

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032877.D
 Acq On : 04 Nov 2021 16:24
 Operator : CG/JU
 Sample : M4475-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB02B

Quant Time: Nov 07 08:48:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	109166	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	413946	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	239854	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	460135	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	442878	20.000	ng	-0.01
86) Perylene-d12	23.177	264	467130	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	795063	126.972	ng	0.00
7) Phenol-d6	6.695	99	974599	104.516	ng	0.00
23) Nitrobenzene-d5	8.642	82	615458	81.377	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	298617	111.167	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1263355	81.693	ng	0.00
79) Terphenyl-d14	19.518	244	1519500	74.907	ng	0.00

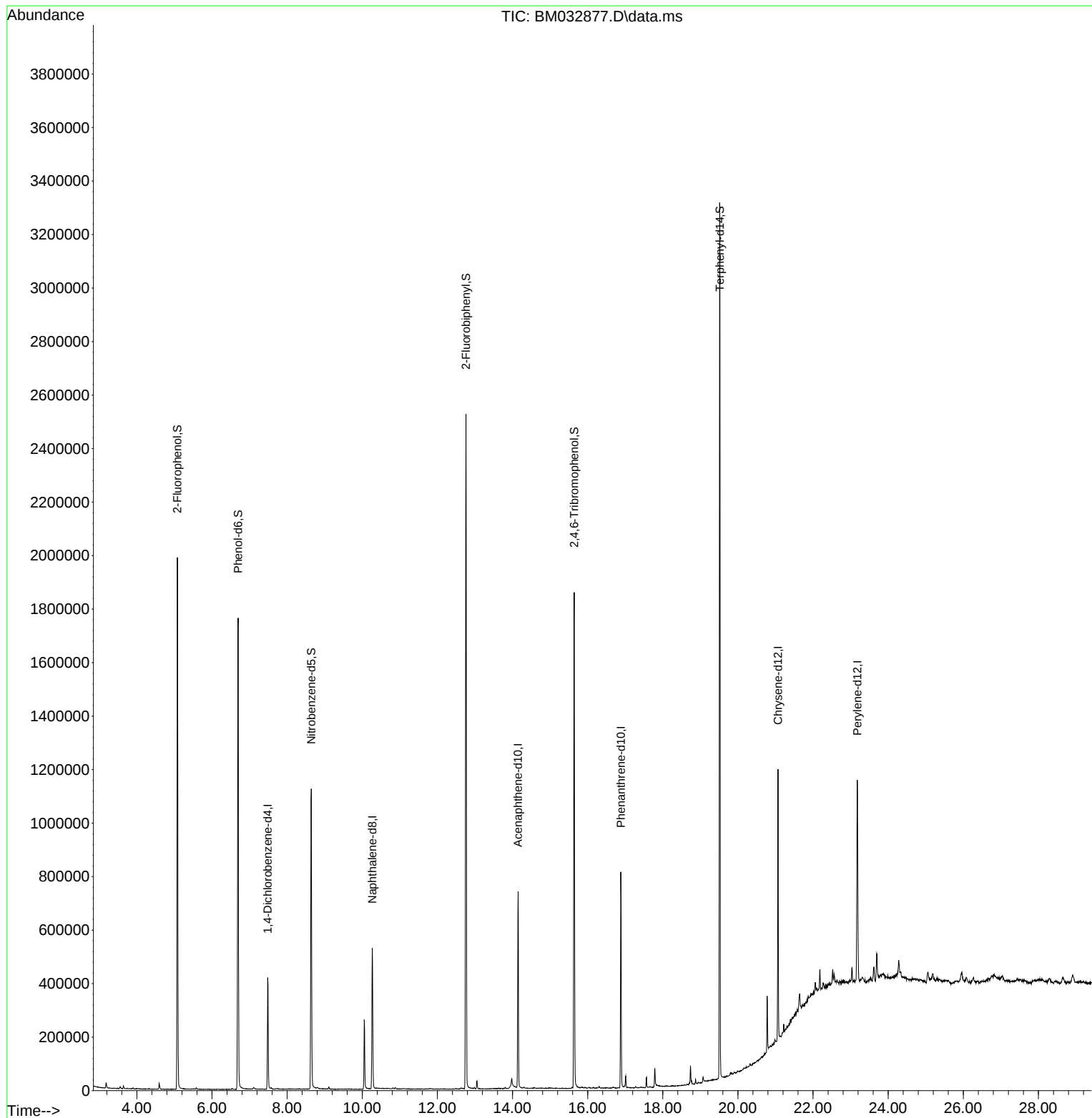
Target Compounds	Qvalue

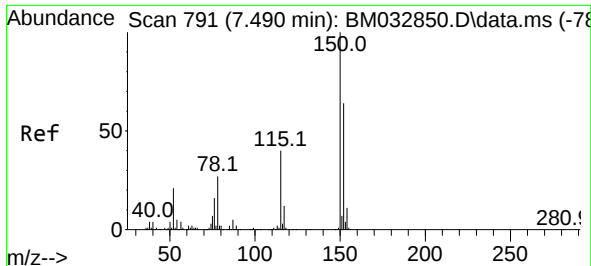
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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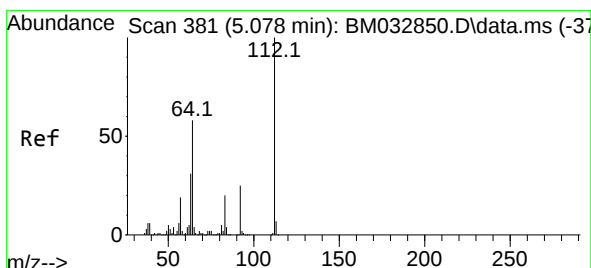
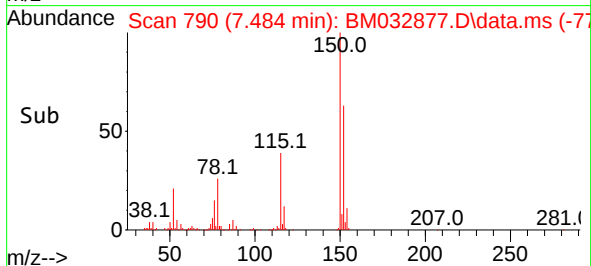
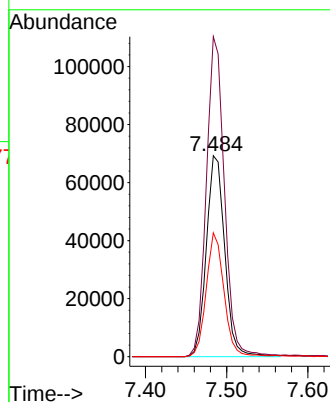
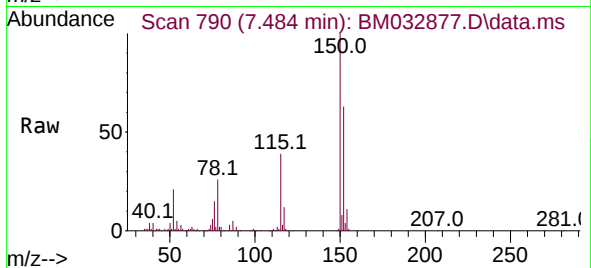




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032877.D
Acq: 04 Nov 2021 16:24

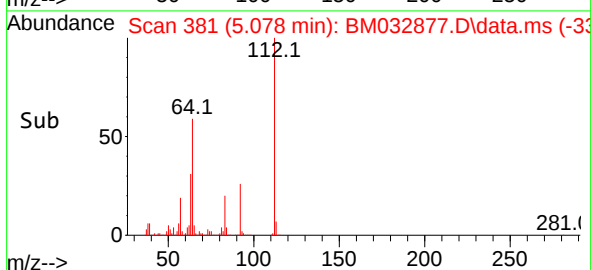
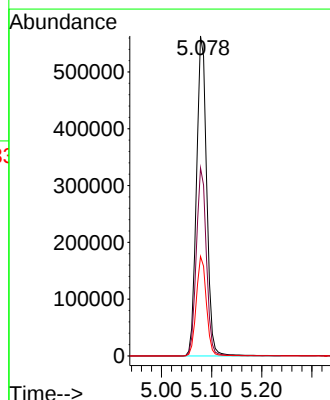
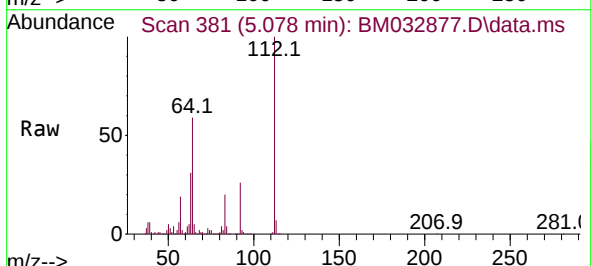
Instrument :
BNA_M
ClientSampleId :
SB02B

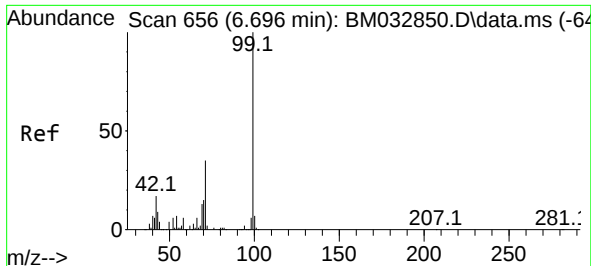
Tgt Ion:152 Resp: 109166
Ion Ratio Lower Upper
152 100
150 159.2 122.4 183.6
115 61.6 53.8 80.8



#5
2-Fluorophenol
Concen: 126.972 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032877.D
Acq: 04 Nov 2021 16:24

Tgt Ion:112 Resp: 795063
Ion Ratio Lower Upper
112 100
64 58.8 53.7 80.5
63 31.1 33.9 50.9#

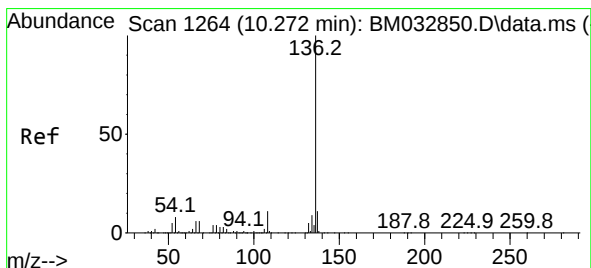
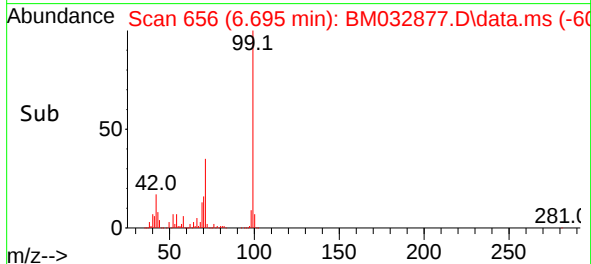
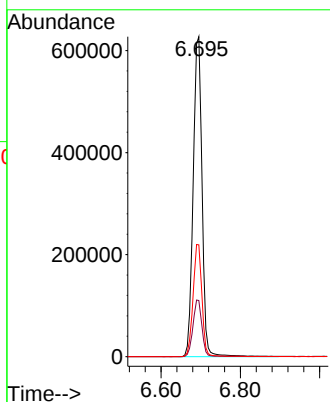
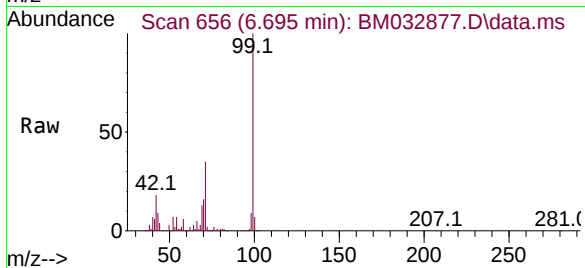




#7
Phenol-d6
Concen: 104.516 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM032877.D
Acq: 04 Nov 2021 16:24

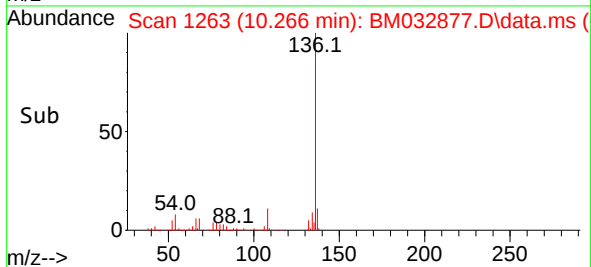
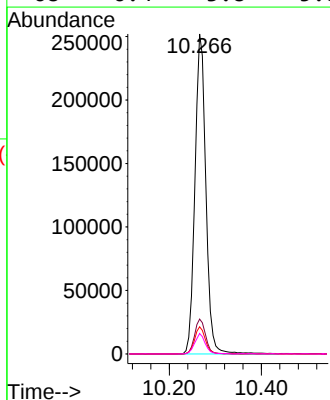
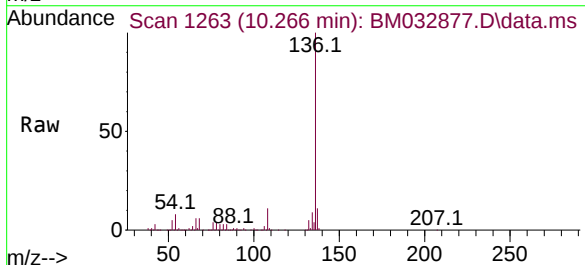
Instrument :
BNA_M
ClientSampleId :
SB02B

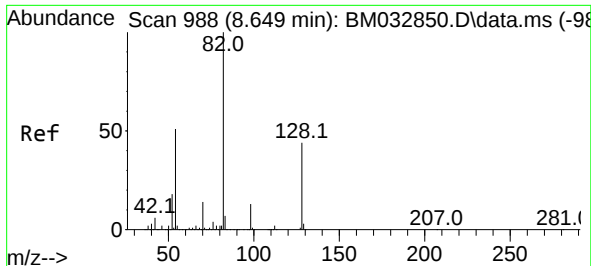
Tgt Ion: 99 Resp: 974599
Ion Ratio Lower Upper
99 100
42 17.5 23.0 34.6#
71 34.9 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032877.D
Acq: 04 Nov 2021 16:24

Tgt Ion:136 Resp: 413946
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.5 7.4 11.0
68 6.4 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 81.377 ng

RT: 8.642 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM032877.D

Acq: 04 Nov 2021 16:24

Instrument :

BNA_M

ClientSampleId :

SB02B

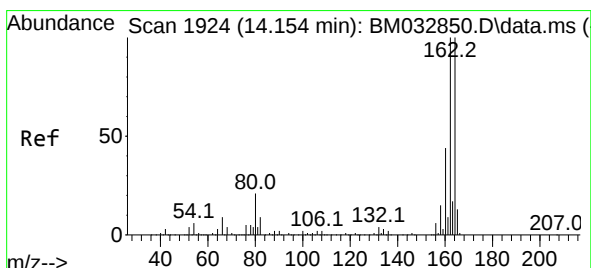
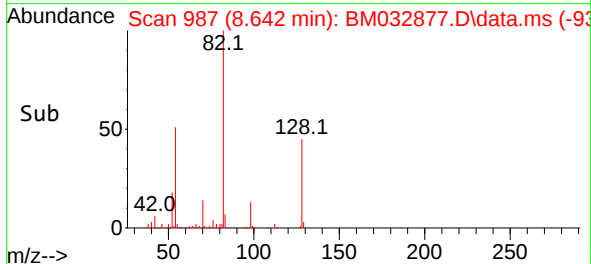
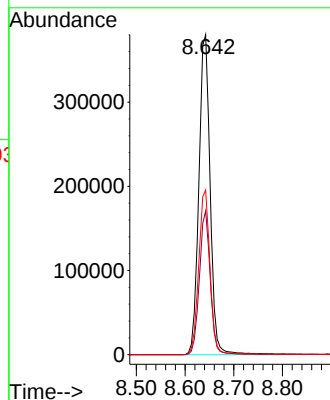
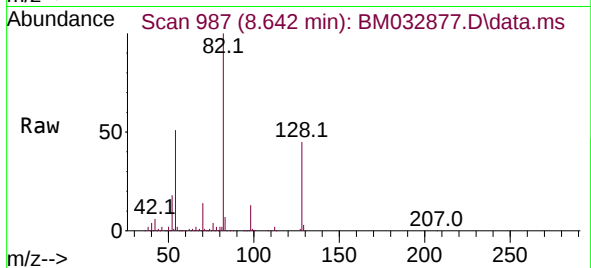
Tgt Ion: 82 Resp: 615458

Ion Ratio Lower Upper

82 100

128 44.9 29.0 43.6#

54 51.4 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.148 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BM032877.D

Acq: 04 Nov 2021 16:24

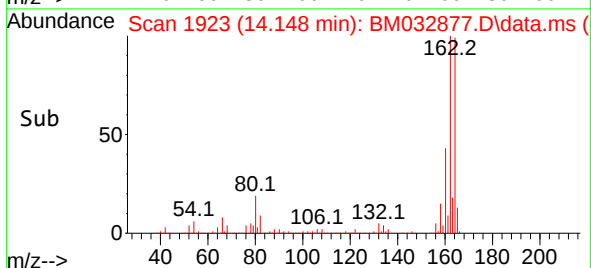
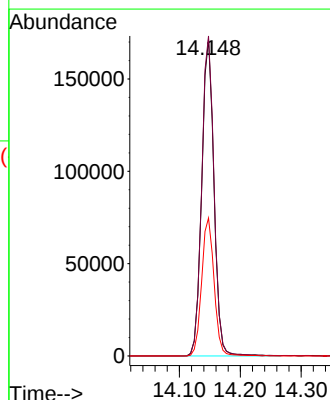
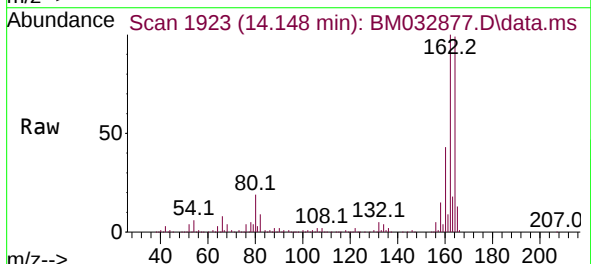
Tgt Ion: 164 Resp: 239854

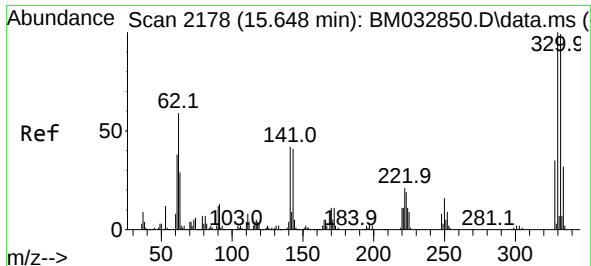
Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 111.167 ng

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032877.D

Acq: 04 Nov 2021 16:24

Instrument :

BNA_M

ClientSampleId :

SB02B

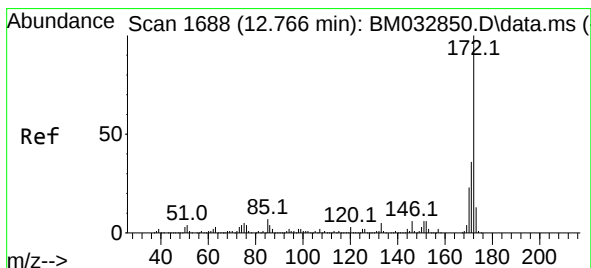
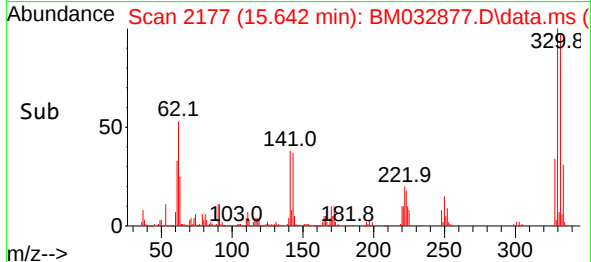
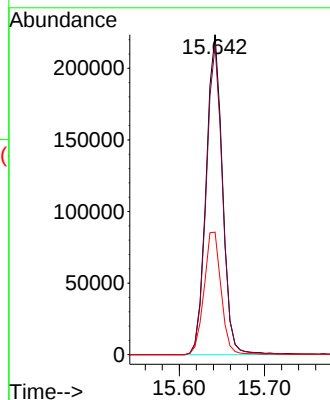
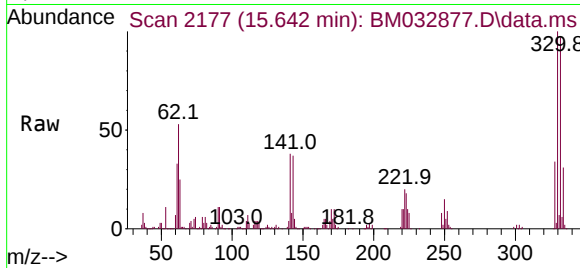
Tgt Ion:330 Resp: 298617

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

141 40.1 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 81.693 ng

RT: 12.760 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM032877.D

Acq: 04 Nov 2021 16:24

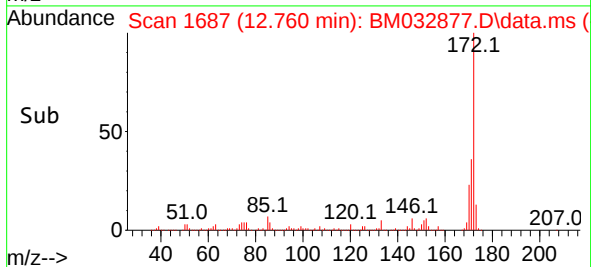
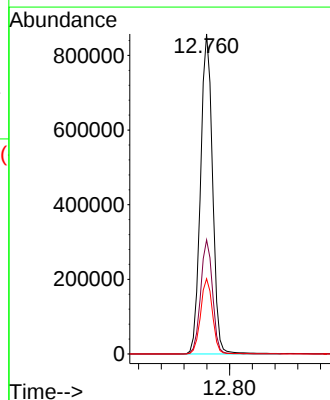
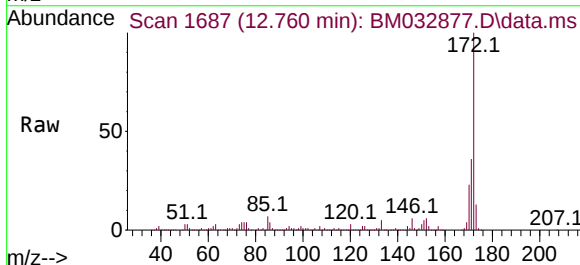
Tgt Ion:172 Resp: 1263355

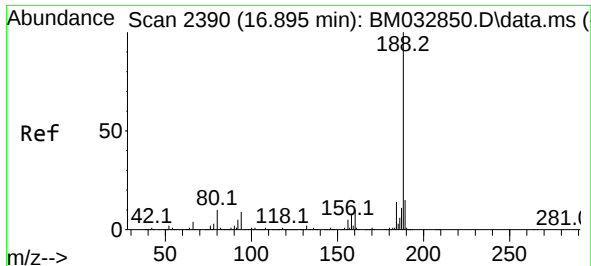
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.5 18.6 27.8

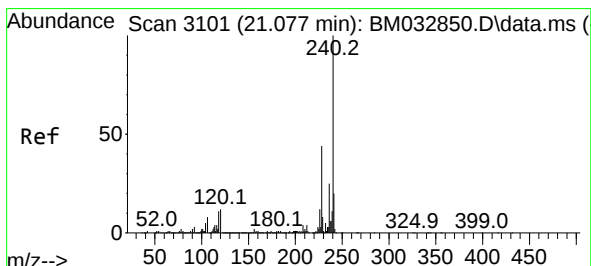
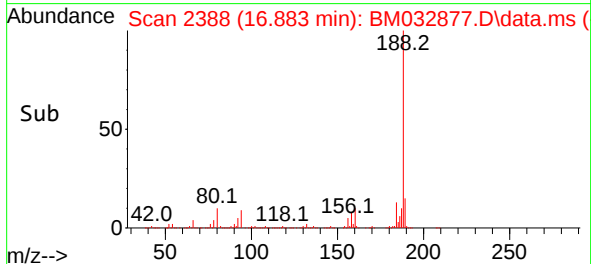
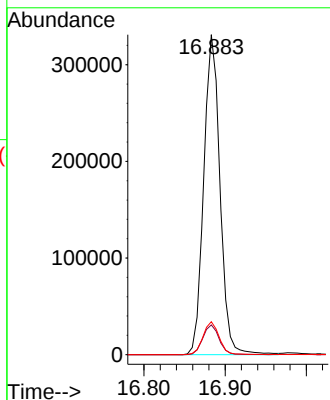
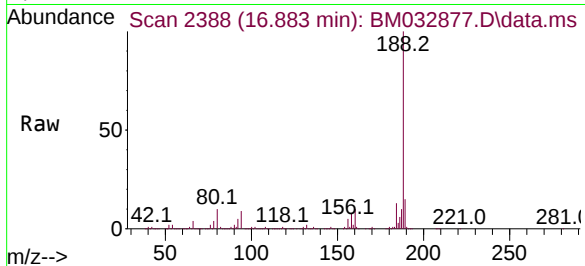




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM032877.D
Acq: 04 Nov 2021 16:24

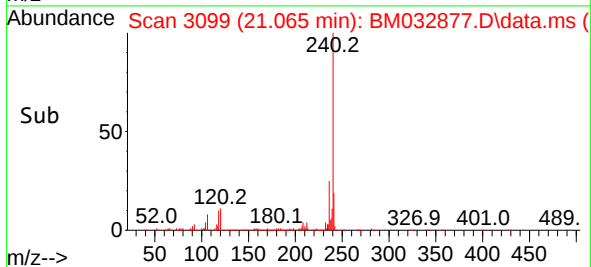
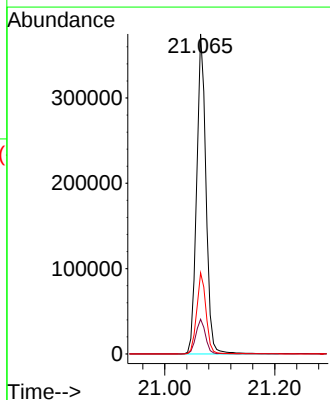
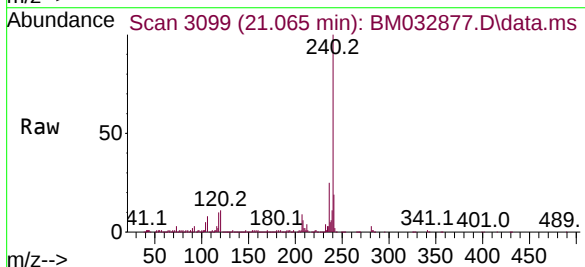
Instrument :
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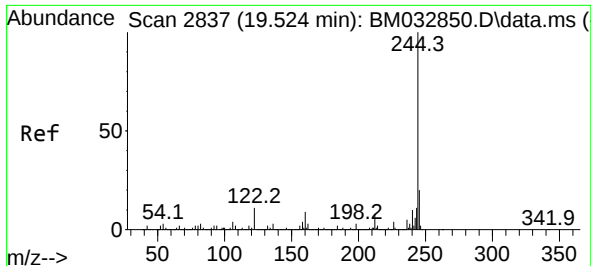
Tgt Ion:188 Resp: 460135
Ion Ratio Lower Upper
188 100
94 9.3 6.3 9.5
80 10.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032877.D
Acq: 04 Nov 2021 16:24

Tgt Ion:240 Resp: 442878
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 25.4 20.9 31.3

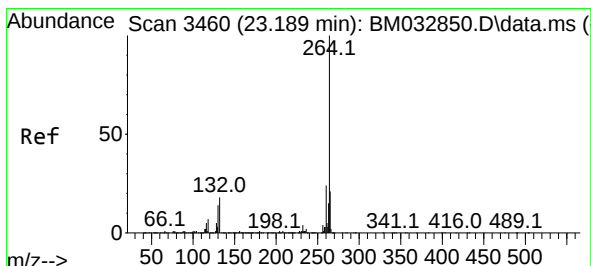
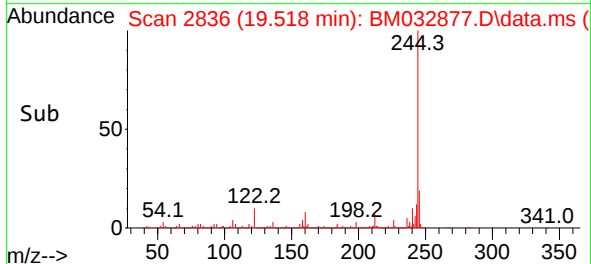
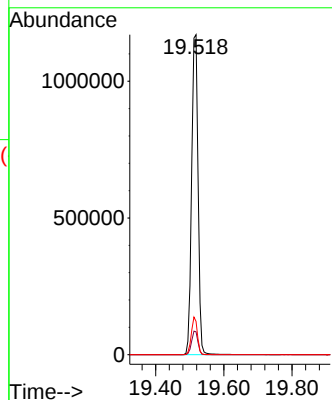
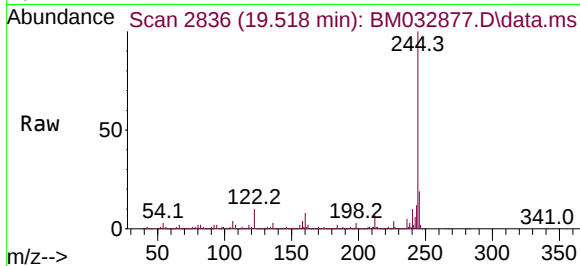




#79
 Terphenyl-d14
 Concen: 74.907 ng
 RT: 19.518 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM032877.D
 Acq: 04 Nov 2021 16:24

Instrument :
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Tgt Ion:244 Resp: 1519500
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 10.4 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.177 min Scan# 3458
 Delta R.T. -0.012 min
 Lab File: BM032877.D
 Acq: 04 Nov 2021 16:24

Tgt Ion:264 Resp: 467130
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.9 18.3 27.5

