

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042722\
 Data File : BM034861.D
 Acq On : 27 Apr 2022 20:35
 Operator : CG/JU
 Sample : SP5883
 Misc : 8270 SURROGATE
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5883

Quant Time: Apr 28 02:01:08 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	7.934	152	227724	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	887308	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	525932	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1030058	20.000	ng	0.00
76) Chrysene-d12	21.480	240	729100	20.000	ng	0.00
86) Perylene-d12	23.868	264	620642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2238686	173.435	ng	0.00
7) Phenol-d6	7.098	99	2771932	166.349	ng	0.00
23) Nitrobenzene-d5	9.092	82	1788205	108.830	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	952242	166.444	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4013857	110.790	ng	0.00
79) Terphenyl-d14	19.927	244	4961851	131.768	ng	0.00

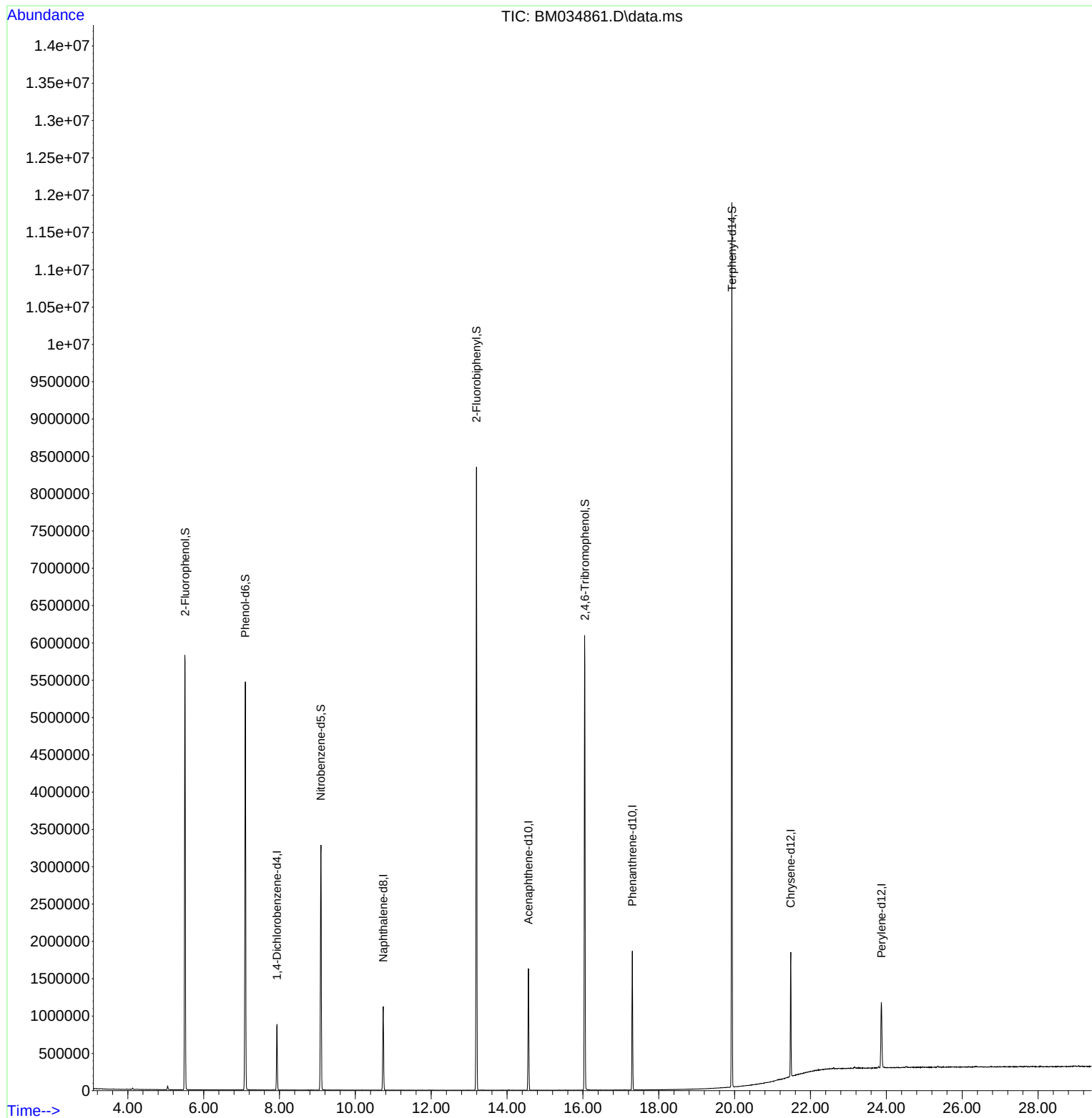
Target Compounds	Qvalue

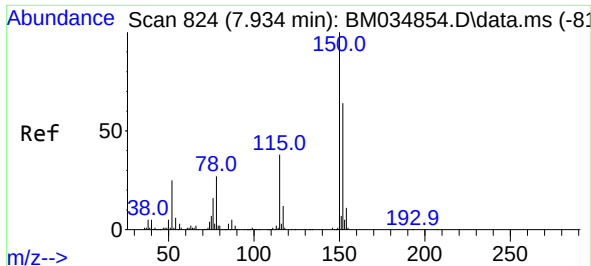
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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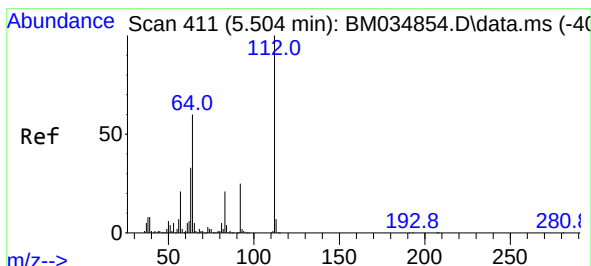
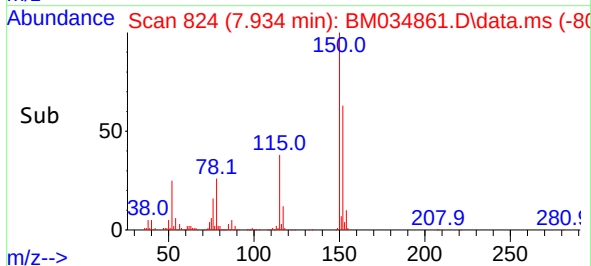
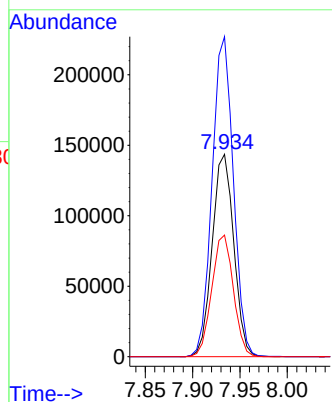
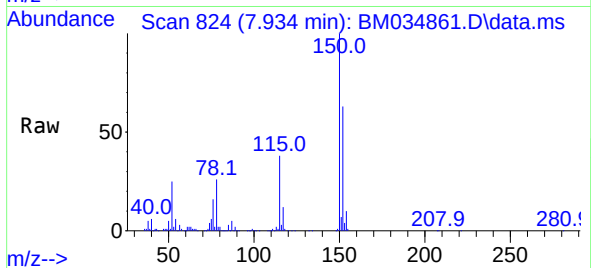




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

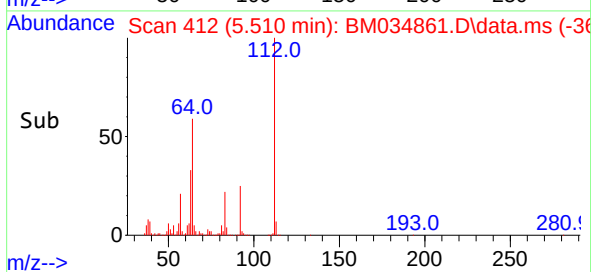
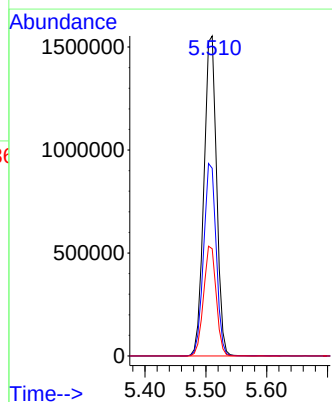
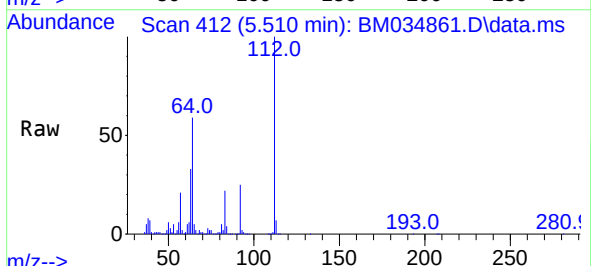
Instrument :
BNA_M
ClientSampleId :
SP5883

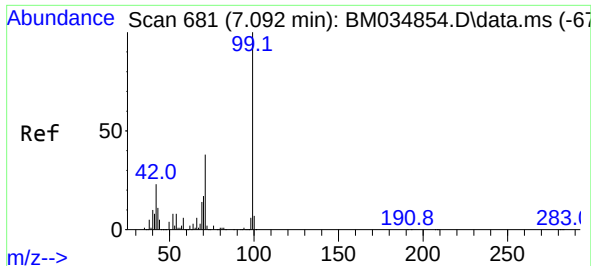
Tgt Ion:152 Resp: 227724
Ion Ratio Lower Upper
152 100
150 158.0 124.9 187.3
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 173.435 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.006 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

Tgt Ion:112 Resp: 2238686
Ion Ratio Lower Upper
112 100
64 58.7 47.8 71.6
63 33.5 26.6 40.0



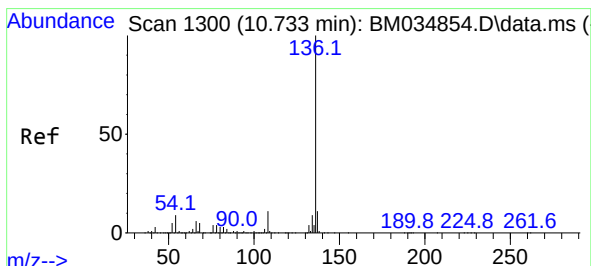
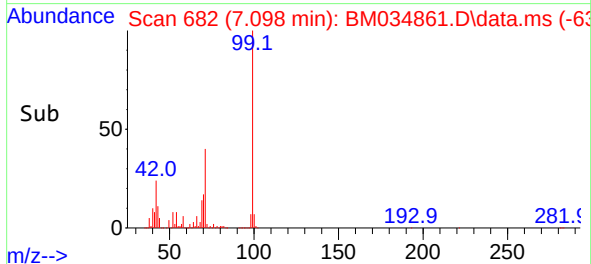
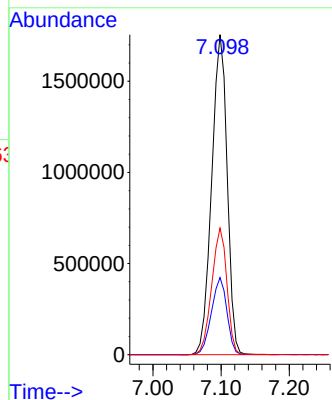
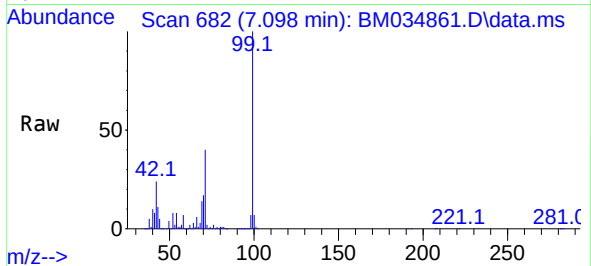


#7
Phenol-d6
Concen: 166.349 ng
RT: 7.098 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

Instrument :
BNA_M
ClientSampleId :
SP5883

Tgt Ion: 99 Resp: 2771932

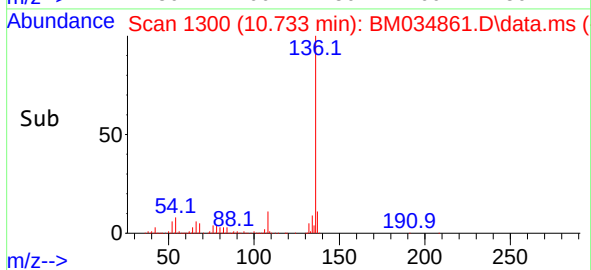
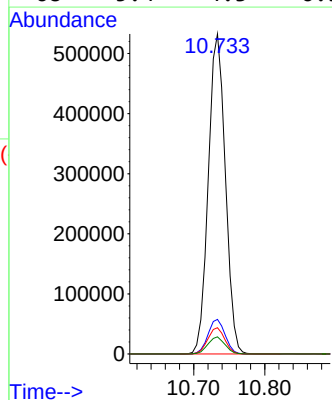
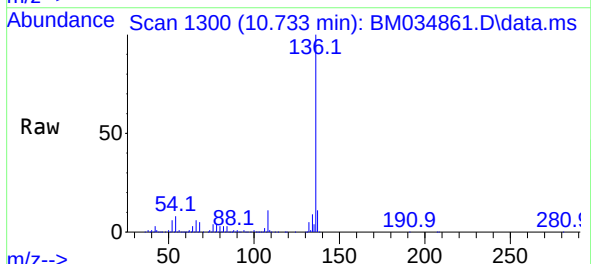
Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.8	28.2
71	39.6	30.2	45.2

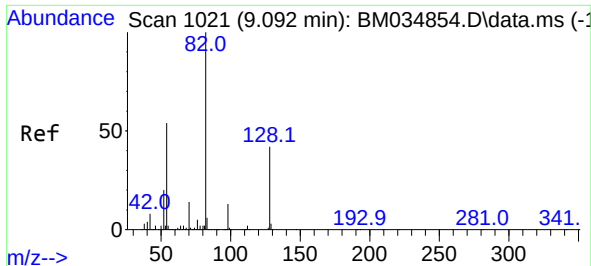


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

Tgt Ion: 136 Resp: 887308

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	7.0	10.4
68	5.4	4.3	6.5

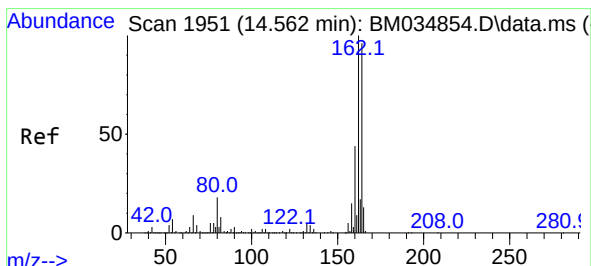
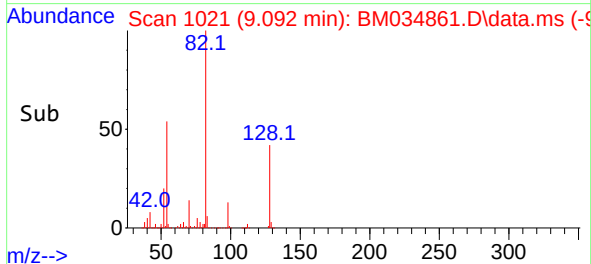
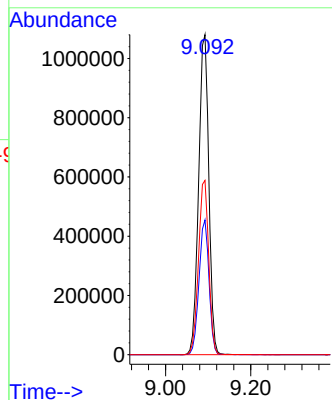
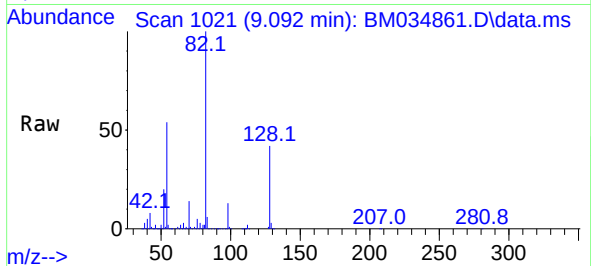




#23
Nitrobenzene-d5
Concen: 108.830 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

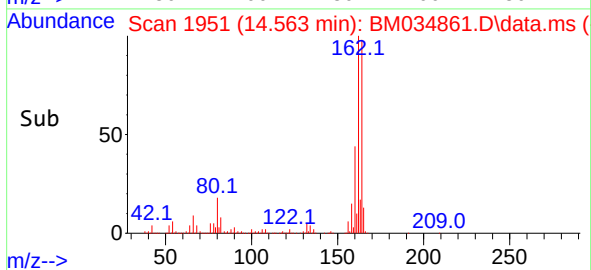
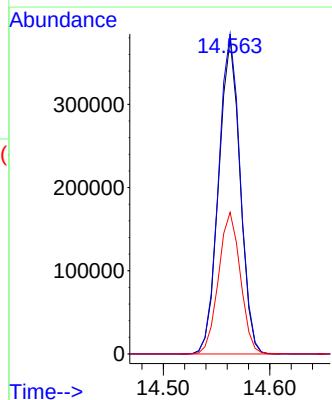
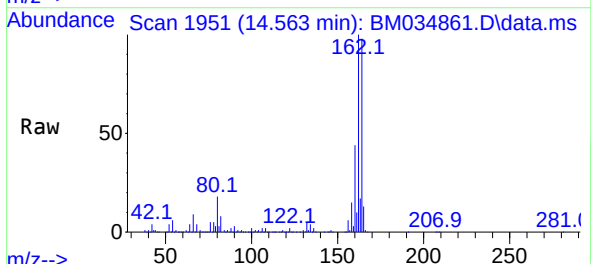
Instrument :
BNA_M
ClientSampleId :
SP5883

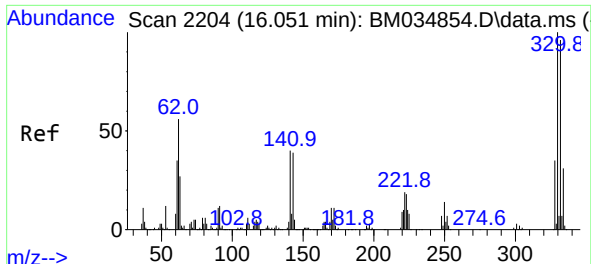
Tgt Ion: 82 Resp: 1788205
Ion Ratio Lower Upper
82 100
128 42.1 33.7 50.5
54 54.4 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

Tgt Ion:164 Resp: 525932
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.6
160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 166.444 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM034861.D

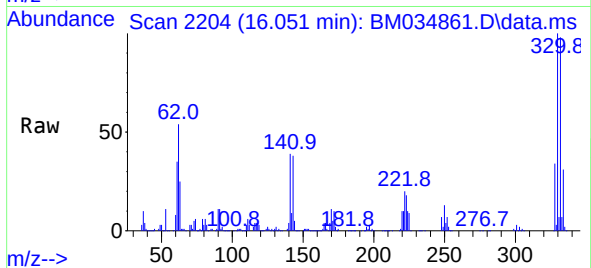
Acq: 27 Apr 2022 20:35

Instrument :

BNA_M

ClientSampleId :

SP5883



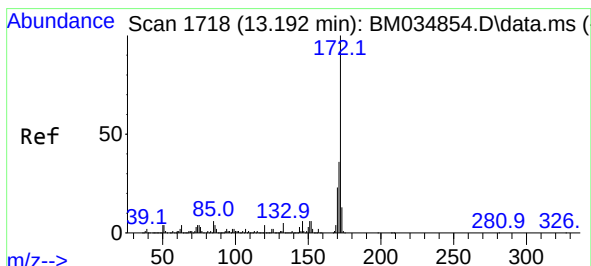
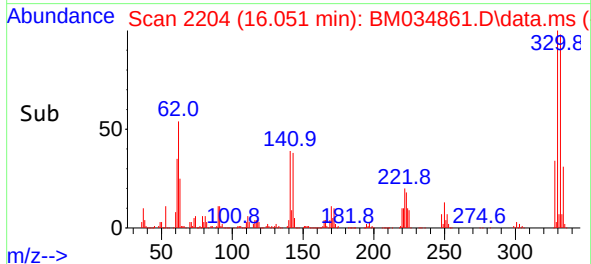
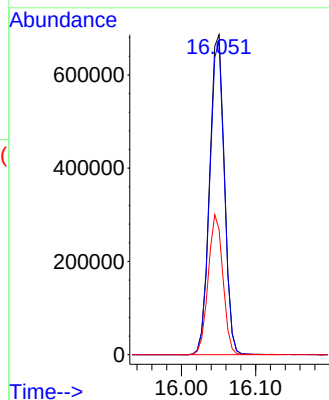
Tgt Ion:330 Resp: 952242

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 43.5 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 110.790 ng

RT: 13.192 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM034861.D

Acq: 27 Apr 2022 20:35

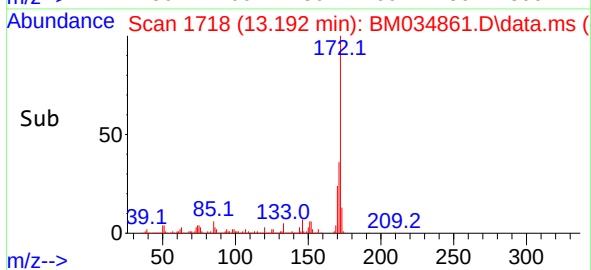
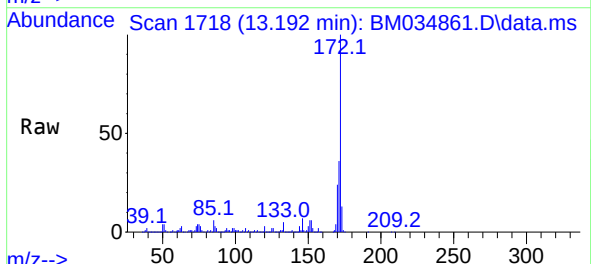
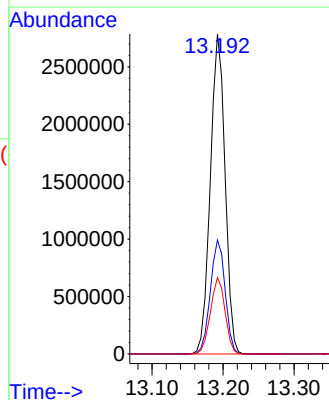
Tgt Ion:172 Resp: 4013857

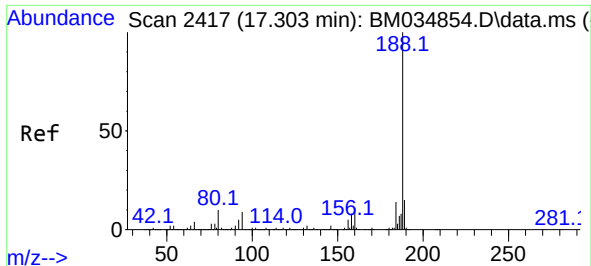
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.9 18.7 28.1

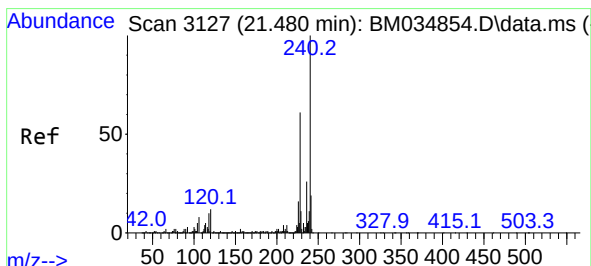
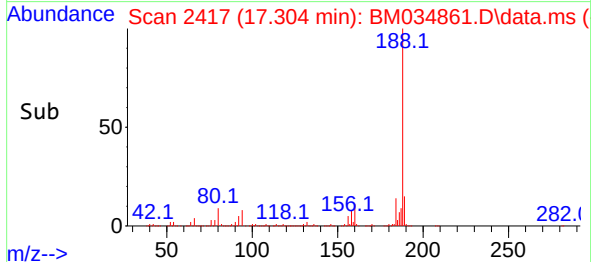
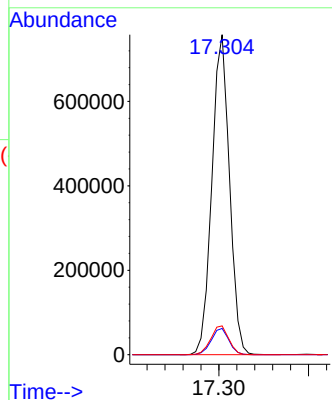
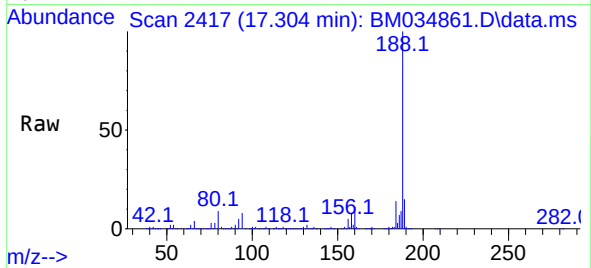




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

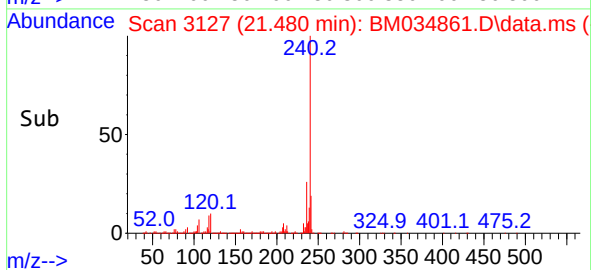
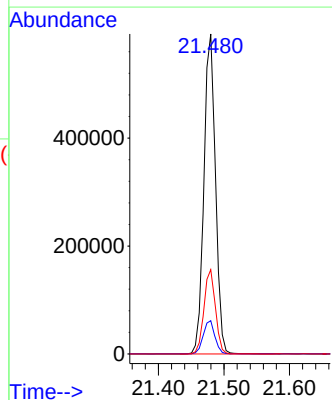
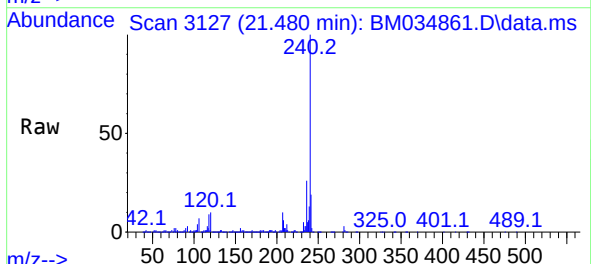
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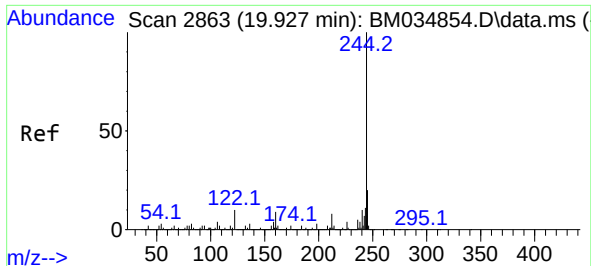
Tgt Ion:188 Resp: 1030058
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM034861.D
Acq: 27 Apr 2022 20:35

Tgt Ion:240 Resp: 729100
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.0
236 26.4 20.6 30.8

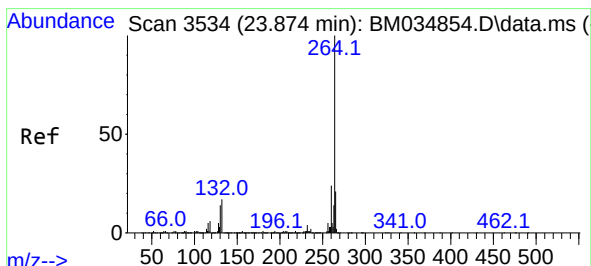
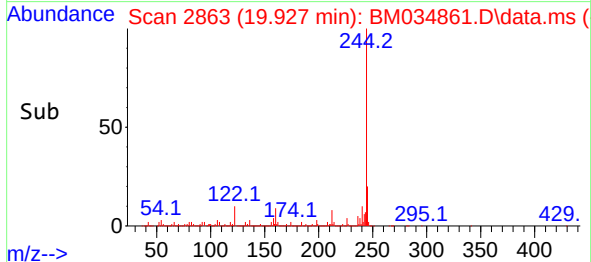
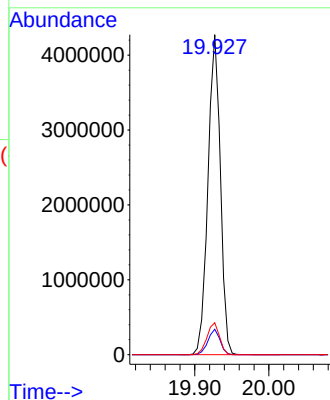
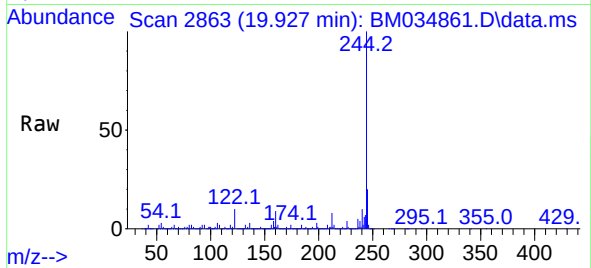




#79
 Terphenyl-d14
 Concen: 131.768 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM034861.D
 Acq: 27 Apr 2022 20:35

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 4961851
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.0 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: BM034861.D
 Acq: 27 Apr 2022 20:35

Tgt Ion:264 Resp: 620642
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 22.1 17.5 26.3

