

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033423.D
 Acq On : 11 Dec 2021 21:42
 Operator : CG/JU
 Sample : M4967-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:09:39 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)

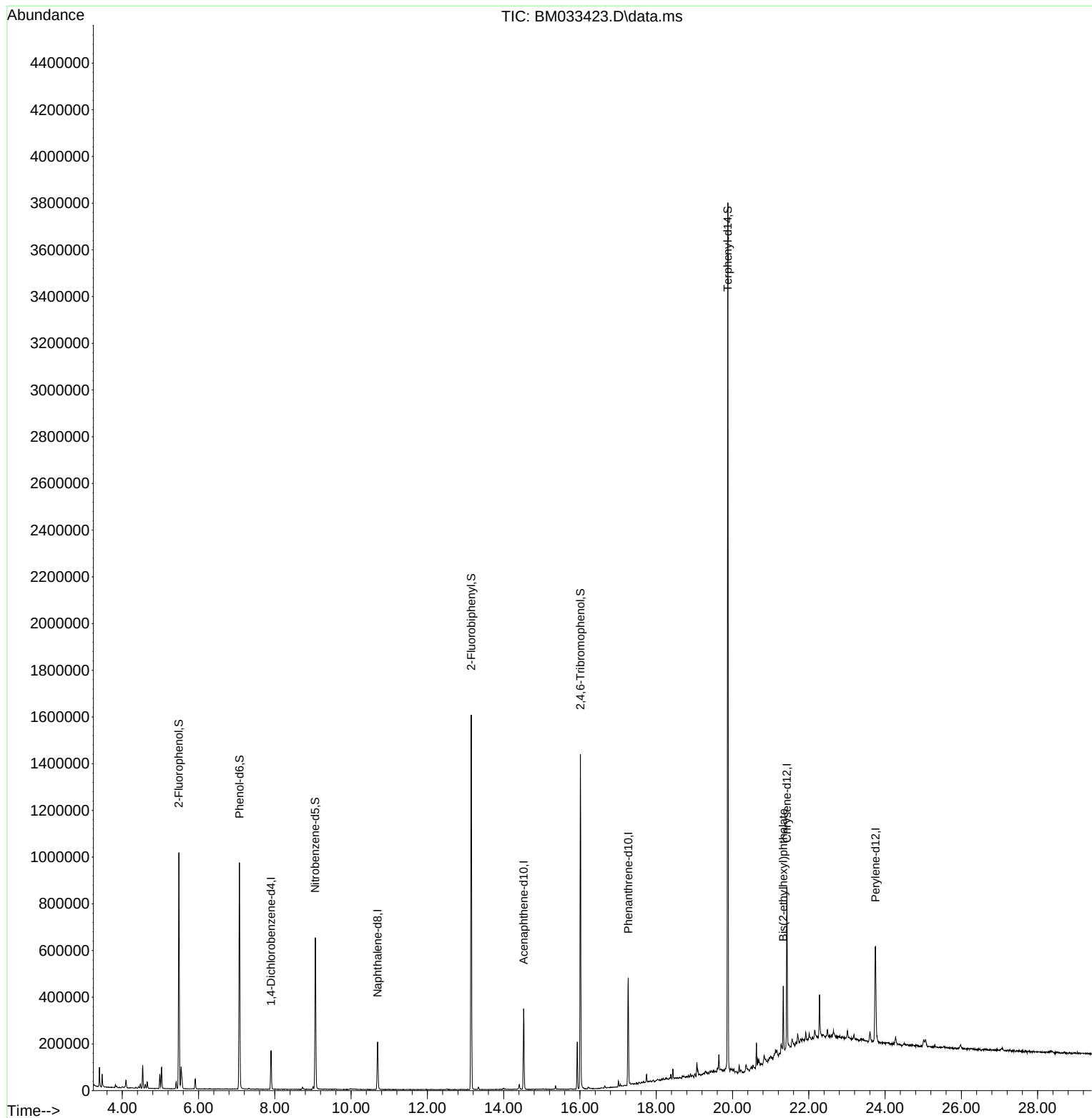
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	38658	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	152430	20.000	ng	-0.01
39) Acenaphthene-d10	14.524	164	108551	20.000	ng	-0.01
64) Phenanthrene-d10	17.265	188	260284	20.000	ng	#-0.01
76) Chrysene-d12	21.424	240	328850	20.000	ng	-0.02
86) Perylene-d12	23.747	264	308775	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	328452	139.385	ng	-0.01
7) Phenol-d6	7.072	99	423051	128.757	ng	-0.02
23) Nitrobenzene-d5	9.060	82	347066	96.678	ng	-0.02
42) 2,4,6-Tribromophenol	16.012	330	201876	173.852	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	748149	95.335	ng	-0.01
79) Terphenyl-d14	19.877	244	1581906	89.122	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.072	77	1318	Below Cal	#	7
84) Bis(2-ethylhexyl)phtha...	21.330	149	74234	5.839	ng	98

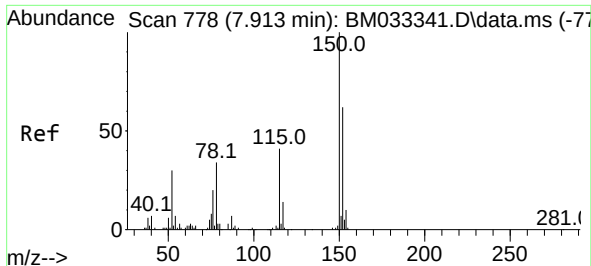
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

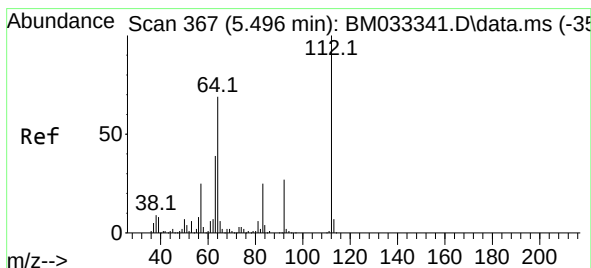
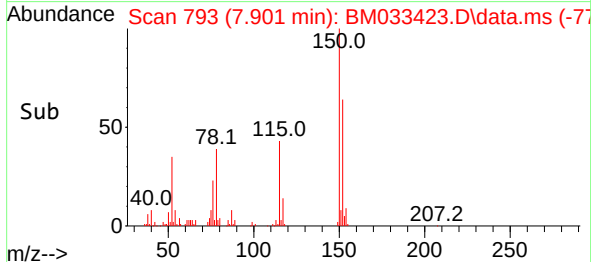
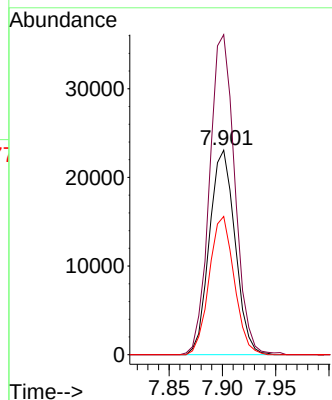
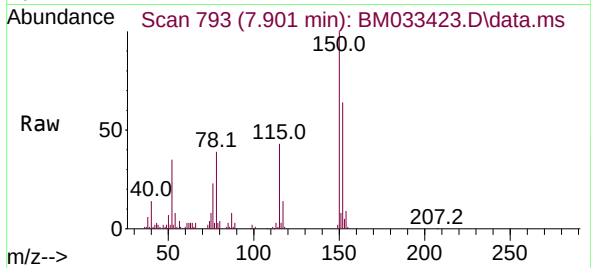




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.901 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM033423.D
 Acq: 11 Dec 2021 21:42

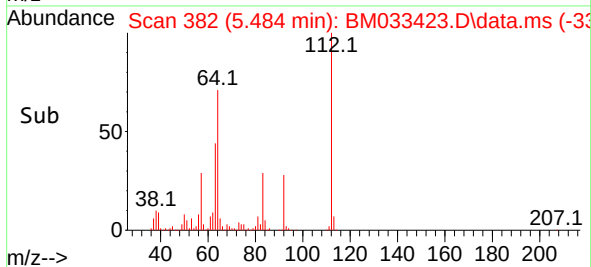
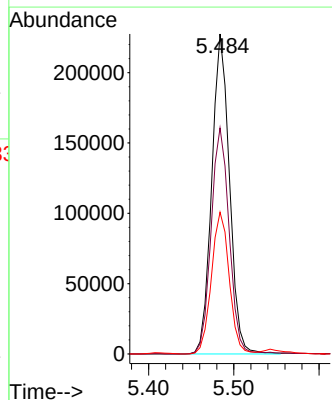
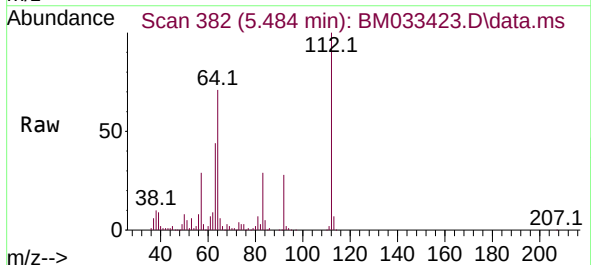
Instrument :
 BNA_M
 ClientSampleId :

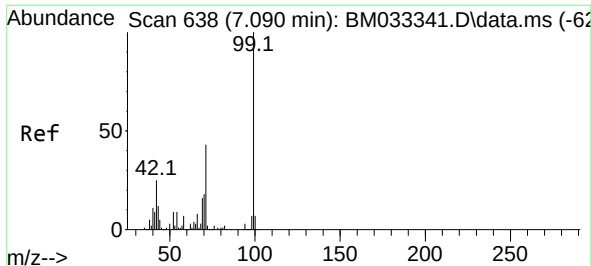
Tgt Ion:152 Resp: 38658
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.9 193.3
 115 67.6 53.0 79.6



#5
 2-Fluorophenol
 Concen: 139.385 ng
 RT: 5.484 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BM033423.D
 Acq: 11 Dec 2021 21:42

Tgt Ion:112 Resp: 328452
 Ion Ratio Lower Upper
 112 100
 64 70.6 55.5 83.3
 63 44.3 31.3 46.9

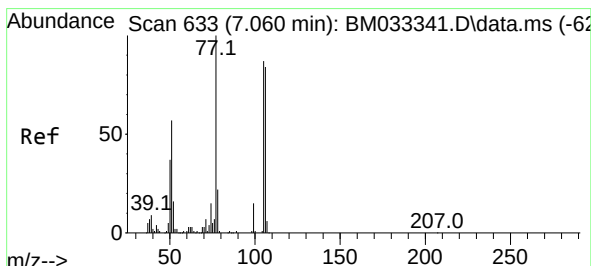
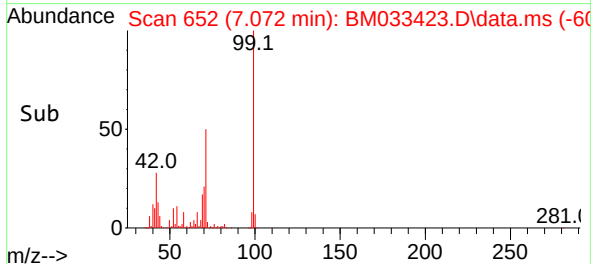
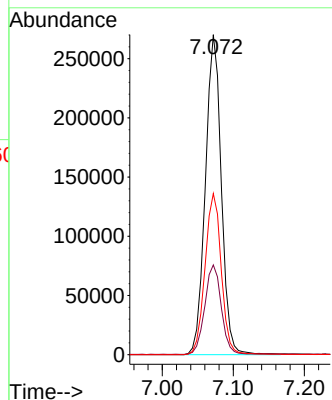
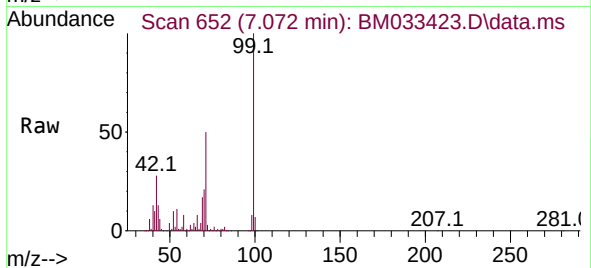




#7
Phenol-d6
Concen: 128.757 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

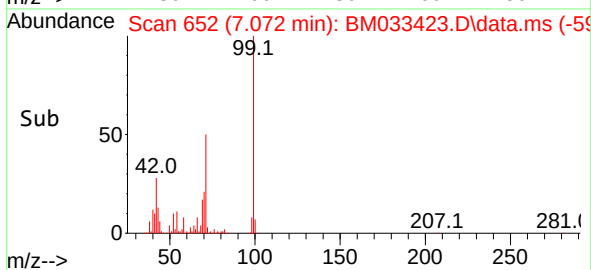
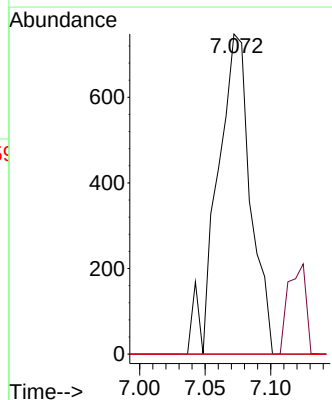
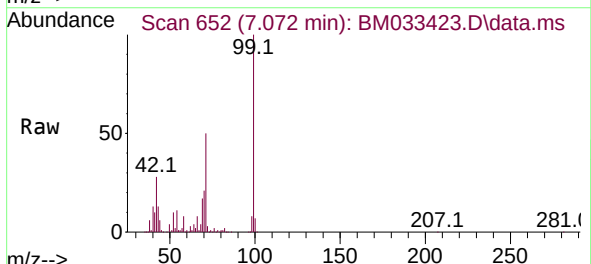
Instrument :
BNA_M
ClientSampleId :

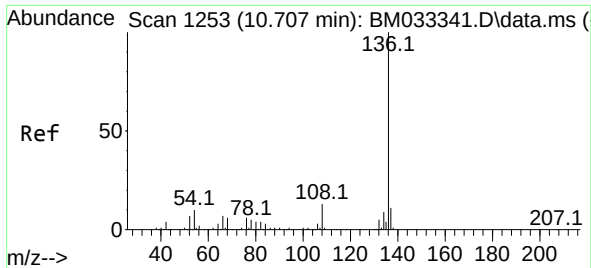
Tgt Ion: 99 Resp: 423051
Ion Ratio Lower Upper
99 100
42 28.1 20.3 30.5
71 50.4 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 652
Delta R.T. 0.012 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

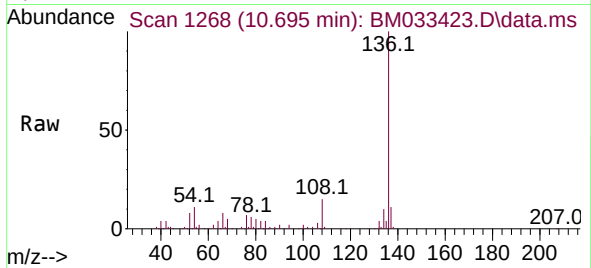
Tgt Ion: 77 Resp: 1318
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



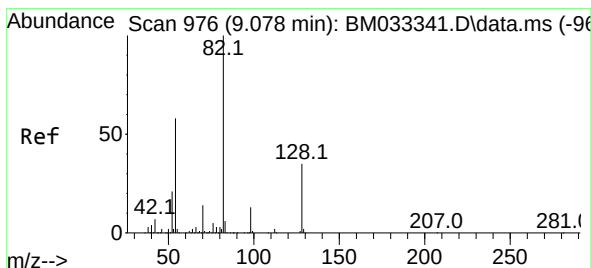
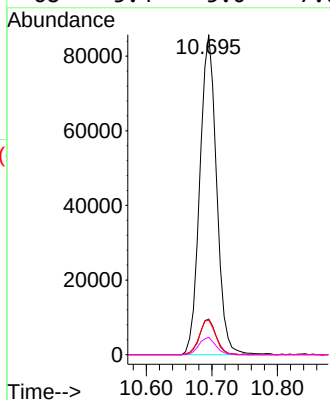
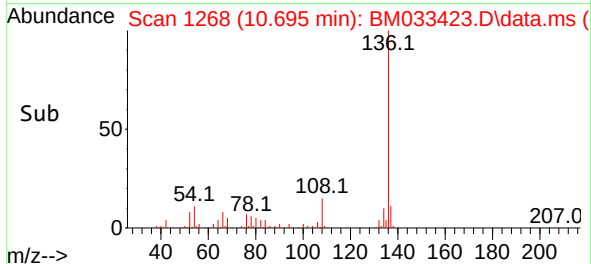


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Instrument :
BNA_M
ClientSampleId :

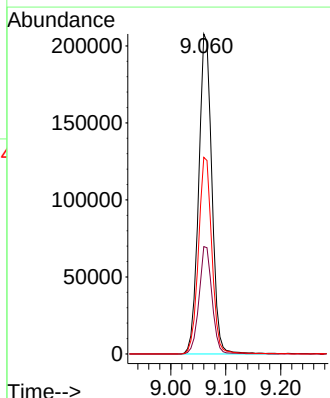
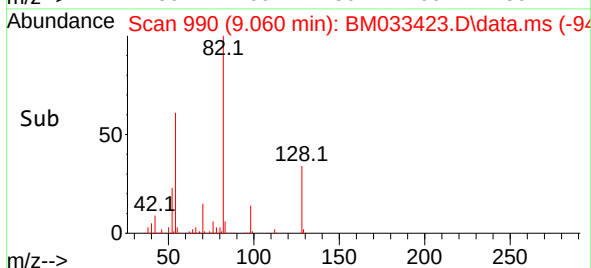
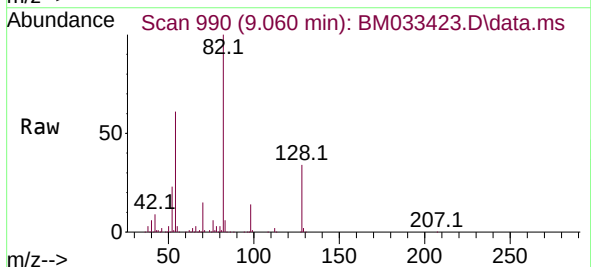


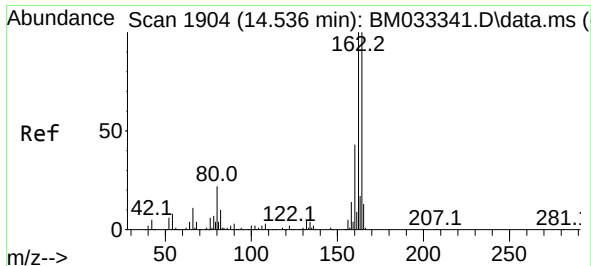
Tgt Ion:136 Resp: 152430
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.8 8.3 12.5
68 5.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 96.678 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.018 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Tgt Ion: 82 Resp: 347066
Ion Ratio Lower Upper
82 100
128 33.6 28.1 42.1
54 61.5 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.524 min Scan# 1919

Delta R.T. -0.012 min

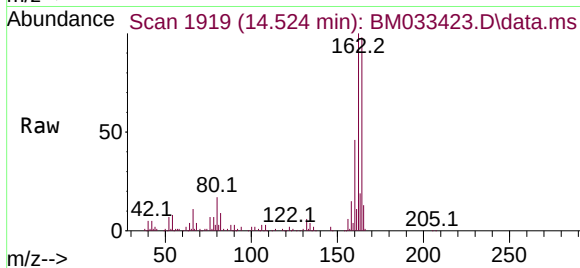
Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

Instrument :

BNA_M

ClientSampleId :



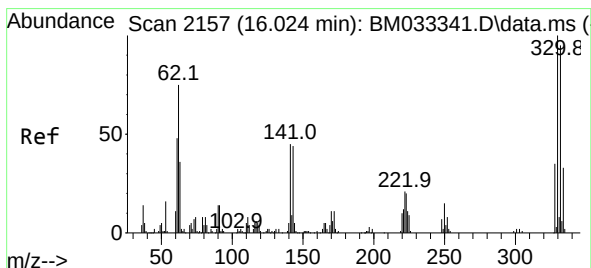
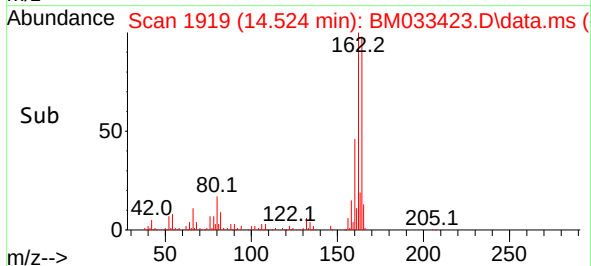
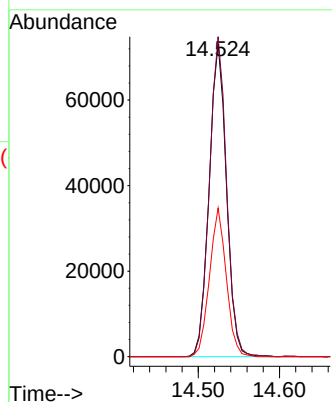
Tgt Ion:164 Resp: 108551

Ion Ratio Lower Upper

164 100

162 102.3 79.7 119.5

160 47.6 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 173.852 ng

RT: 16.012 min Scan# 2172

Delta R.T. -0.012 min

Lab File: BM033423.D

Acq: 11 Dec 2021 21:42

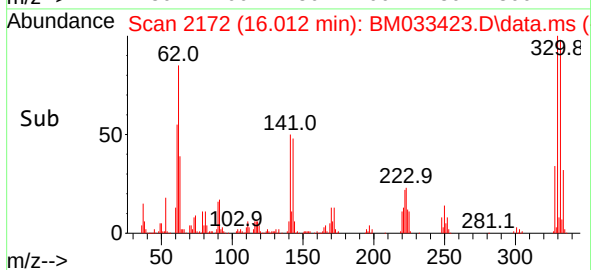
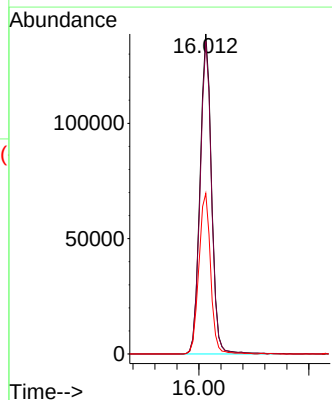
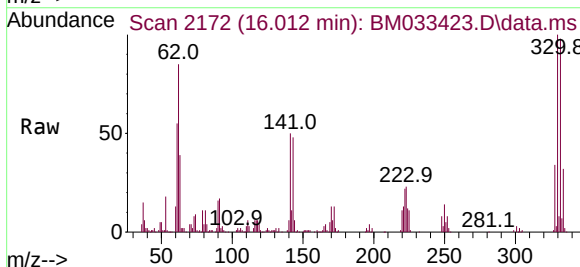
Tgt Ion:330 Resp: 201876

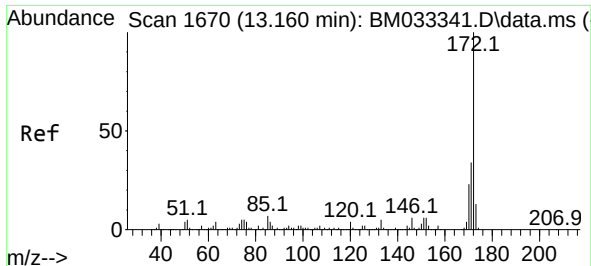
Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

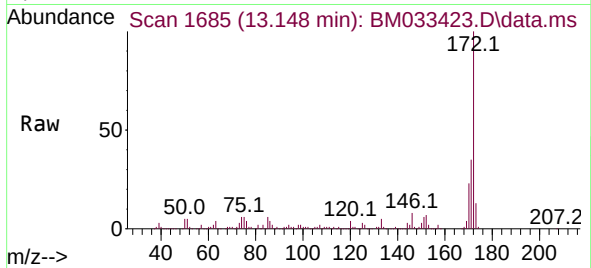
141 51.1 35.9 53.9



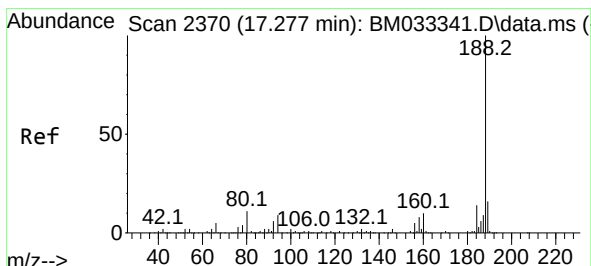
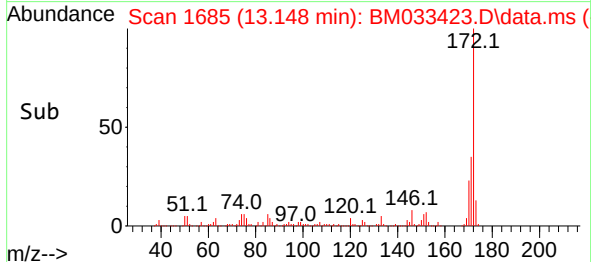
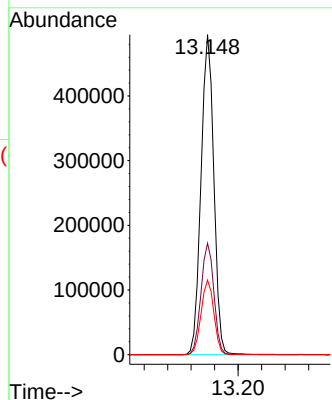


#45
2-Fluorobiphenyl
Concen: 95.335 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Instrument :
BNA_M
ClientSampleId :

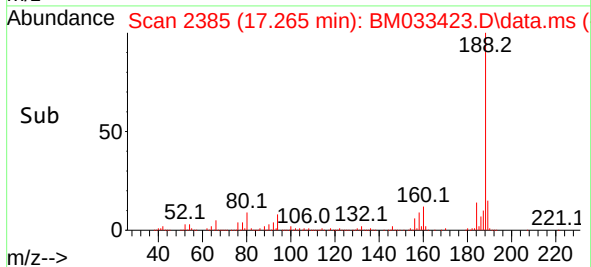
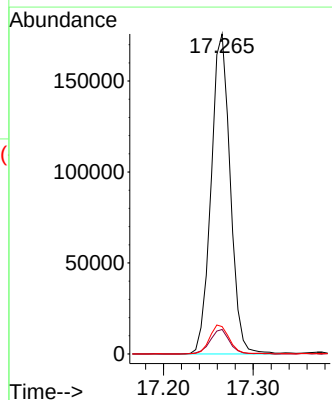
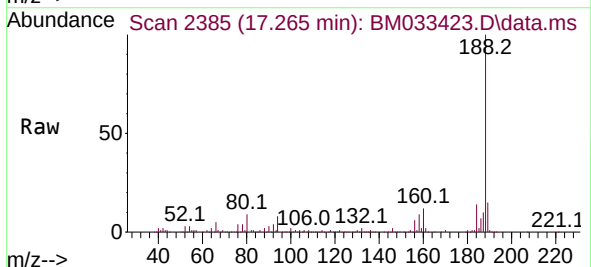


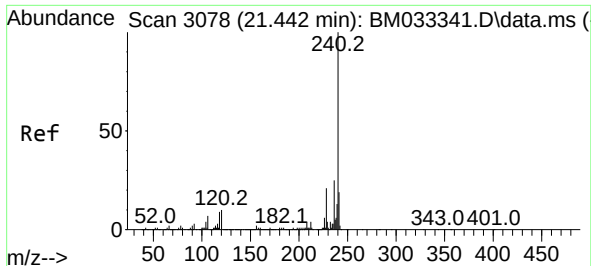
Tgt Ion:172 Resp: 748149
Ion Ratio Lower Upper
172 100
171 34.8 27.2 40.8
170 23.3 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Tgt Ion:188 Resp: 260284
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 8.6 8.9 13.3#

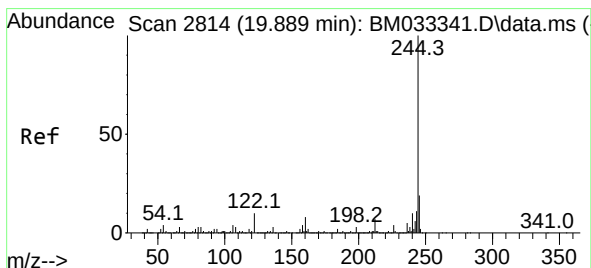
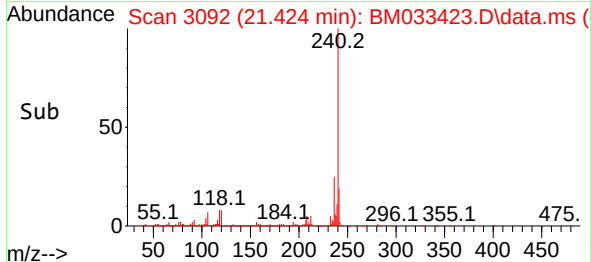
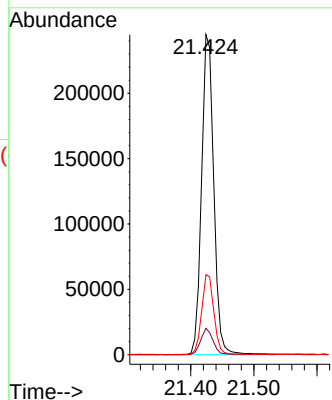
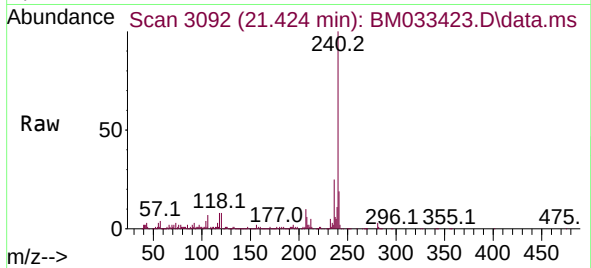




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3078
Delta R.T. -0.018 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

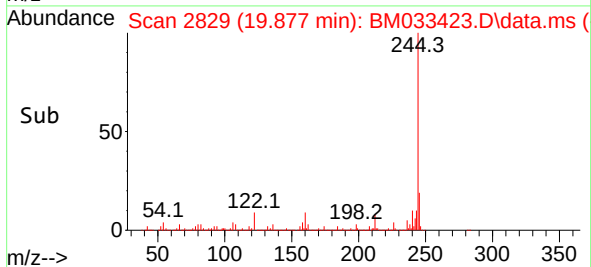
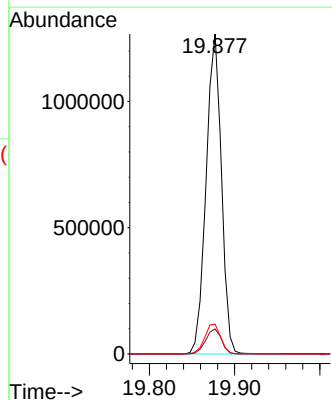
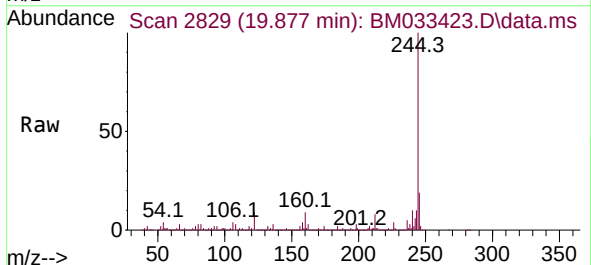
Instrument :
BNA_M
ClientSampleId :

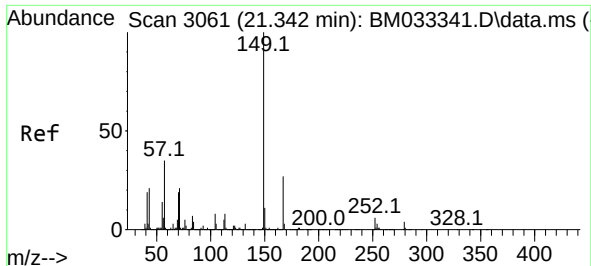
Tgt Ion:240 Resp: 328850
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 89.122 ng
RT: 19.877 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Tgt Ion:244 Resp: 1581906
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.3 8.4 12.6

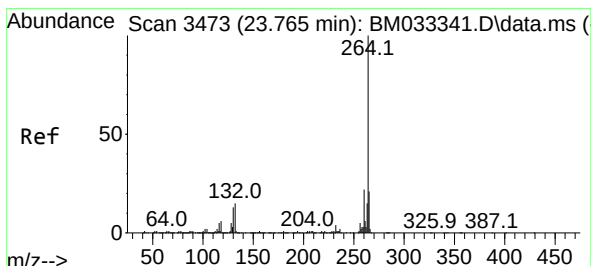
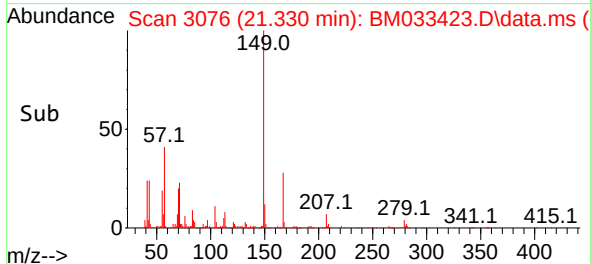
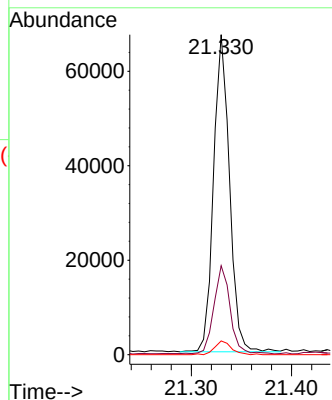
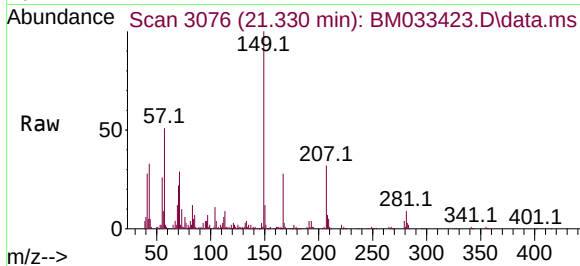




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.839 ng
RT: 21.330 min Scan# 3061
Delta R.T. -0.012 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 74234
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 4.3 3.0 4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.747 min Scan# 3487
Delta R.T. -0.018 min
Lab File: BM033423.D
Acq: 11 Dec 2021 21:42

Tgt Ion:264 Resp: 308775
Ion Ratio Lower Upper
264 100
260 24.0 17.7 26.5
265 22.0 17.7 26.5

