

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033696.D
 Acq On : 12 Jan 2022 13:21
 Operator : CG/JU
 Sample : PB141980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141980BL

Quant Time: Jan 13 07:50:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

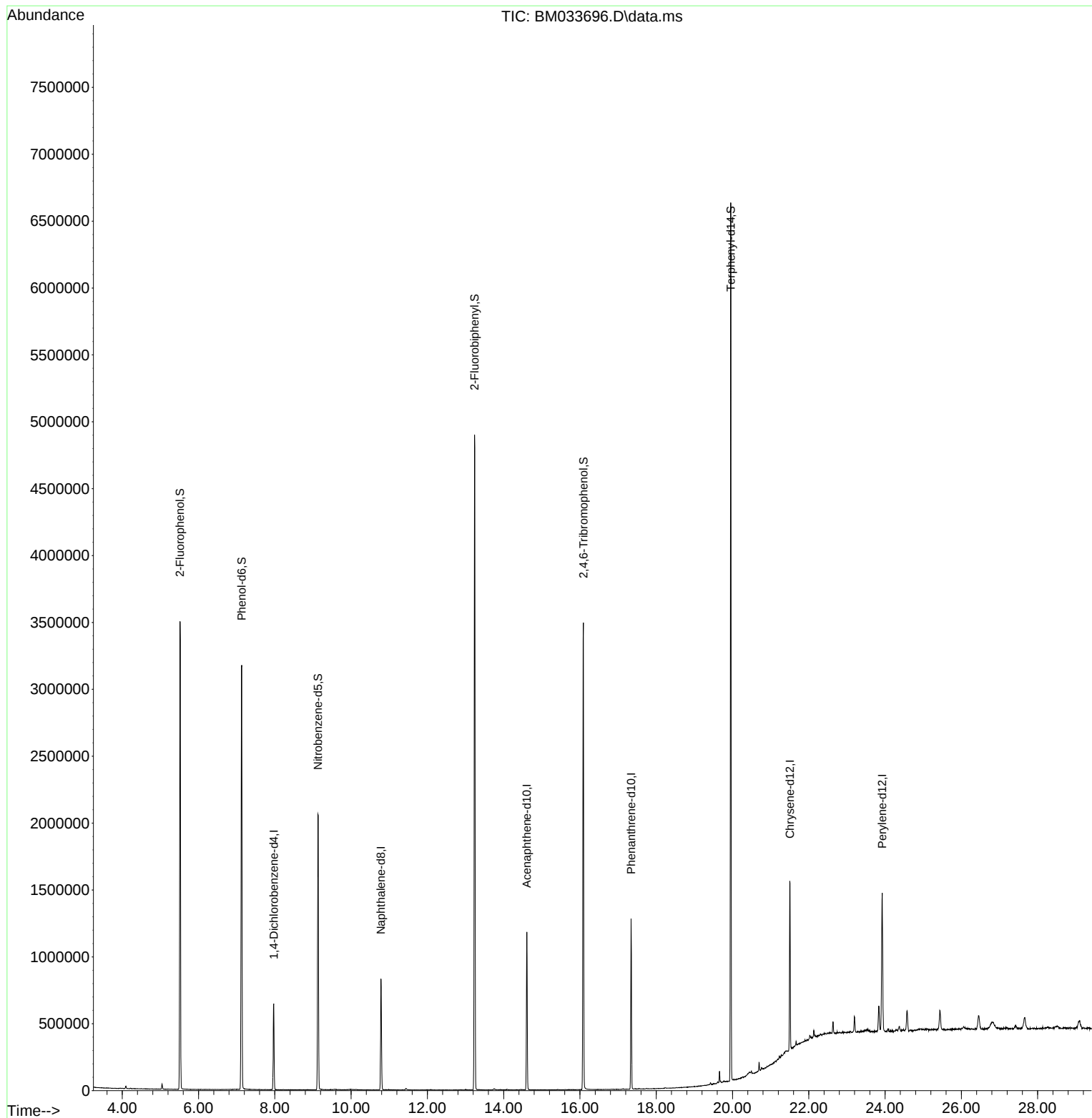
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	166046	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	658433	20.000	ng	0.00
39) Acenaphthene-d10	14.607	164	389638	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	705779	20.000	ng	0.00
76) Chrysene-d12	21.506	240	601901	20.000	ng	0.00
86) Perylene-d12	23.924	264	734035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1394287	132.432	ng	0.00
7) Phenol-d6	7.131	99	1747190	123.131	ng	0.00
23) Nitrobenzene-d5	9.131	82	1176529	82.522	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	588776	144.675	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	2463447	82.810	ng	0.00
79) Terphenyl-d14	19.953	244	2718047	81.284	ng	0.00
Target Compounds						
9) Benzaldehyde	7.125	77	3679	Below Cal	Qvalue #	11

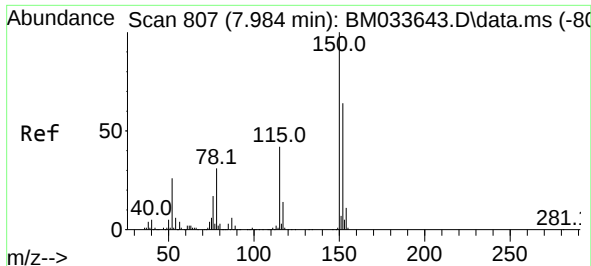
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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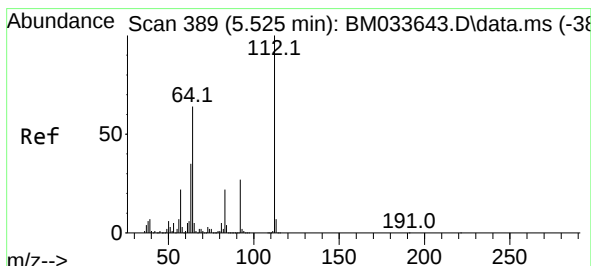
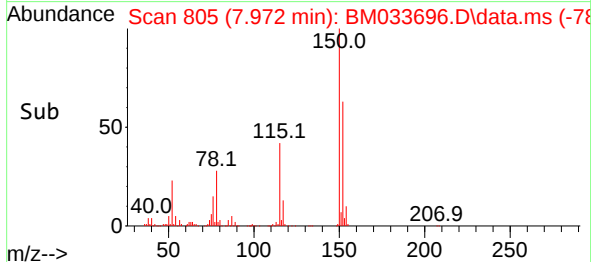
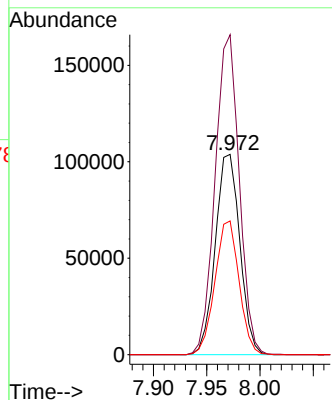
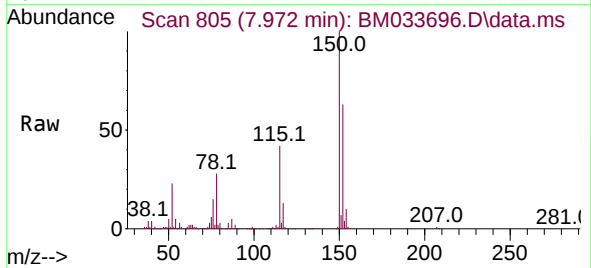




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

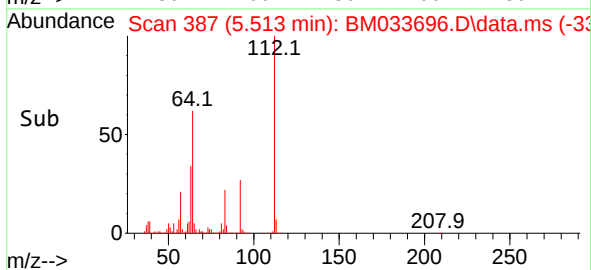
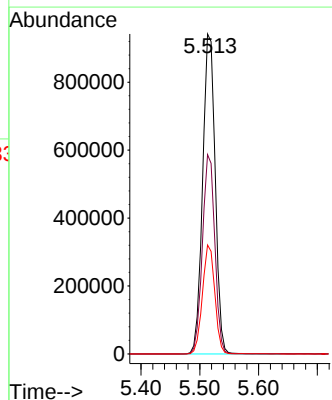
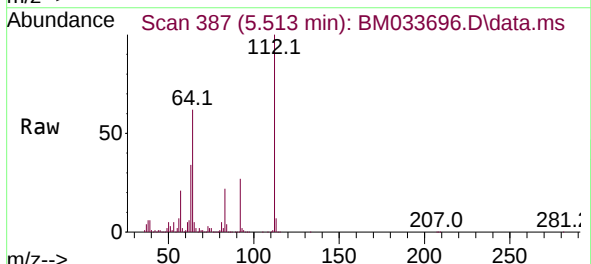
Instrument :
BNA_M
ClientSampleId :
PB141980BL

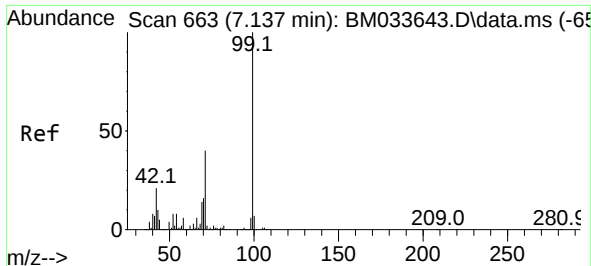
Tgt Ion:152 Resp: 166046
Ion Ratio Lower Upper
152 100
150 159.8 128.9 193.3
115 66.8 53.0 79.6



#5
2-Fluorophenol
Concen: 132.432 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

Tgt Ion:112 Resp: 1394287
Ion Ratio Lower Upper
112 100
64 62.3 55.5 83.3
63 34.1 31.3 46.9

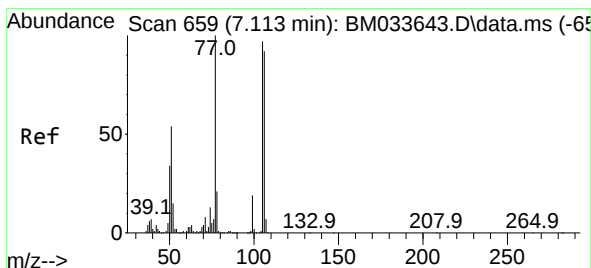
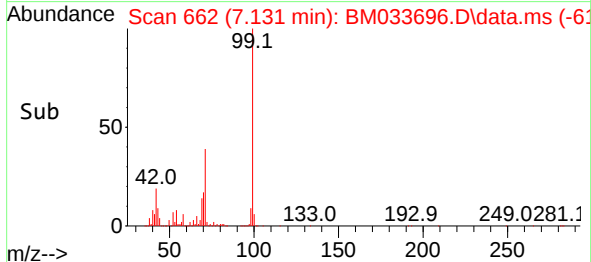
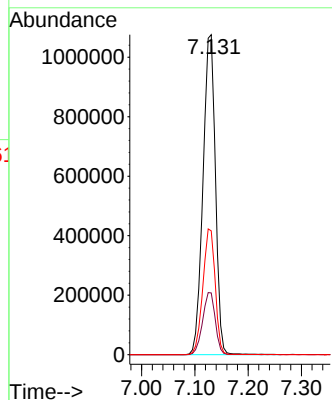
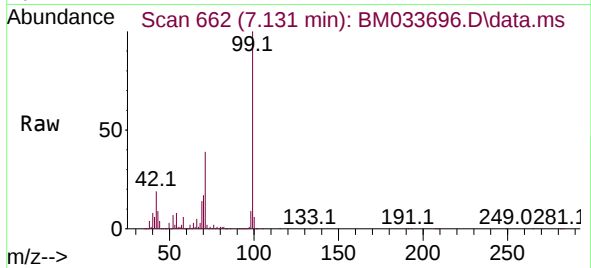




#7
Phenol-d6
Concen: 123.131 ng
RT: 7.131 min Scan# 662
Delta R.T. 0.006 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

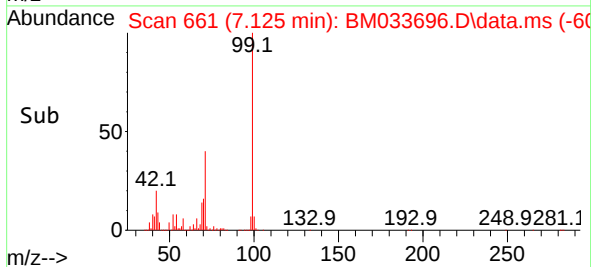
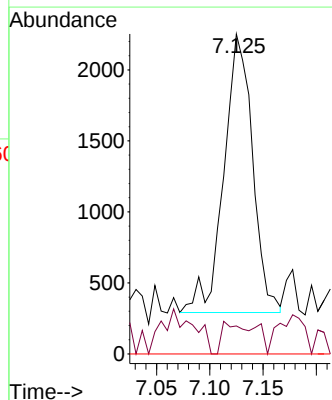
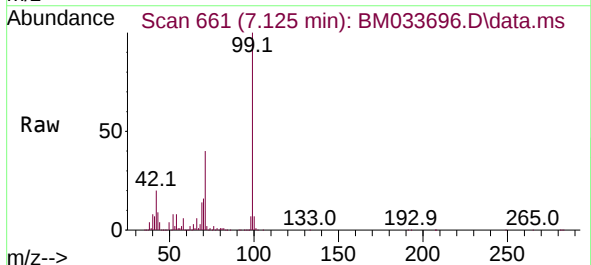
Instrument :
BNA_M
ClientSampleId :
PB141980BL

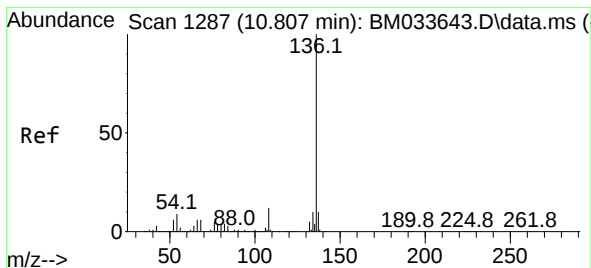
Tgt Ion: 99 Resp: 1747190
Ion Ratio Lower Upper
99 100
42 19.3 20.3 30.5#
71 38.7 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.125 min Scan# 661
Delta R.T. 0.029 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

Tgt Ion: 77 Resp: 3679
Ion Ratio Lower Upper
77 100
105 8.7 67.1 107.1#
106 0.0 64.3 104.3#

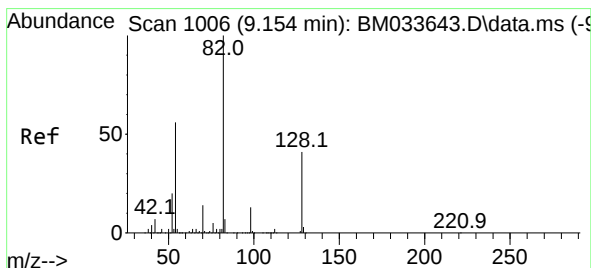
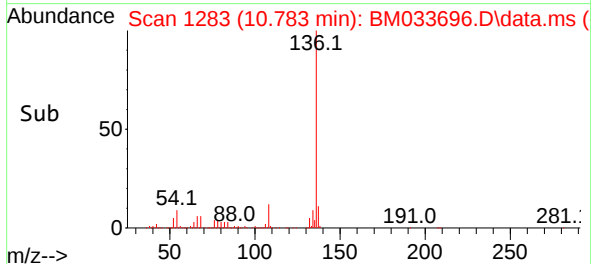
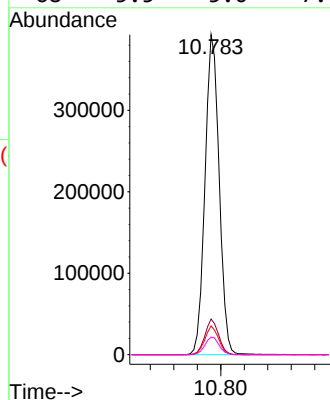
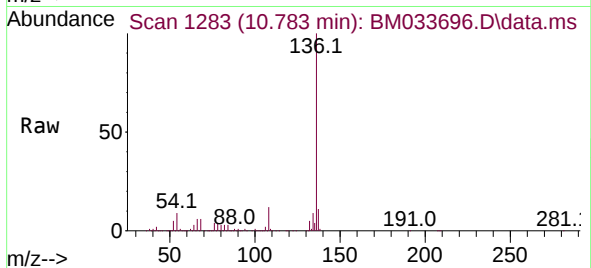




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.783 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

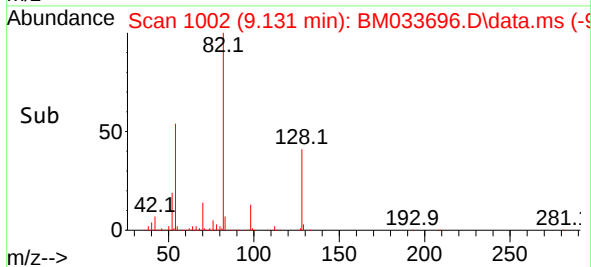
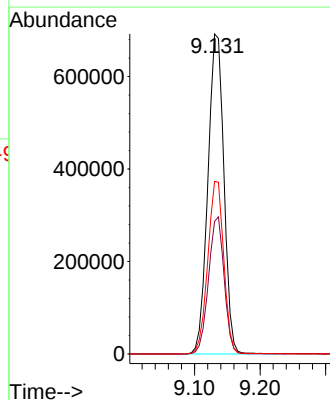
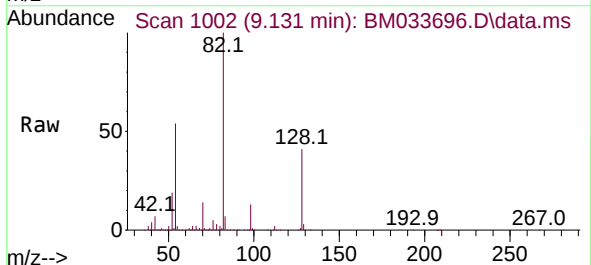
Instrument :
BNA_M
ClientSampleId :
PB141980BL

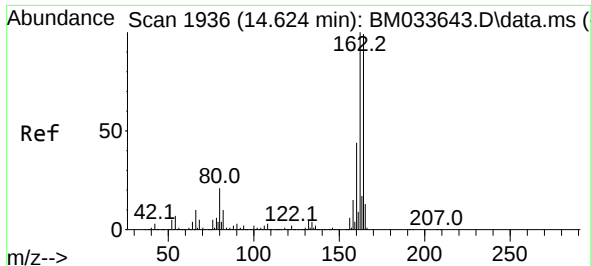
Tgt Ion:136 Resp: 658433
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 8.3 12.5
68 5.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 82.522 ng
RT: 9.131 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

Tgt Ion: 82 Resp: 1176529
Ion Ratio Lower Upper
82 100
128 41.4 28.1 42.1
54 53.9 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.607 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BM033696.D

Acq: 12 Jan 2022 13:21

Instrument :

BNA_M

ClientSampleId :

PB141980BL

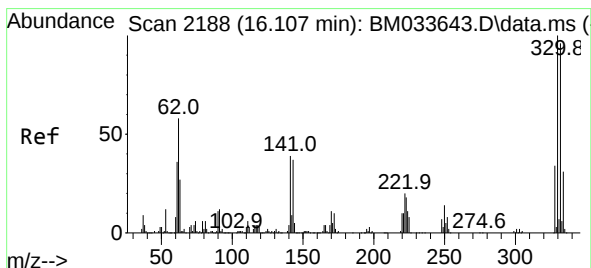
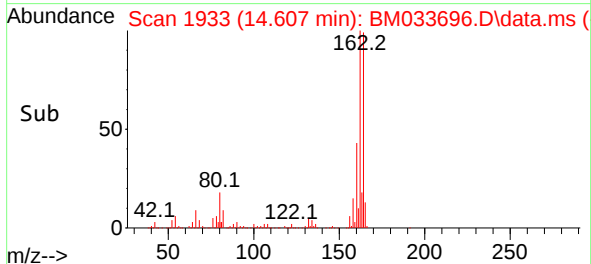
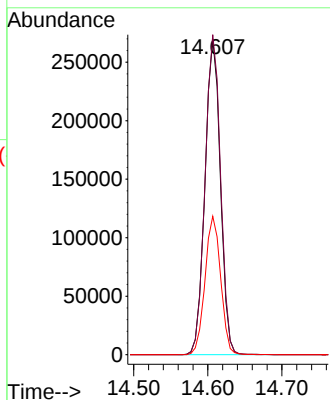
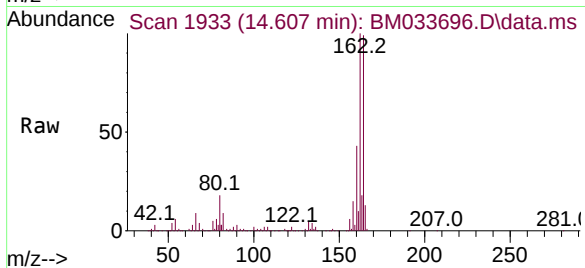
Tgt Ion:164 Resp: 389638

Ion Ratio Lower Upper

164 100

162 101.4 79.7 119.5

160 43.9 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 144.675 ng

RT: 16.089 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BM033696.D

Acq: 12 Jan 2022 13:21

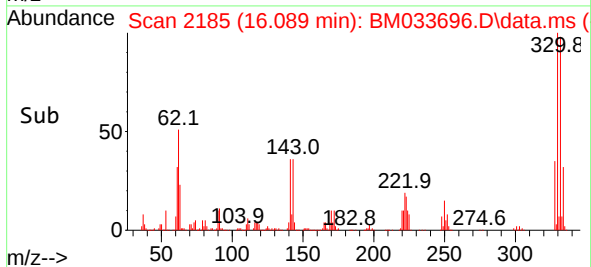
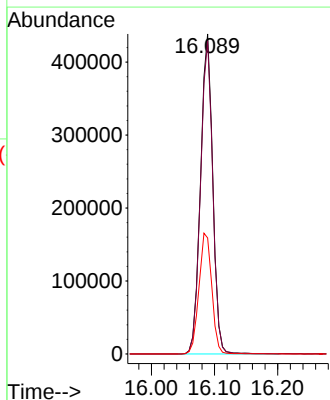
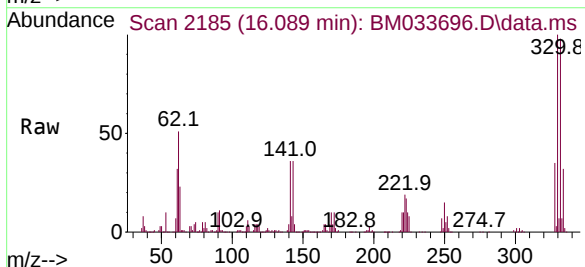
Tgt Ion:330 Resp: 588776

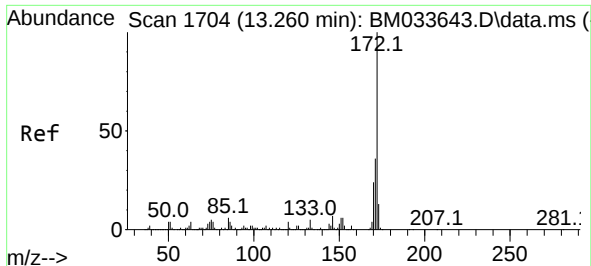
Ion Ratio Lower Upper

330 100

332 97.7 76.5 114.7

141 39.6 35.9 53.9

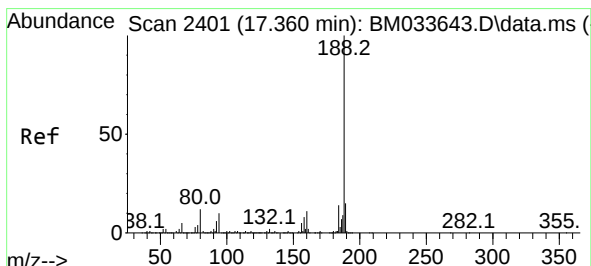
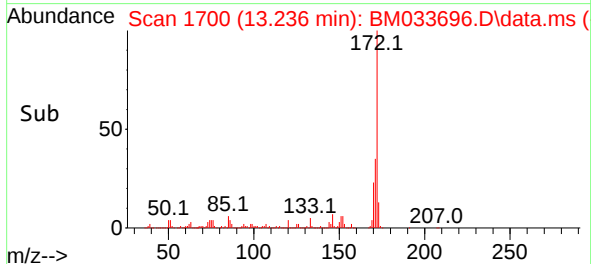
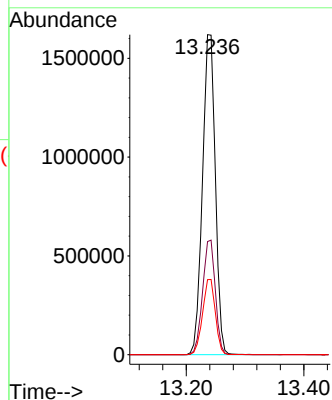
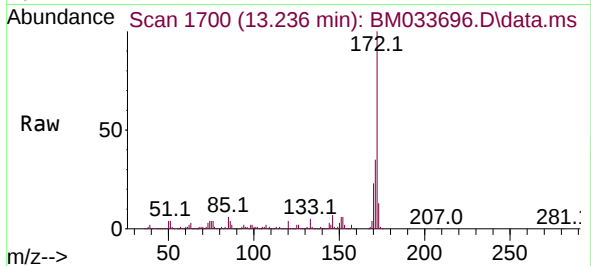




#45
2-Fluorobiphenyl
Concen: 82.810 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

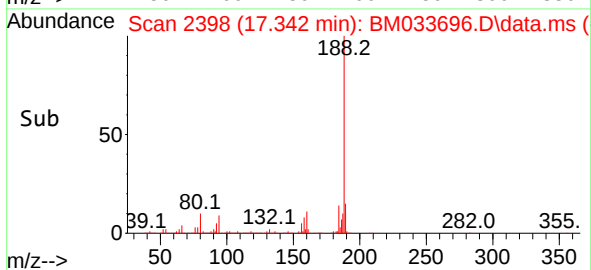
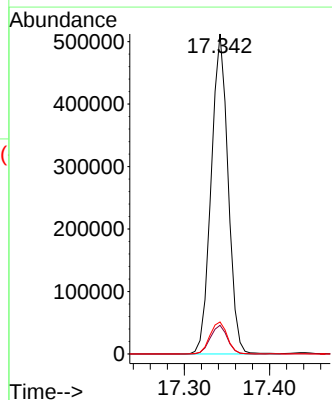
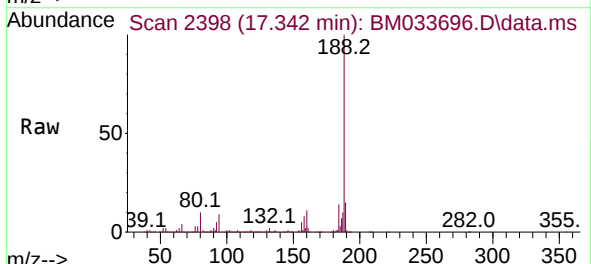
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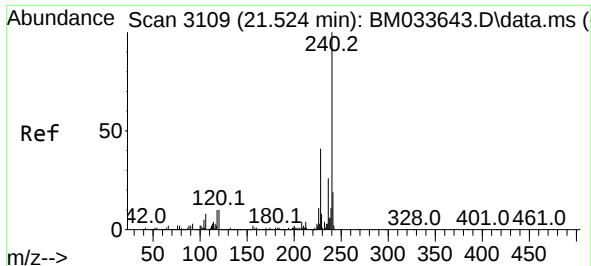
Tgt Ion:172 Resp: 2463447
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 23.5 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

Tgt Ion:188 Resp: 705779
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.0 8.9 13.3

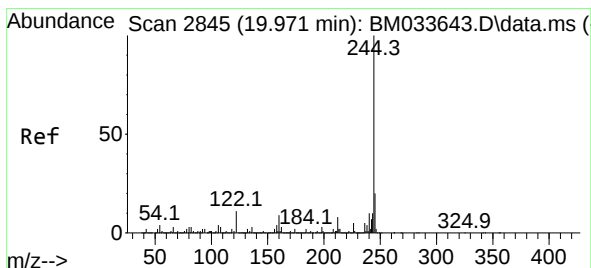
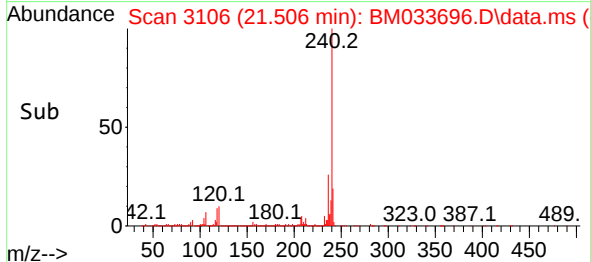
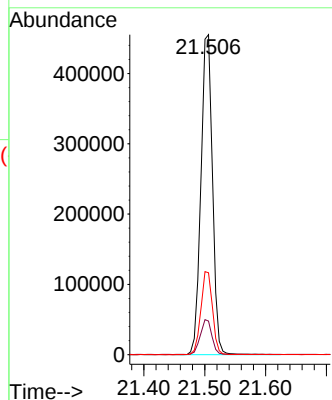
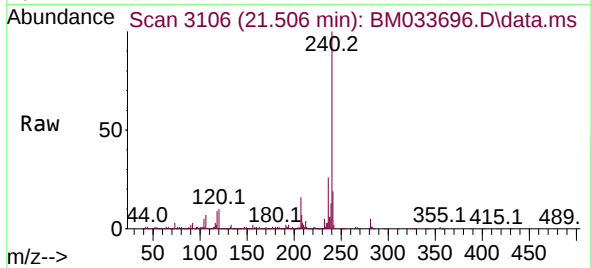




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

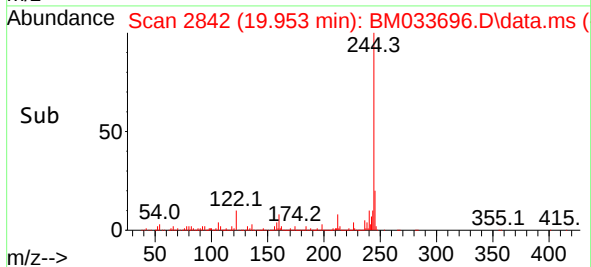
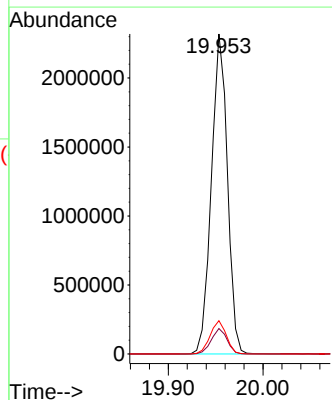
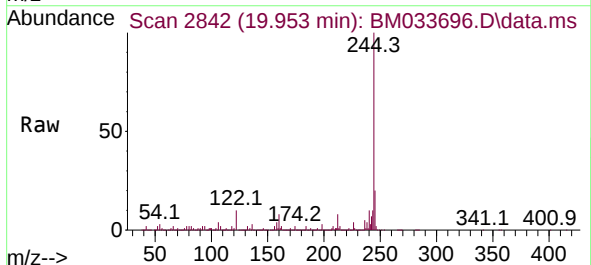
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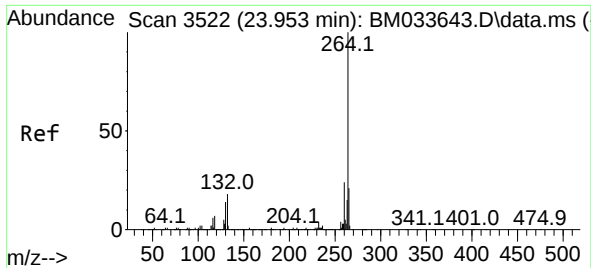
Tgt Ion:240 Resp: 601901
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 81.284 ng
RT: 19.953 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033696.D
Acq: 12 Jan 2022 13:21

Tgt Ion:244 Resp: 2718047
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.4 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.924 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM033696.D
 Acq: 12 Jan 2022 13:21

Instrument :
 BNA_M
 ClientSampleId :
 PB141980BL

Tgt Ion:264 Resp: 734035
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.7 26.5
 265 22.0 17.7 26.5

