

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110221\
 Data File : BM032855.D
 Acq On : 02 Nov 2021 17:19
 Operator : CG/JU
 Sample : PB140166BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB140166BL

Quant Time: Nov 02 17:54:58 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	7.489	152	118511	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	509229	20.000	ng	# 0.00
39) Acenaphthene-d10	14.154	164	361406	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	794171	20.000	ng	0.00
76) Chrysene-d12	21.071	240	735079	20.000	ng	# 0.00
86) Perylene-d12	23.188	264	692995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	1172897	172.542	ng	0.00
7) Phenol-d6	6.695	99	1531778	151.314	ng	0.00
23) Nitrobenzene-d5	8.648	82	955235	102.670	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	583719	144.217	ng	0.00
45) 2-Fluorobiphenyl	12.766	172	2255050	96.776	ng	0.00
79) Terphenyl-d14	19.524	244	3268455	97.076	ng	0.00

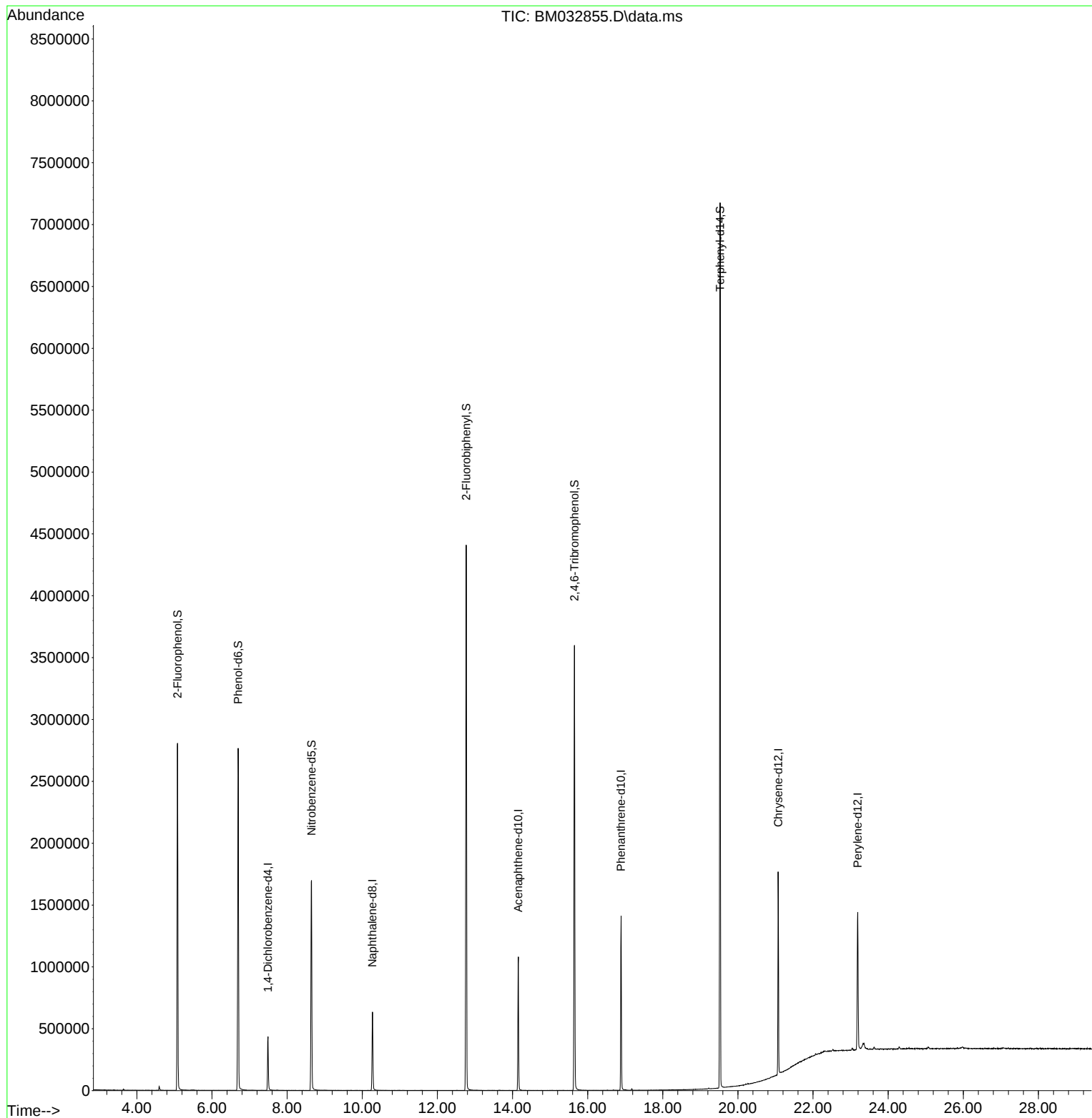
Target Compounds	Qvalue

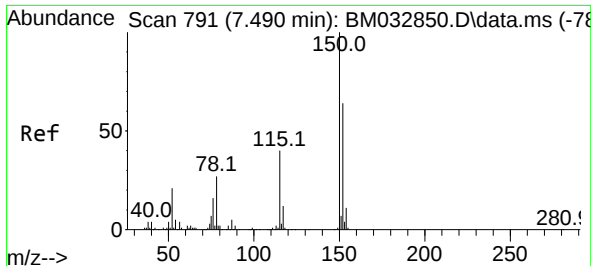
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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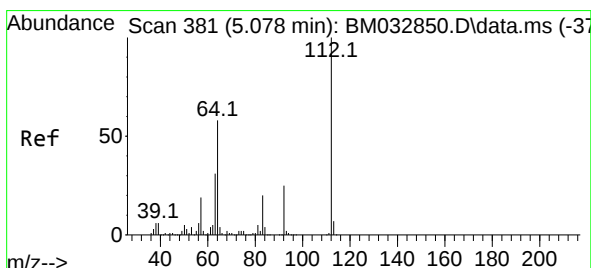
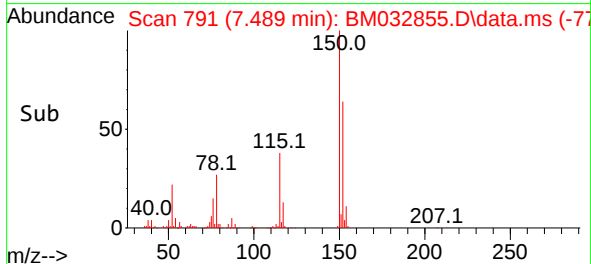
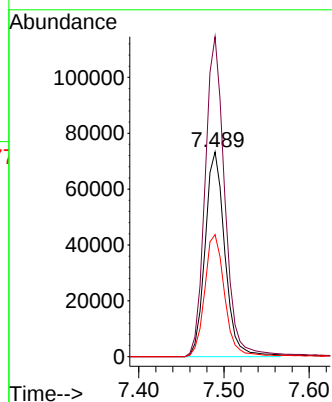
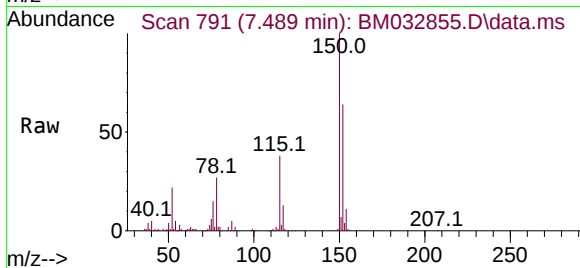




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.001 min
Lab File: BM032855.D
Acq: 02 Nov 2021 17:19

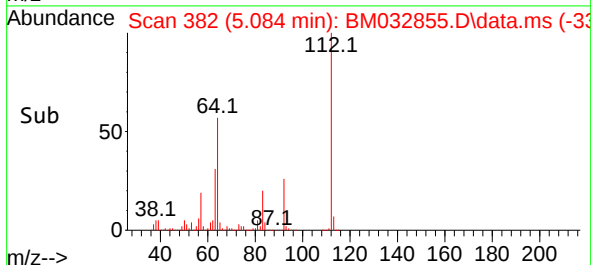
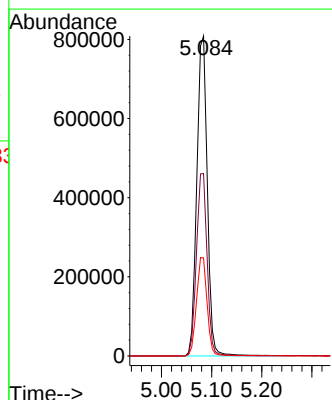
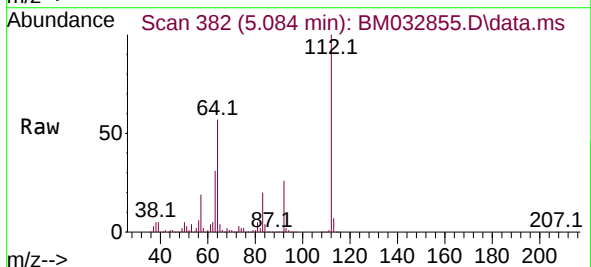
Instrument :
BNA_M
ClientSampleId :
PB140166BL

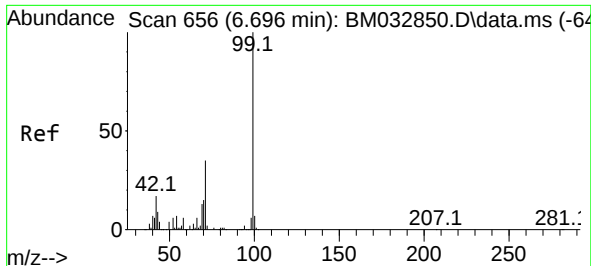
Tgt Ion:152 Resp: 118511
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 59.6 53.8 80.8



#5
2-Fluorophenol
Concen: 172.542 ng
RT: 5.084 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM032855.D
Acq: 02 Nov 2021 17:19

Tgt Ion:112 Resp: 1172897
Ion Ratio Lower Upper
112 100
64 57.0 53.7 80.5
63 30.7 33.9 50.9#

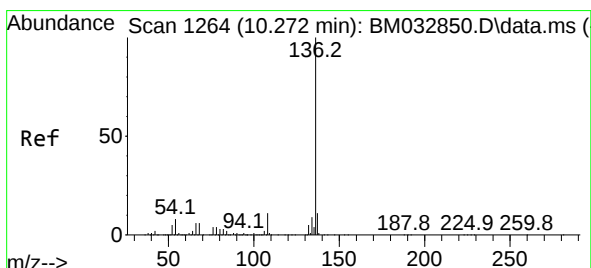
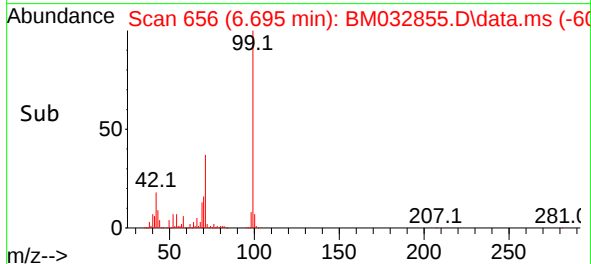
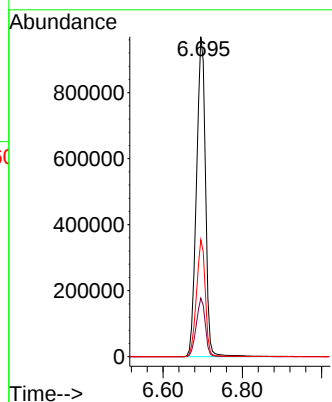
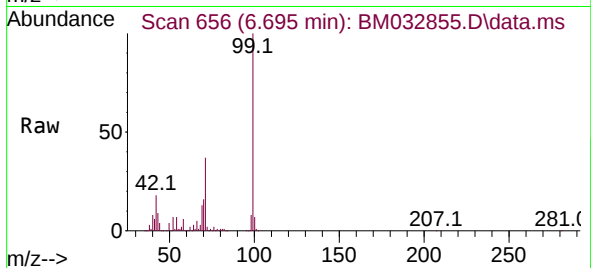




#7
Phenol-d6
Concen: 151.314 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM032855.D
Acq: 02 Nov 2021 17:19

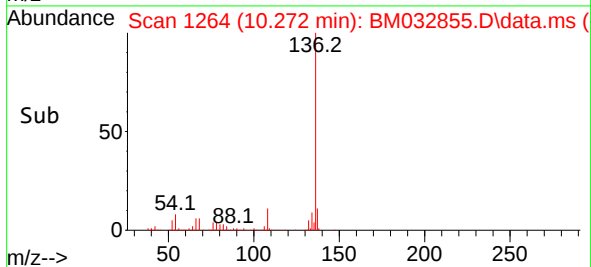
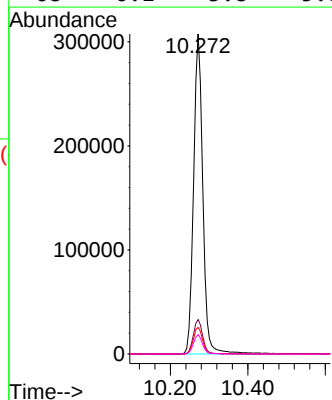
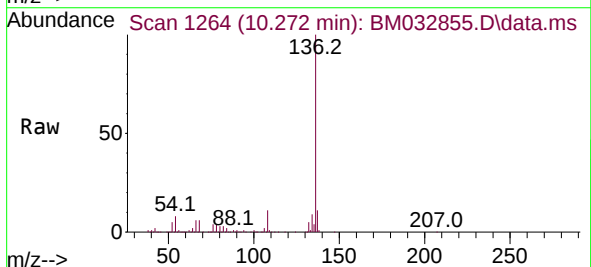
Instrument :
BNA_M
ClientSampleId :
PB140166BL

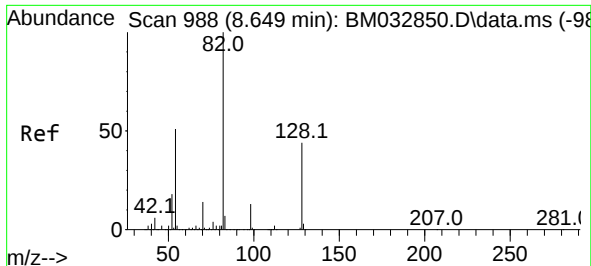
Tgt Ion: 99 Resp: 1531778
Ion Ratio Lower Upper
99 100
42 18.3 23.0 34.6#
71 36.6 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM032855.D
Acq: 02 Nov 2021 17:19

Tgt Ion: 136 Resp: 509229
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.3 7.4 11.0
68 6.1 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 102.670 ng

RT: 8.648 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM032855.D

Acq: 02 Nov 2021 17:19

Instrument :

BNA_M

ClientSampleId :

PB140166BL

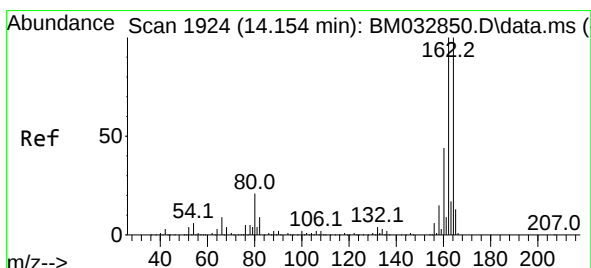
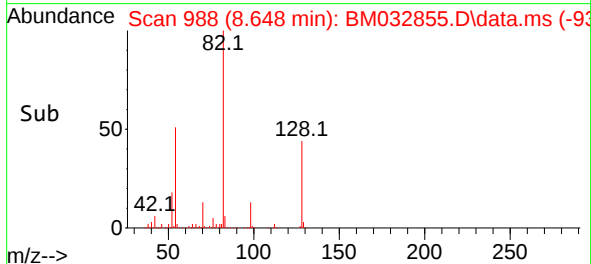
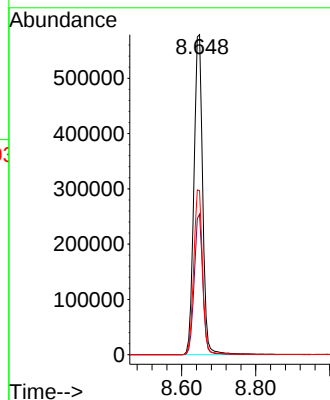
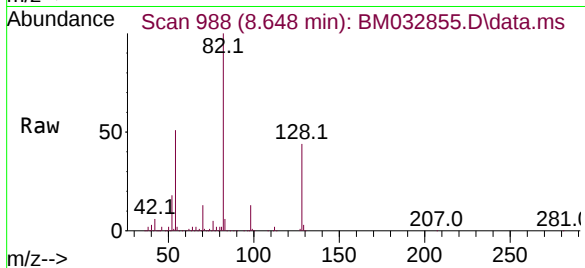
Tgt Ion: 82 Resp: 955235

Ion Ratio Lower Upper

82 100

128 43.9 29.0 43.6#

54 51.3 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.154 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BM032855.D

Acq: 02 Nov 2021 17:19

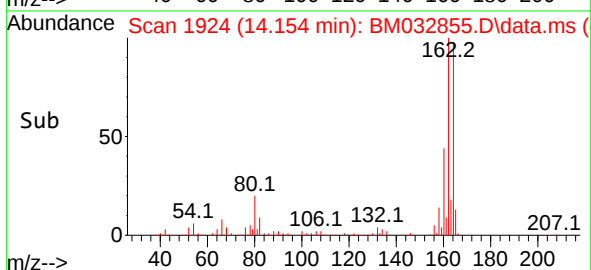
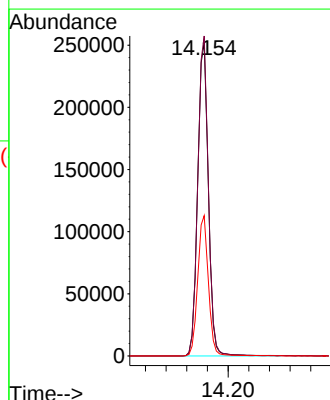
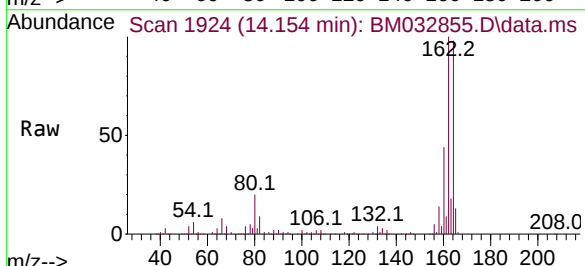
Tgt Ion: 164 Resp: 361406

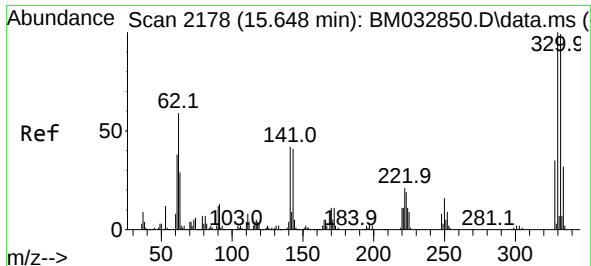
Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 144.217 ng

RT: 15.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM032855.D

Acq: 02 Nov 2021 17:19

Instrument :

BNA_M

ClientSampleId :

PB140166BL

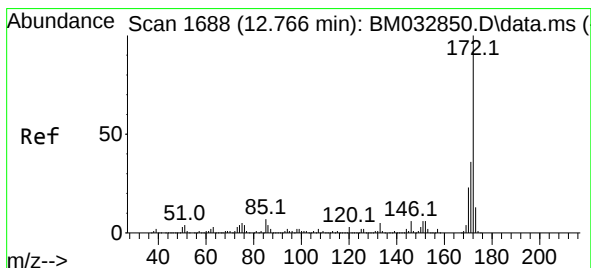
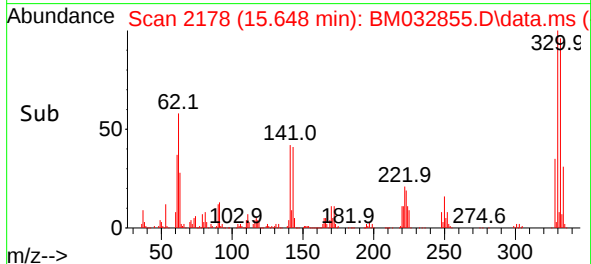
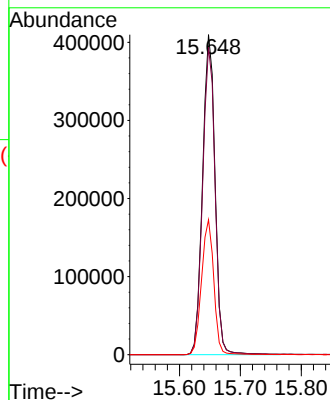
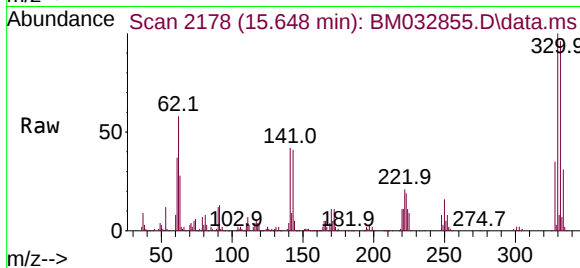
Tgt Ion:330 Resp: 583719

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

141 41.4 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 96.776 ng

RT: 12.766 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM032855.D

Acq: 02 Nov 2021 17:19

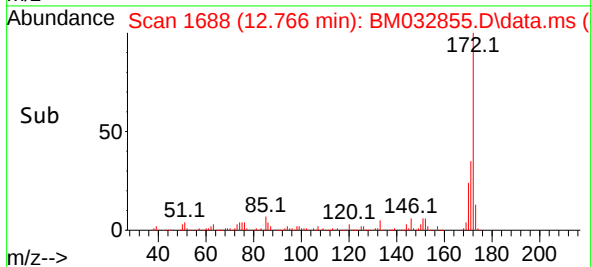
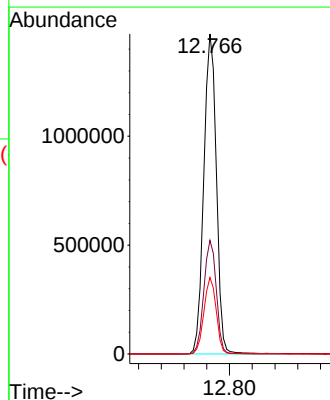
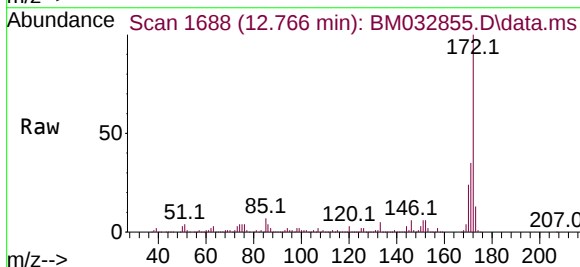
Tgt Ion:172 Resp: 2255050

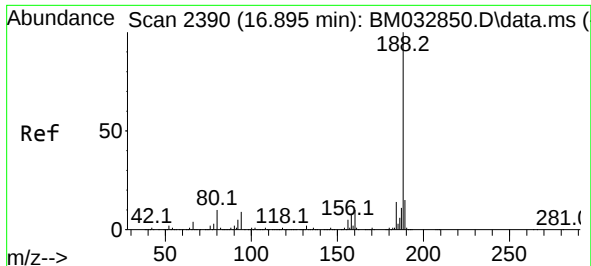
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.9 18.6 27.8

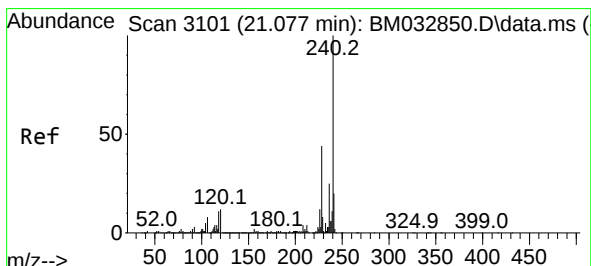
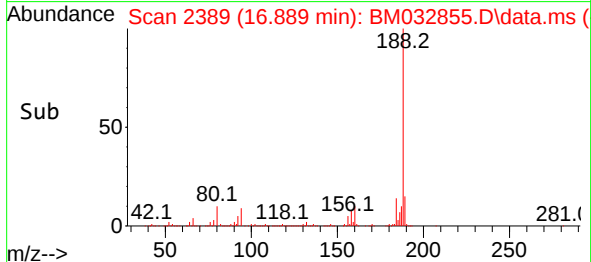
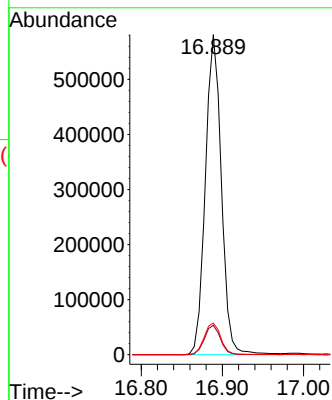
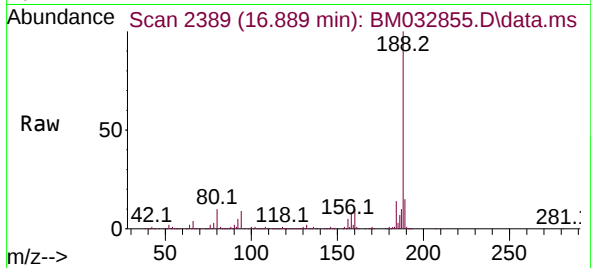




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032855.D
Acq: 02 Nov 2021 17:19

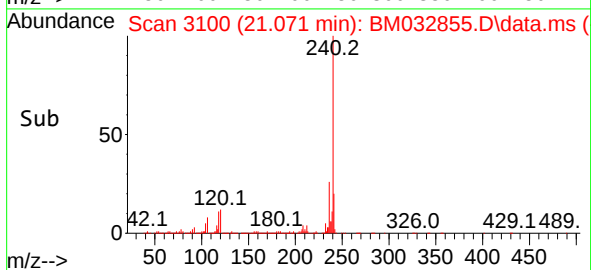
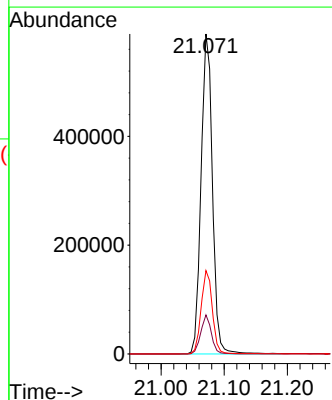
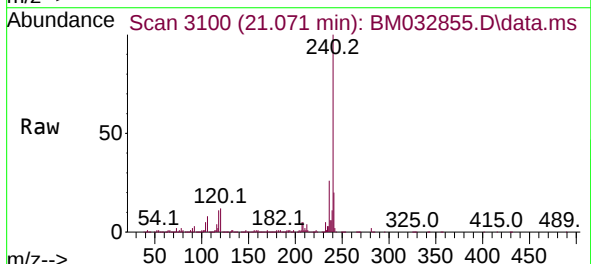
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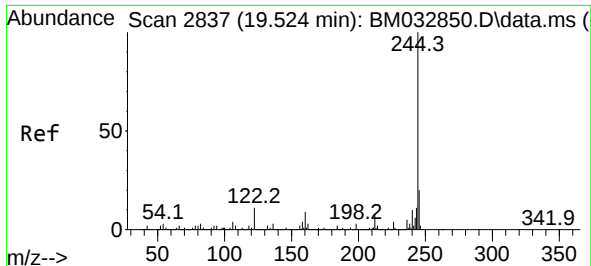
Tgt Ion:188 Resp: 794171
Ion Ratio Lower Upper
188 100
94 9.2 6.3 9.5
80 9.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM032855.D
Acq: 02 Nov 2021 17:19

Tgt Ion:240 Resp: 735079
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 26.0 20.9 31.3

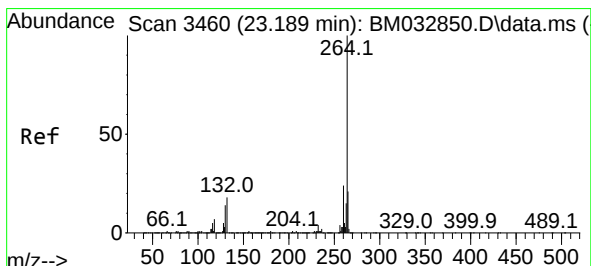
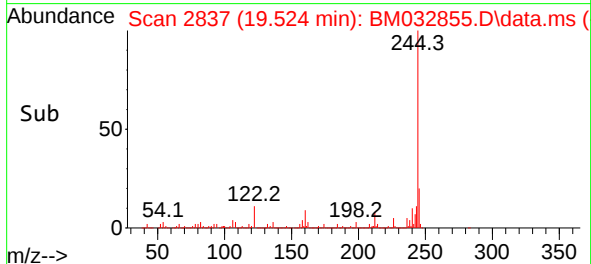
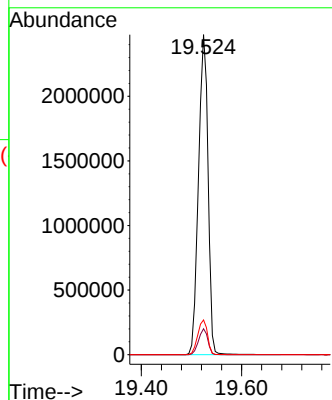
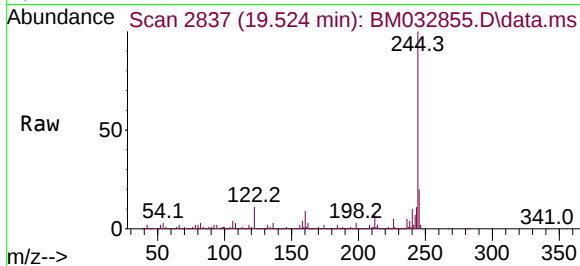




#79
 Terphenyl-d14
 Concen: 97.076 ng
 RT: 19.524 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM032855.D
 Acq: 02 Nov 2021 17:19

Instrument :
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Tgt Ion:244 Resp: 3268455
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 10.9 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.188 min Scan# 3460
 Delta R.T. -0.000 min
 Lab File: BM032855.D
 Acq: 02 Nov 2021 17:19

Tgt Ion:264 Resp: 692995
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.9 18.3 27.5

