

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129961.D
 Acq On : 23 Aug 2022 19:40
 Operator : CG\JU
 Sample : N4142-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SOUTH

Quant Time: Aug 24 01:59:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	135497	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	554827	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	289757	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	477144	20.000	ng	0.00
76) Chrysene-d12	13.945	240	273844	20.000	ng	0.00
86) Perylene-d12	15.404	264	223972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	844111	103.146	ng	0.00
7) Phenol-d6	6.440	99	1070556	104.462	ng	0.00
23) Nitrobenzene-d5	7.345	82	696174	67.170	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	294612	101.306	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1284736	67.341	ng	0.00
79) Terphenyl-d14	12.886	244	1269233	77.121	ng	0.00

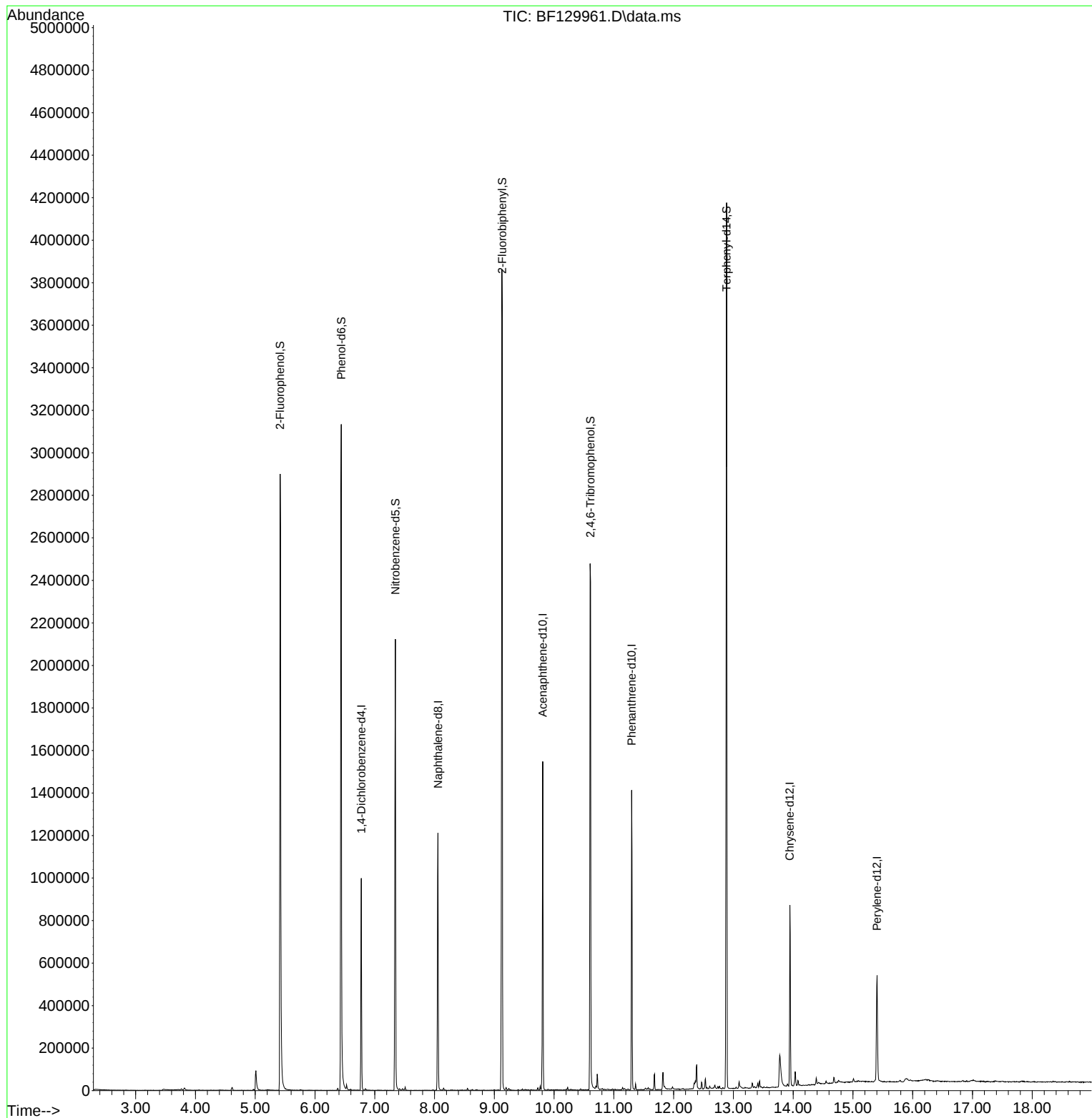
Target Compounds	Qvalue

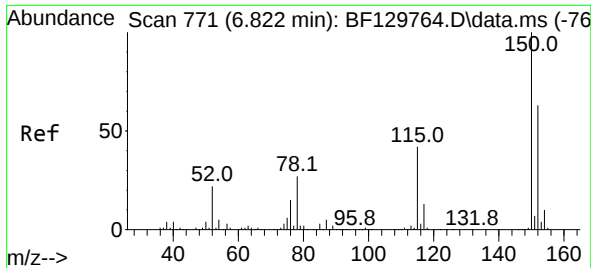
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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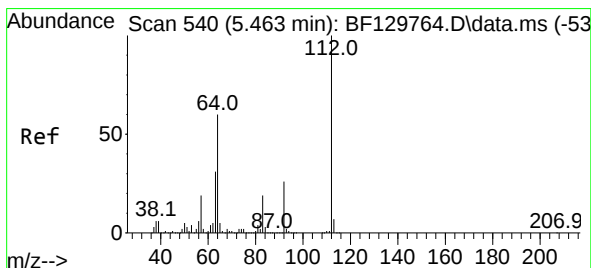
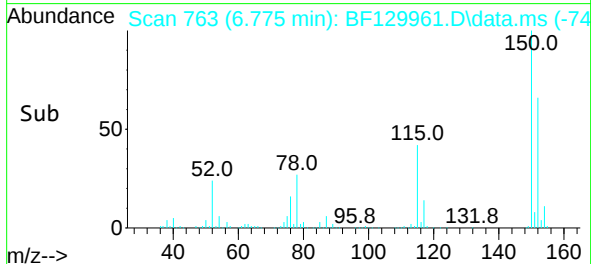
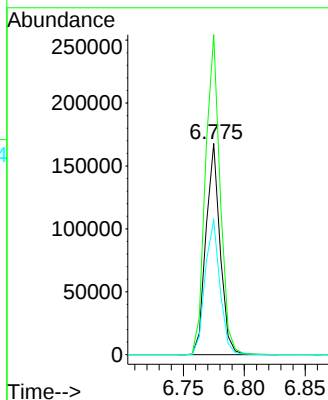
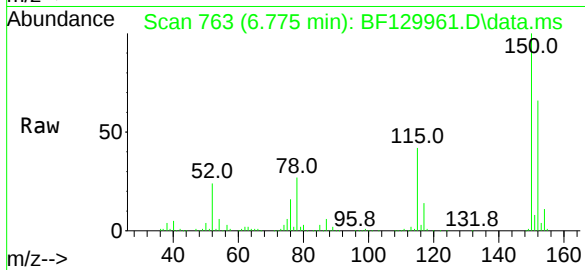




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

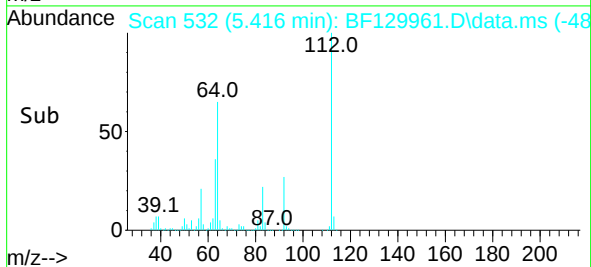
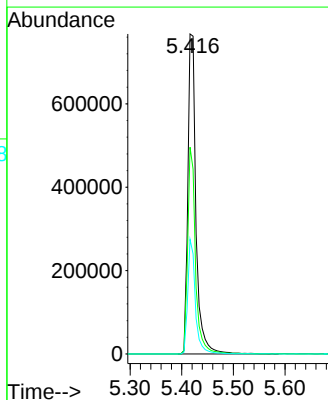
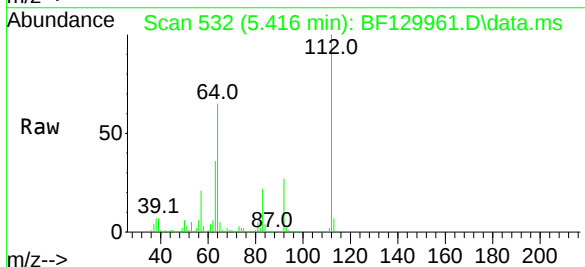
Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

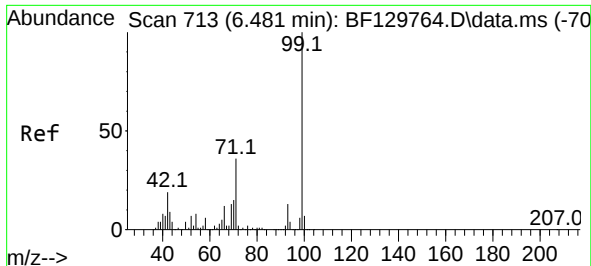
Tgt Ion:152 Resp: 135497
Ion Ratio Lower Upper
152 100
150 151.6 126.9 190.3
115 63.8 53.4 80.0



#5
2-Fluorophenol
Concen: 103.146 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:112 Resp: 844111
Ion Ratio Lower Upper
112 100
64 64.6 47.6 71.4
63 35.8 24.6 37.0

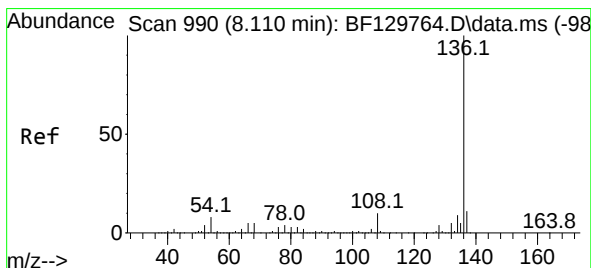
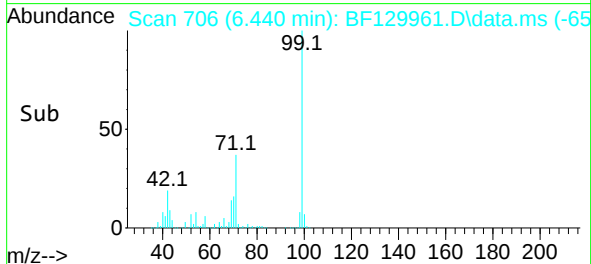
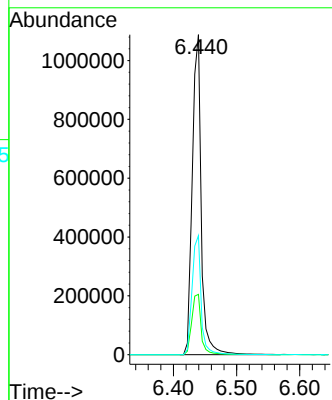
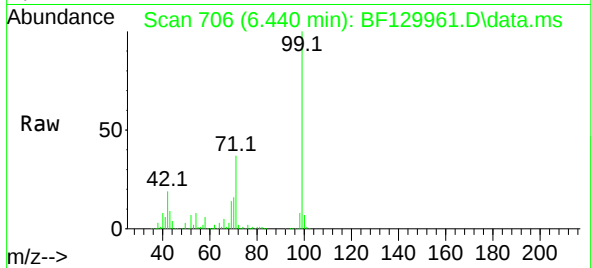




#7
Phenol-d6
Concen: 104.462 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

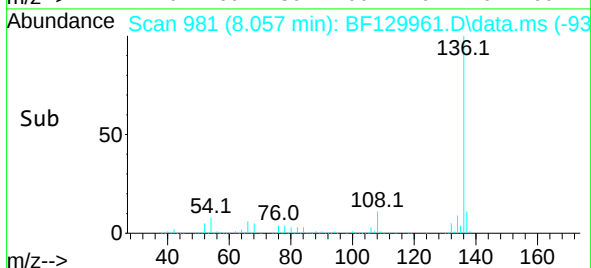
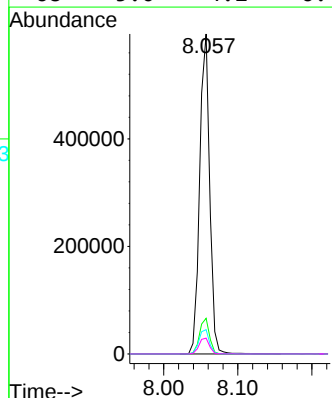
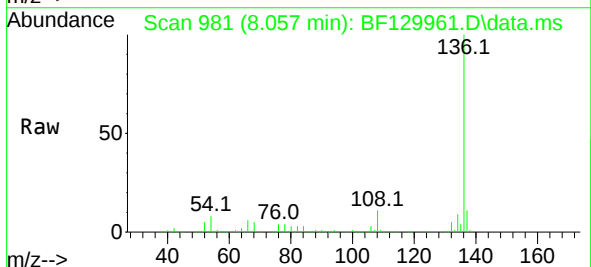
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BNA_F
ClientSampleId :
UST-SOUTH

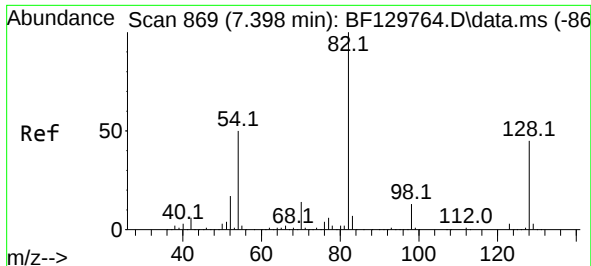
Tgt Ion: 99 Resp: 1070556
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion: 136 Resp: 554827
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.6 6.2 9.2
68 5.0 4.2 6.4

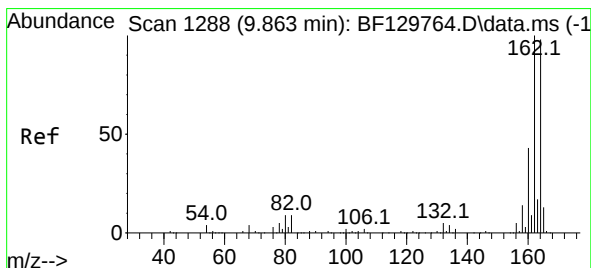
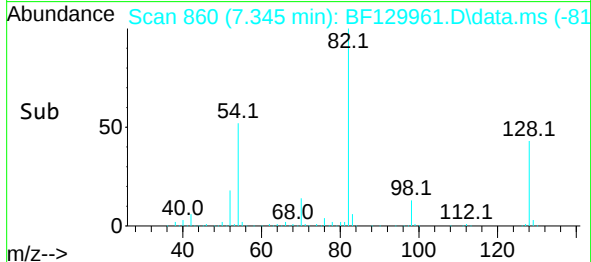
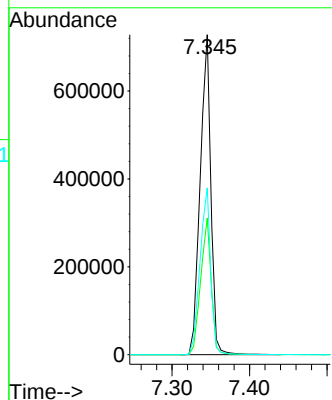
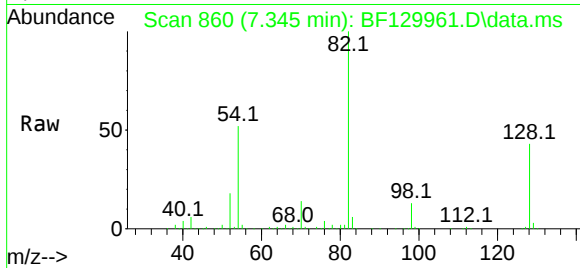




#23
Nitrobenzene-d5
Concen: 67.170 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

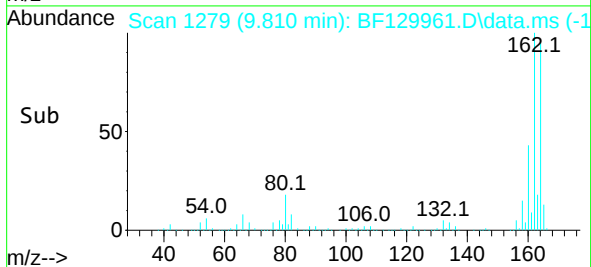
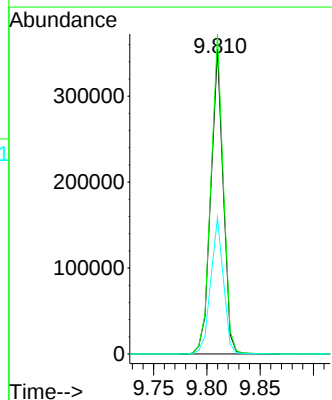
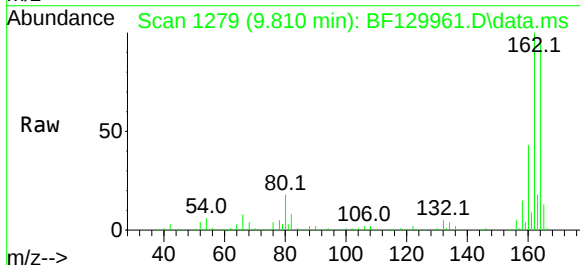
Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

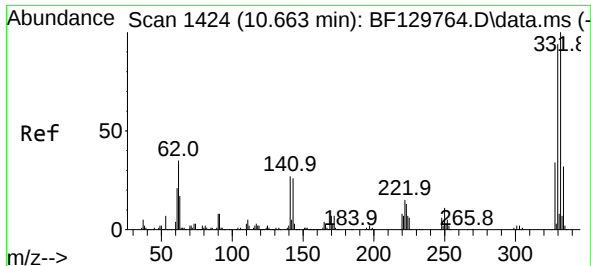
Tgt Ion: 82 Resp: 696174
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 52.1 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:164 Resp: 289757
Ion Ratio Lower Upper
164 100
162 104.9 82.0 123.0
160 44.6 35.4 53.0

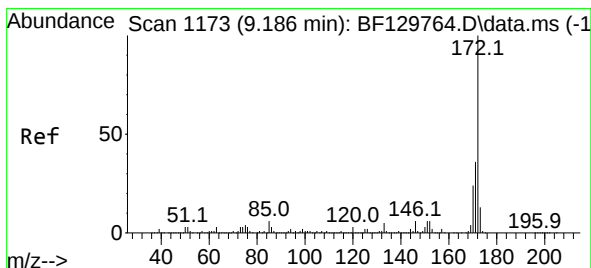
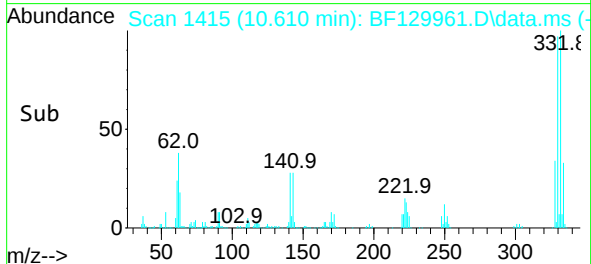
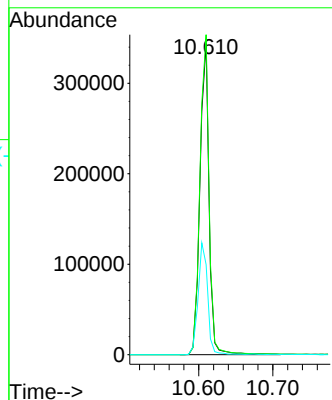
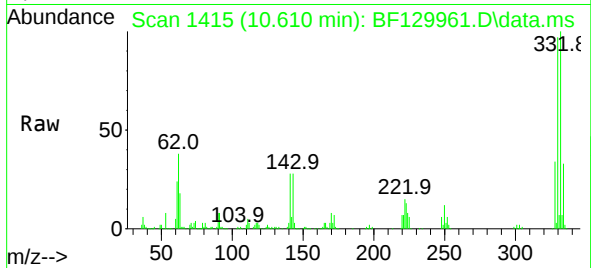




#42
2,4,6-Tribromophenol
Concen: 101.306 ng
RT: 10.610 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

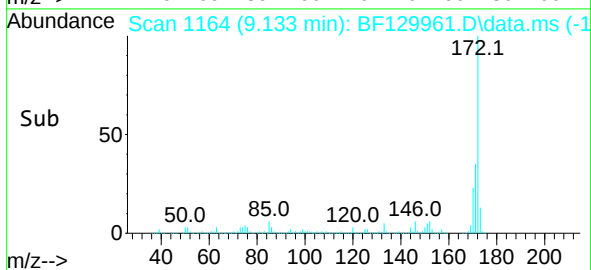
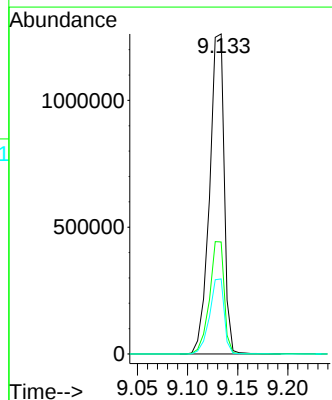
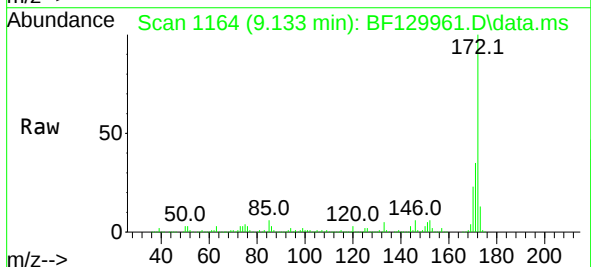
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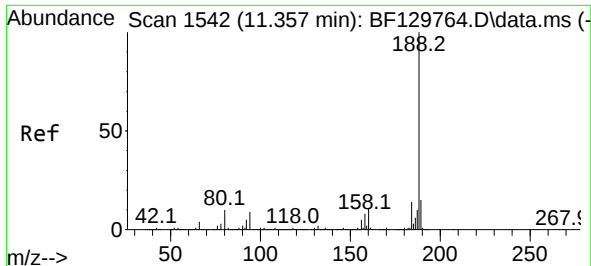
Tgt Ion:330 Resp: 294612
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 37.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 67.341 ng
RT: 9.133 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:172 Resp: 1284736
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 19.1 28.7

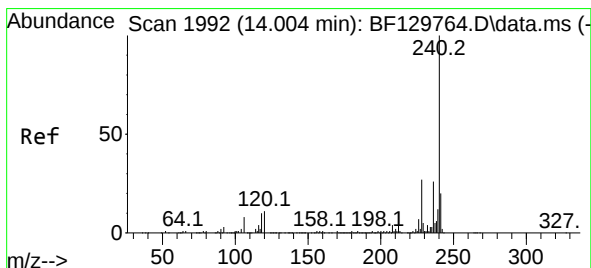
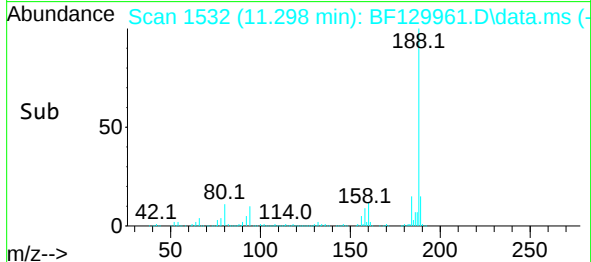
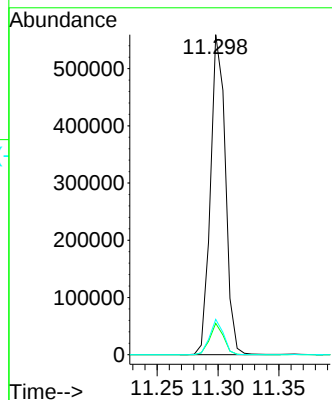
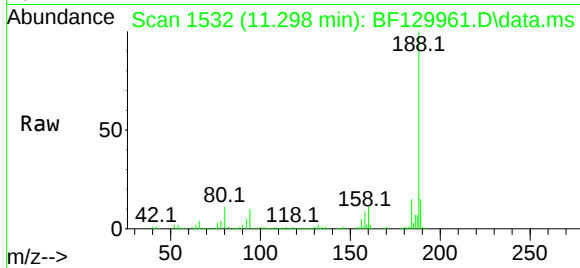




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

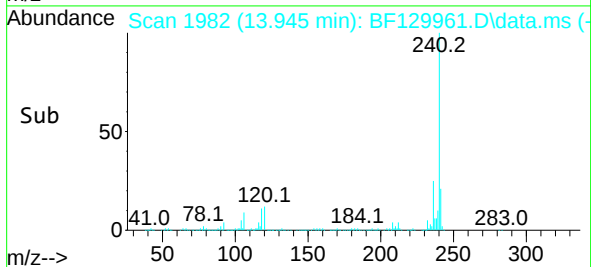
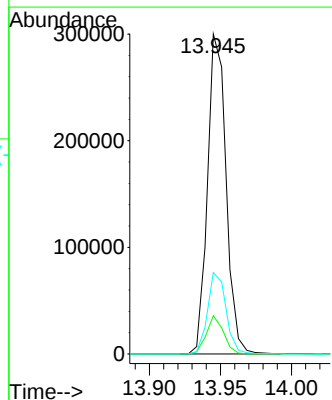
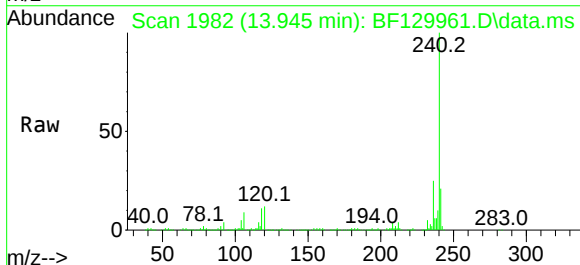
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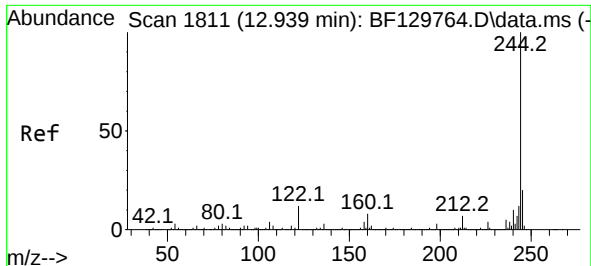
Tgt Ion:188 Resp: 477144
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

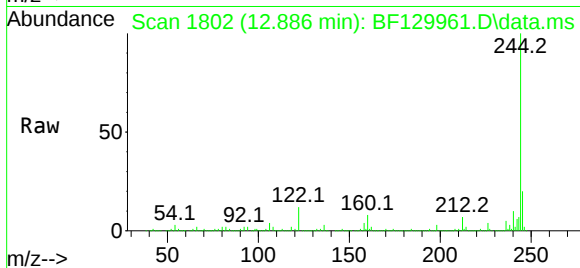
Tgt Ion:240 Resp: 273844
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.4 20.7 31.1



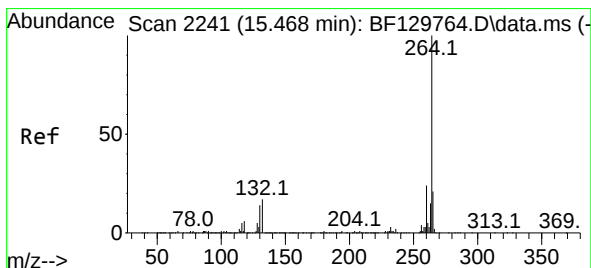
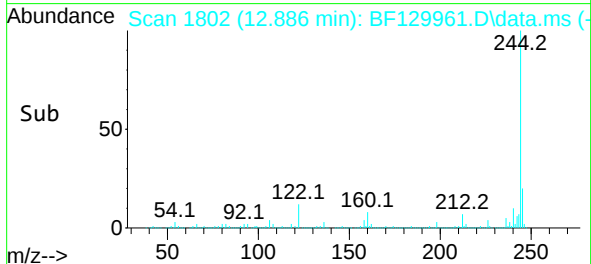
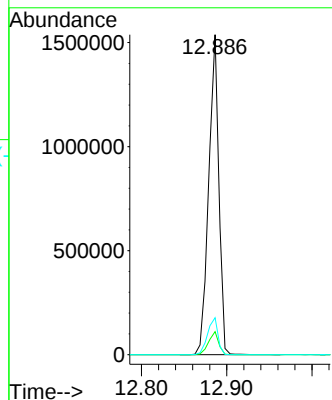


#79
 Terphenyl-d14
 Concen: 77.121 ng
 RT: 12.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129961.D
 Acq: 23 Aug 2022 19:40

Instrument :
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Tgt Ion:244 Resp: 1269233
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129961.D
 Acq: 23 Aug 2022 19:40

Tgt Ion:264 Resp: 223972
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.8 16.7 25.1

