

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033687.D
 Acq On : 10 Jan 2022 15:26
 Operator : CG/JU
 Sample : PB141902BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141902BL

Quant Time: Jan 11 02:25:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	171460	20.000	ng	0.00
21) Naphthalene-d8	10.789	136	702190	20.000	ng	-0.02
39) Acenaphthene-d10	14.613	164	402179	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	639835	20.000	ng	-0.01
76) Chrysene-d12	21.512	240	625489	20.000	ng	-0.01
86) Perylene-d12	23.935	264	683239	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	1482067	136.325	ng	0.00
7) Phenol-d6	7.137	99	1854189	126.546	ng	0.00
23) Nitrobenzene-d5	9.142	82	1268076	83.401	ng	-0.01
42) 2,4,6-Tribromophenol	16.095	330	541636	128.941	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	2670619	86.975	ng	-0.01
79) Terphenyl-d14	19.959	244	2551631	73.429	ng	-0.01

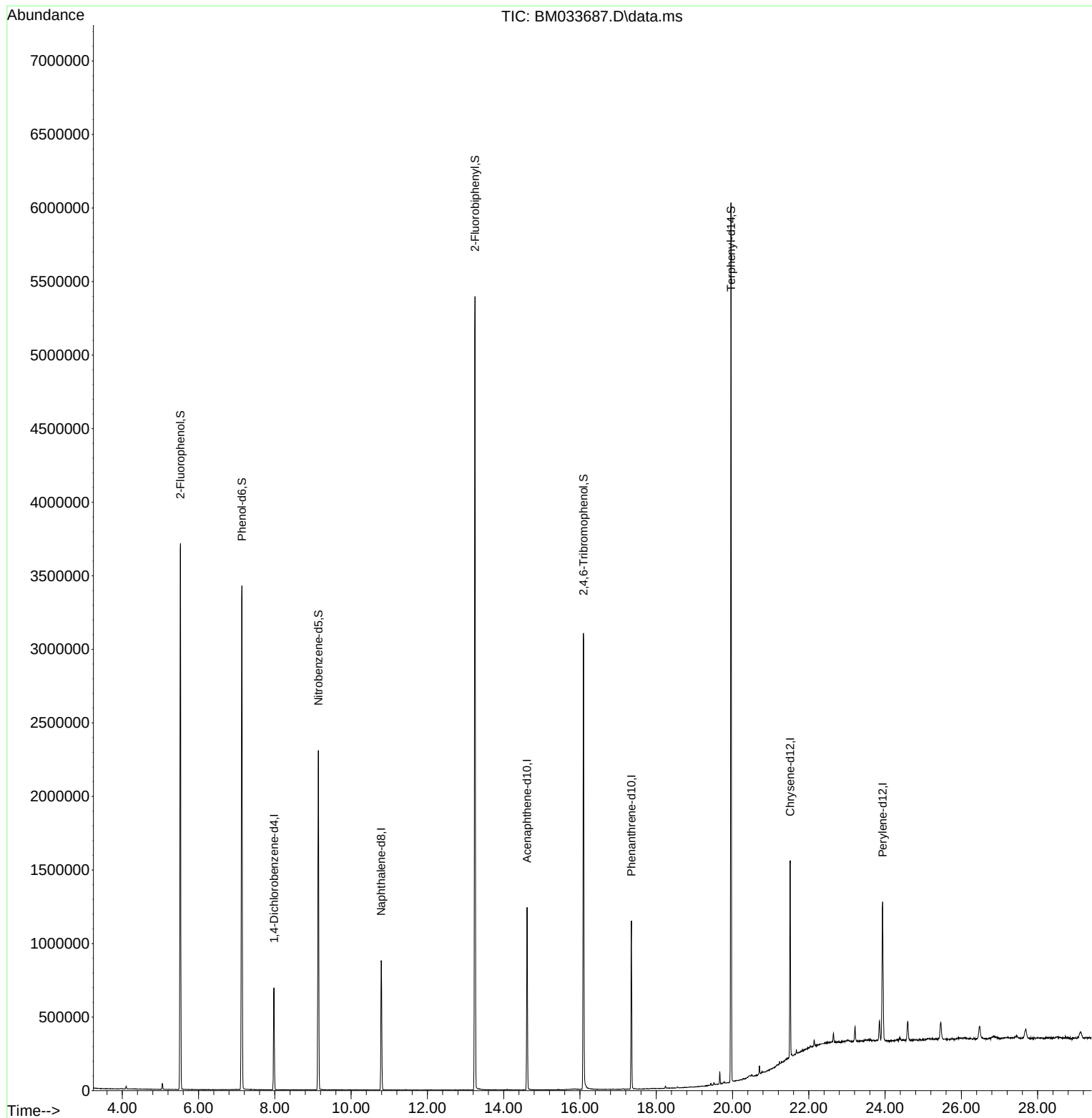
Target Compounds	Qvalue

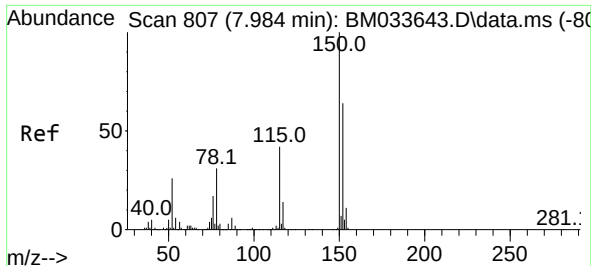
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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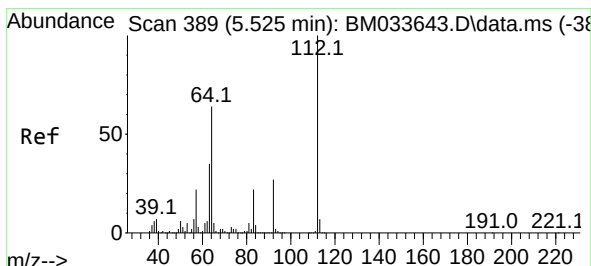
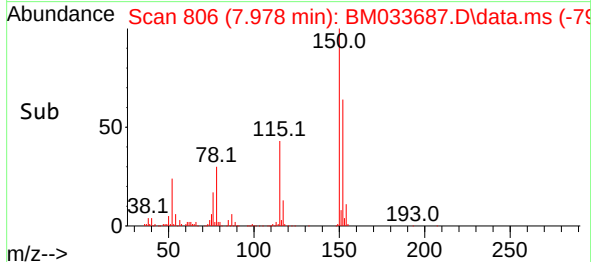
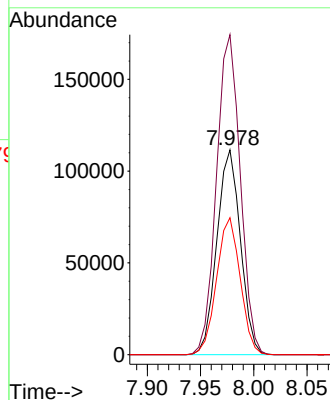
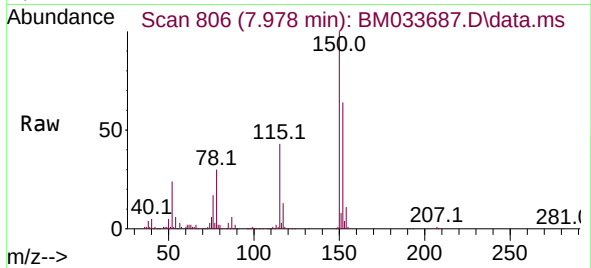




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

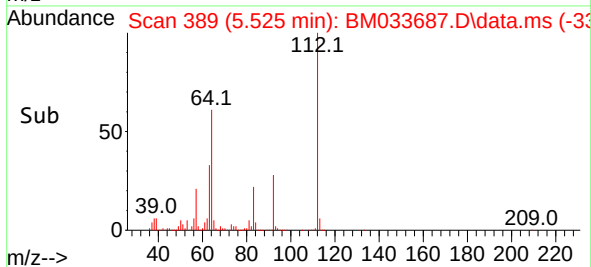
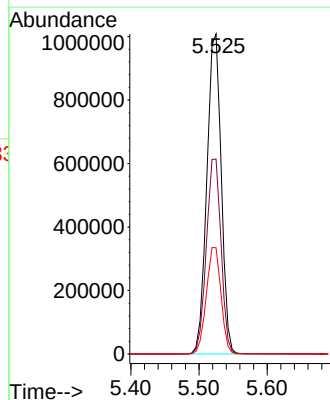
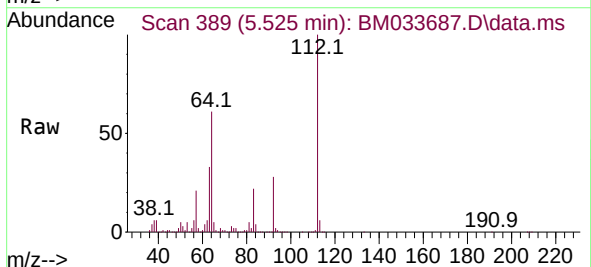
Instrument :
BNA_M
ClientSampleId :
PB141902BL

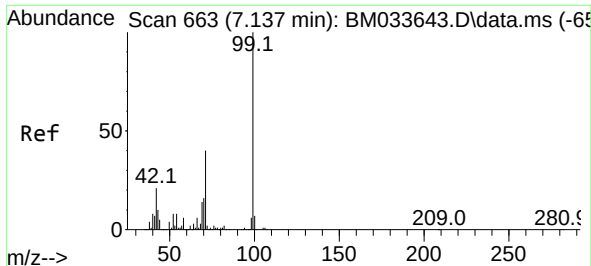
Tgt Ion:152 Resp: 171460
Ion Ratio Lower Upper
152 100
150 156.3 128.9 193.3
115 66.9 53.0 79.6



#5
2-Fluorophenol
Concen: 136.325 ng
RT: 5.525 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

Tgt Ion:112 Resp: 1482067
Ion Ratio Lower Upper
112 100
64 60.9 55.5 83.3
63 33.2 31.3 46.9

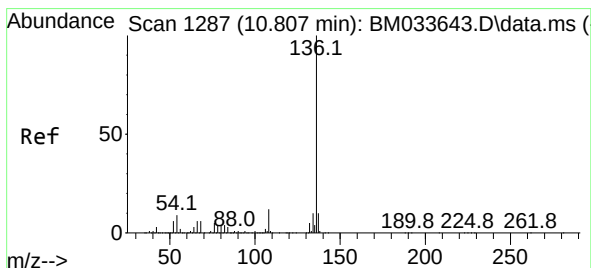
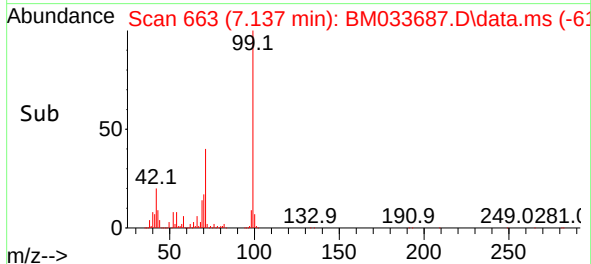
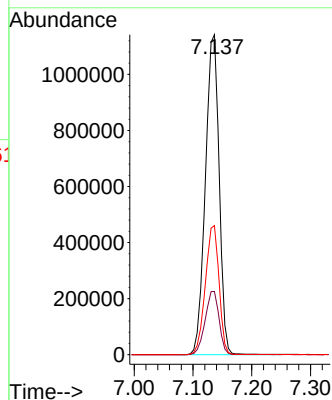
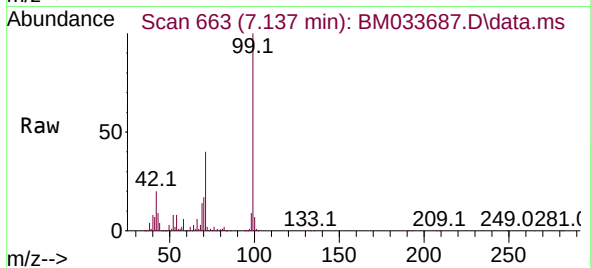




#7
Phenol-d6
Concen: 126.546 ng
RT: 7.137 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

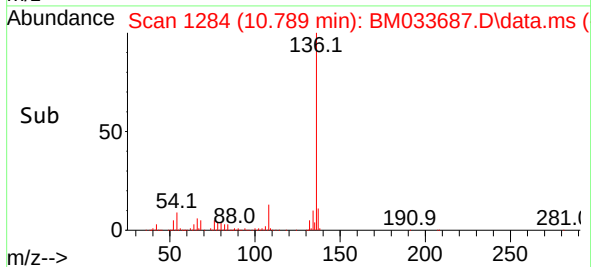
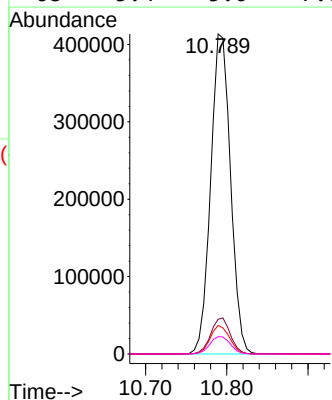
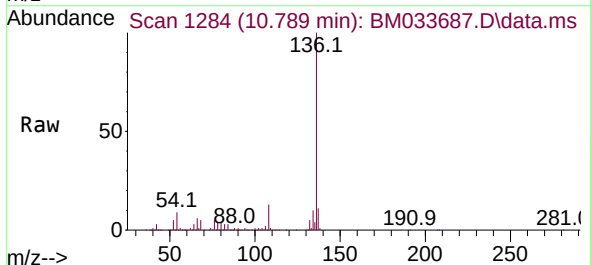
Instrument :
BNA_M
ClientSampleId :
PB141902BL

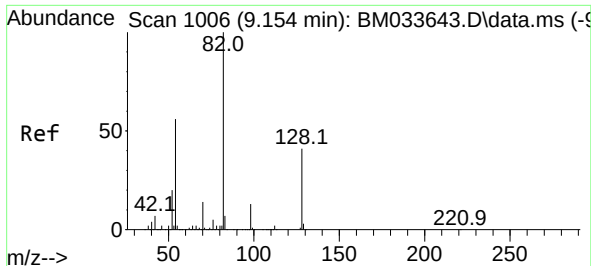
Tgt Ion: 99 Resp: 1854189
Ion Ratio Lower Upper
99 100
42 19.8 20.3 30.5#
71 40.4 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.789 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

Tgt Ion:136 Resp: 702190
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 8.3 12.5
68 5.4 5.0 7.6

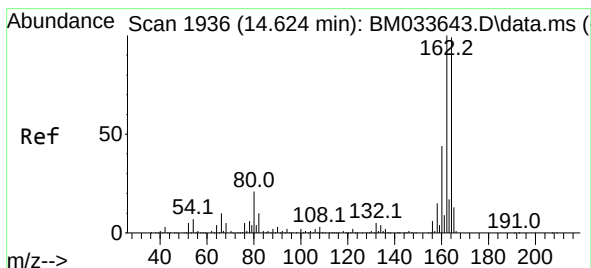
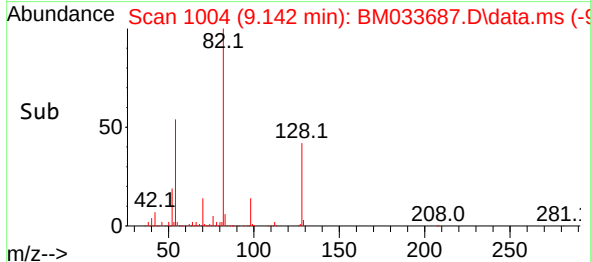
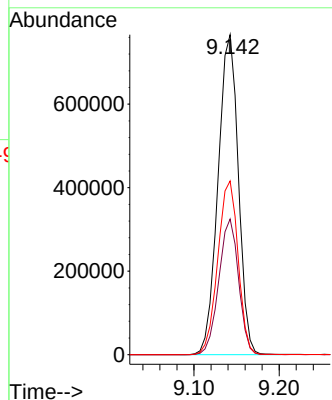
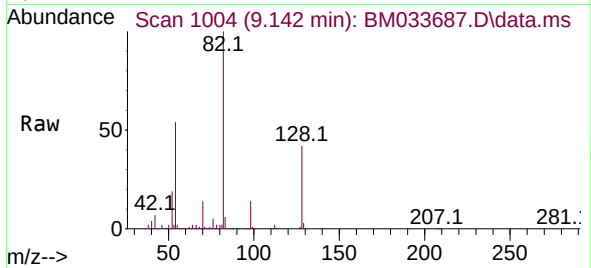




#23
Nitrobenzene-d5
Concen: 83.401 ng
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

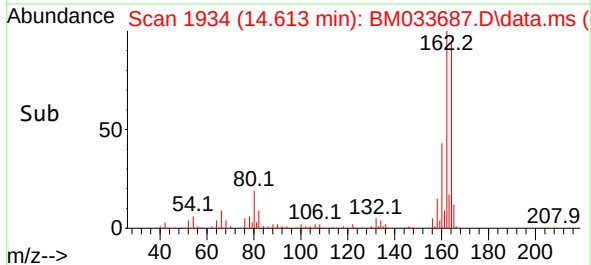
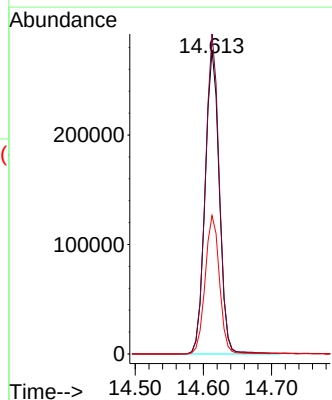
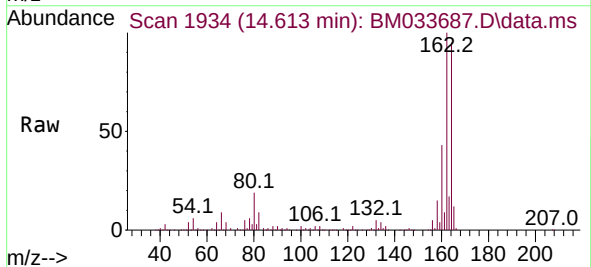
Instrument :
BNA_M
ClientSampleId :
PB141902BL

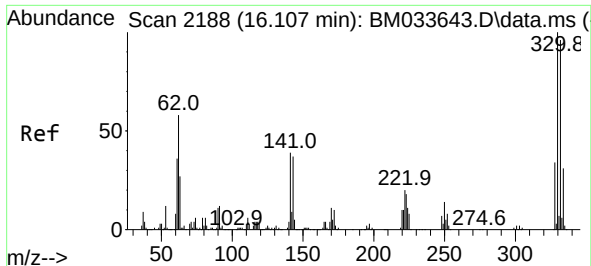
Tgt Ion: 82 Resp: 1268076
Ion Ratio Lower Upper
82 100
128 42.4 28.1 42.1#
54 54.3 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

Tgt Ion:164 Resp: 402179
Ion Ratio Lower Upper
164 100
162 105.3 79.7 119.5
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 128.941 ng

RT: 16.095 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM033687.D

Acq: 10 Jan 2022 15:26

Instrument :

BNA_M

ClientSampleId :

PB141902BL

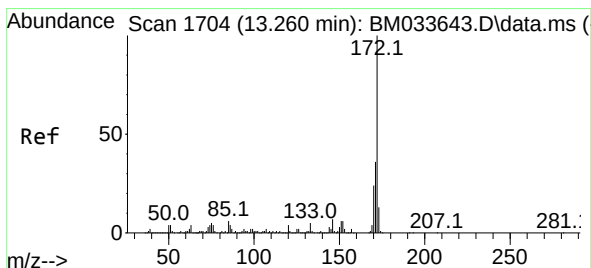
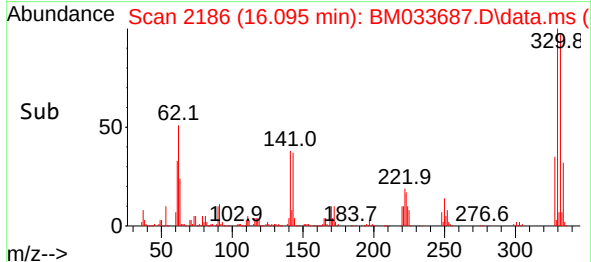
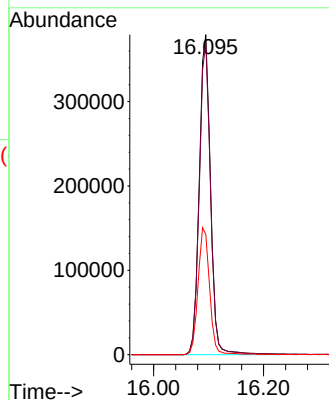
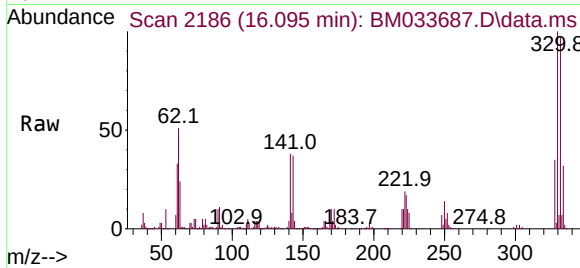
Tgt Ion:330 Resp: 541636

Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 40.7 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 86.975 ng

RT: 13.248 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM033687.D

Acq: 10 Jan 2022 15:26

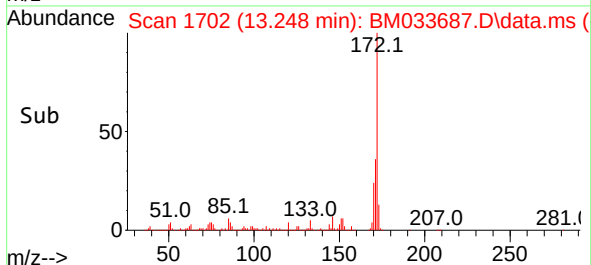
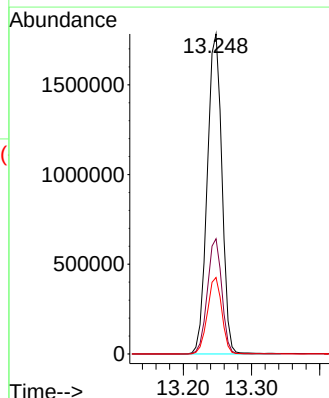
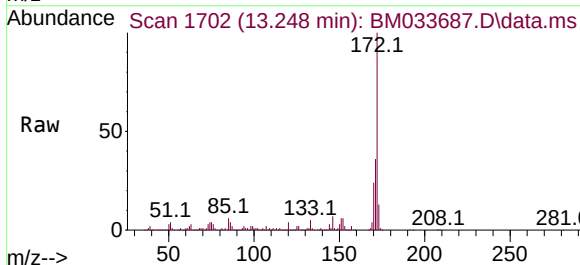
Tgt Ion:172 Resp: 2670619

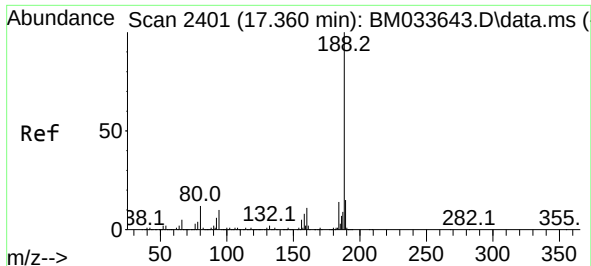
Ion Ratio Lower Upper

172 100

171 36.0 27.2 40.8

170 23.9 18.7 28.1

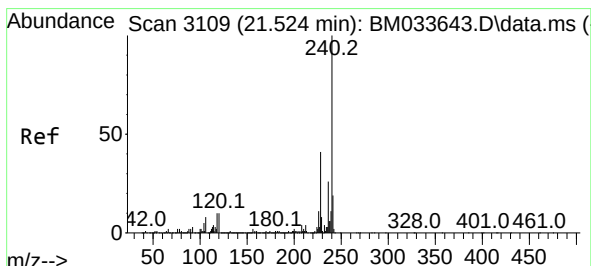
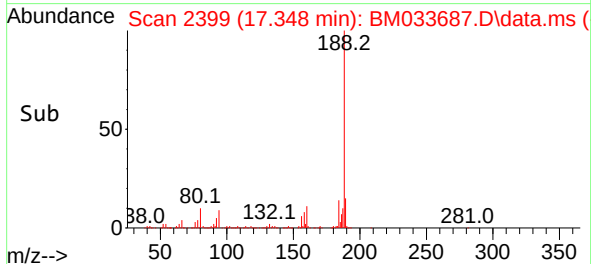
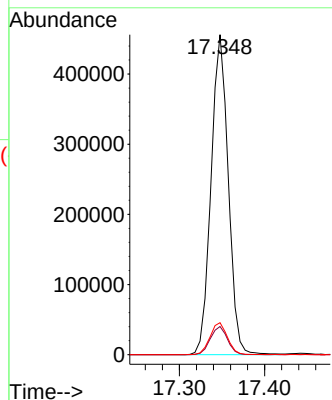
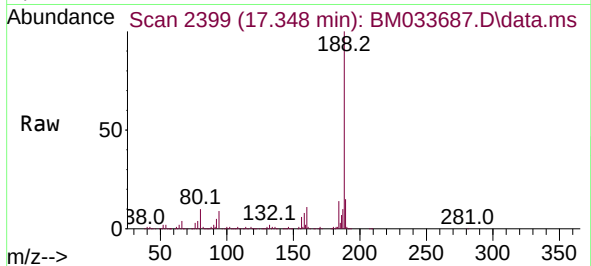




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

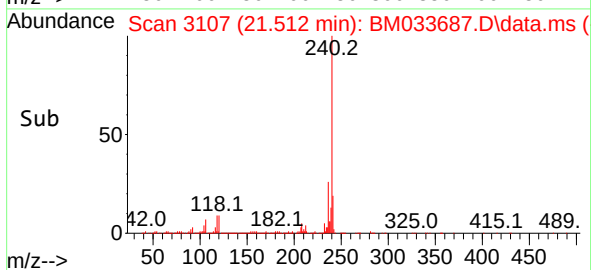
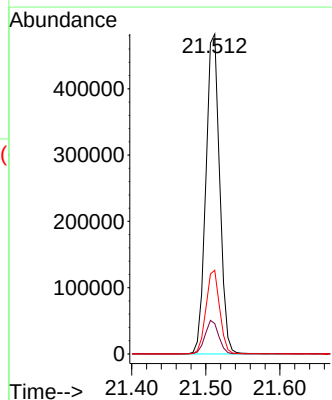
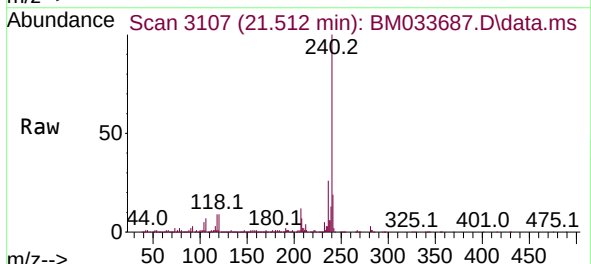
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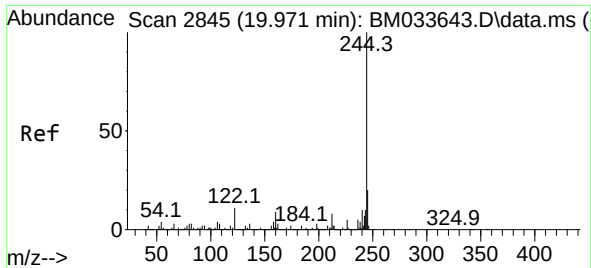
Tgt Ion:188 Resp: 639835
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033687.D
Acq: 10 Jan 2022 15:26

Tgt Ion:240 Resp: 625489
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 26.2 20.3 30.5

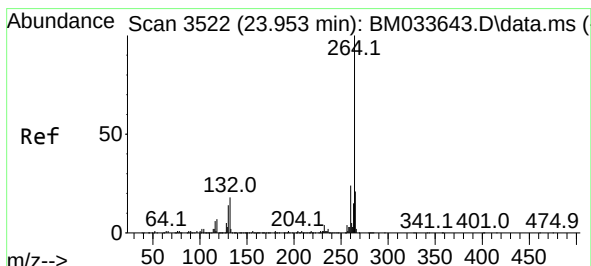
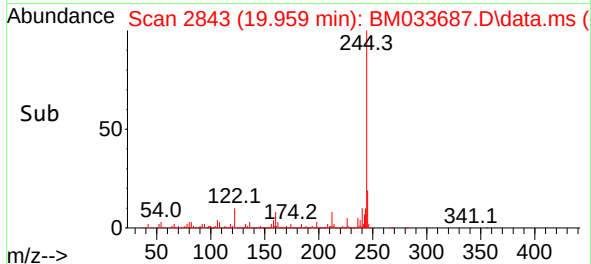
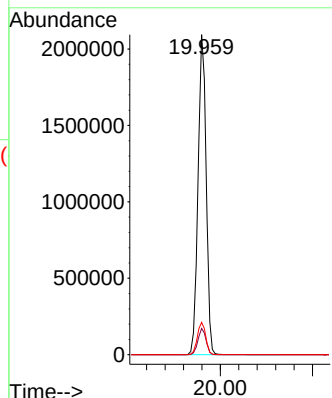
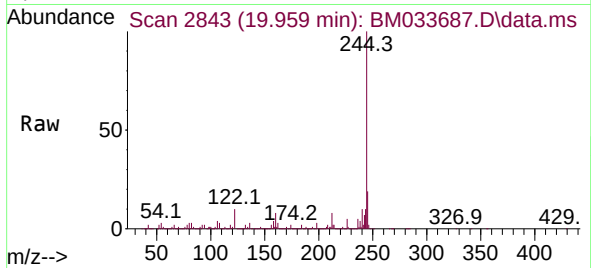




#79
 Terphenyl-d14
 Concen: 73.429 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033687.D
 Acq: 10 Jan 2022 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB141902BL

Tgt Ion:244 Resp: 2551631
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 10.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.935 min Scan# 3519
 Delta R.T. -0.018 min
 Lab File: BM033687.D
 Acq: 10 Jan 2022 15:26

Tgt Ion:264 Resp: 683239
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.7 26.5
 265 21.8 17.7 26.5

