

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130840.D
 Acq On : 28 Oct 2022 23:59
 Operator : CG\JU
 Sample : N5267-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024

Quant Time: Oct 29 05:47:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	104365	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	399111	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	220634	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	406304	20.000	ng	0.00
76) Chrysene-d12	14.127	240	281022	20.000	ng	0.00
86) Perylene-d12	15.639	264	218623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	788696	131.011	ng	0.02
7) Phenol-d6	6.563	99	960043	122.719	ng	0.00
23) Nitrobenzene-d5	7.510	82	714371	107.929	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	321786	173.255	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1331367	91.231	ng	0.00
79) Terphenyl-d14	13.074	244	1497804	97.667	ng	0.00

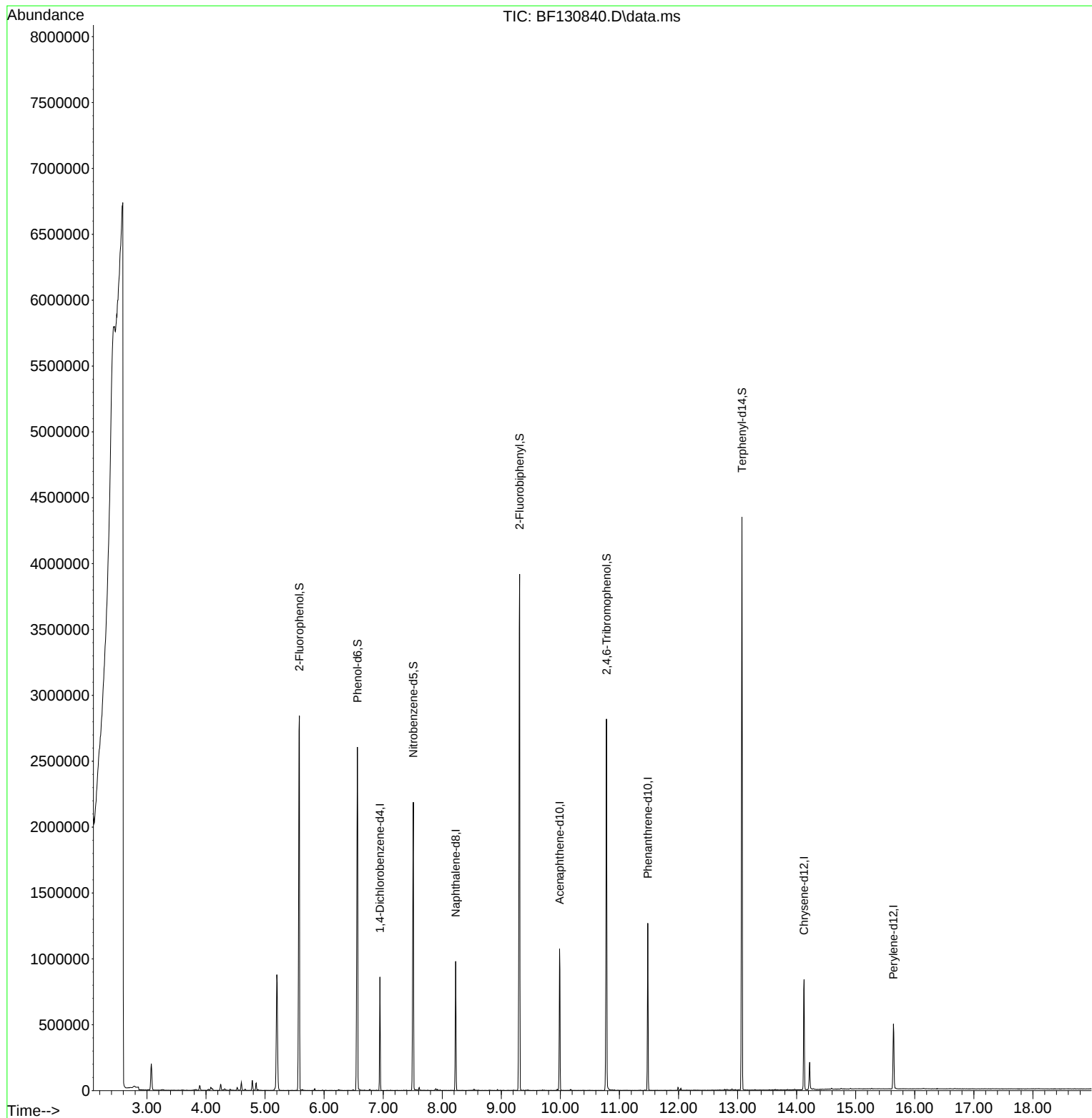
Target Compounds Qvalue

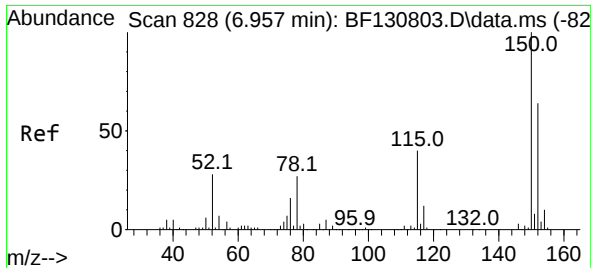
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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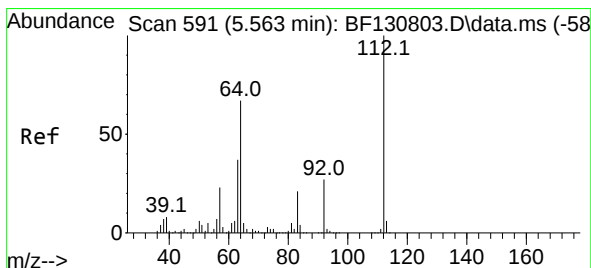
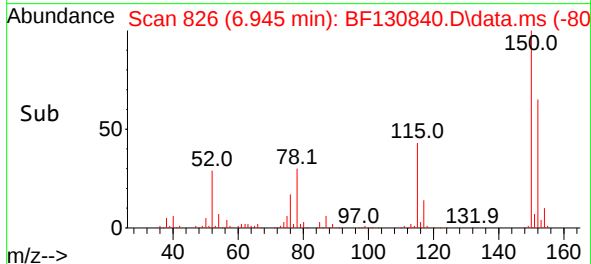
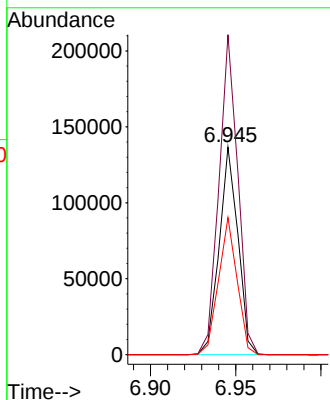
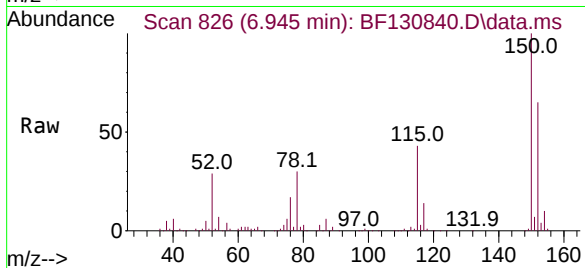




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130840.D
 Acq: 28 Oct 2022 23:59

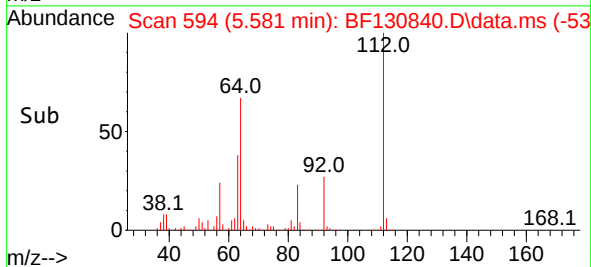
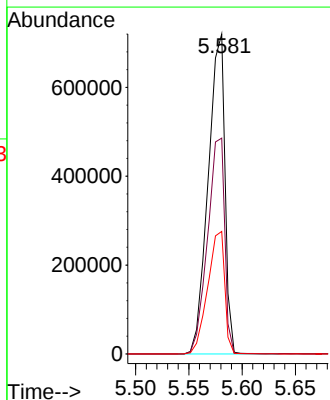
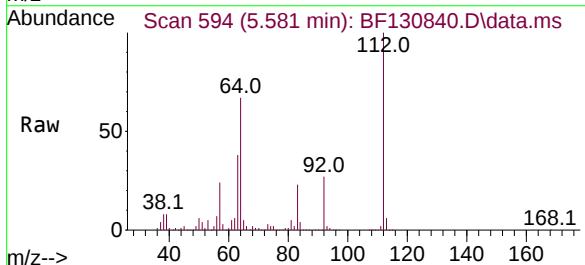
Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024

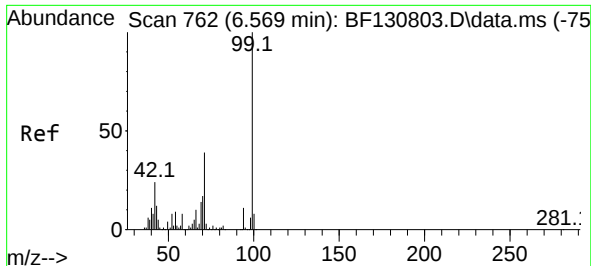
Tgt Ion:152 Resp: 104365
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.1 186.1
 115 66.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 131.011 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.024 min
 Lab File: BF130840.D
 Acq: 28 Oct 2022 23:59

Tgt Ion:112 Resp: 788696
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.9 80.9
 63 38.3 29.4 44.2

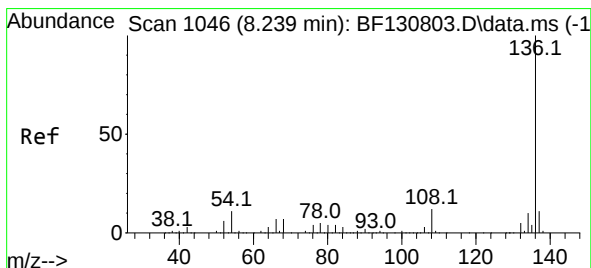
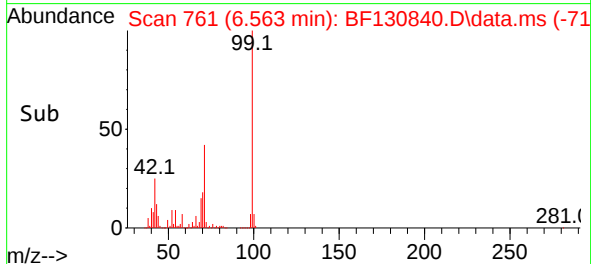
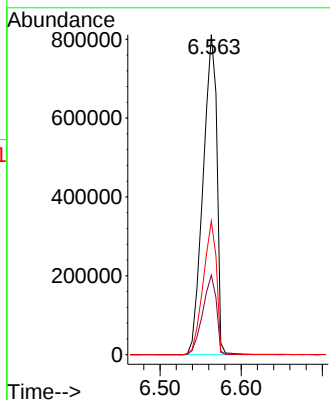
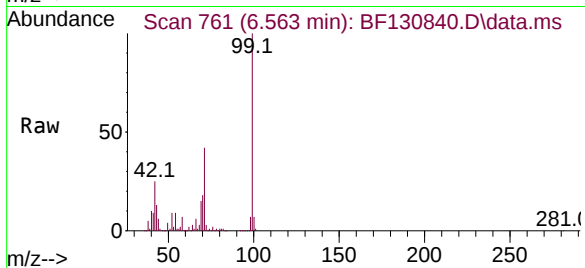




#7
Phenol-d6
Concen: 122.719 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

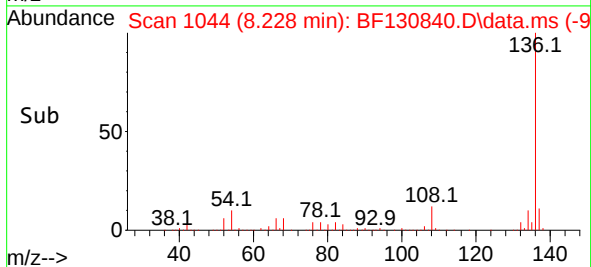
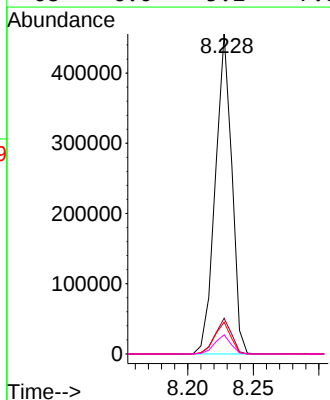
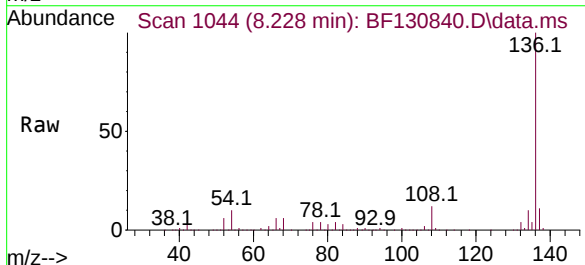
Instrument :
BNA_F
ClientSampleId :
TP5-1024

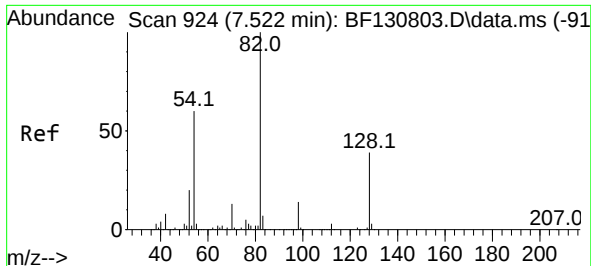
Tgt Ion: 99 Resp: 960043
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 41.7 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion: 136 Resp: 399111
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.9 8.8 13.2
68 6.0 5.2 7.8

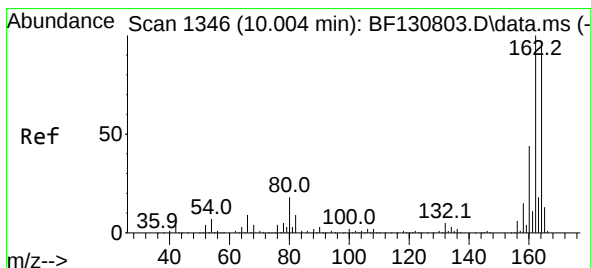
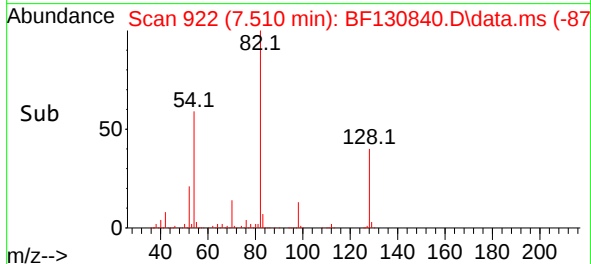
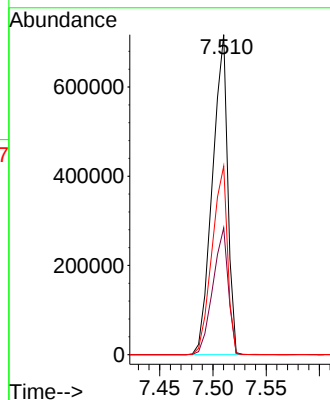
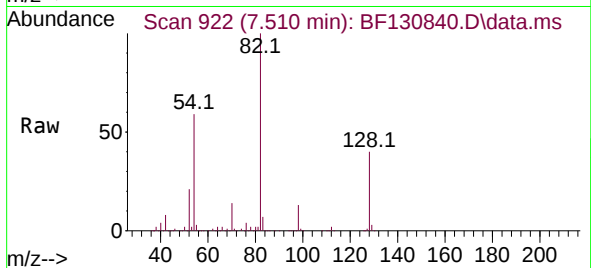




#23
Nitrobenzene-d5
Concen: 107.929 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

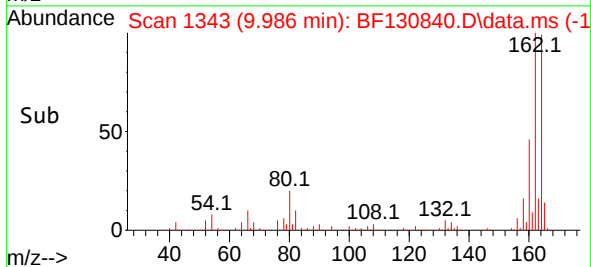
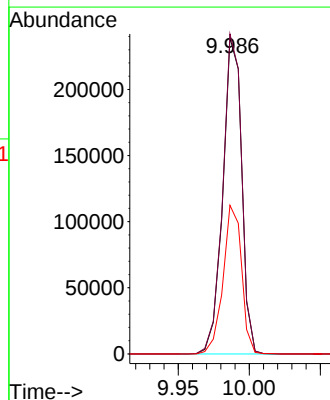
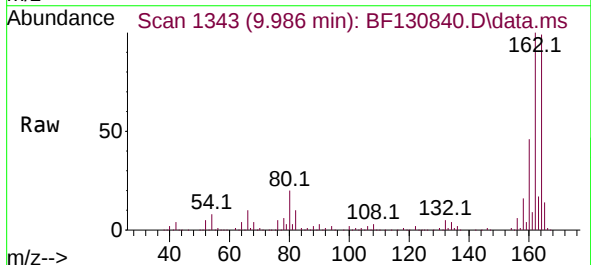
Instrument :
BNA_F
ClientSampleId :
TP5-1024

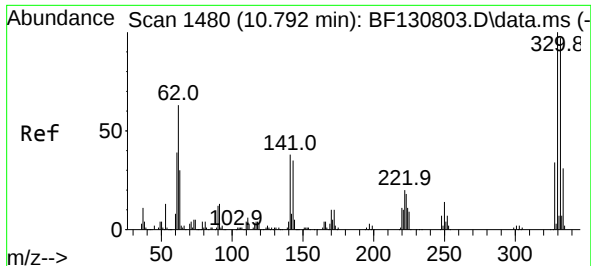
Tgt Ion: 82 Resp: 714371
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 58.9 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion:164 Resp: 220634
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 47.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 173.255 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130840.D

Acq: 28 Oct 2022 23:59

Instrument :

BNA_F

ClientSampleId :

TP5-1024

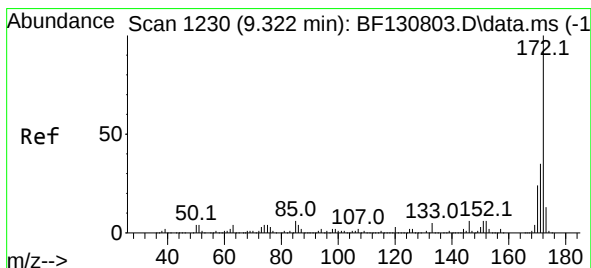
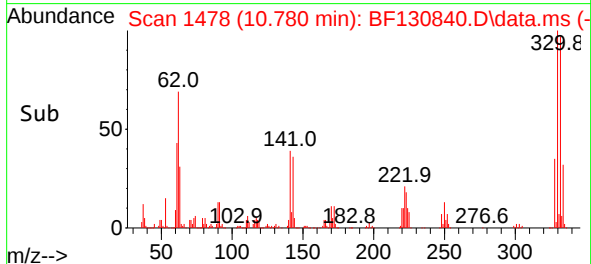
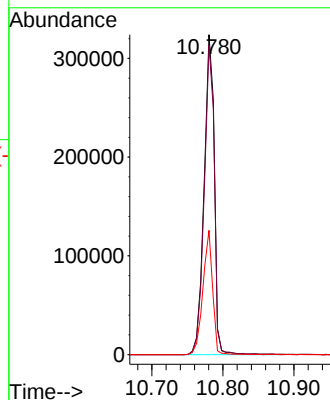
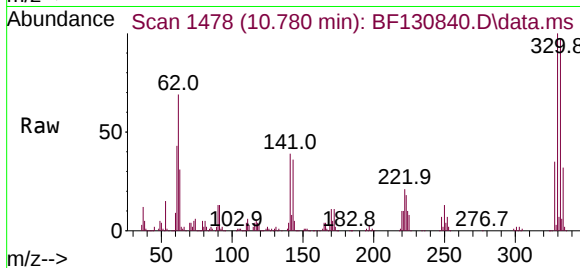
Tgt Ion:330 Resp: 321786

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 36.8 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 91.231 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130840.D

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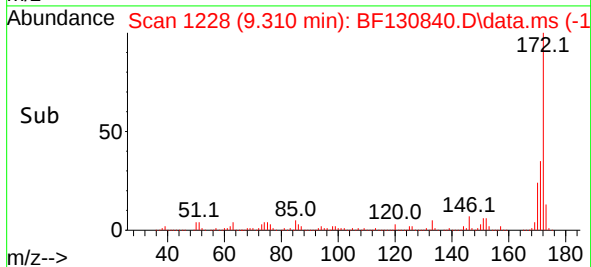
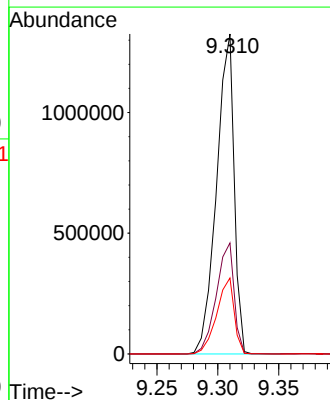
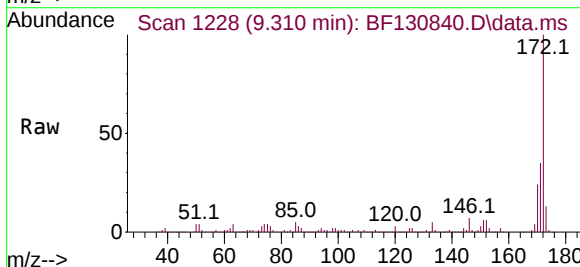
Tgt Ion:172 Resp: 1331367

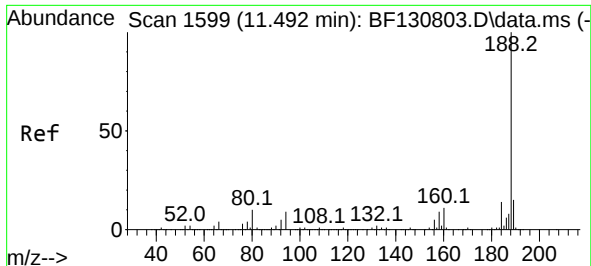
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.7 19.0 28.4

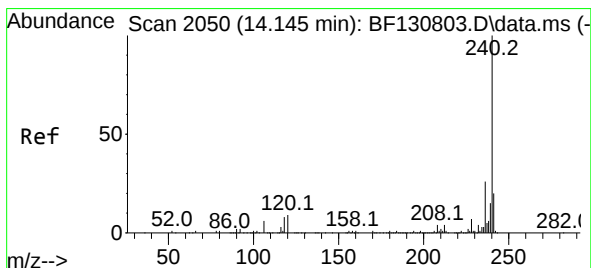
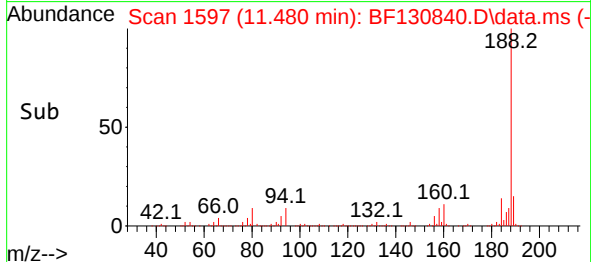
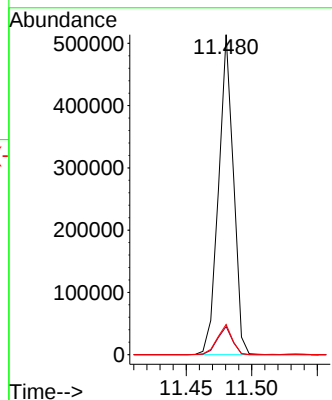
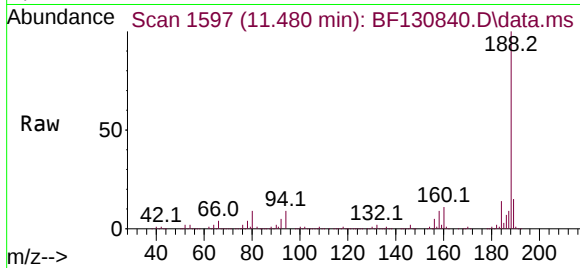




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

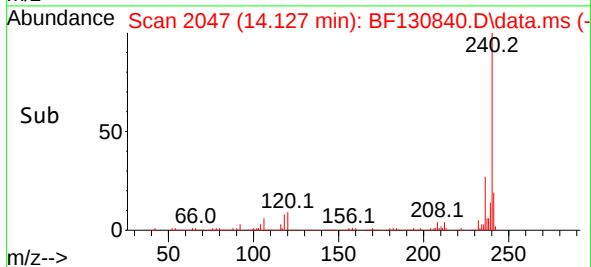
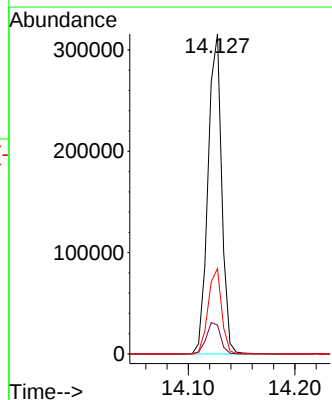
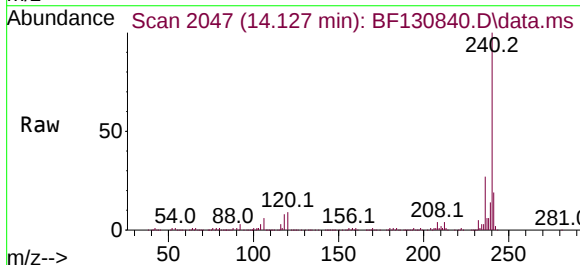
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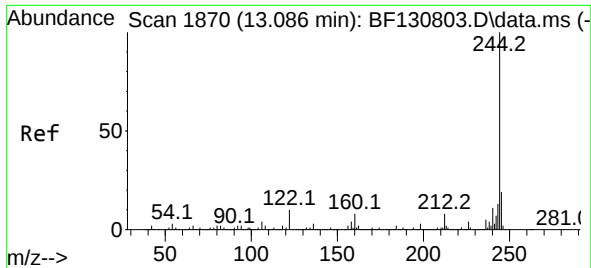
Tgt Ion:188 Resp: 406304
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion:240 Resp: 281022
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 26.7 20.5 30.7

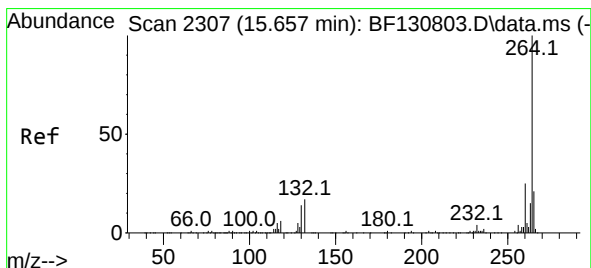
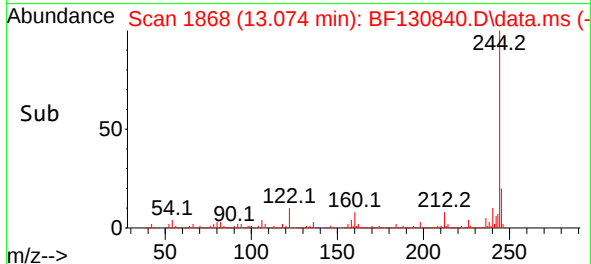
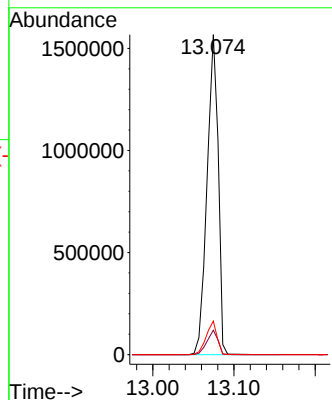
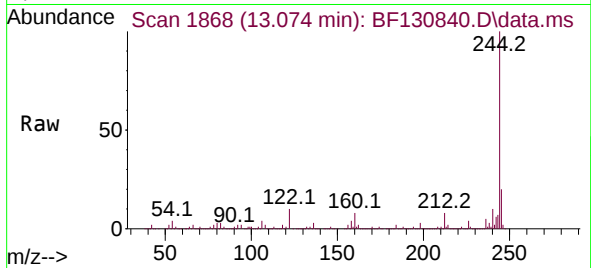




#79
 Terphenyl-d14
 Concen: 97.667 ng
 RT: 13.074 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130840.D
 Acq: 28 Oct 2022 23:59

Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024

Tgt Ion:244 Resp: 1497804
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130840.D
 Acq: 28 Oct 2022 23:59

Tgt Ion:264 Resp: 218623
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 20.1 17.0 25.6

