

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131005.D
 Acq On : 04 Nov 2022 23:04
 Operator : CG\JU
 Sample : N5340-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-102722

Quant Time: Nov 05 00:40:40 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	53270	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	187997	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	91068	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	143500	20.000	ng	0.00
76) Chrysene-d12	14.098	240	122479	20.000	ng	0.00
86) Perylene-d12	15.604	264	126448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	252930	82.313	ng	0.00
7) Phenol-d6	6.528	99	204834	51.297	ng	-0.01
23) Nitrobenzene-d5	7.475	82	403380	129.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	124332	162.184	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	652009	108.245	ng	0.00
79) Terphenyl-d14	13.039	244	587097	87.838	ng	0.00

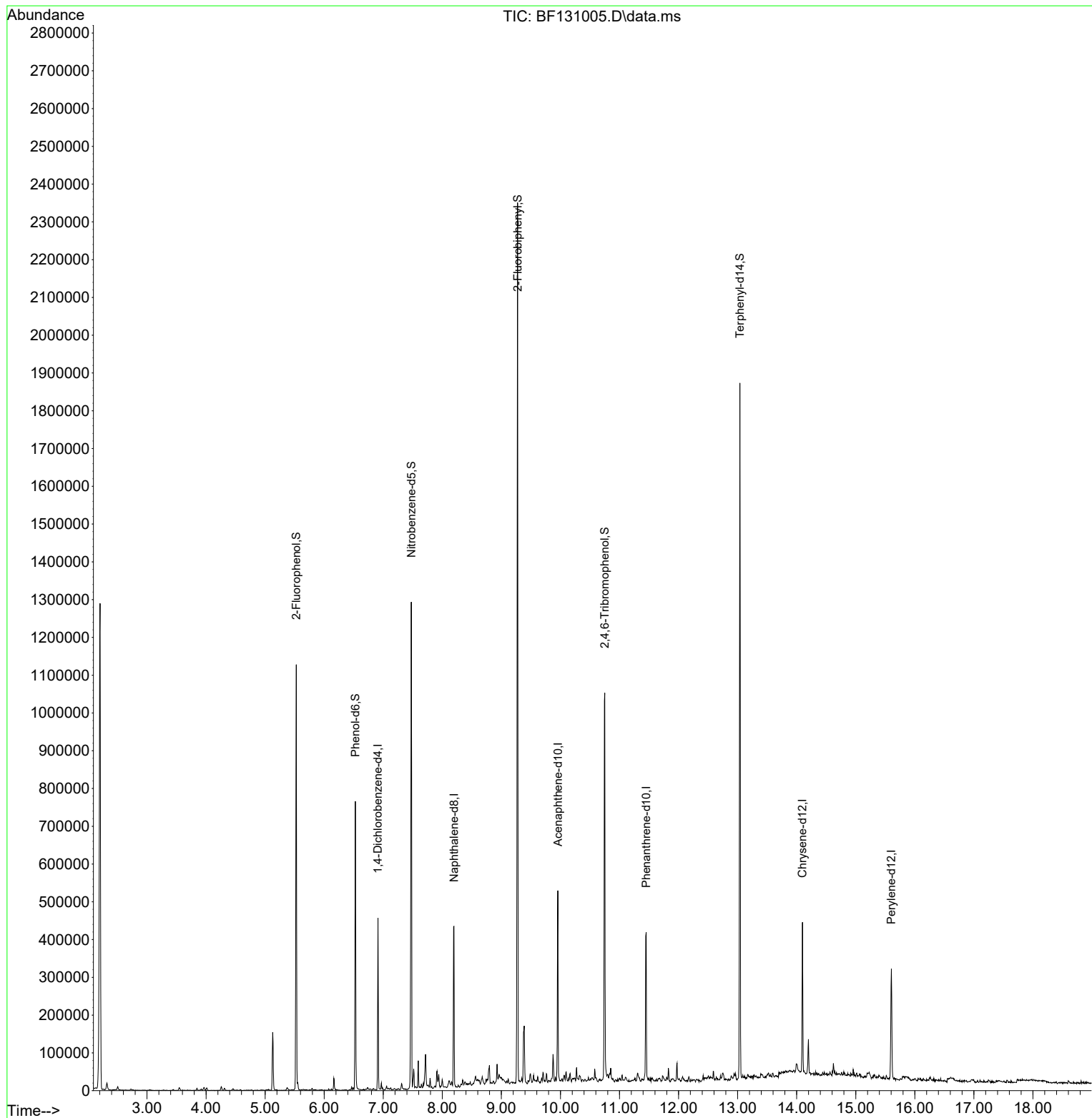
Target Compounds	Qvalue

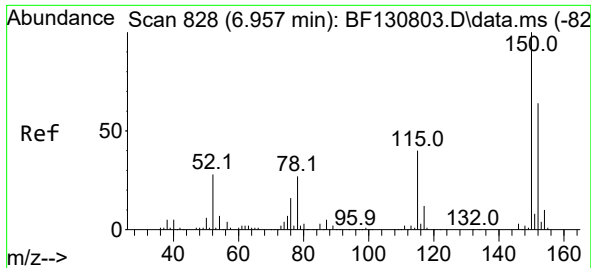
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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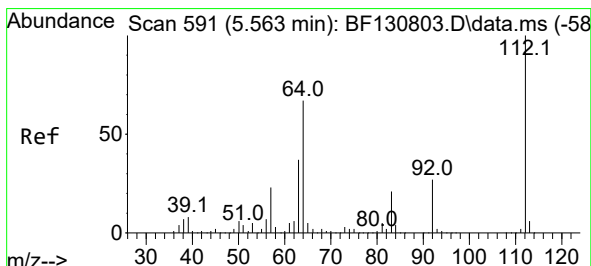
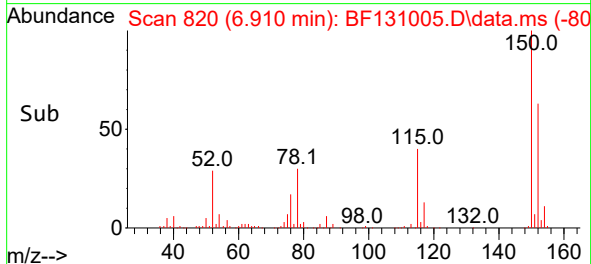
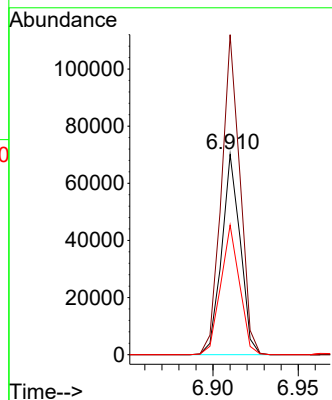
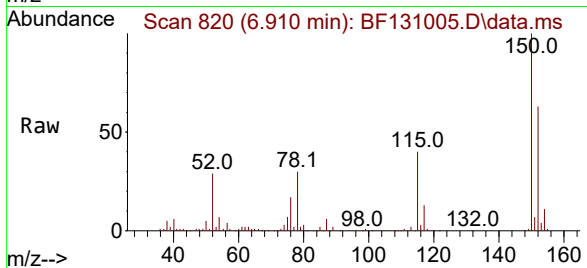




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

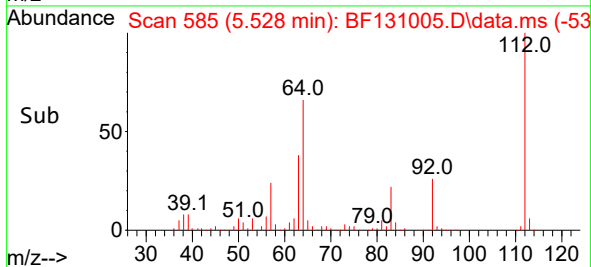
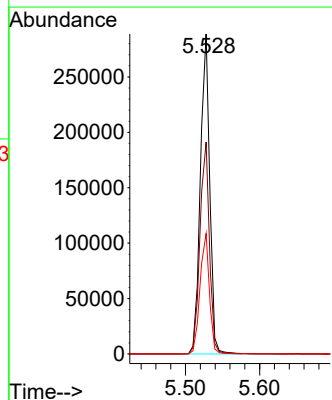
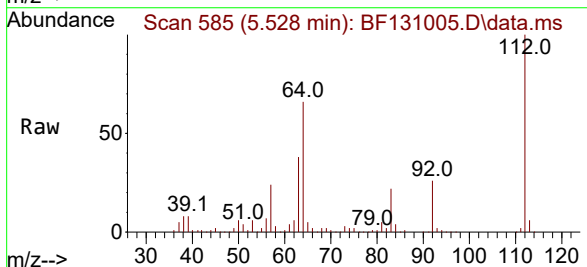
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

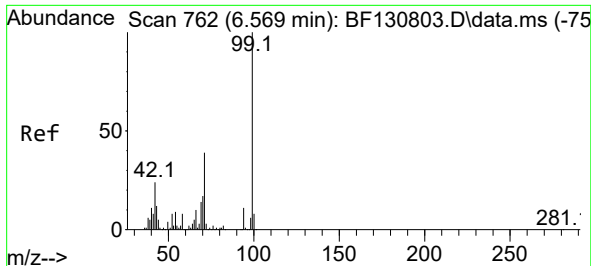
Tgt Ion:152 Resp: 53270
Ion Ratio Lower Upper
152 100
150 159.7 124.1 186.1
115 64.6 50.1 75.1



#5
2-Fluorophenol
Concen: 82.313 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:112 Resp: 252930
Ion Ratio Lower Upper
112 100
64 66.2 53.9 80.9
63 37.6 29.4 44.2

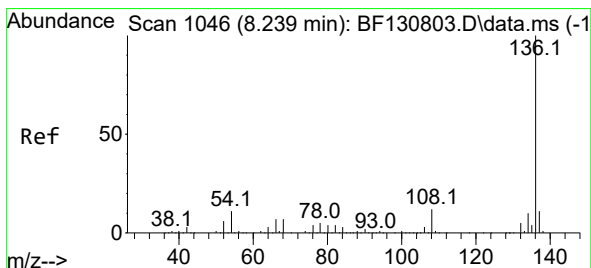
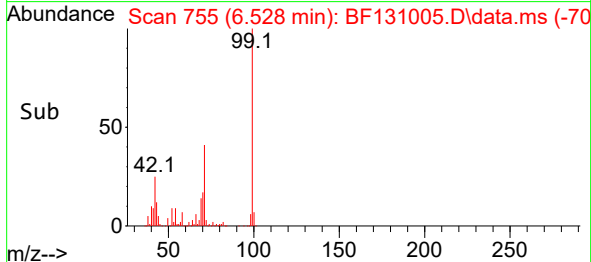
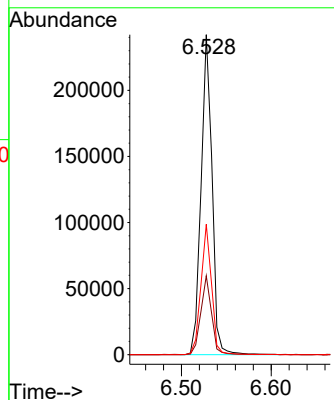
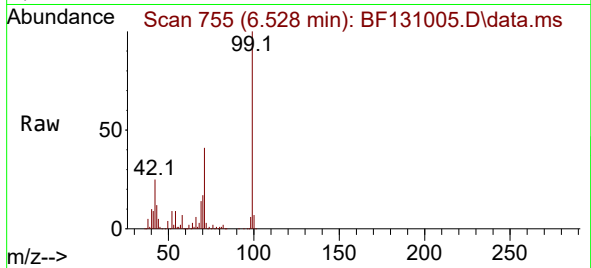




#7
Phenol-d6
Concen: 51.297 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

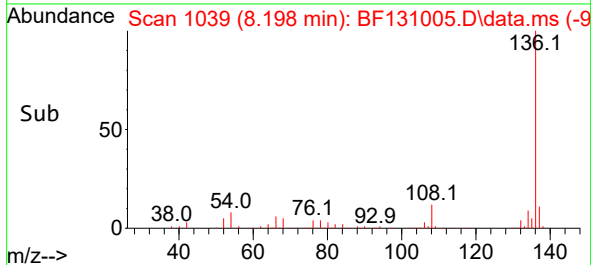
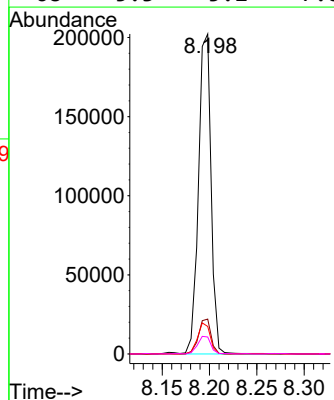
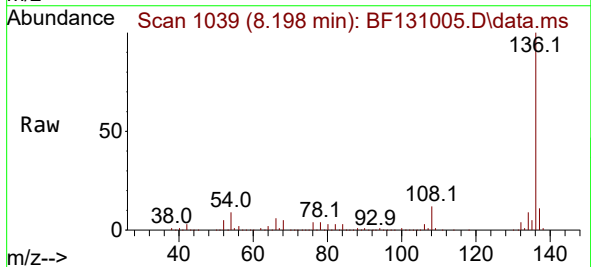
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

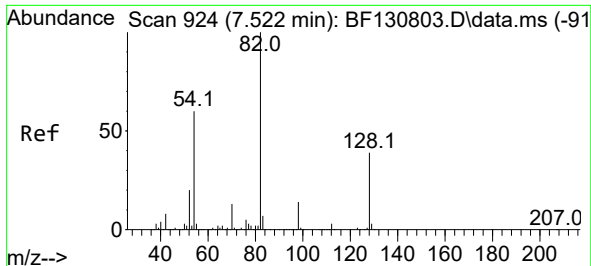
Tgt Ion: 99 Resp: 204834
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 40.7 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion: 136 Resp: 187997
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.6 8.8 13.2#
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 129.382 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131005.D

Acq: 04 Nov 2022 23:04

Instrument :

BNA_F

ClientSampleId :

MW-8-102722

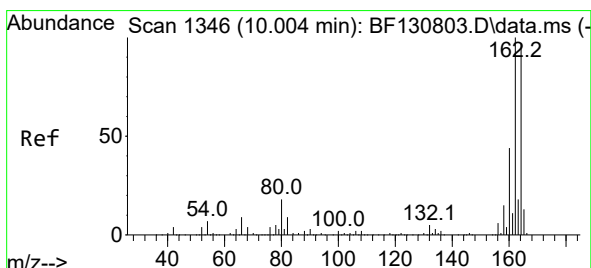
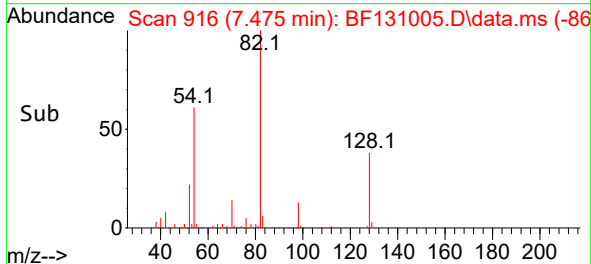
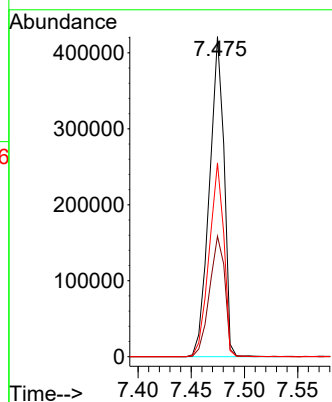
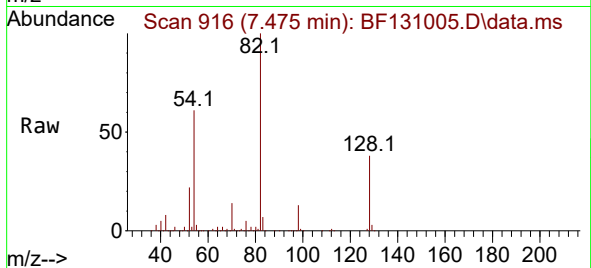
Tgt Ion: 82 Resp: 403380

Ion Ratio Lower Upper

82 100

128 37.6 31.2 46.8

54 60.6 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: BF131005.D

Acq: 04 Nov 2022 23:04

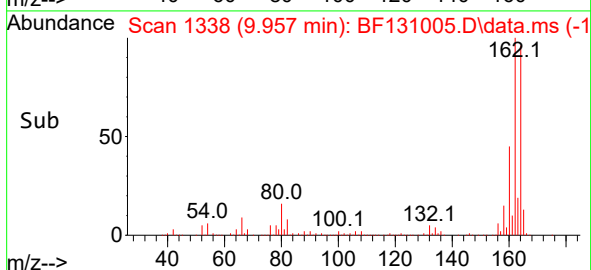
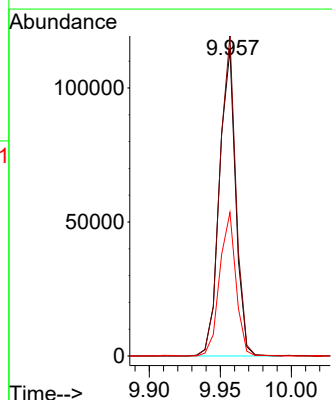
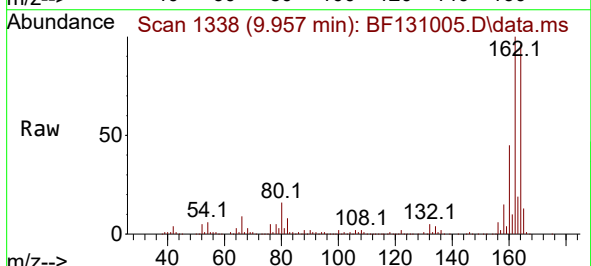
Tgt Ion:164 Resp: 91068

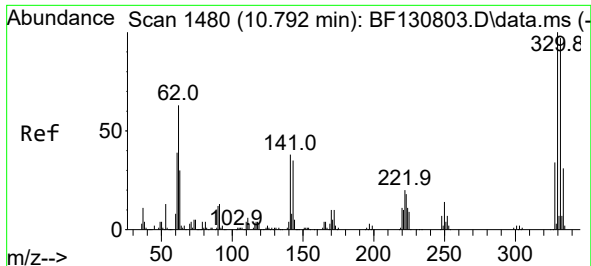
Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.2

160 46.8 36.6 54.8

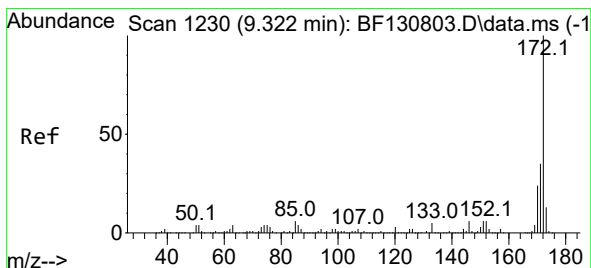
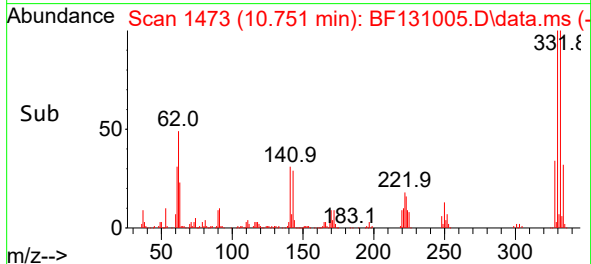
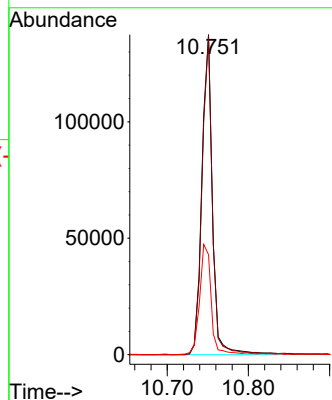
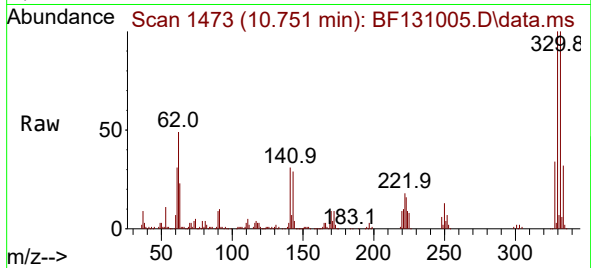




#42
2,4,6-Tribromophenol
Concen: 162.184 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

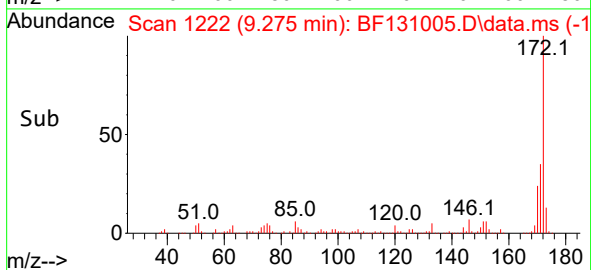
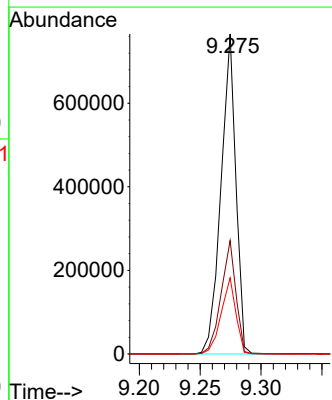
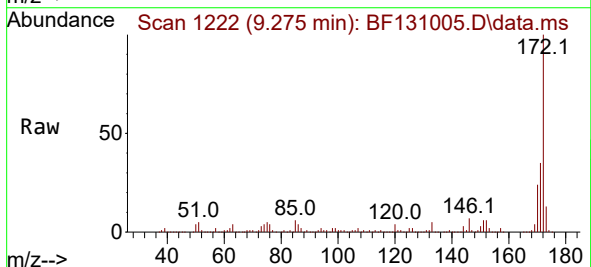
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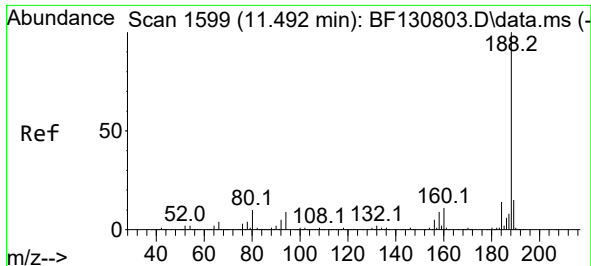
Tgt Ion:330 Resp: 124332
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 38.0 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 108.245 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:172 Resp: 652009
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.8 19.0 28.4

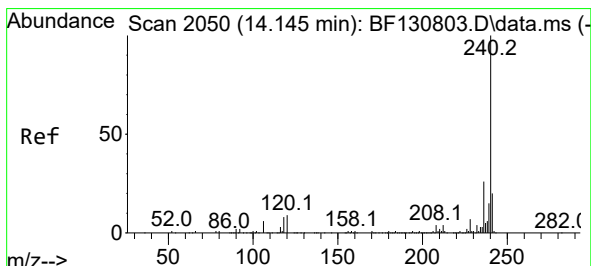
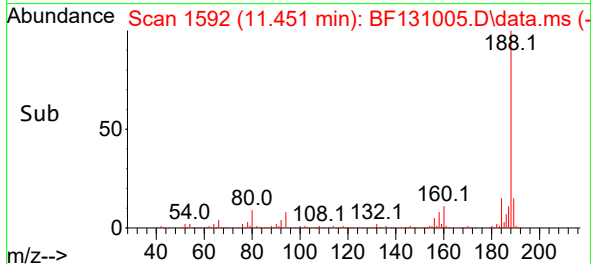
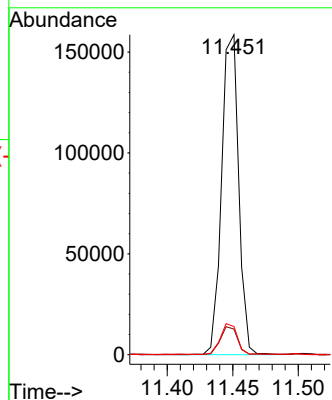
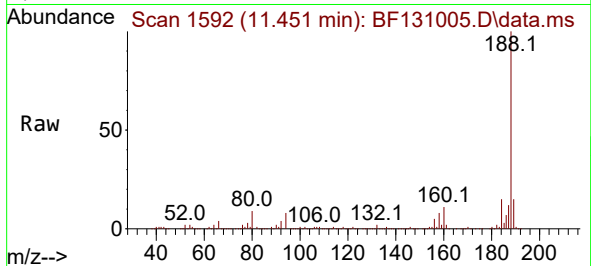




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

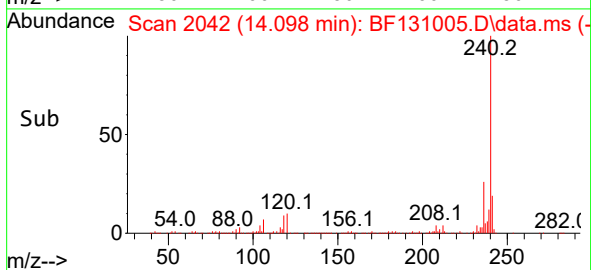
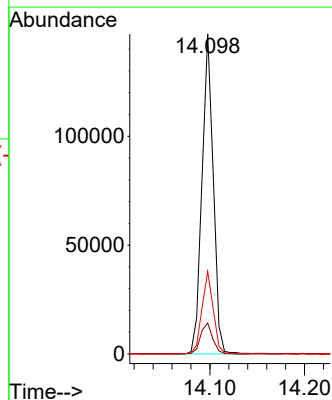
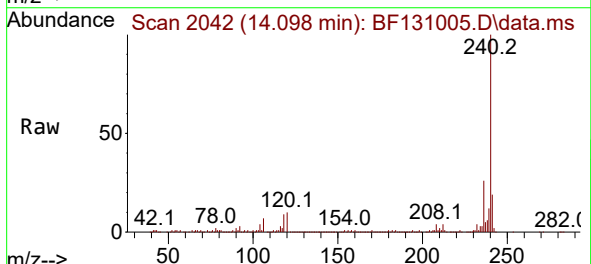
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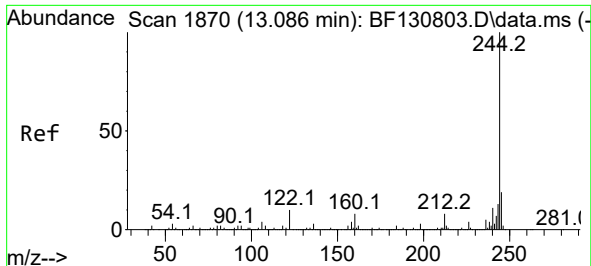
Tgt Ion:188 Resp: 143500
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131005.D
Acq: 04 Nov 2022 23:04

Tgt Ion:240 Resp: 122479
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.4
236 25.7 20.5 30.7

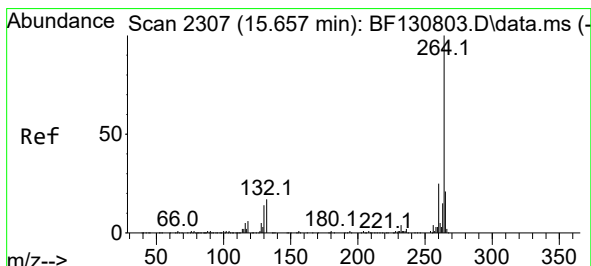
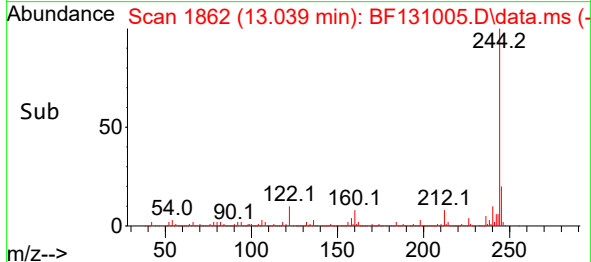
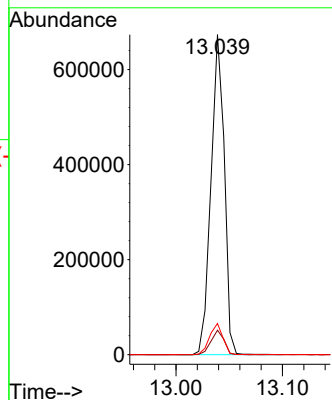
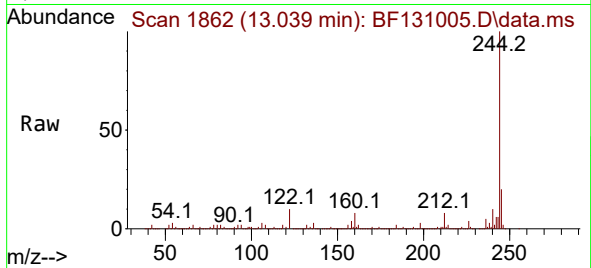




#79
 Terphenyl-d14
 Concen: 87.838 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131005.D
 Acq: 04 Nov 2022 23:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-102722

Tgt Ion:244 Resp: 587097
 Ion Ratio Lower Upper
 244 100
 212 7.7 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: BF131005.D
 Acq: 04 Nov 2022 23:04

Tgt Ion:264 Resp: 126448
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.9 29.9
 265 20.7 17.0 25.6

