

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050222\
 Data File : BM034870.D
 Acq On : 02 May 2022 11:40
 Operator : CG/JU
 Sample : PB144493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB144493BL

Quant Time: May 03 05:21:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	257900	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1035944	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	660429	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	1433729	20.000	ng	0.00
76) Chrysene-d12	21.480	240	1269794	20.000	ng	0.00
86) Perylene-d12	23.868	264	1136084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2224686	152.184	ng	0.00
7) Phenol-d6	7.098	99	2892693	153.284	ng	0.00
23) Nitrobenzene-d5	9.086	82	1868829	97.418	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1183899	164.793	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4492227	98.743	ng	0.00
79) Terphenyl-d14	19.927	244	7289204	111.147	ng	0.00

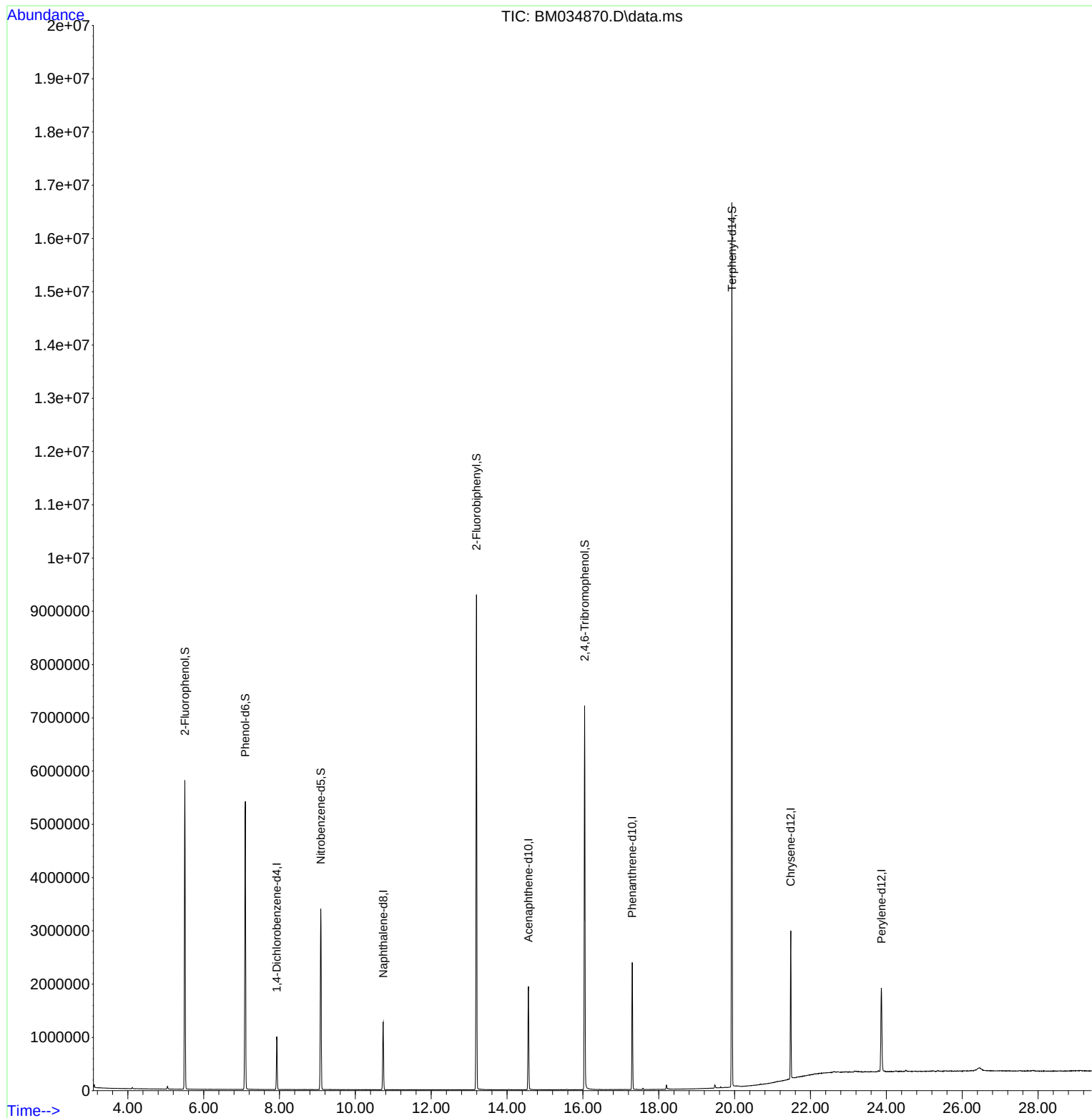
Target Compounds	Qvalue

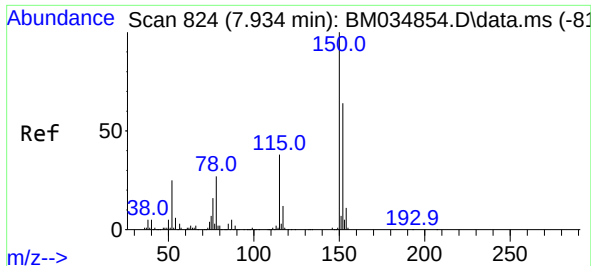
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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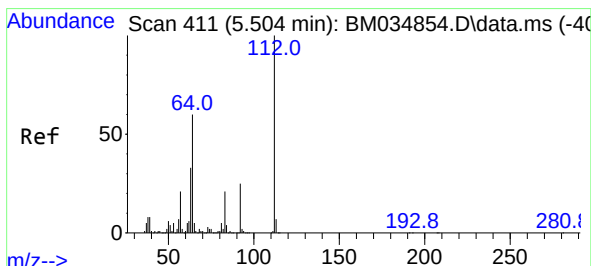
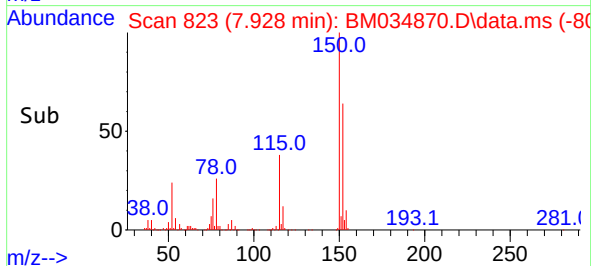
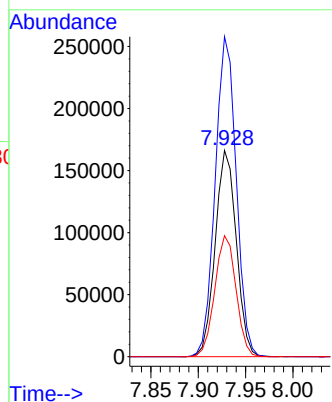
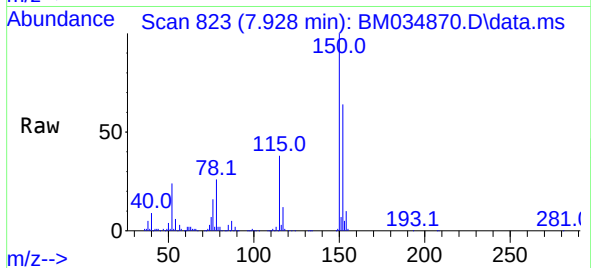




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

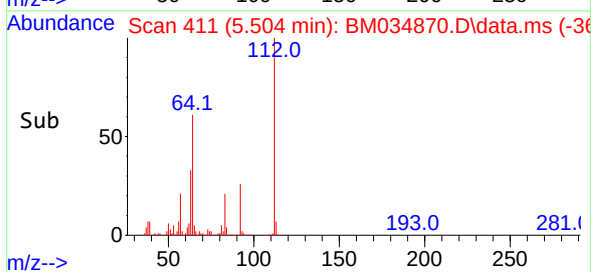
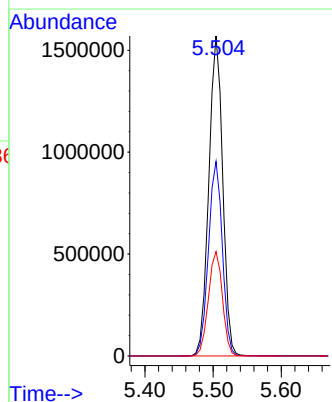
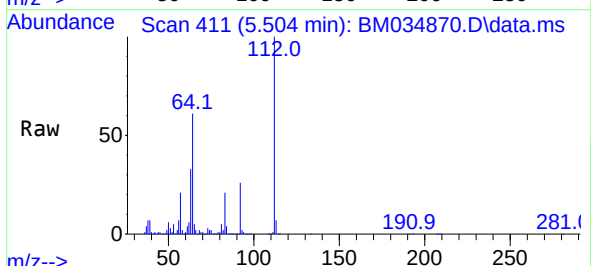
Instrument :
BNA_M
ClientSampleId :
PB144493BL

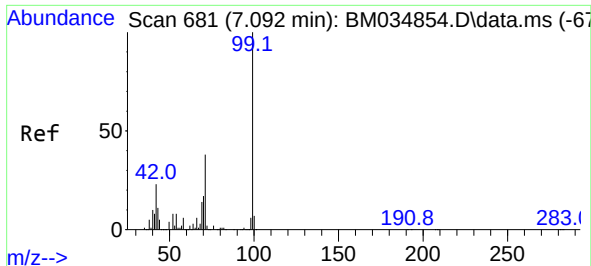
Tgt Ion:152 Resp: 257900
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 58.6 47.9 71.9



#5
2-Fluorophenol
Concen: 152.184 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.000 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

Tgt Ion:112 Resp: 2224686
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 32.6 26.6 40.0



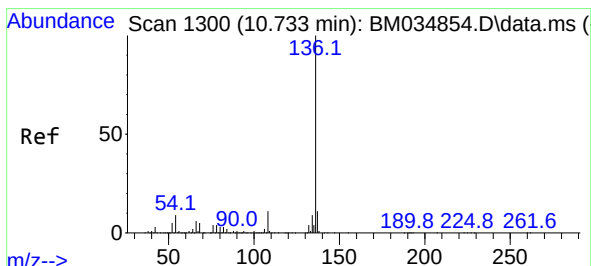
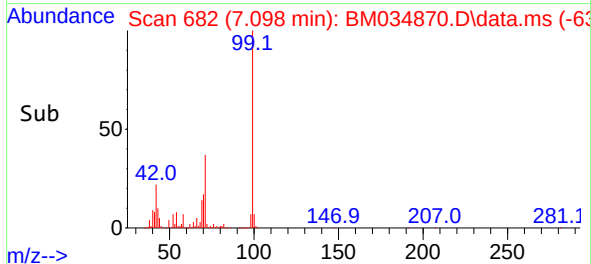
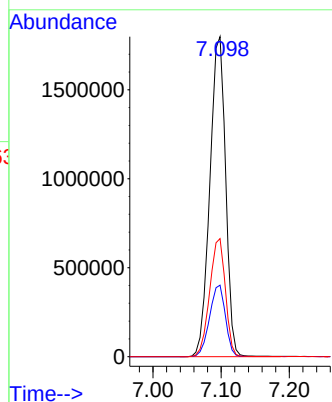
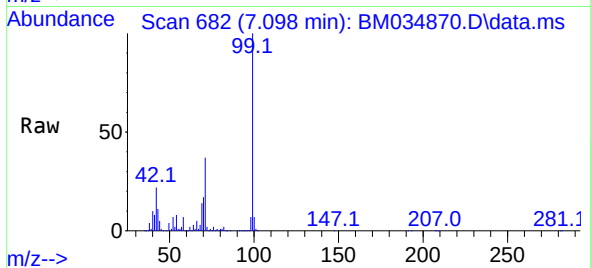


#7
Phenol-d6
Concen: 153.284 ng
RT: 7.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

Instrument :
BNA_M
ClientSampleId :
PB144493BL

Tgt Ion: 99 Resp: 2892693

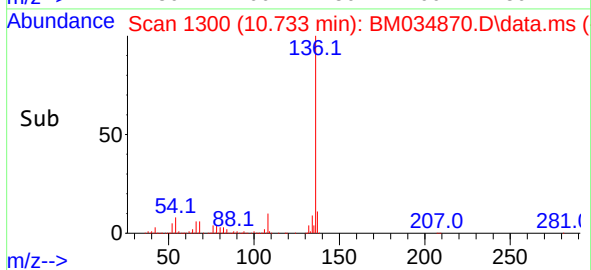
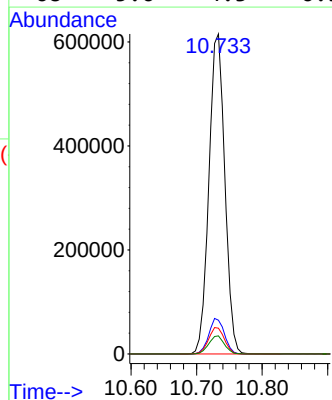
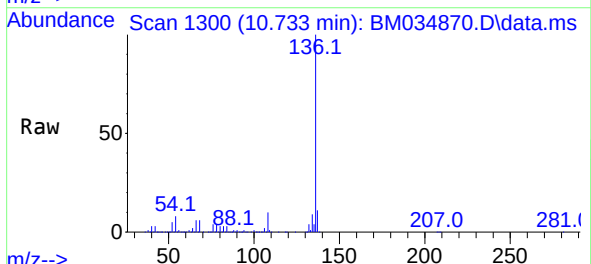
Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.8	28.2
71	36.9	30.2	45.2

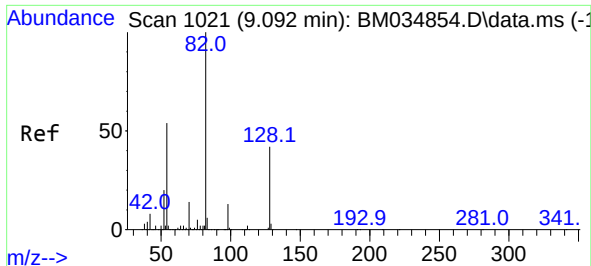


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

Tgt Ion: 136 Resp: 1035944

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.1	7.0	10.4
68	5.6	4.3	6.5

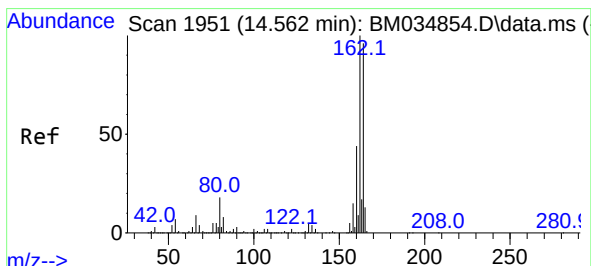
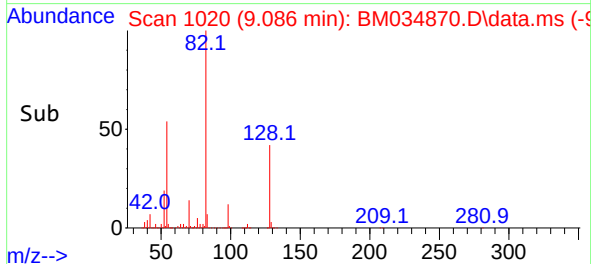
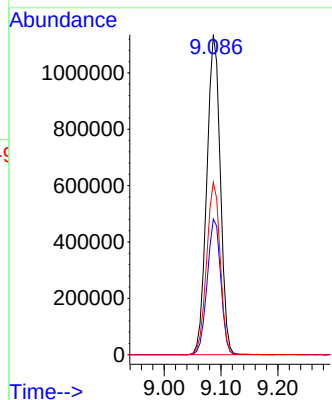
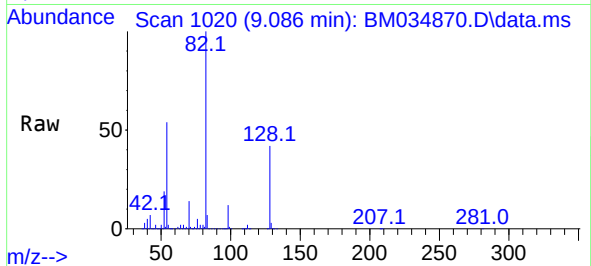




#23
Nitrobenzene-d5
Concen: 97.418 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

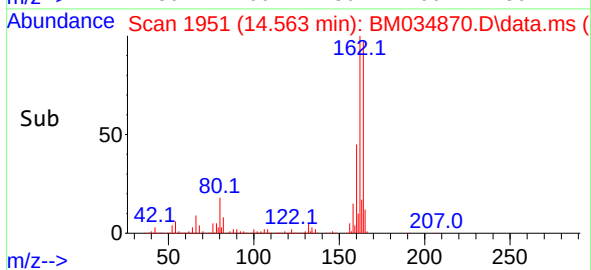
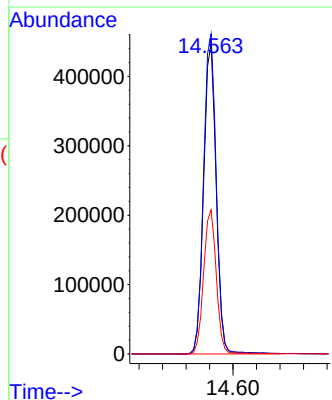
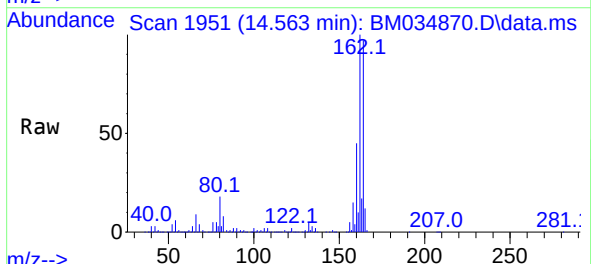
Instrument :
BNA_M
ClientSampleId :
PB144493BL

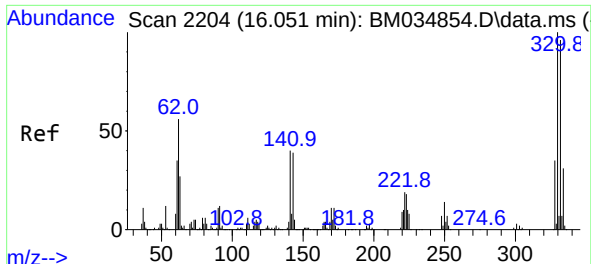
Tgt Ion: 82 Resp: 1868829
Ion Ratio Lower Upper
82 100
128 42.4 33.7 50.5
54 53.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

Tgt Ion:164 Resp: 660429
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 46.5 37.0 55.4

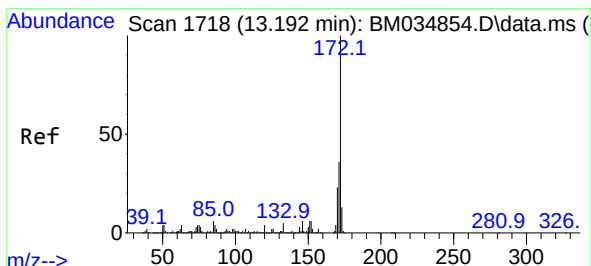
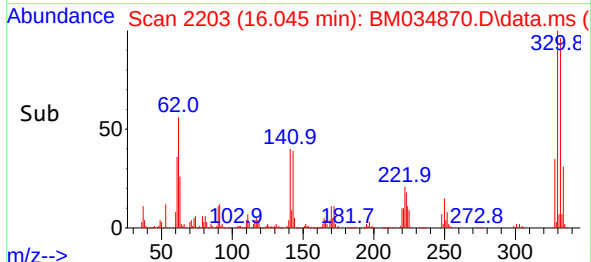
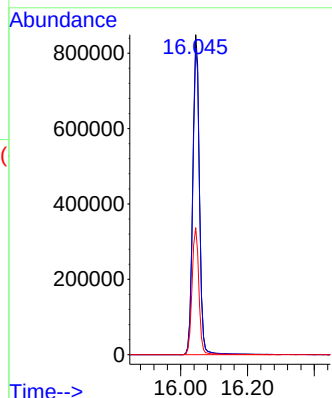
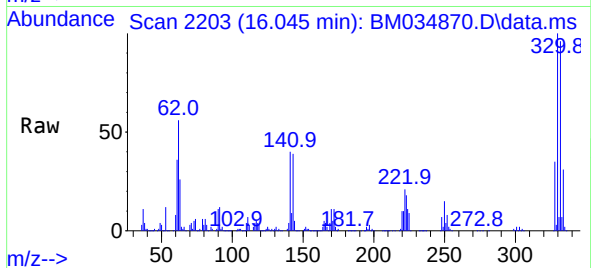




#42
2,4,6-Tribromophenol
Concen: 164.793 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

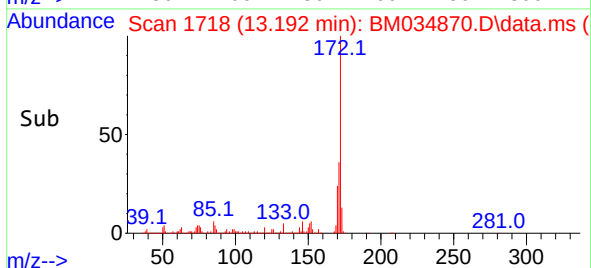
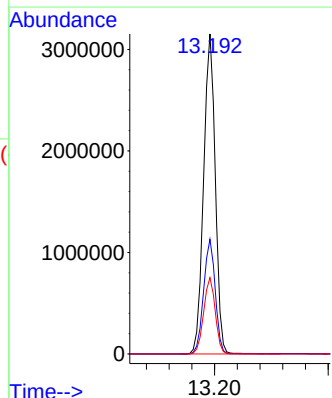
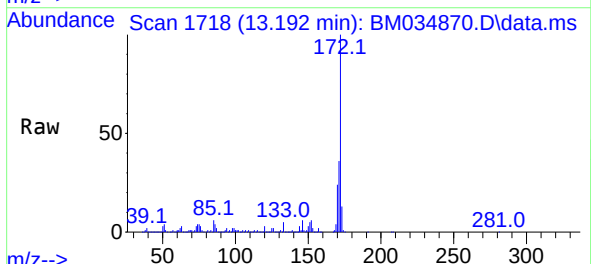
Instrument :
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ClientSampleId :
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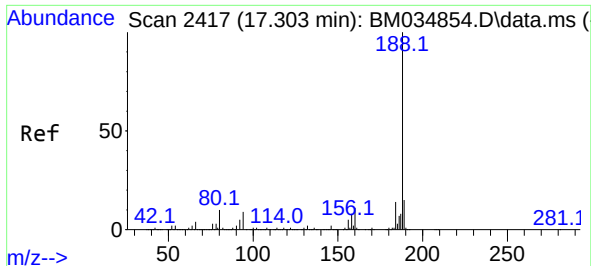
Tgt Ion:330 Resp: 1183899
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 40.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 98.743 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

Tgt Ion:172 Resp: 4492227
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.9 18.7 28.1

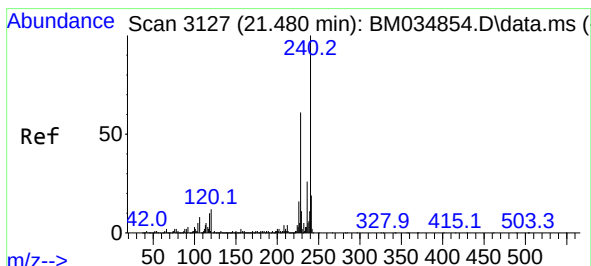
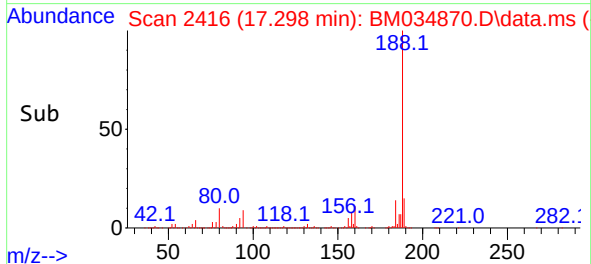
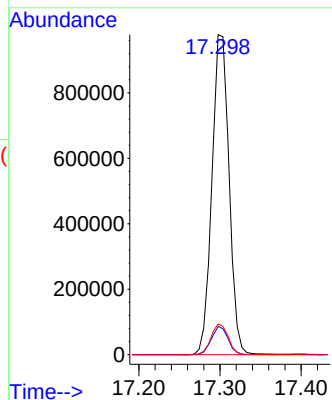
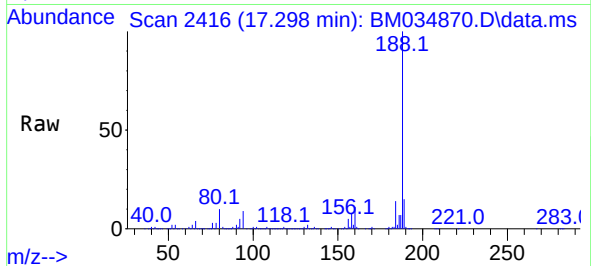




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

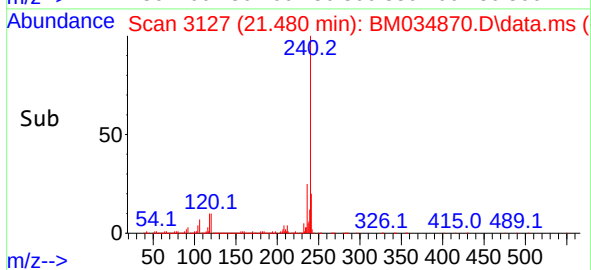
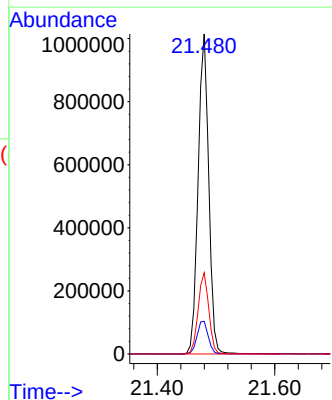
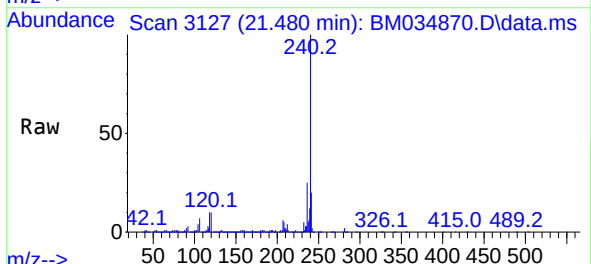
Instrument :
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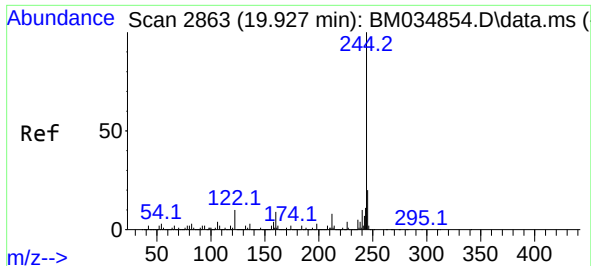
Tgt Ion:188 Resp: 1433729
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM034870.D
Acq: 02 May 2022 11:40

Tgt Ion:240 Resp: 1269794
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.0
236 25.4 20.6 30.8

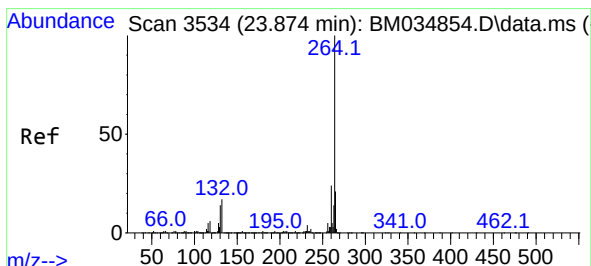
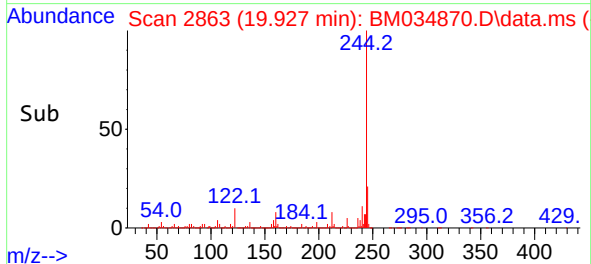
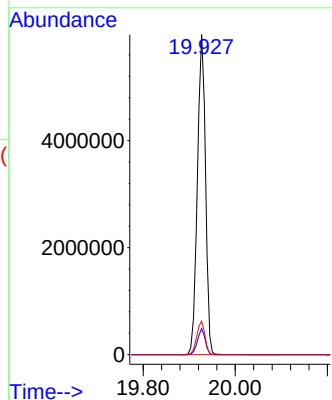
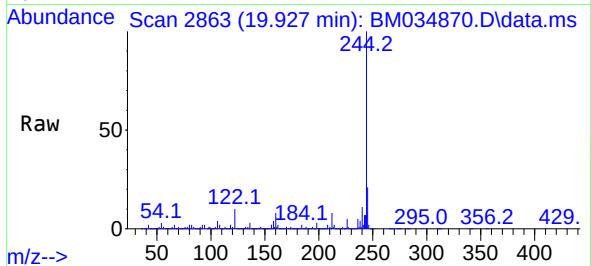




#79
 Terphenyl-d14
 Concen: 111.147 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM034870.D
 Acq: 02 May 2022 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB144493BL

Tgt Ion:244 Resp: 7289204
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.868 min Scan# 3533
 Delta R.T. -0.006 min
 Lab File: BM034870.D
 Acq: 02 May 2022 11:40

Tgt Ion:264 Resp: 1136084
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.1 17.5 26.3

