

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033422.D
 Acq On : 11 Dec 2021 21:06
 Operator : CG/JU
 Sample : M4990-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:32 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)

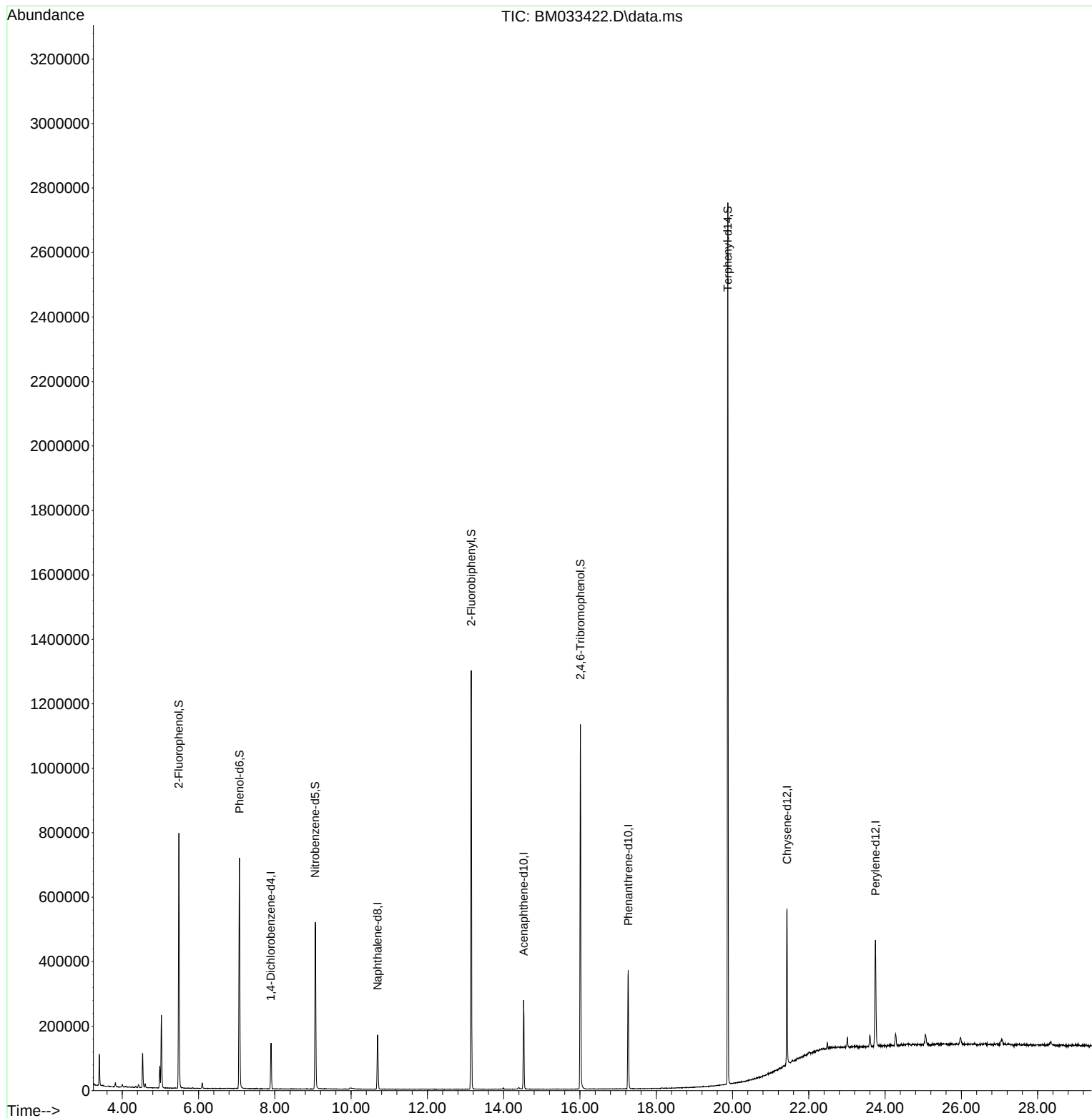
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	33069	20.000	ng	-0.02
21) Naphthalene-d8	10.695	136	126752	20.000	ng	#-0.01
39) Acenaphthene-d10	14.524	164	90297	20.000	ng	-0.01
64) Phenanthrene-d10	17.265	188	214883	20.000	ng	#-0.01
76) Chrysene-d12	21.430	240	239109	20.000	ng	#-0.01
86) Perylene-d12	23.747	264	242327	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	262697	130.322	ng	-0.01
7) Phenol-d6	7.072	99	323720	115.177	ng	-0.02
23) Nitrobenzene-d5	9.060	82	278224	93.202	ng	-0.02
42) 2,4,6-Tribromophenol	16.012	330	162688	168.427	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	598124	91.626	ng	-0.01
79) Terphenyl-d14	19.877	244	1154651	89.465	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.066	77	1234	Below Cal	Qvalue #	7

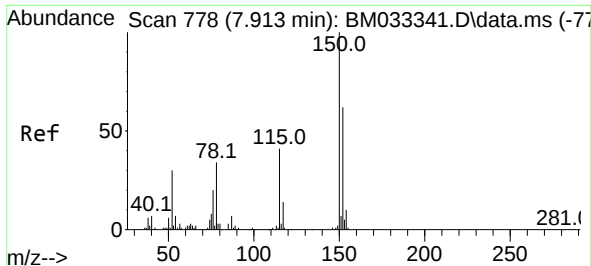
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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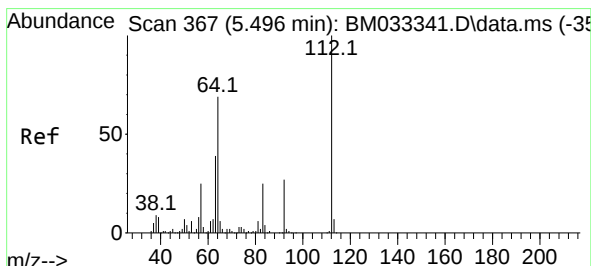
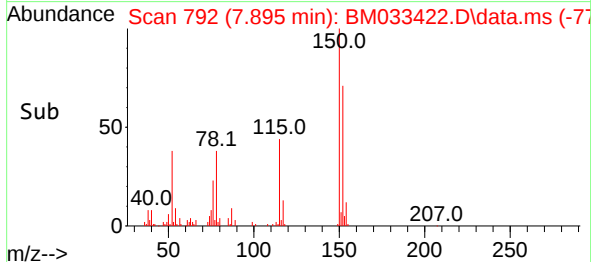
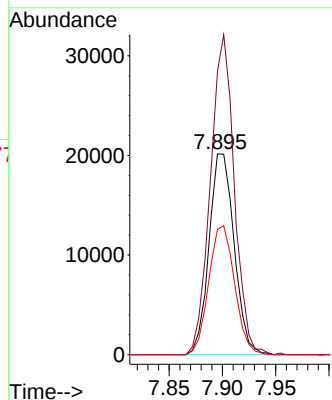
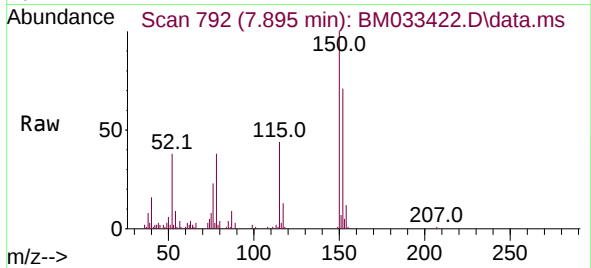




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.895 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

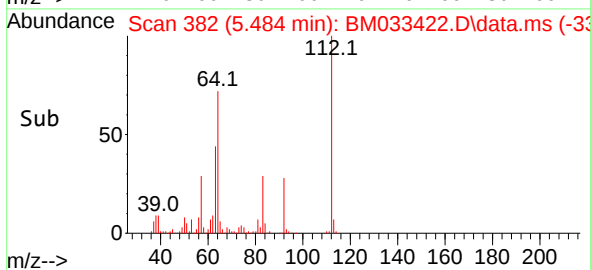
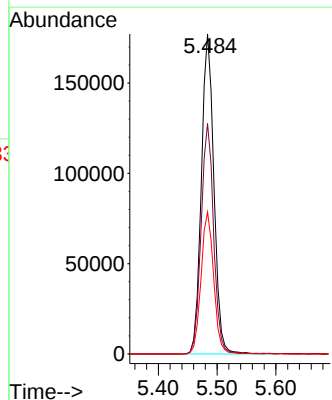
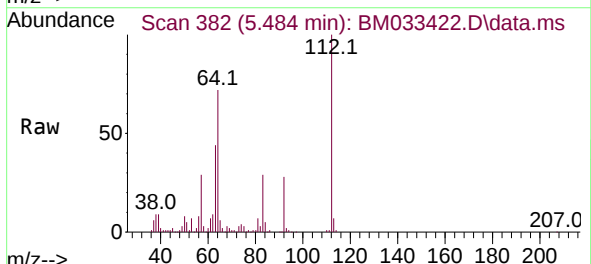
Instrument :
BNA_M
ClientSampleId :

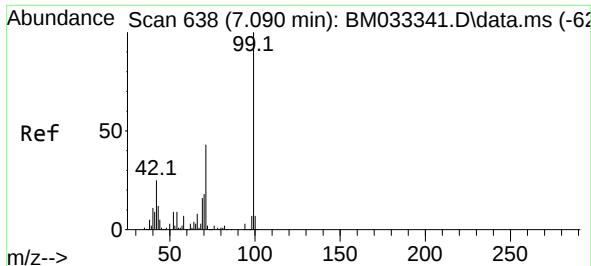
Tgt Ion:152 Resp: 33069
Ion Ratio Lower Upper
152 100
150 141.1 128.9 193.3
115 62.5 53.0 79.6



#5
2-Fluorophenol
Concen: 130.322 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Tgt Ion:112 Resp: 262697
Ion Ratio Lower Upper
112 100
64 72.0 55.5 83.3
63 44.3 31.3 46.9

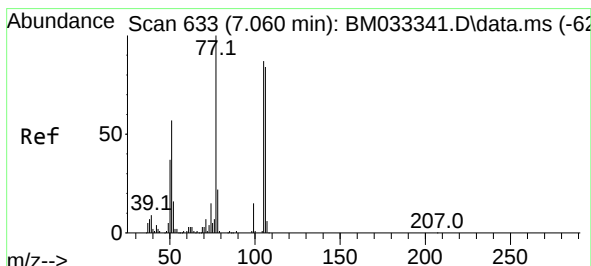
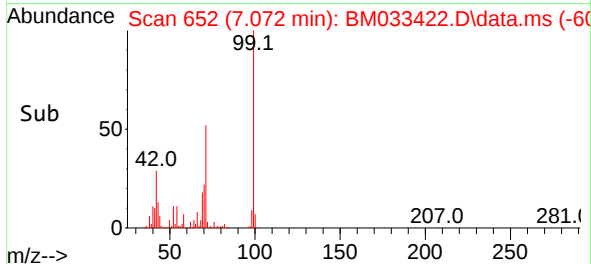
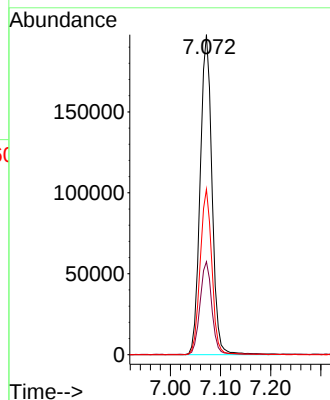
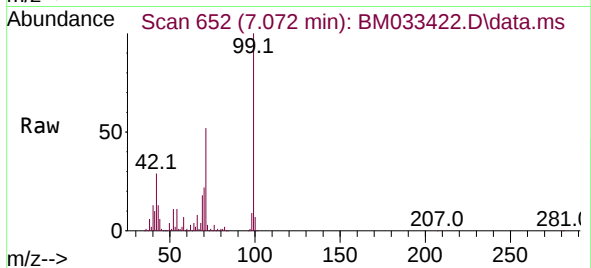




#7
Phenol-d6
Concen: 115.177 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

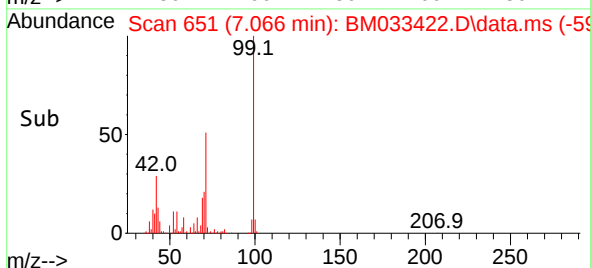
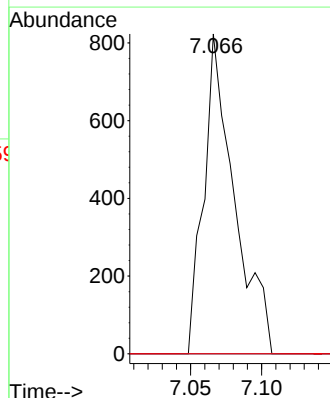
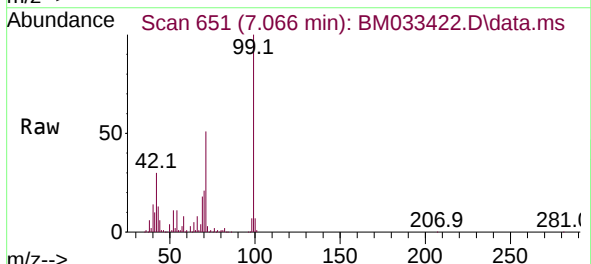
Instrument :
BNA_M
ClientSampleId :

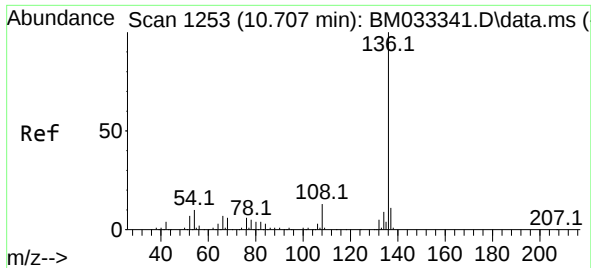
Tgt Ion: 99 Resp: 323720
Ion Ratio Lower Upper
99 100
42 29.1 20.3 30.5
71 51.7 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

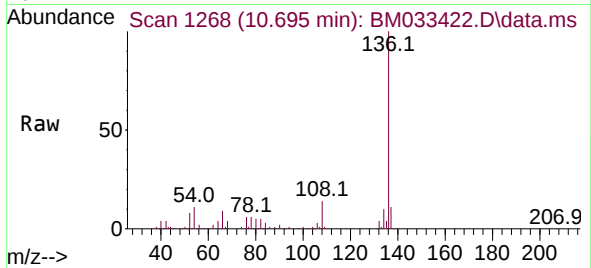
Tgt Ion: 77 Resp: 1234
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



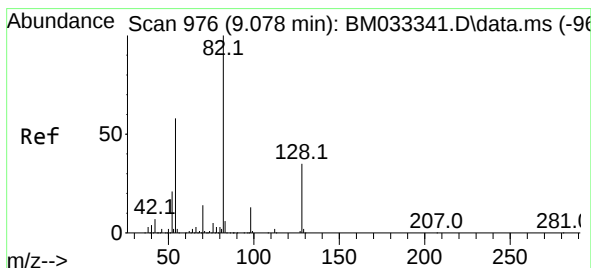
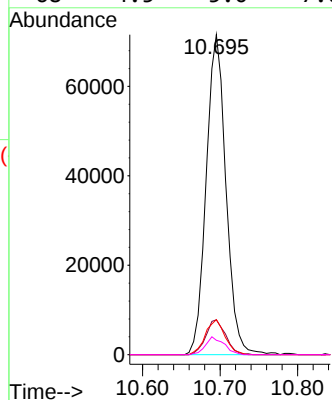


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Instrument :
BNA_M
ClientSampleId :

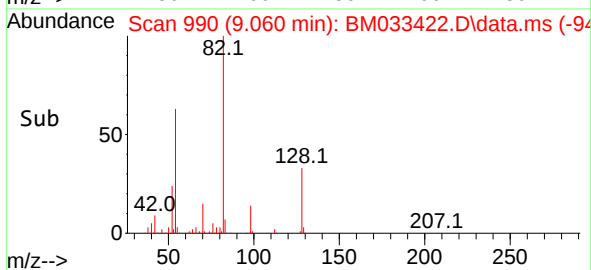
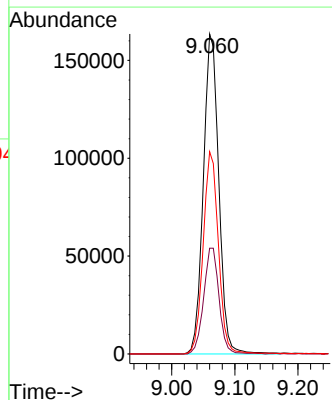
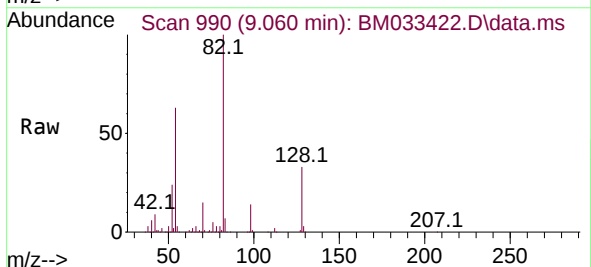


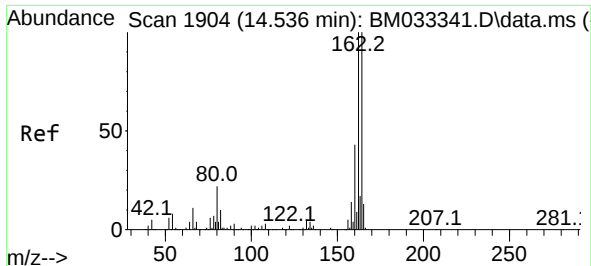
Tgt Ion:136 Resp: 126752
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.0 8.3 12.5
68 4.5 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 93.202 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.018 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Tgt Ion: 82 Resp: 278224
Ion Ratio Lower Upper
82 100
128 33.1 28.1 42.1
54 63.2 46.1 69.1

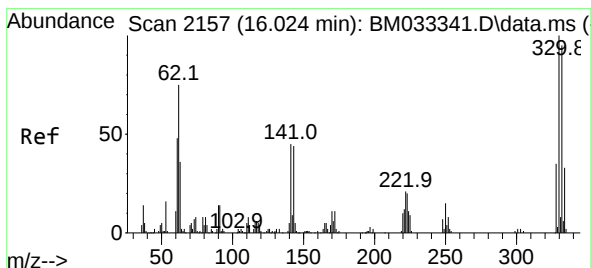
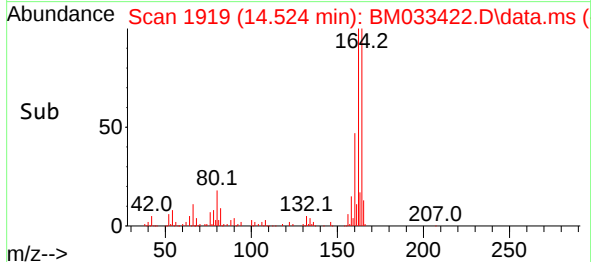
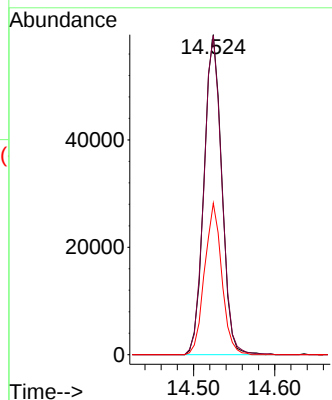
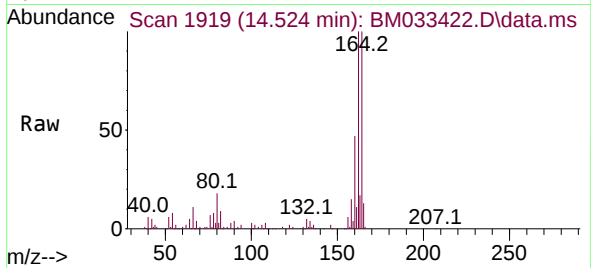




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

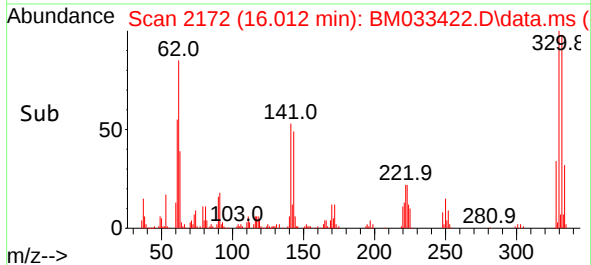
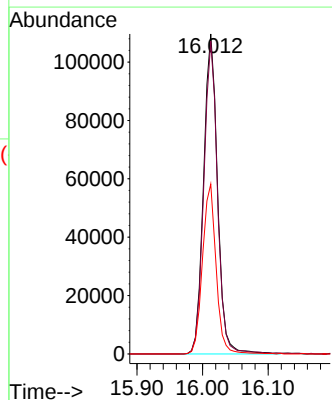
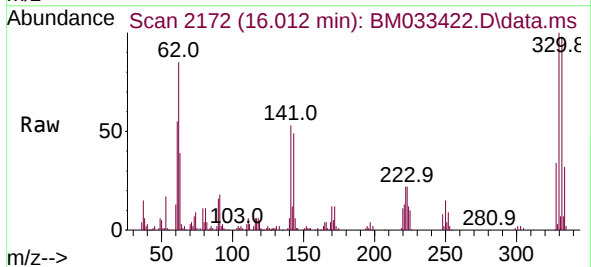
Instrument :
BNA_M
ClientSampleId :

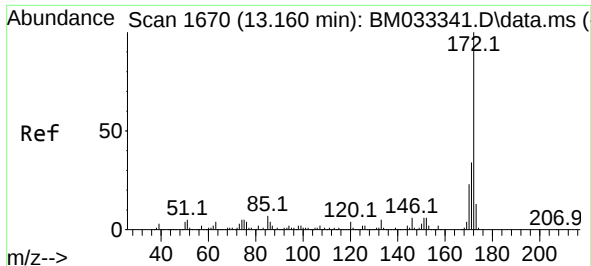
Tgt Ion:164 Resp: 90297
Ion Ratio Lower Upper
164 100
162 99.7 79.7 119.5
160 47.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 168.427 ng
RT: 16.012 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

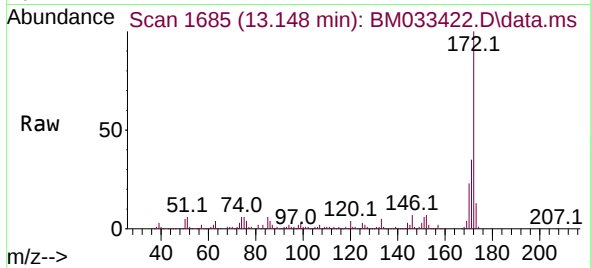
Tgt Ion:330 Resp: 162688
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 51.8 35.9 53.9



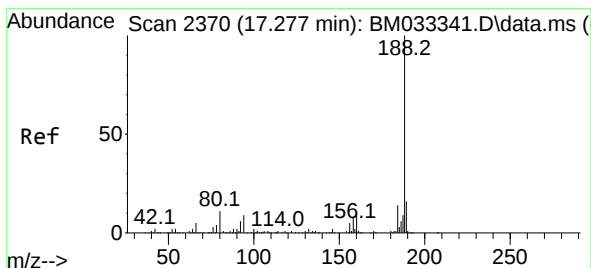
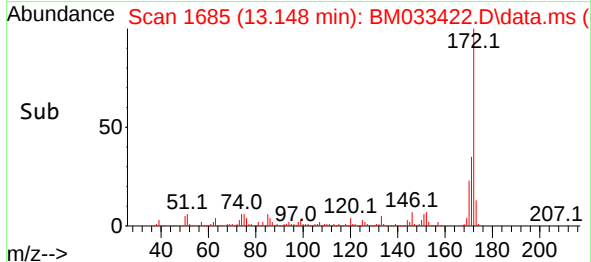
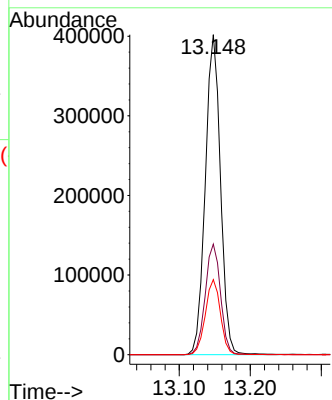


#45
2-Fluorobiphenyl
Concen: 91.626 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Instrument :
BNA_M
ClientSampleId :

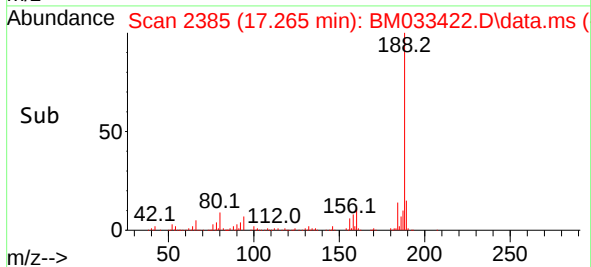
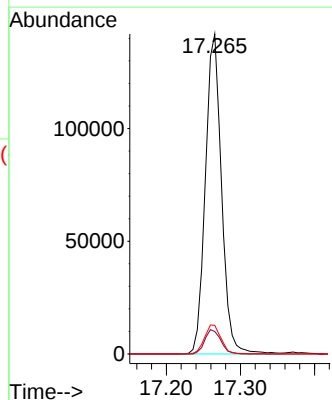
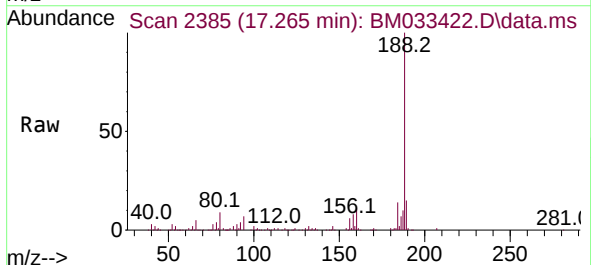


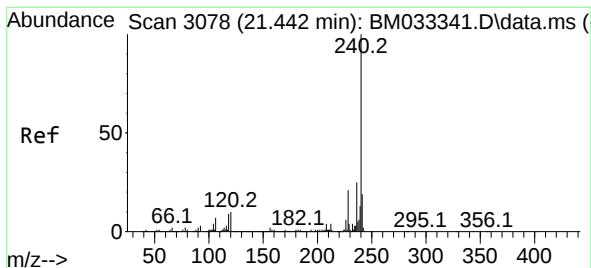
Tgt Ion:172 Resp: 598124
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Tgt Ion:188 Resp: 214883
Ion Ratio Lower Upper
188 100
94 7.0 7.5 11.3#
80 9.0 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.430 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BM033422.D

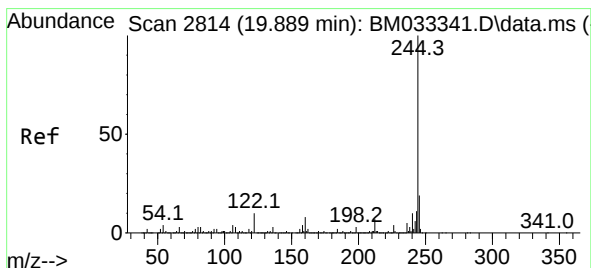
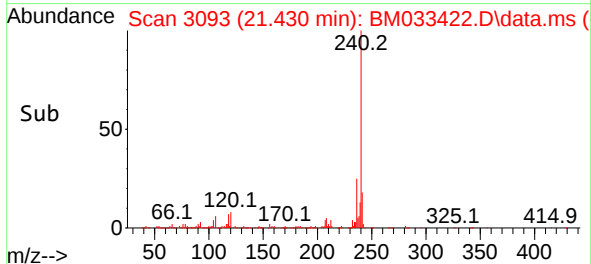
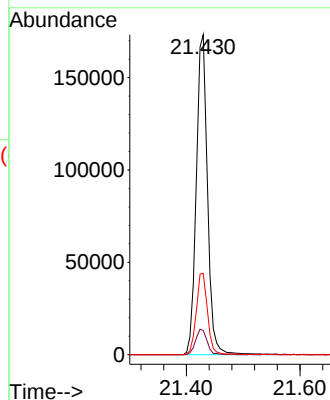
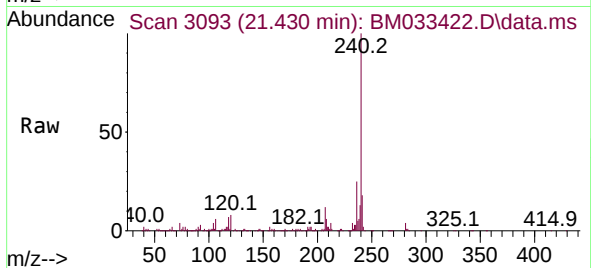
Acq: 11 Dec 2021 21:06

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:240 Resp: 239109
 Ion Ratio Lower Upper
 240 100
 120 7.5 7.8 11.6#
 236 25.4 20.3 30.5



#79

Terphenyl-d14

Concen: 89.465 ng

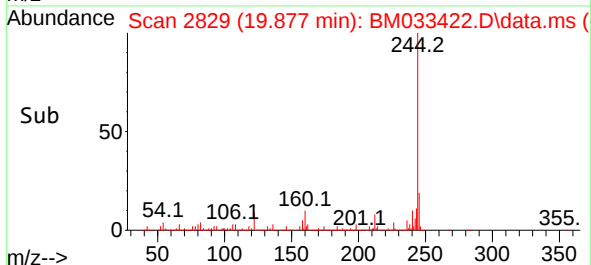
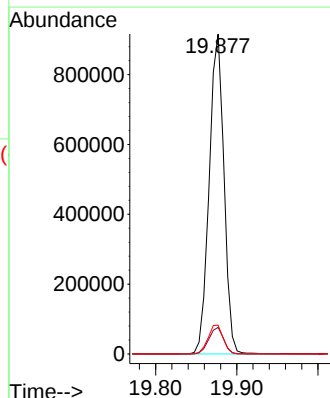
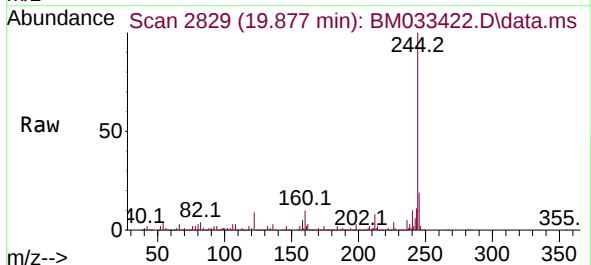
RT: 19.877 min Scan# 2829

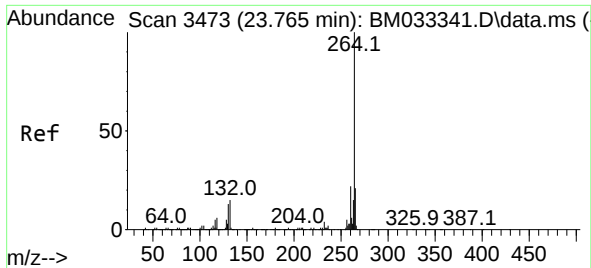
Delta R.T. -0.012 min

Lab File: BM033422.D

Acq: 11 Dec 2021 21:06

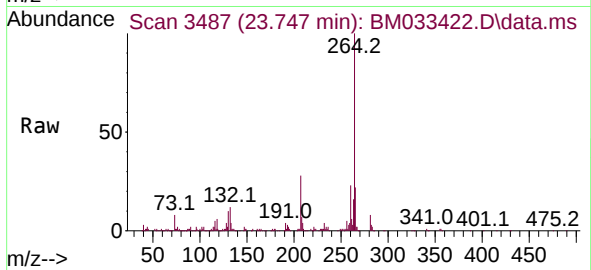
Tgt Ion:244 Resp: 1154651
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 9.0 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264 Resp: 242327

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	21.7	17.7	26.5

