

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130997.D
 Acq On : 04 Nov 2022 18:38
 Operator : CG\JU
 Sample : N5418-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-M

Quant Time: Nov 05 00:38:49 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	62673	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	257405	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	138593	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	254914	20.000	ng	0.00
76) Chrysene-d12	14.098	240	169155	20.000	ng	0.00
86) Perylene-d12	15.604	264	145409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	460883	127.486	ng	0.01
7) Phenol-d6	6.540	99	476290	101.383	ng	0.00
23) Nitrobenzene-d5	7.475	82	413895	96.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	162686	139.444	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	701747	76.552	ng	0.00
79) Terphenyl-d14	13.045	244	703814	76.244	ng	0.00

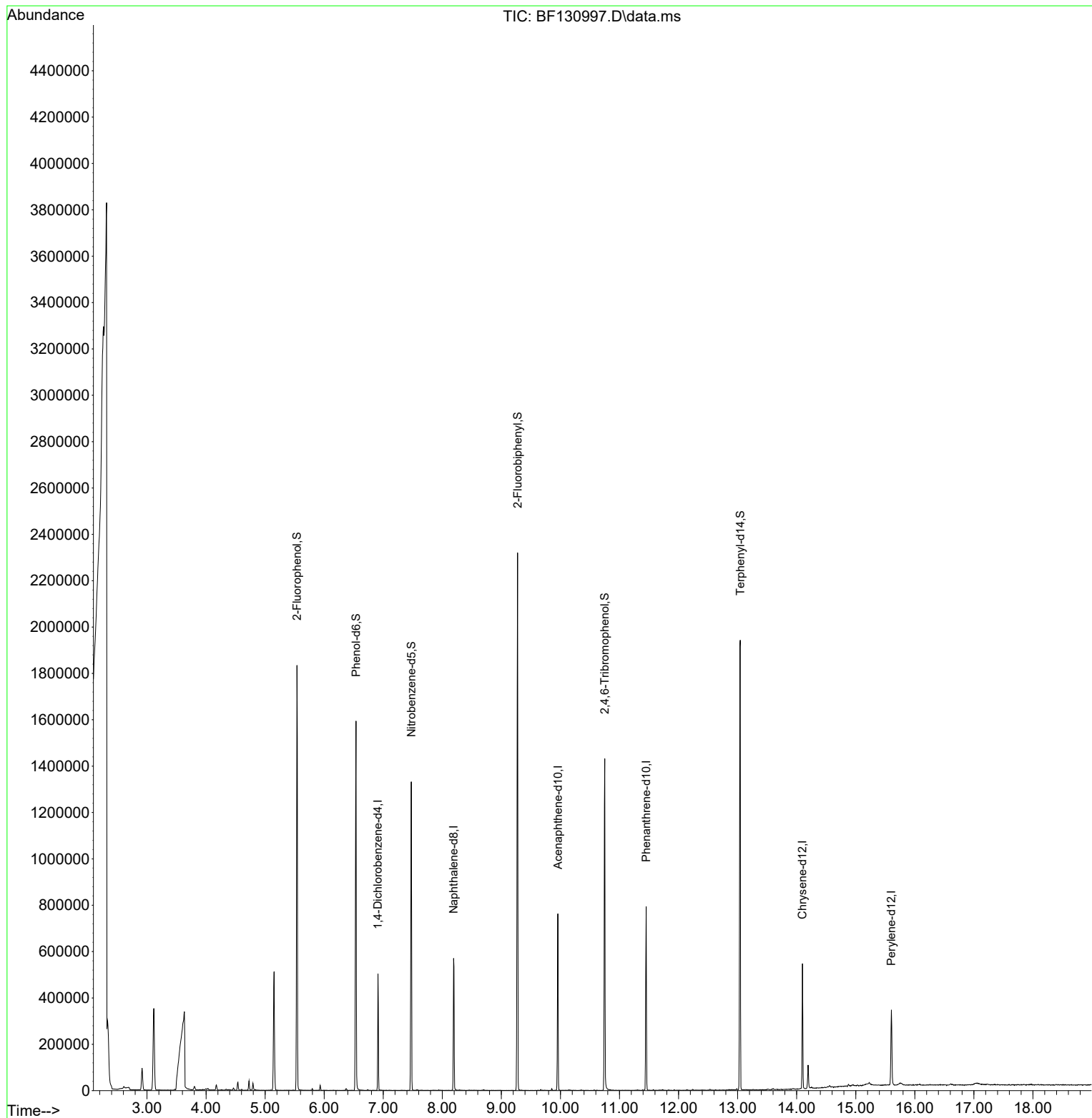
Target Compounds	Qvalue

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

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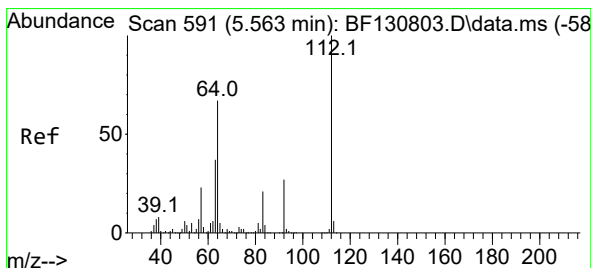
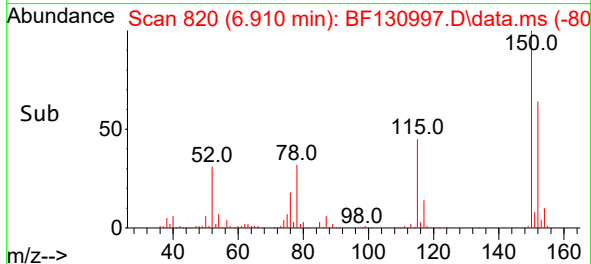
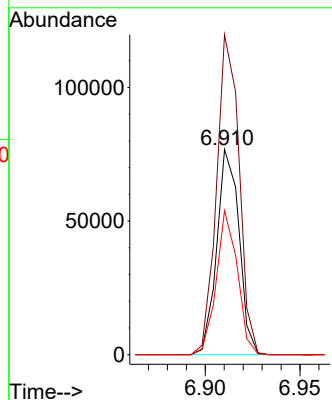
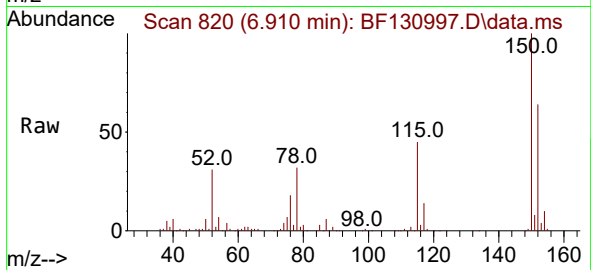




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

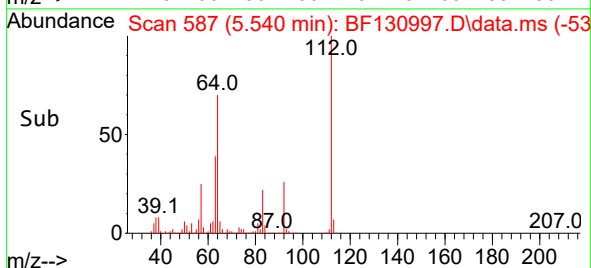
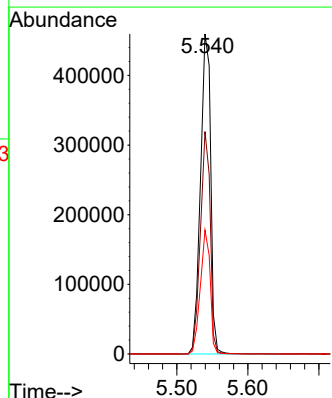
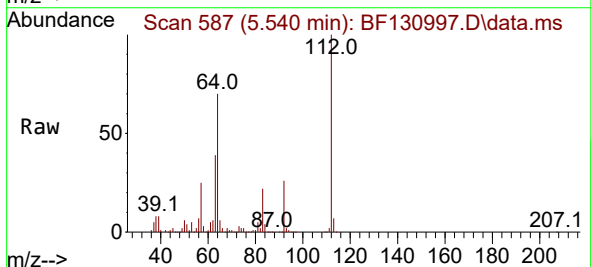
Instrument :
BNA_F
ClientSampleId :
TP-M

Tgt Ion:152 Resp: 62673
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 70.2 50.1 75.1



#5
2-Fluorophenol
Concen: 127.486 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion:112 Resp: 460883
Ion Ratio Lower Upper
112 100
64 69.5 53.9 80.9
63 38.7 29.4 44.2

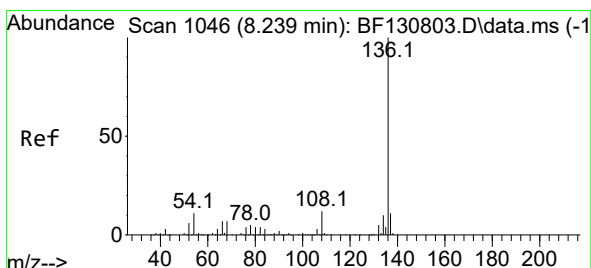
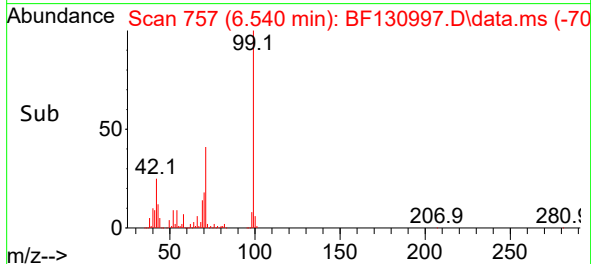
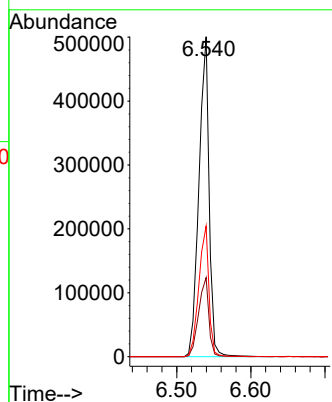
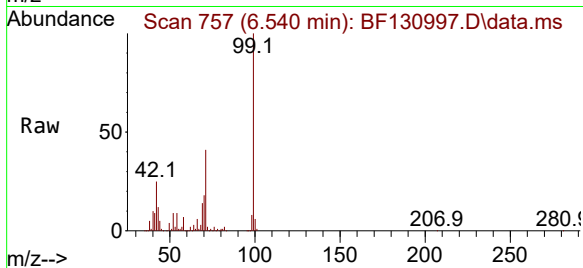




#7
Phenol-d6
Concen: 101.383 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

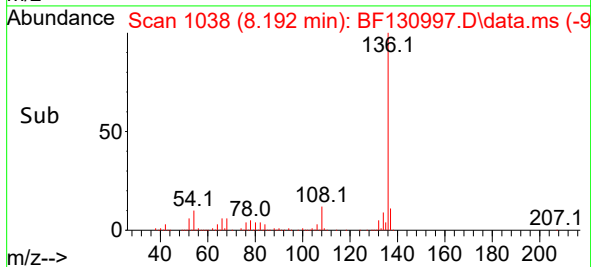
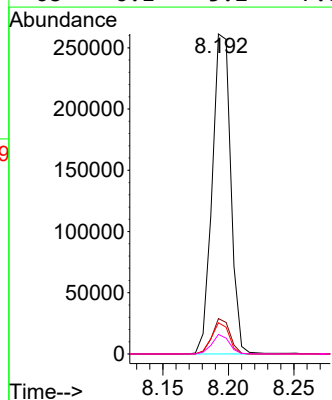
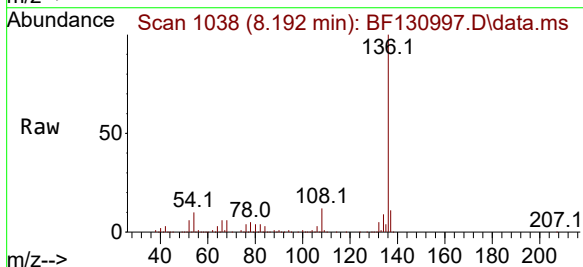
Instrument :
BNA_F
ClientSampleId :
TP-M

Tgt Ion: 99 Resp: 476290
Ion Ratio Lower Upper
99 100
42 24.7 18.8 28.2
71 40.8 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: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion: 136 Resp: 257405
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.8 8.8 13.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 96.958 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M

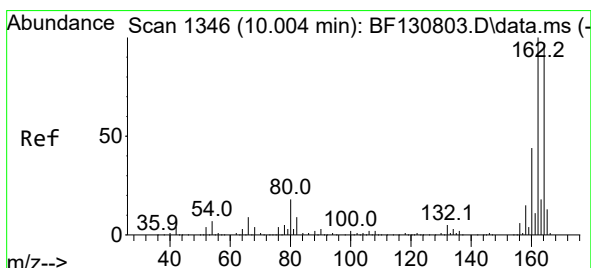
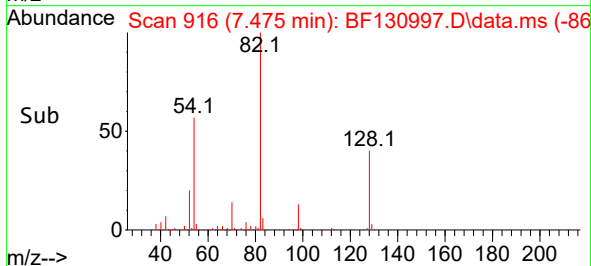
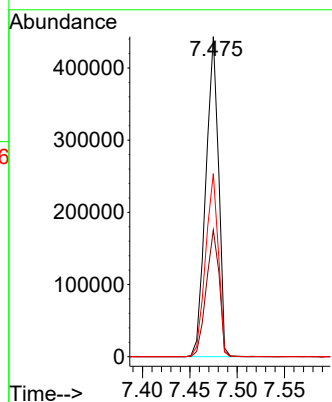
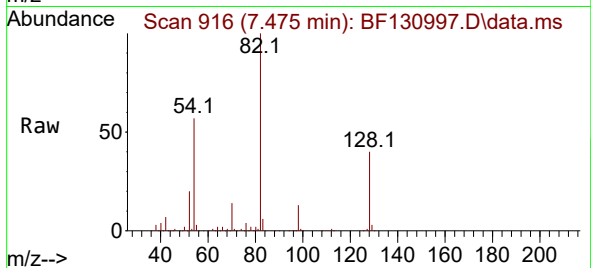
Tgt Ion: 82 Resp: 413895

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 57.2 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: BF130997.D

Acq: 04 Nov 2022 18:38

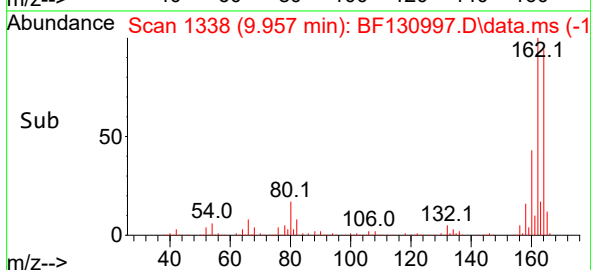
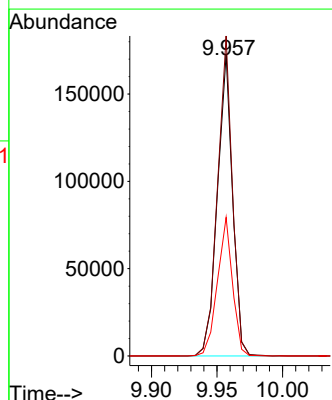
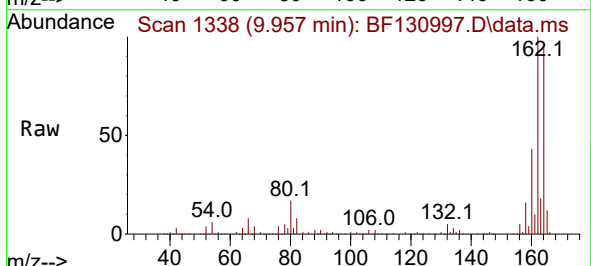
Tgt Ion: 164 Resp: 138593

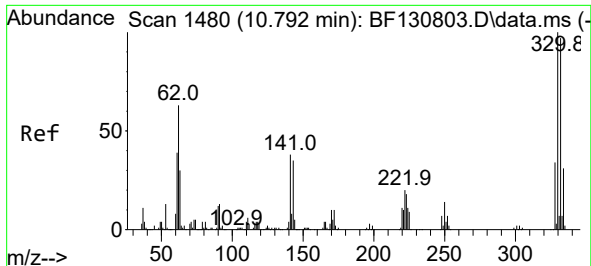
Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.2

160 46.0 36.6 54.8

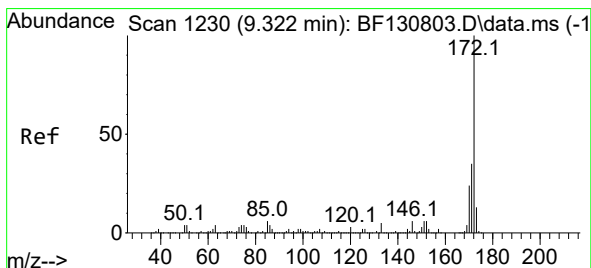
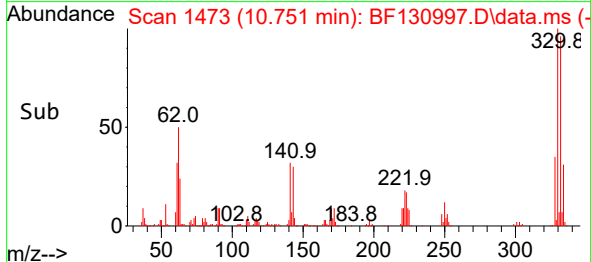
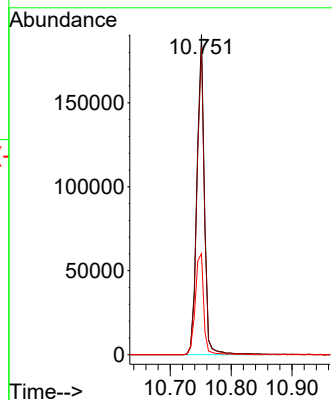
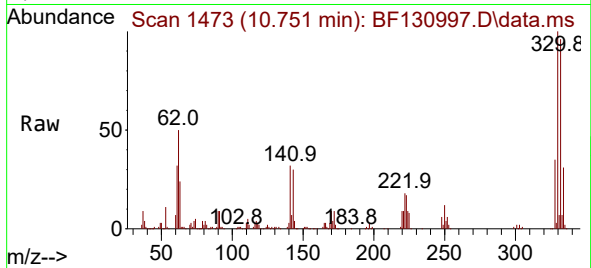




#42
2,4,6-Tribromophenol
Concen: 139.444 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

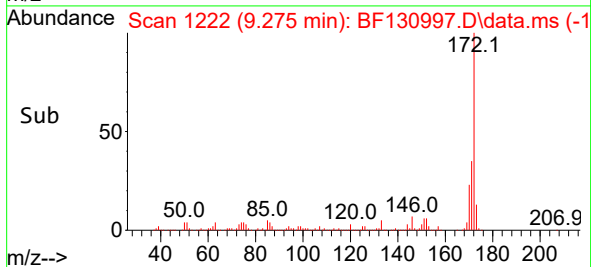
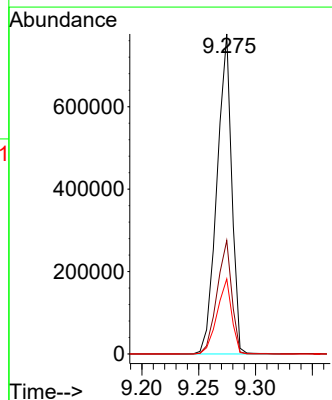
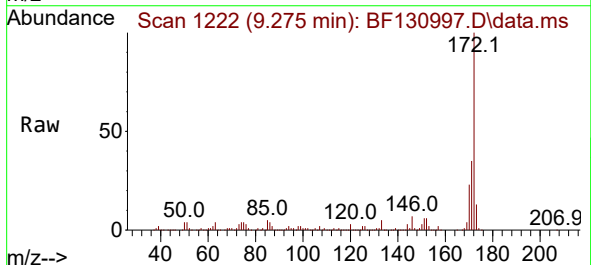
Instrument :
BNA_F
ClientSampleId :
TP-M

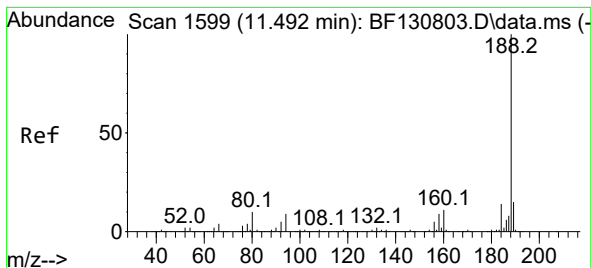
Tgt Ion:330 Resp: 162686
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 35.5 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 76.552 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion:172 Resp: 701747
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M

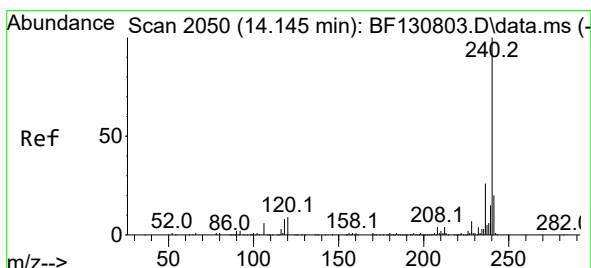
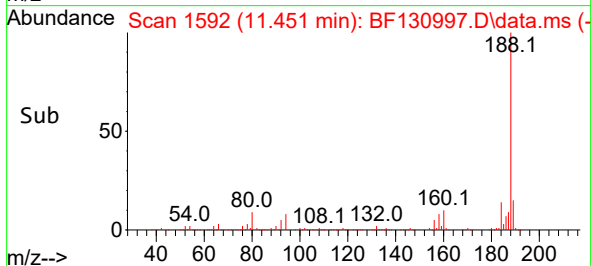
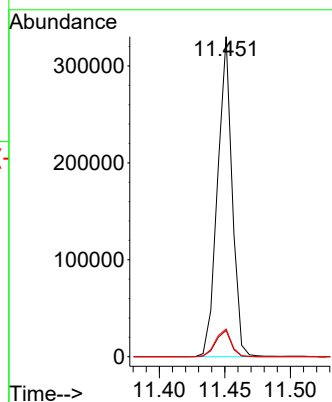
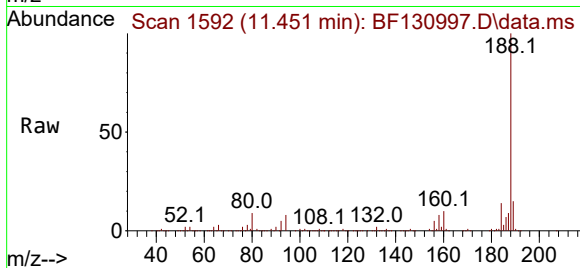
Tgt Ion:188 Resp: 254914

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.6 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: BF130997.D

Acq: 04 Nov 2022 18:38

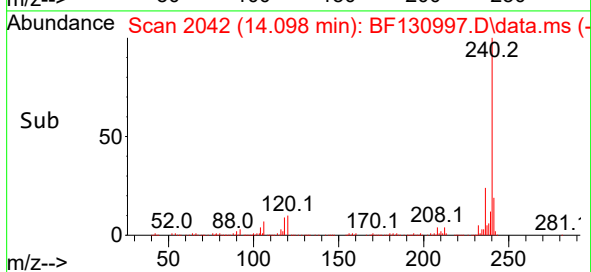
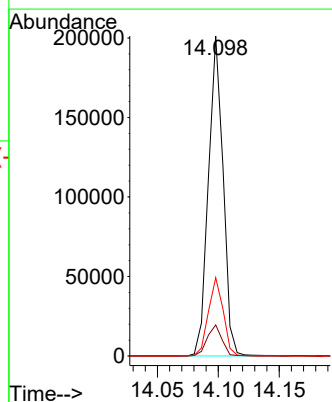
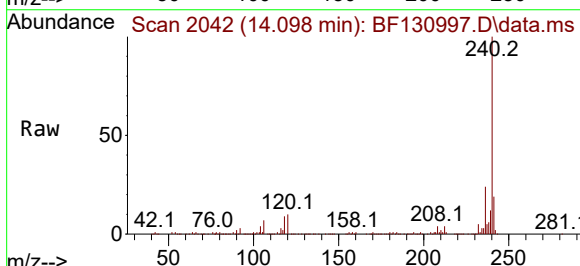
Tgt Ion:240 Resp: 169155

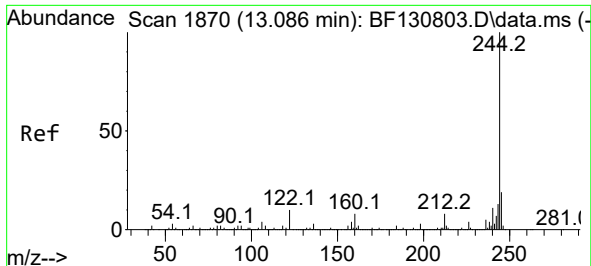
Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.4

236 24.5 20.5 30.7

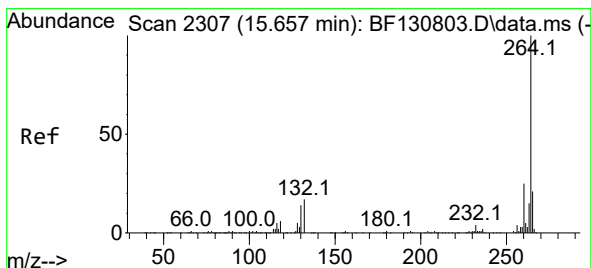
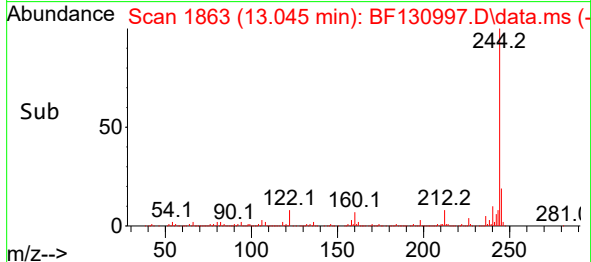
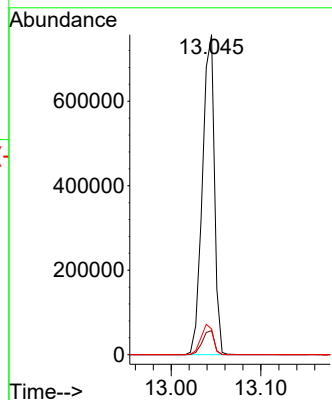
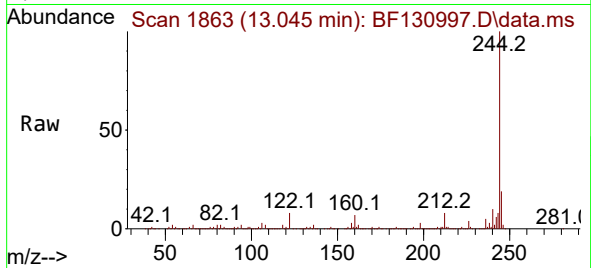




#79
 Terphenyl-d14
 Concen: 76.244 ng
 RT: 13.045 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130997.D
 Acq: 04 Nov 2022 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-M

Tgt Ion:244 Resp: 703814
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.1 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: BF130997.D
 Acq: 04 Nov 2022 18:38

Tgt Ion:264 Resp: 145409
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.0 17.0 25.6

