

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033404.D
 Acq On : 10 Dec 2021 21:02
 Operator : CG/JU
 Sample : M4945-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 11 02:14:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

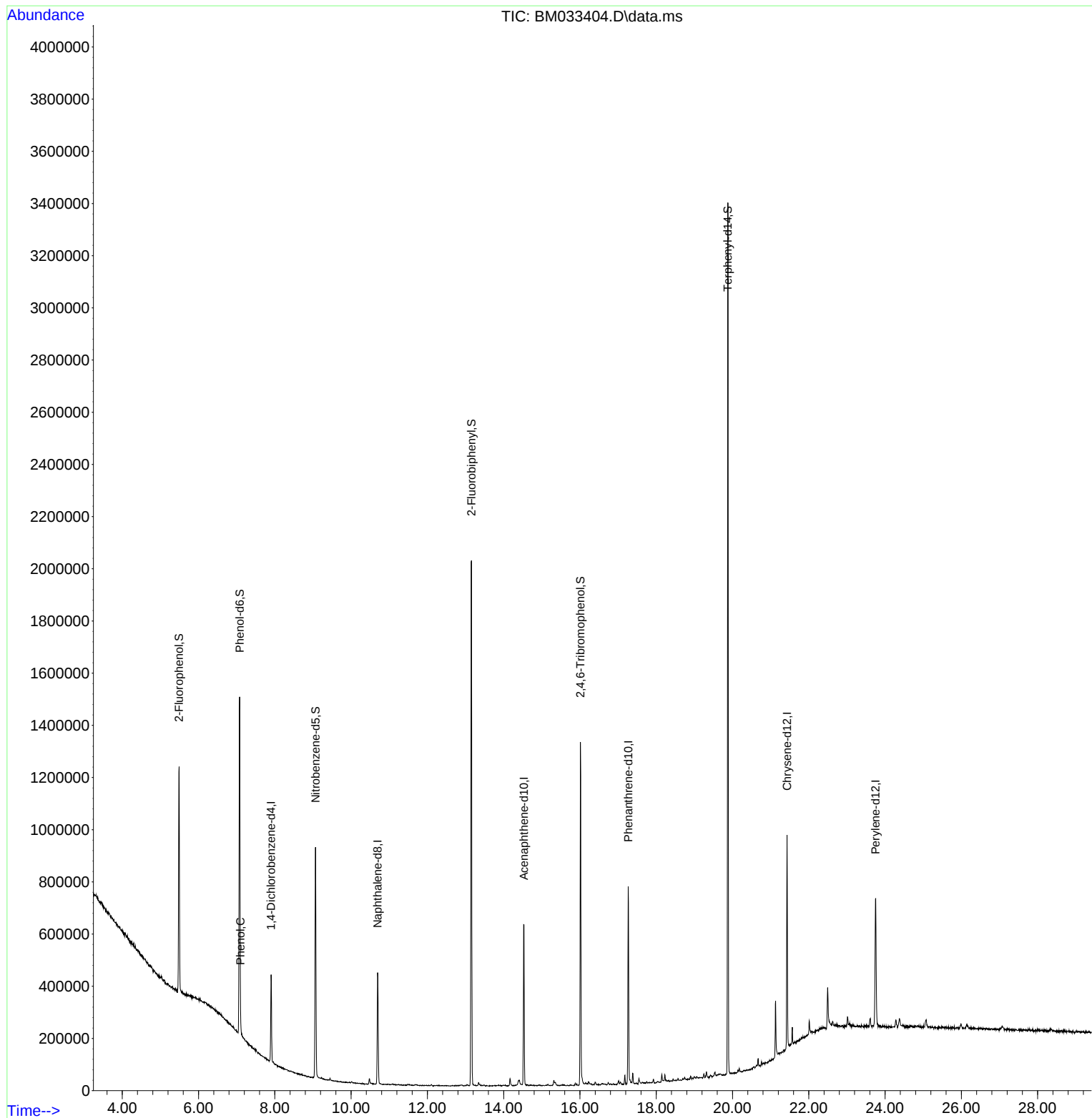
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	83508	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	336164	20.000	ng	-0.01
39) Acenaphthene-d10	14.530	164	203785	20.000	ng	0.00
64) Phenanthrene-d10	17.265	188	412341	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	363447	20.000	ng	#-0.01
86) Perylene-d12	23.747	264	332218	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	374611	73.593	ng	0.00
7) Phenol-d6	7.078	99	703767	99.156	ng	-0.01
23) Nitrobenzene-d5	9.066	82	498983	63.026	ng	-0.01
42) 2,4,6-Tribromophenol	16.013	330	189692	87.017	ng	-0.01
45) 2-Fluorobiphenyl	13.154	172	995961	67.604	ng	0.00
79) Terphenyl-d14	19.877	244	1399905	71.361	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.072	77	1533	Below Cal	Qvalue #	7
10) Phenol	7.101	94	15037	2.122	ng	95

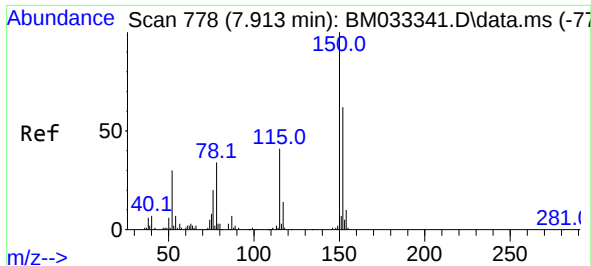
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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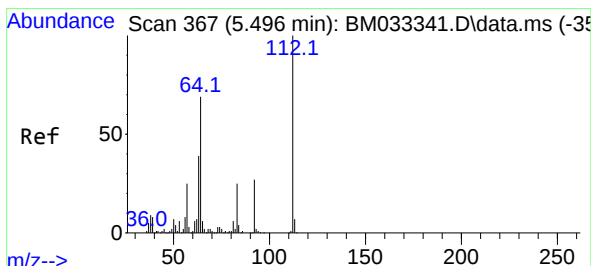
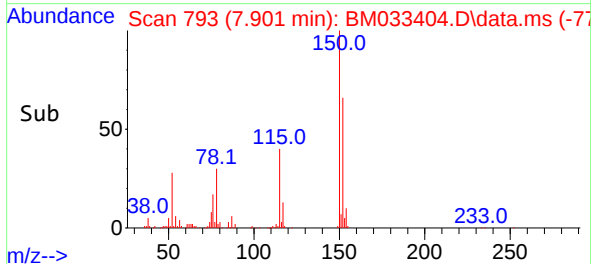
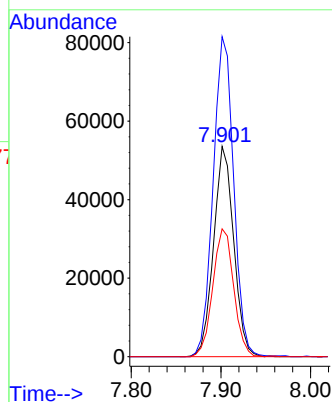
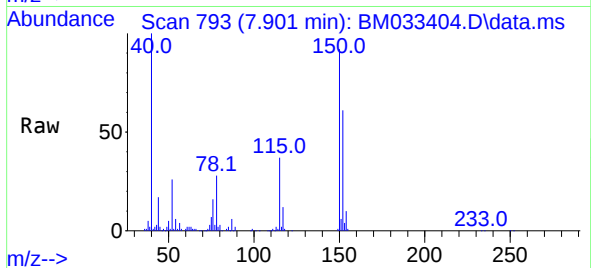




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 791
Delta R.T. -0.012 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

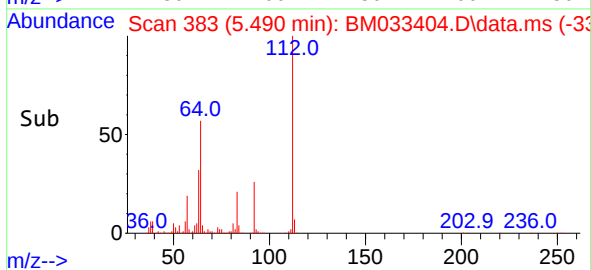
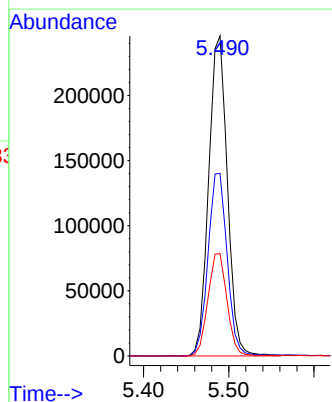
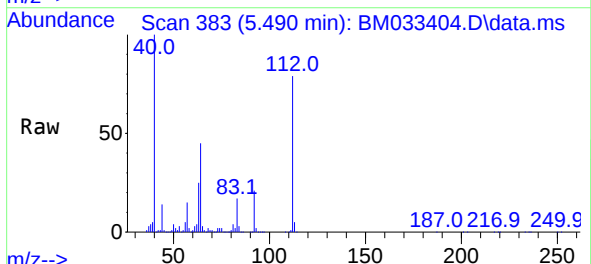
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 83508
Ion Ratio Lower Upper
152 100
150 152.2 128.9 193.3
115 60.9 53.0 79.6

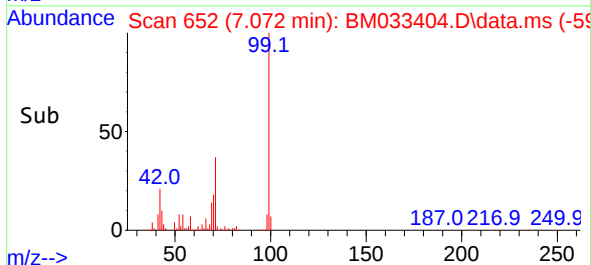
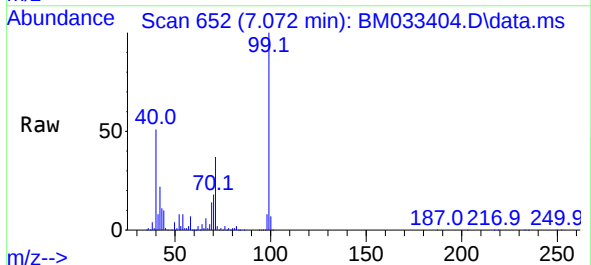
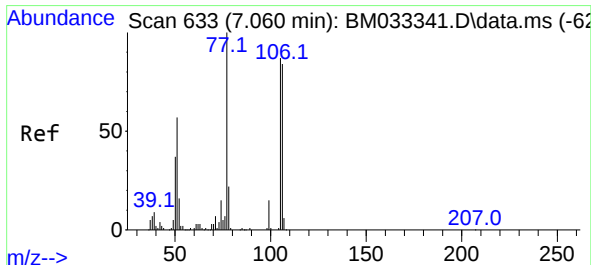
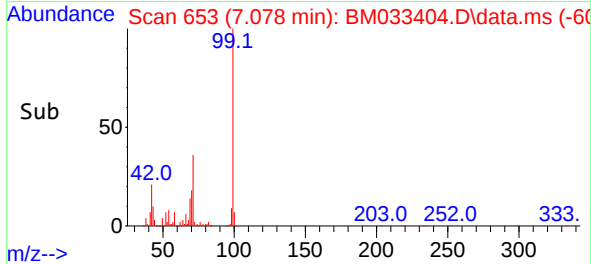
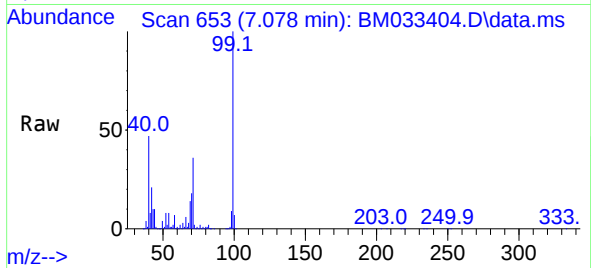
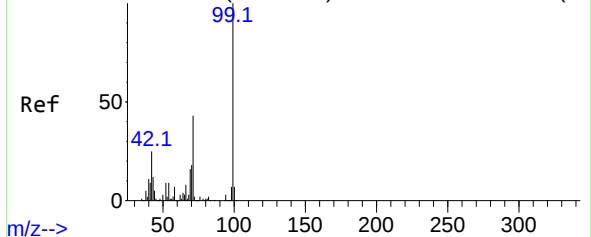


#5
2-Fluorophenol
Concen: 73.593 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

Tgt Ion:112 Resp: 374611
Ion Ratio Lower Upper
112 100
64 57.1 55.5 83.3
63 32.0 31.3 46.9



Abundance Scan 638 (7.090 min): BM033341.D\data.ms (-62



#7

Phenol-d6

Concen: 99.156 ng

RT: 7.078 min Scan# 61

Delta R.T. -0.012 min

Lab File: BM033404.D

Acq: 10 Dec 2021 21:02

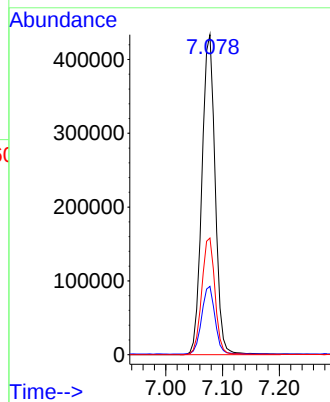
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 99 Resp: 703767

Ion	Ratio	Lower	Upper
99	100		
42	21.3	20.3	30.5
71	36.4	34.5	51.7



#9

Benzaldehyde

Concen: Below Cal

RT: 7.072 min Scan# 652

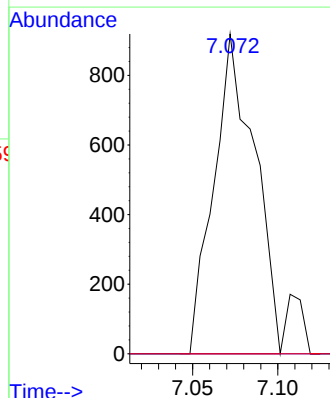
Delta R.T. 0.012 min

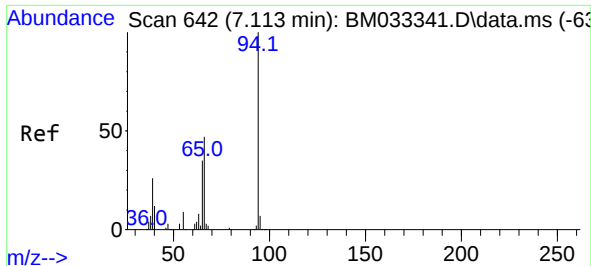
Lab File: BM033404.D

Acq: 10 Dec 2021 21:02

Tgt Ion: 77 Resp: 1533

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.1	107.1#
106	0.0	64.3	104.3#

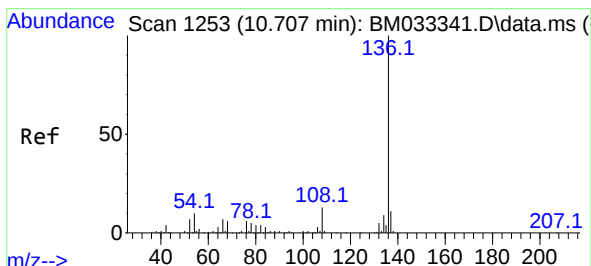
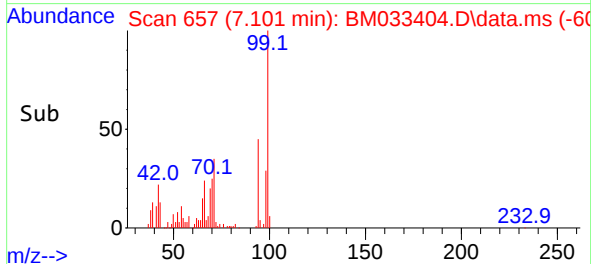
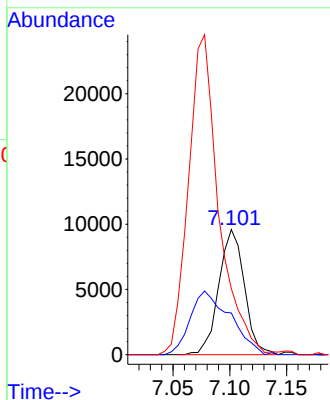
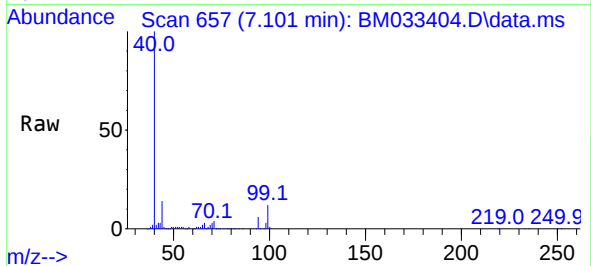




#10
Phenol
Concen: 2.122 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

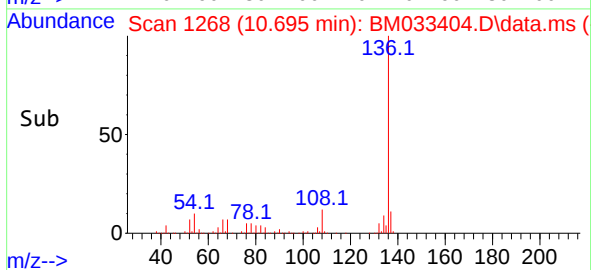
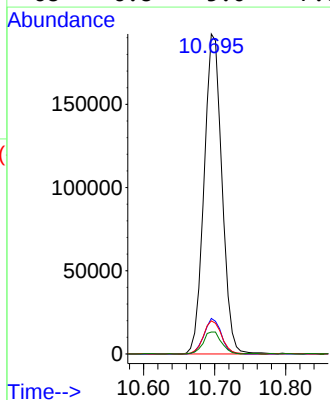
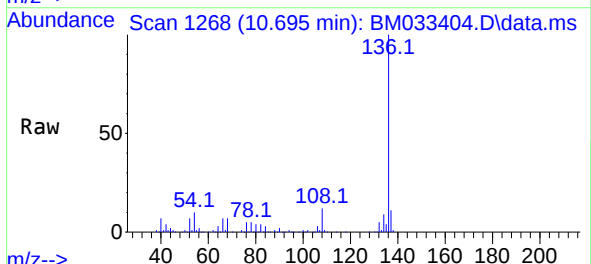
Instrument :
BNA_M
ClientSampleId :

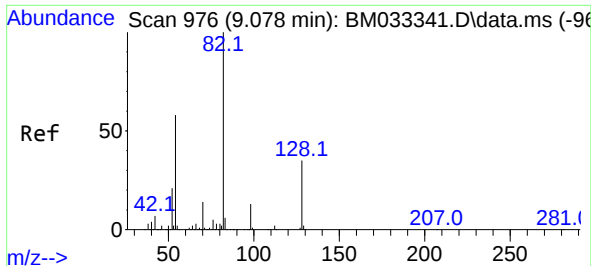
Tgt Ion: 94 Resp: 15037
Ion Ratio Lower Upper
94 100
65 33.4 15.5 55.5
66 52.7 28.5 68.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

Tgt Ion:136 Resp: 336164
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.3 8.3 12.5
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 63.026 ng

RT: 9.066 min Scan# 91

Delta R.T. -0.012 min

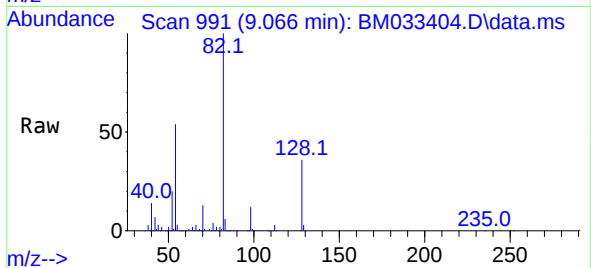
Lab File: BM033404.D

Acq: 10 Dec 2021 21:02

Instrument :

BNA_M

ClientSampleId :



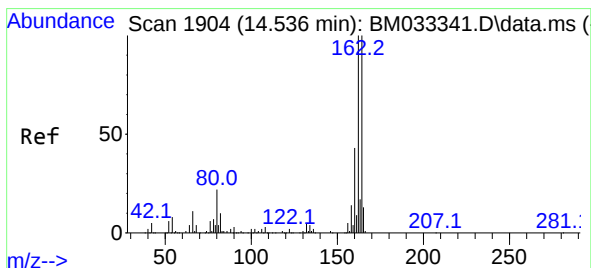
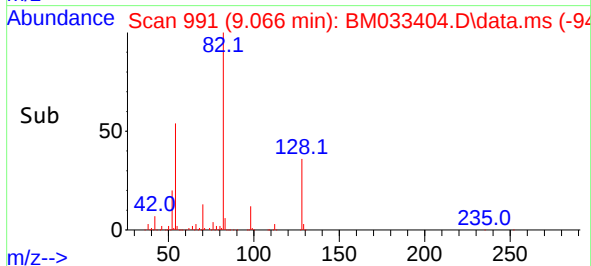
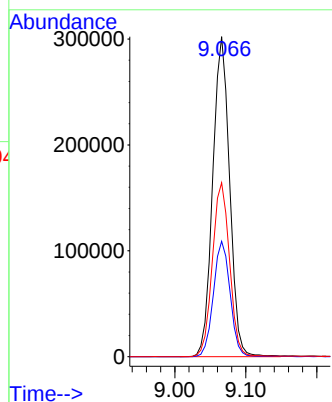
Tgt Ion: 82 Resp: 498983

Ion Ratio Lower Upper

82 100

128 36.0 28.1 42.1

54 54.3 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BM033404.D

Acq: 10 Dec 2021 21:02

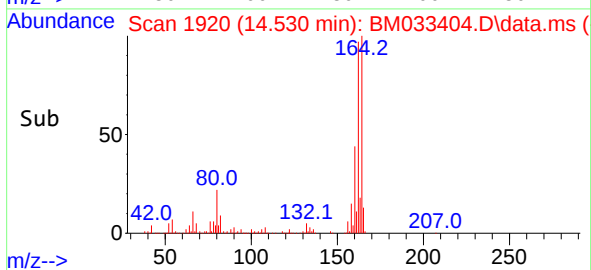
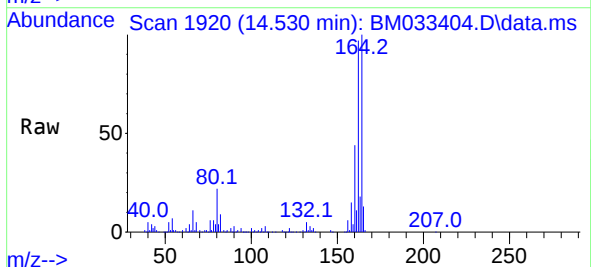
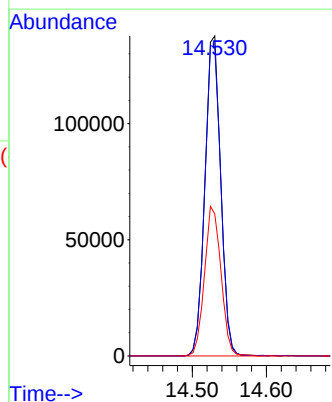
Tgt Ion:164 Resp: 203785

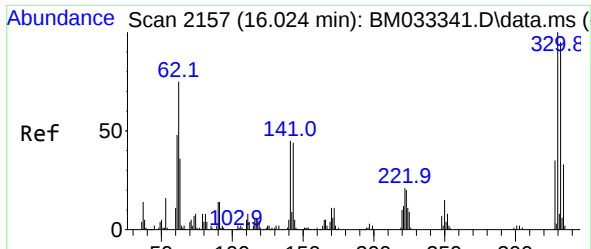
Ion Ratio Lower Upper

164 100

162 96.6 79.7 119.5

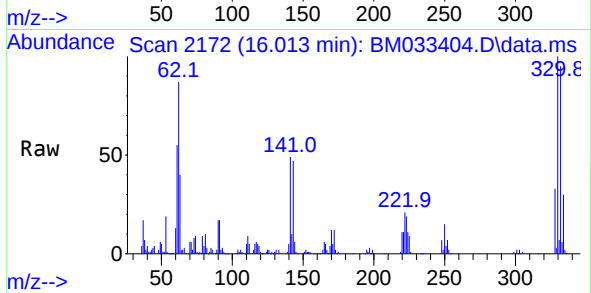
160 44.4 34.2 51.4



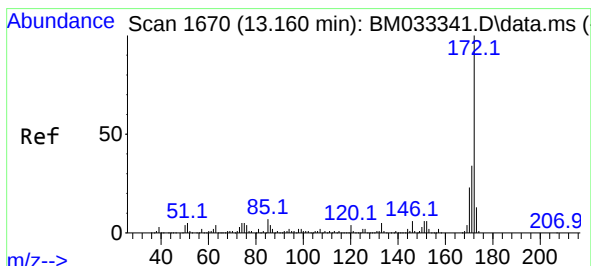
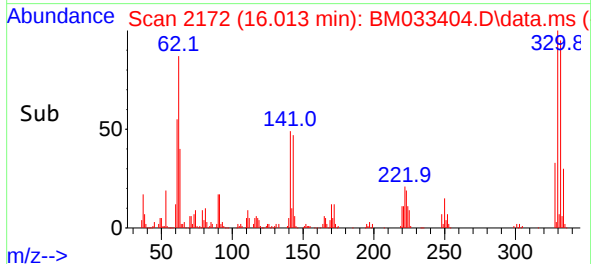
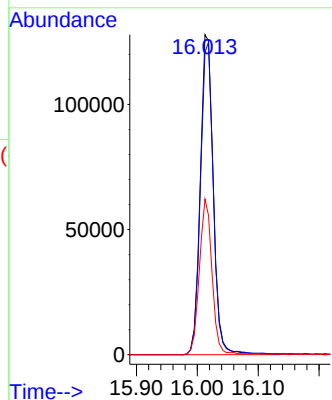


#42
2,4,6-Tribromophenol
Concen: 87.017 ng
RT: 16.013 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

Instrument :
BNA_M
ClientSampleId :

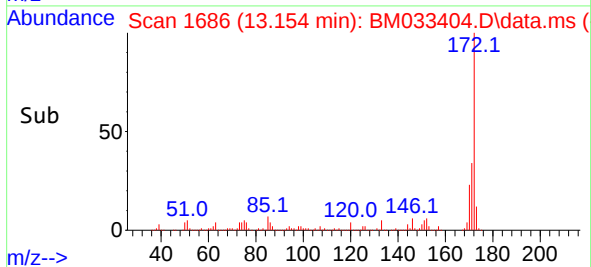
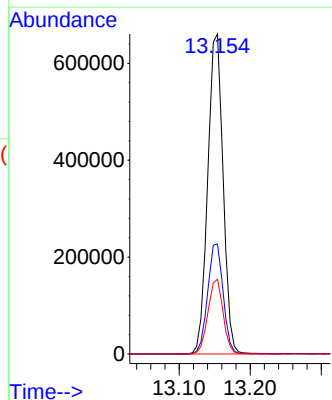
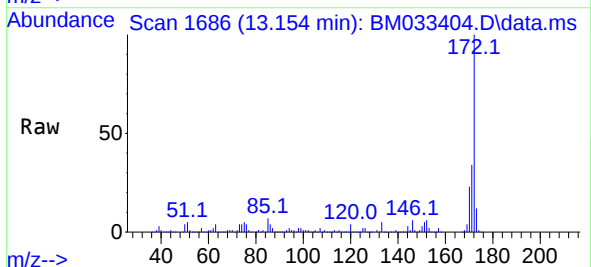


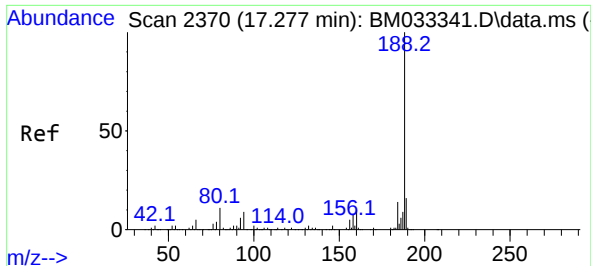
Tgt Ion:330 Resp: 189692
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 47.3 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 67.604 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

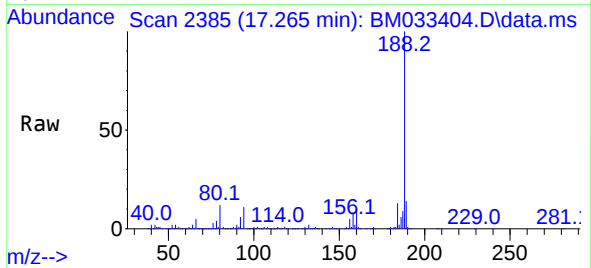
Tgt Ion:172 Resp: 995961
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 23.3 18.7 28.1



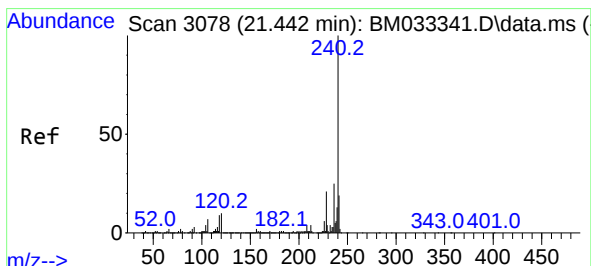
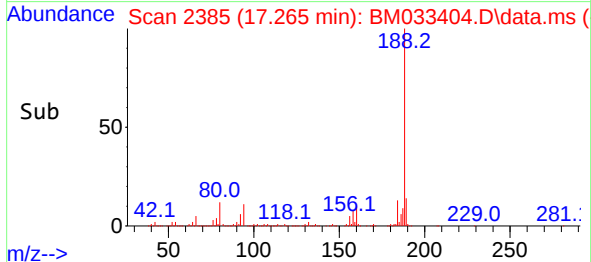
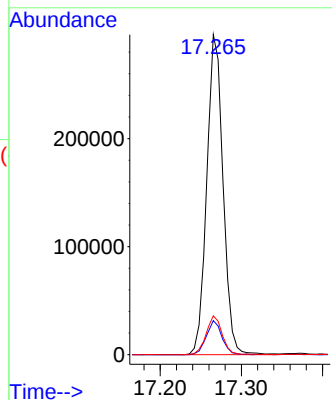


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

Instrument :
BNA_M
ClientSampleId :

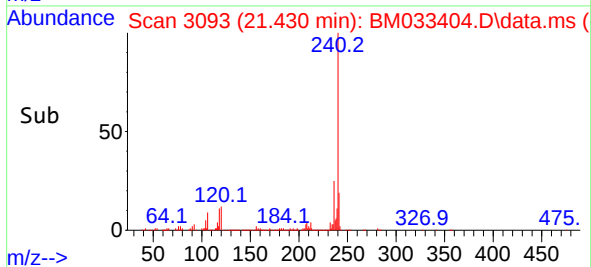
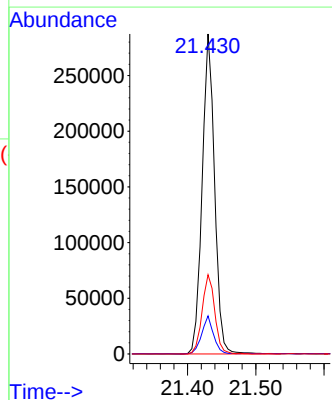
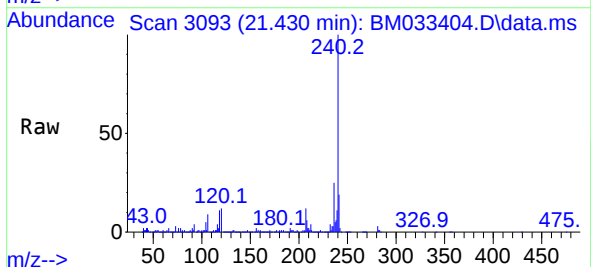


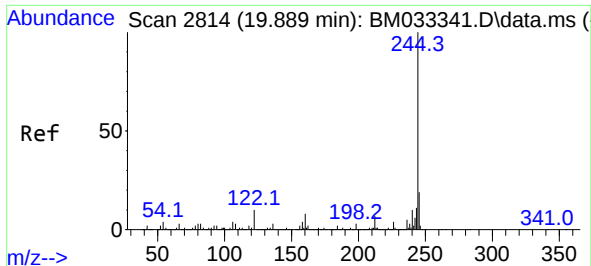
Tgt Ion:188 Resp: 412341
Ion Ratio Lower Upper
188 100
94 10.6 7.5 11.3
80 12.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM033404.D
Acq: 10 Dec 2021 21:02

Tgt Ion:240 Resp: 363447
Ion Ratio Lower Upper
240 100
120 11.9 7.8 11.6#
236 24.8 20.3 30.5

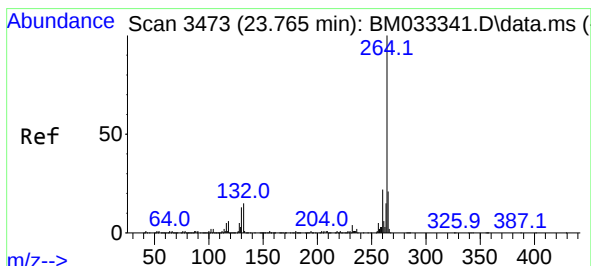
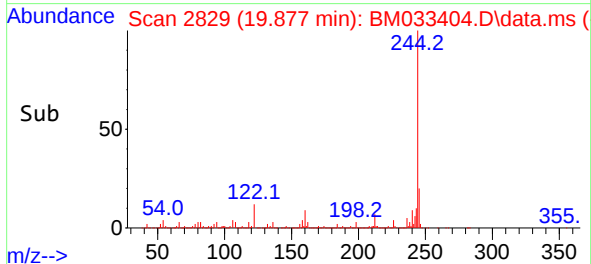
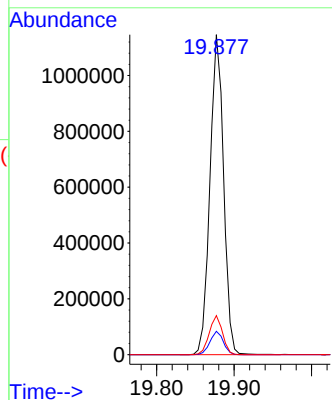
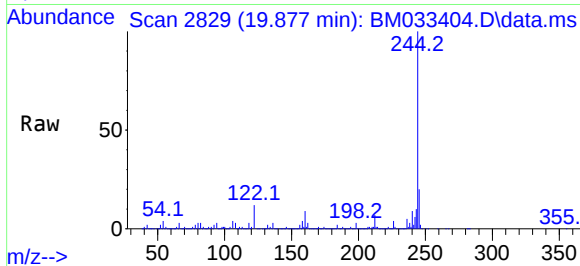




#79
 Terphenyl-d14
 Concen: 71.361 ng
 RT: 19.877 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033404.D
 Acq: 10 Dec 2021 21:02

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 1399905
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.2 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.018 min
 Lab File: BM033404.D
 Acq: 10 Dec 2021 21:02

Tgt Ion:264 Resp: 332218
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.7 26.5
 265 21.9 17.7 26.5

