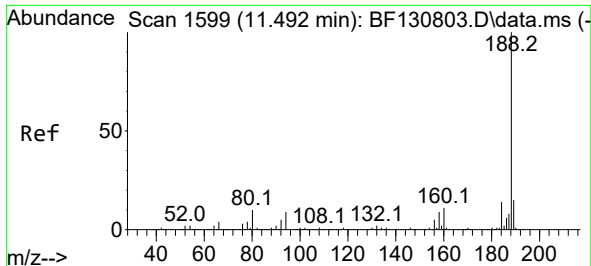
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.5 19.0 28.4

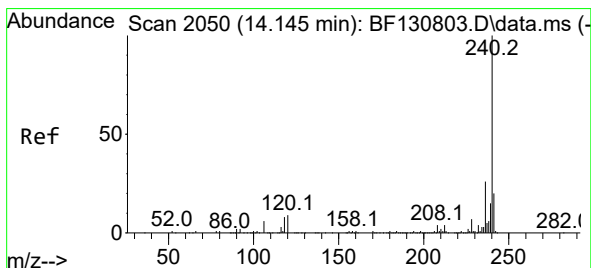
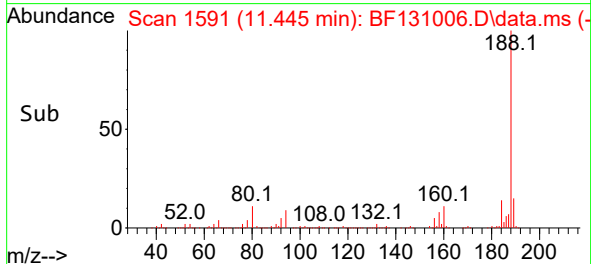
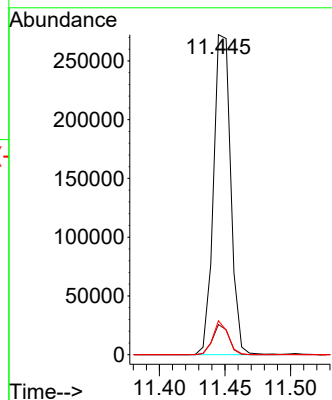
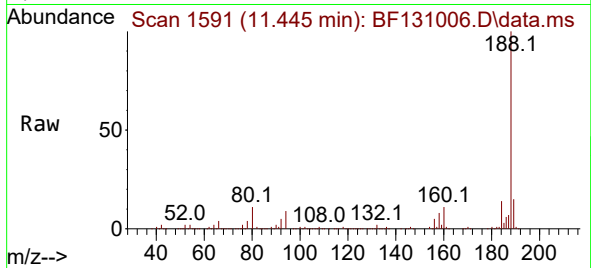




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

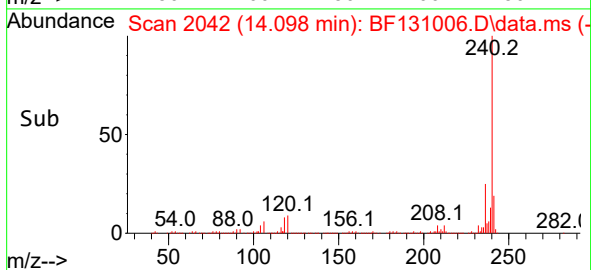
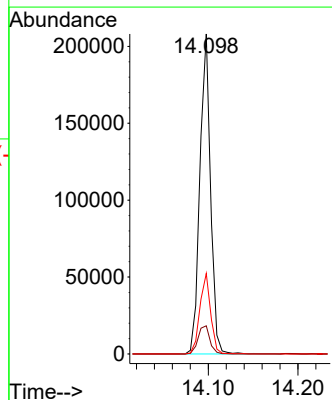
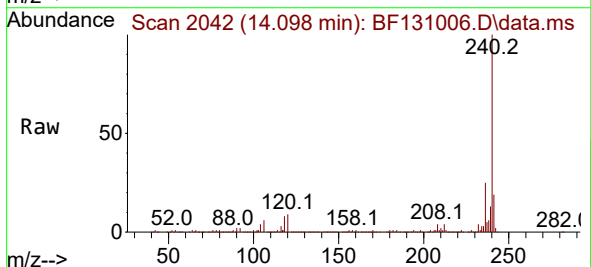
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-2

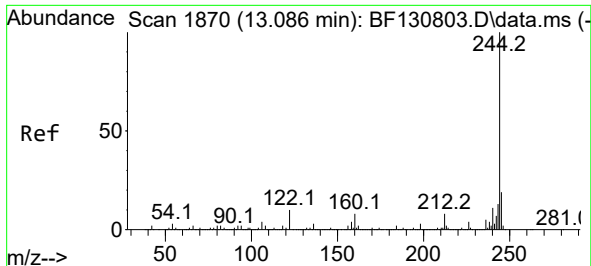
Tgt Ion:188 Resp: 248662
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131006.D
Acq: 04 Nov 2022 23:37

Tgt Ion:240 Resp: 171615
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.2 20.5 30.7

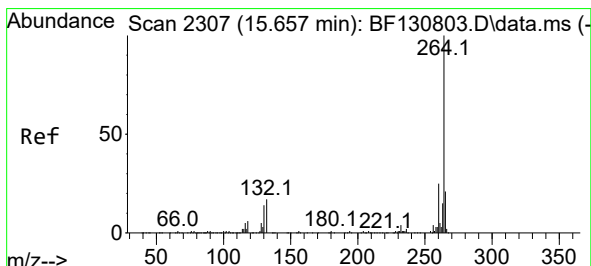
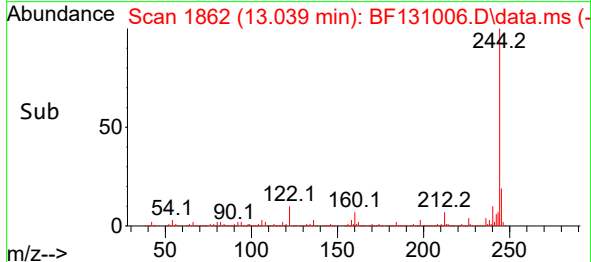
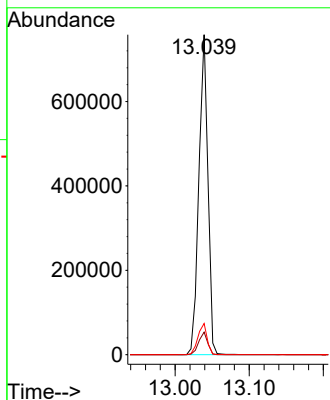
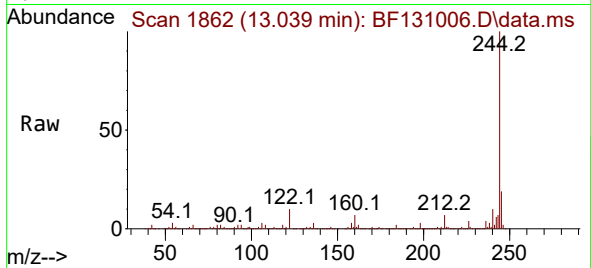




#79
 Terphenyl-d14
 Concen: 68.220 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131006.D
 Acq: 04 Nov 2022 23:37

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-2

Tgt Ion:244 Resp: 638901
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.7 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: BF131006.D
 Acq: 04 Nov 2022 23:37

Tgt Ion:264 Resp: 168692
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.3 17.0 25.6

