

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041345.D
 Acq On : 09 Aug 2023 18:31
 Operator : MA/JU
 Sample : 03905-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FLY-ASH

Quant Time: Aug 09 19:01:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

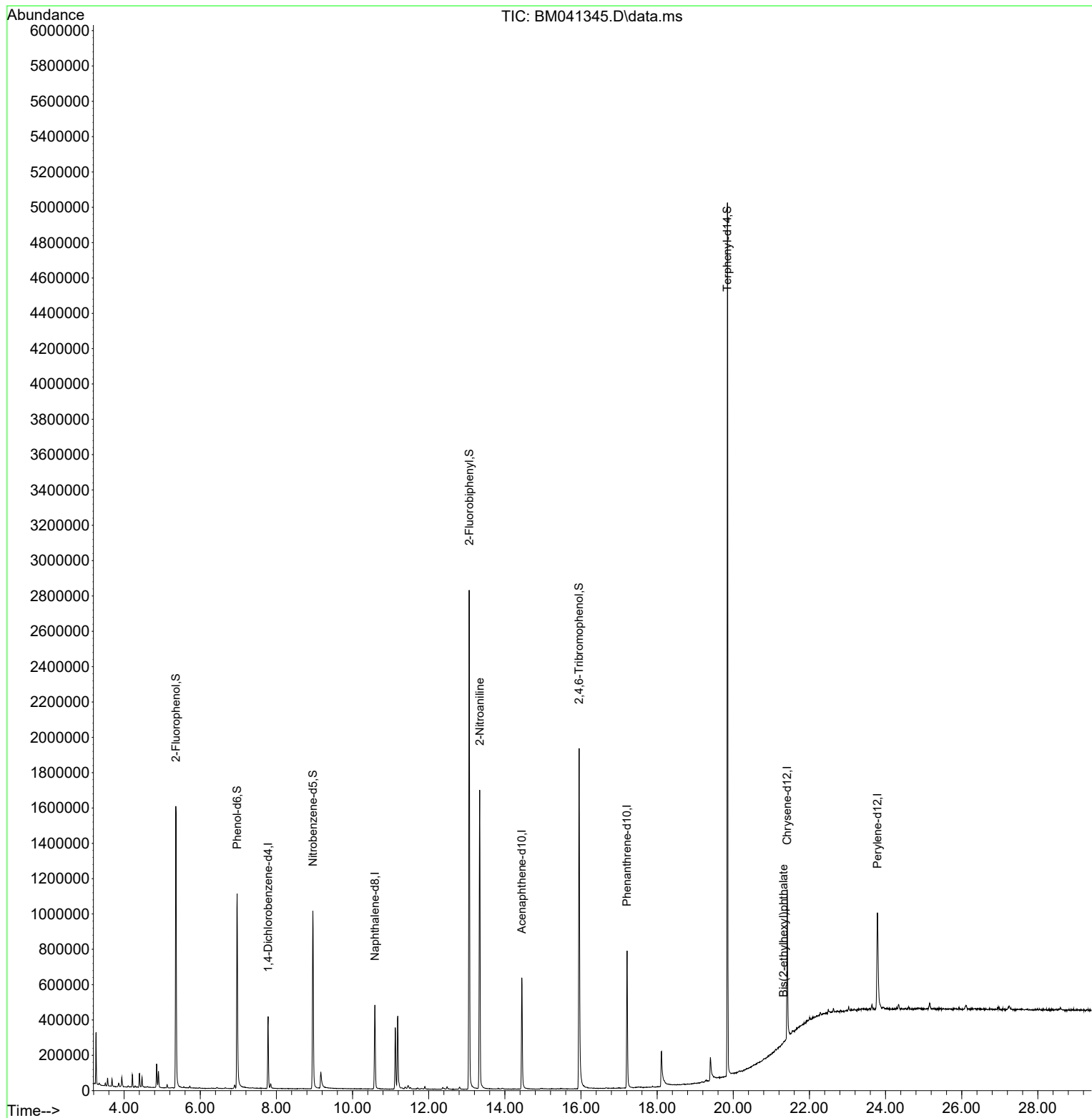
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	103237	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	385577	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	234114	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	500111	20.000	ng	0.00
76) Chrysene-d12	21.415	240	456665	20.000	ng	0.00
86) Perylene-d12	23.785	264	520111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	676733	97.972	ng	0.00
7) Phenol-d6	6.969	99	668939	74.711	ng	0.00
23) Nitrobenzene-d5	8.957	82	610609	73.646	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	406894	122.876	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1390903	75.051	ng	0.00
79) Terphenyl-d14	19.845	244	2303474	91.200	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.339	65	34801	7.693	ng	# 15
84) Bis(2-ethylhexyl)phtha...	21.321	149	3504	2.718	ng	# 89

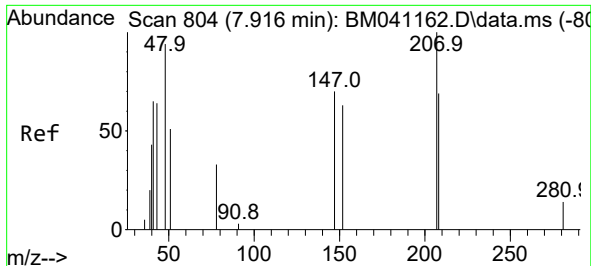
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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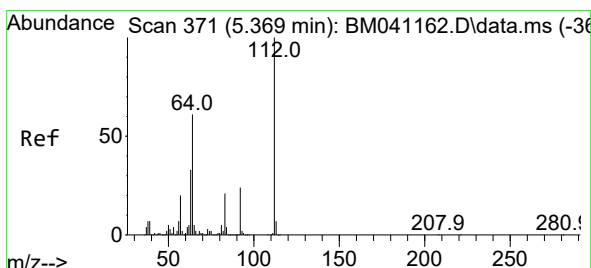
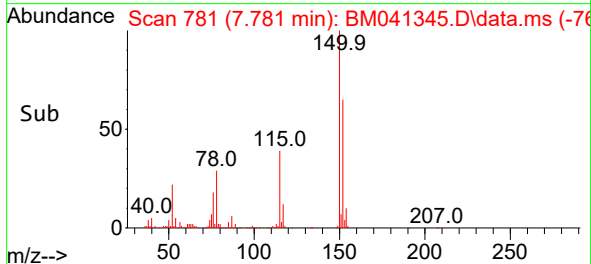
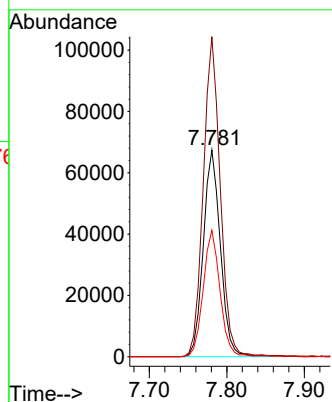
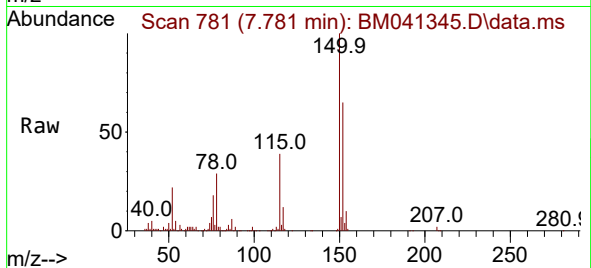




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

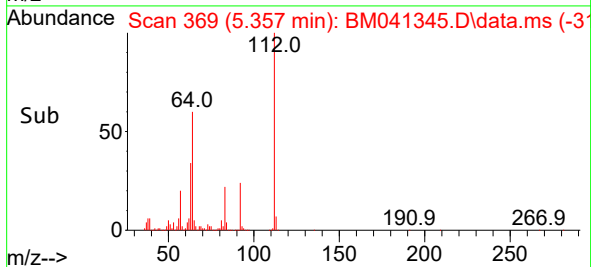
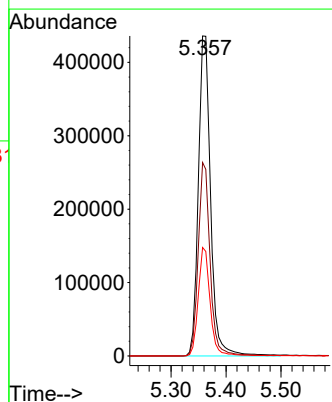
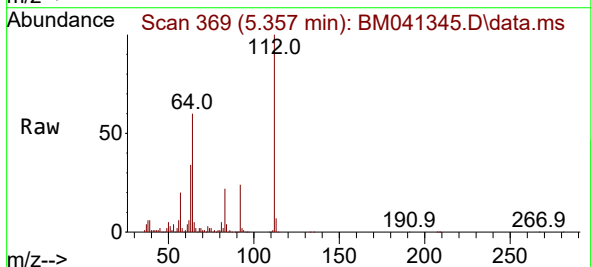
Instrument :
BNA_M
ClientSampleId :
FLY-ASH

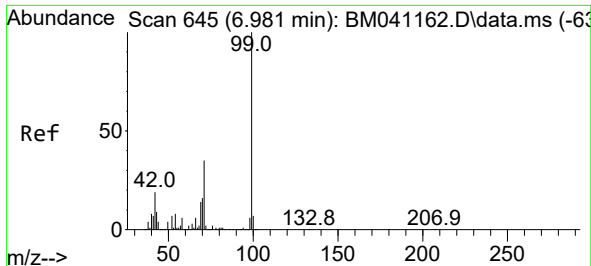
Tgt Ion:152 Resp: 103237
Ion Ratio Lower Upper
152 100
150 154.8 125.5 188.3
115 61.2 48.0 72.0



#5
2-Fluorophenol
Concen: 97.972 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

Tgt Ion:112 Resp: 676733
Ion Ratio Lower Upper
112 100
64 60.5 48.5 72.7
63 33.9 26.5 39.7

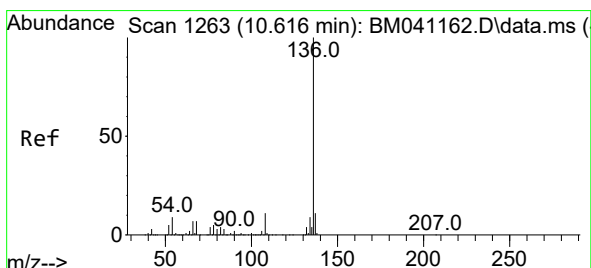
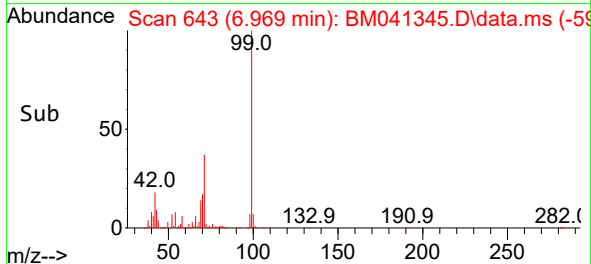
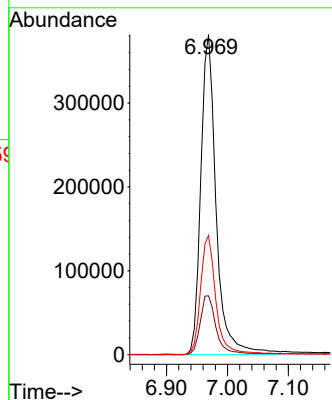
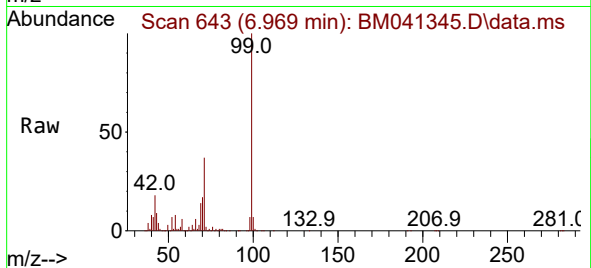




#7
Phenol-d6
Concen: 74.711 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

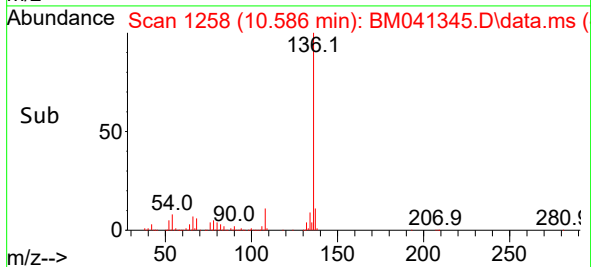
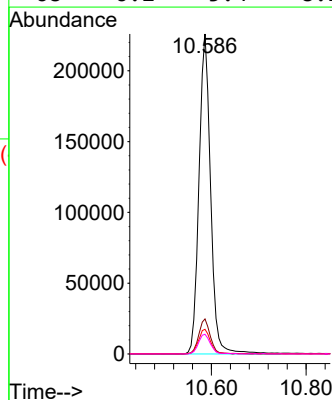
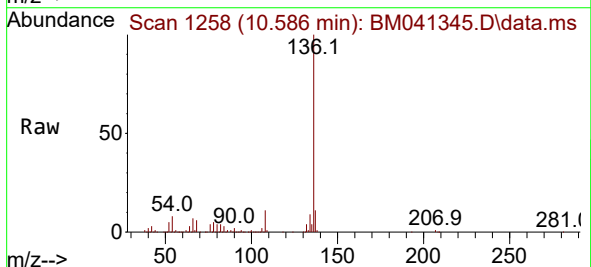
Instrument :
BNA_M
ClientSampleId :
FLY-ASH

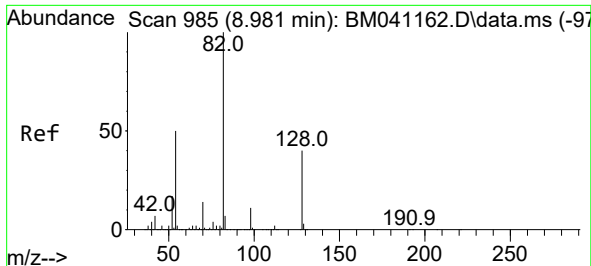
Tgt Ion: 99 Resp: 668939
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

Tgt Ion:136 Resp: 385577
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.9 10.3
68 6.2 5.4 8.2

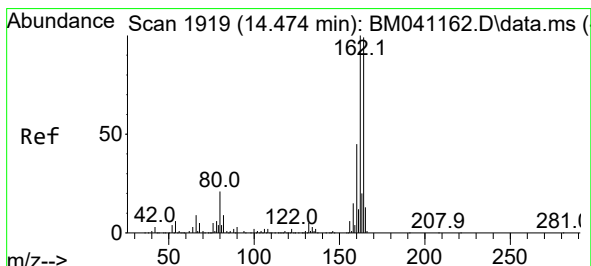
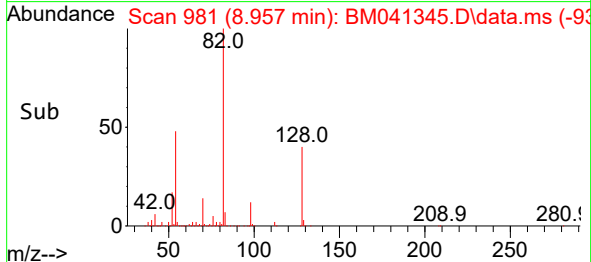
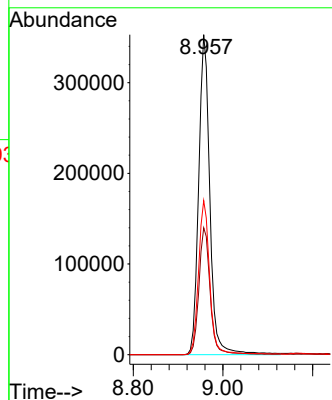
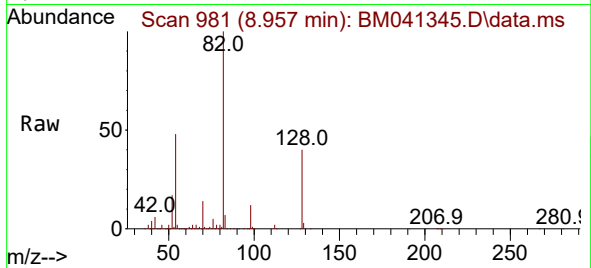




#23
Nitrobenzene-d5
Concen: 73.646 ng
RT: 8.957 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

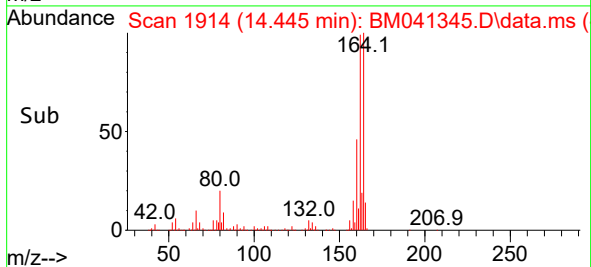
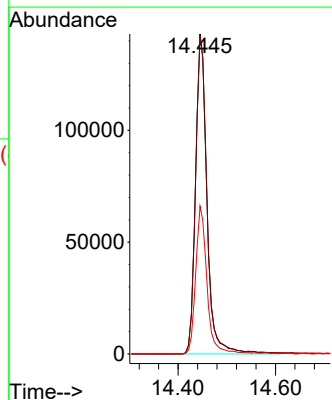
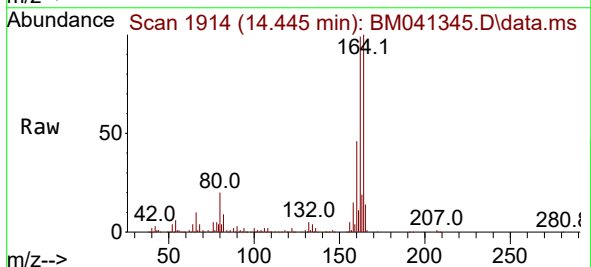
Instrument :
BNA_M
ClientSampleId :
FLY-ASH

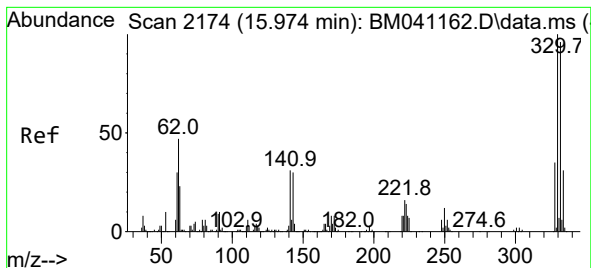
Tgt Ion: 82 Resp: 610609
Ion Ratio Lower Upper
82 100
128 39.7 31.8 47.6
54 48.2 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

Tgt Ion: 164 Resp: 234114
Ion Ratio Lower Upper
164 100
162 99.4 80.4 120.6
160 46.1 36.2 54.2

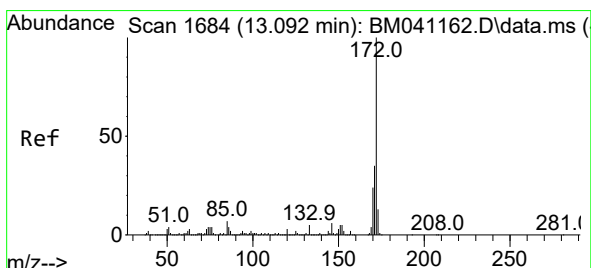
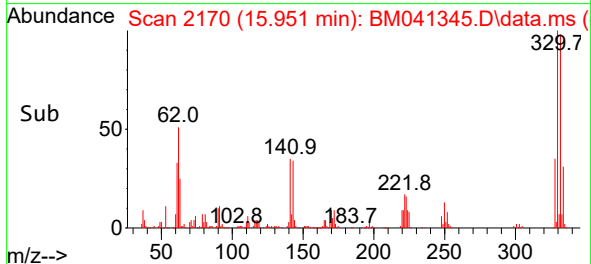
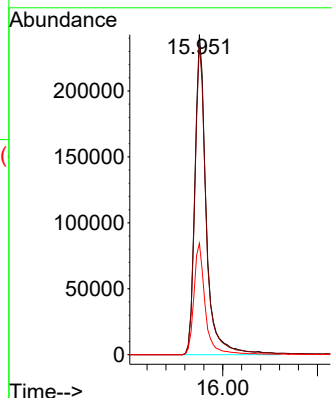
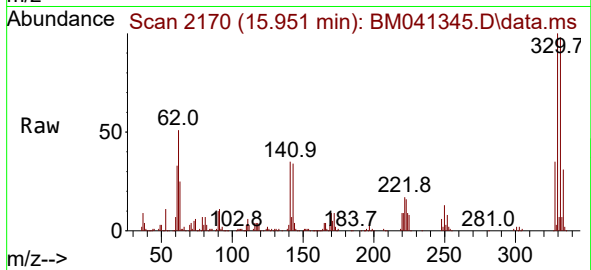




#42
 2,4,6-Tribromophenol
 Concen: 122.876 ng
 RT: 15.951 min Scan# 2174
 Delta R.T. -0.000 min
 Lab File: BM041345.D
 Acq: 09 Aug 2023 18:31

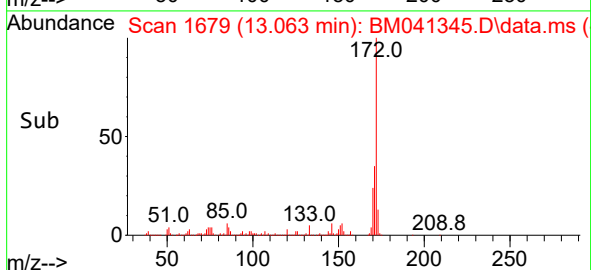
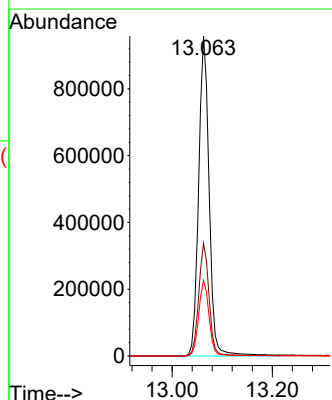
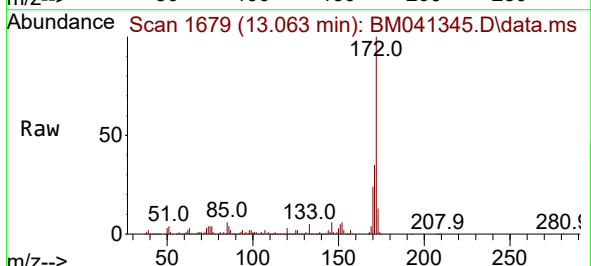
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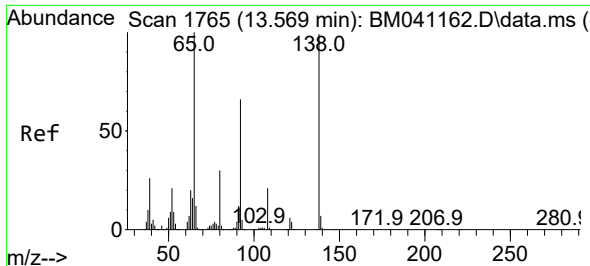
Tgt Ion:330 Resp: 406894
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.7 116.5
 141 34.7 28.3 42.5



#45
 2-Fluorobiphenyl
 Concen: 75.051 ng
 RT: 13.063 min Scan# 1679
 Delta R.T. -0.000 min
 Lab File: BM041345.D
 Acq: 09 Aug 2023 18:31

Tgt Ion:172 Resp: 1390903
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 23.6 18.9 28.3

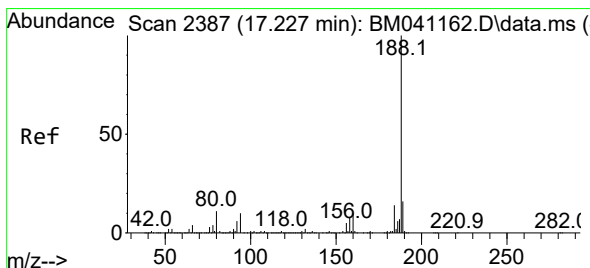
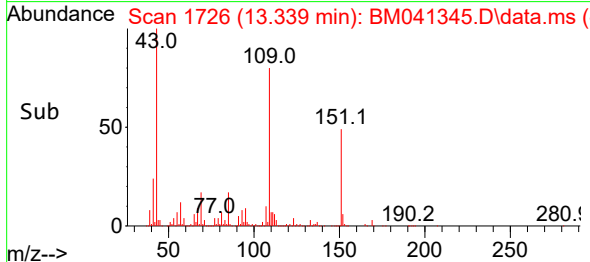
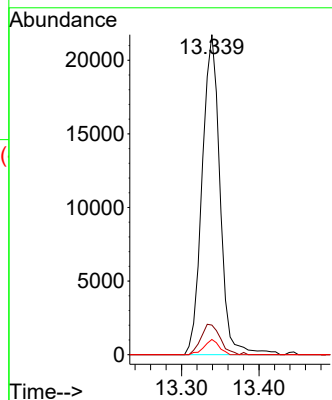
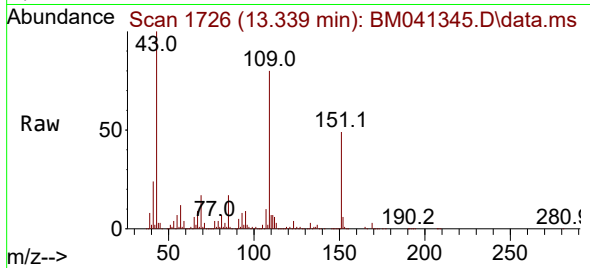




#48
2-Nitroaniline
Concen: 7.693 ng
RT: 13.339 min Scan# 1765
Delta R.T. -0.206 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

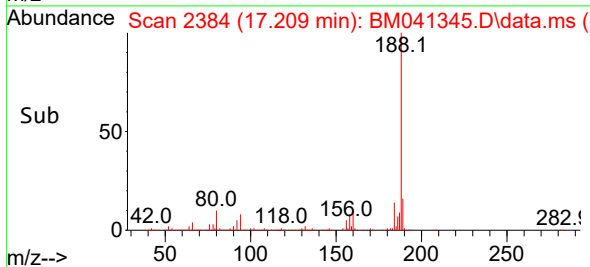
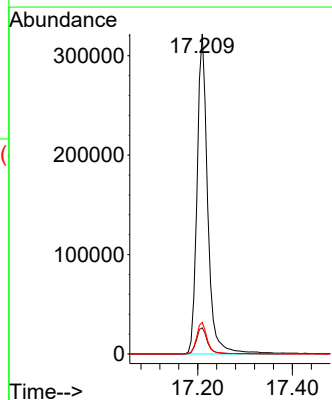
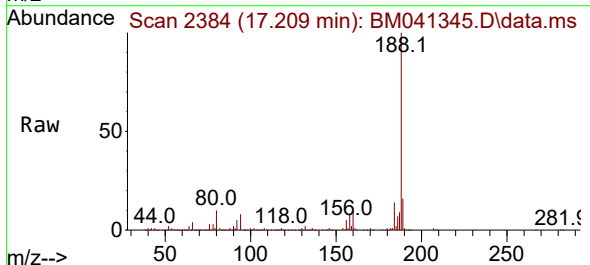
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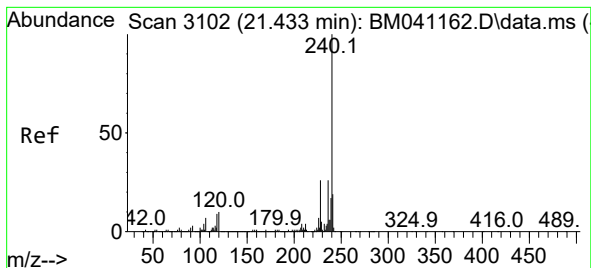
Tgt Ion: 65 Resp: 34801
Ion Ratio Lower Upper
65 100
92 9.2 53.0 79.4#
138 4.8 79.1 118.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM041345.D
Acq: 09 Aug 2023 18:31

Tgt Ion: 188 Resp: 500111
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.8 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM041345.D

Acq: 09 Aug 2023 18:31

Instrument :

BNA_M

ClientSampleId :

FLY-ASH

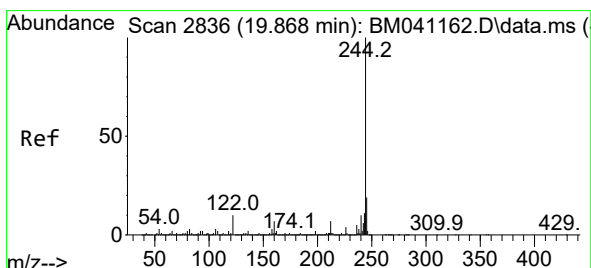
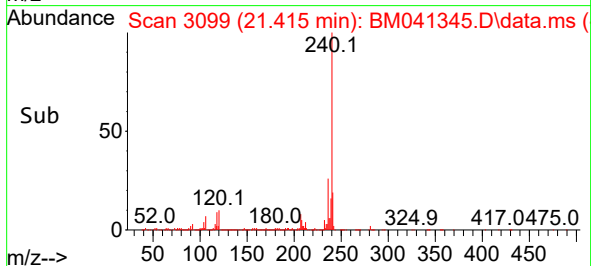
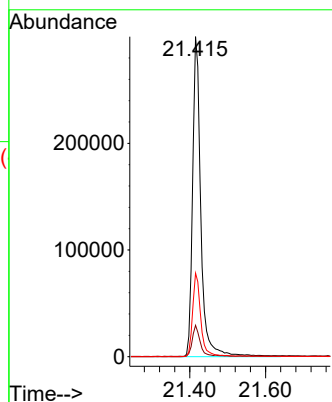
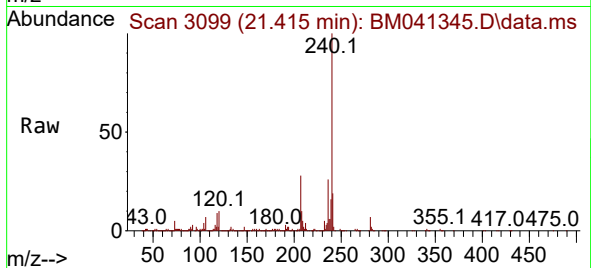
Tgt Ion:240 Resp: 456665

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 91.200 ng

RT: 19.845 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM041345.D

Acq: 09 Aug 2023 18:31

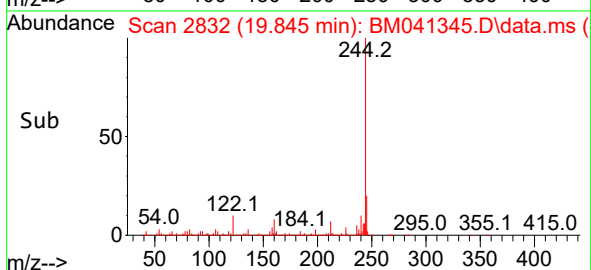
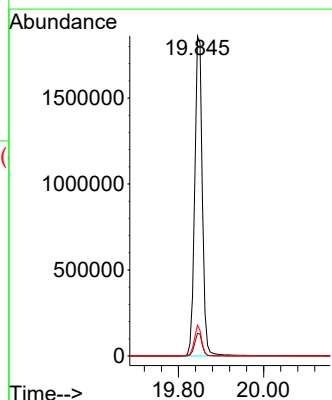
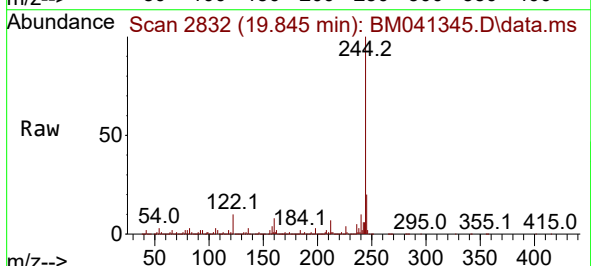
Tgt Ion:244 Resp: 2303474

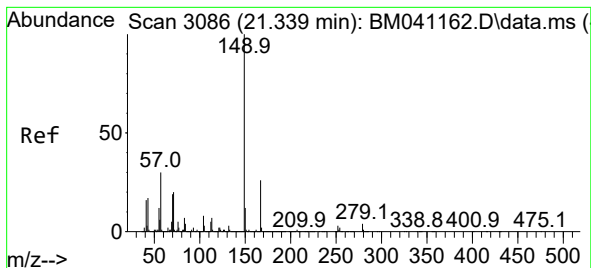
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.6 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.718 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041345.D

Acq: 09 Aug 2023 18:31

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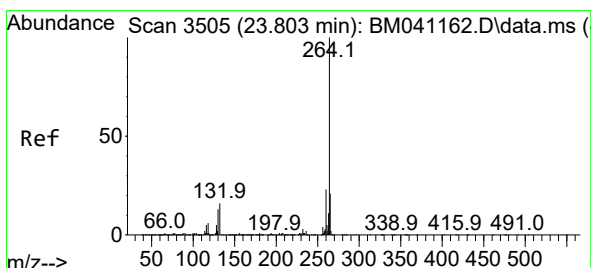
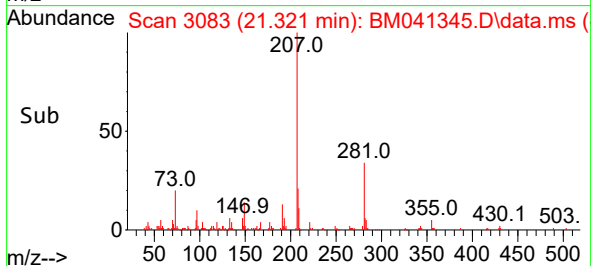
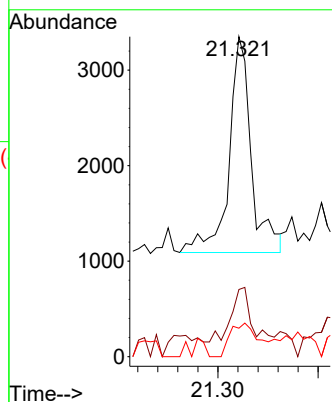
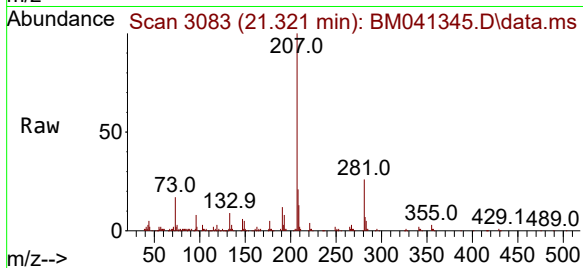
Tgt Ion:149 Resp: 3504

Ion Ratio Lower Upper

149 100

167 21.0 21.0 31.6#

279 8.9 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.785 min Scan# 3502

Delta R.T. 0.006 min

Lab File: BM041345.D

Acq: 09 Aug 2023 18:31

Tgt Ion:264 Resp: 520111

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.6 17.4 26.0

