

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033426.D
 Acq On : 11 Dec 2021 23:32
 Operator : CG/JU
 Sample : M4965-27
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:51:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

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

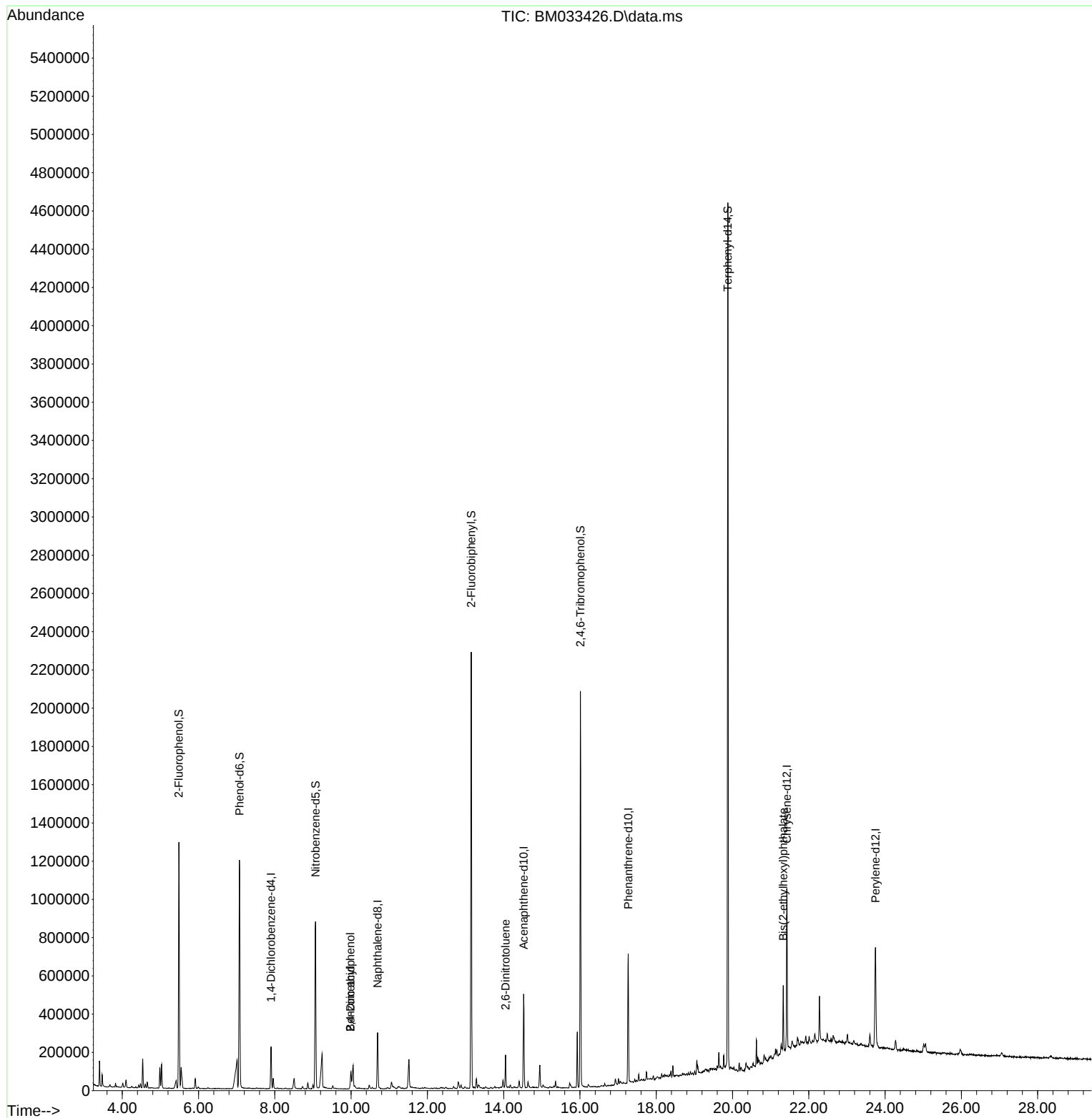
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	51585	20.000	ng	0.00
21) Naphthalene-d8	10.695	136	214921	20.000	ng	0.00
39) Acenaphthene-d10	14.524	164	157644	20.000	ng	0.00
64) Phenanthrene-d10	17.265	188	378924	20.000	ng	0.00
76) Chrysene-d12	21.424	240	405962	20.000	ng	0.00
86) Perylene-d12	23.747	264	384289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	430700	136.973	ng	0.00
7) Phenol-d6	7.072	99	552839	126.093	ng	0.00
23) Nitrobenzene-d5	9.066	82	471572	93.165	ng	0.00
42) 2,4,6-Tribromophenol	16.012	330	298465	176.988	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	1062197	93.203	ng	0.00
79) Terphenyl-d14	19.877	244	1960003	89.448	ng	0.00
Target Compounds						
9) Benzaldehyde	7.078	77	2300	Below Cal	Qvalue #	7
27) 2,4-Dimethylphenol	9.983	122	7287	2.570 ng	#	1
32) Benzoic acid	9.983	122	7287	3.548 ng	#	81
51) 2,6-Dinitrotoluene	14.048	165	17723	7.585 ng	#	20
84) Bis(2-ethylhexyl)phtha...	21.330	149	97847	6.235 ng		99

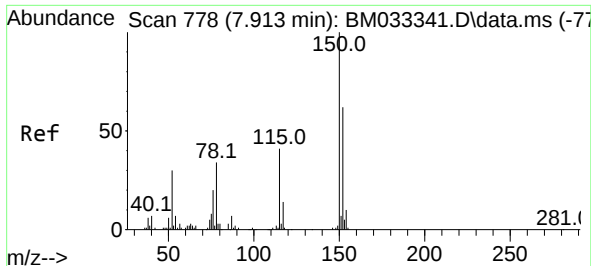
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 : Sun Dec 12 00:15:00 2021
Response via : Initial Calibration

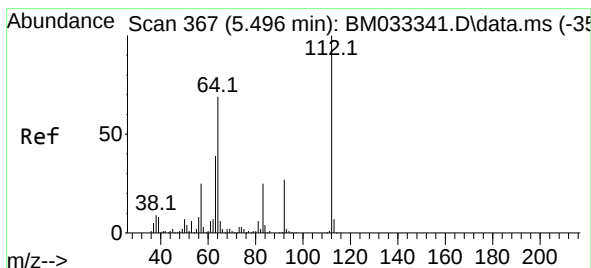
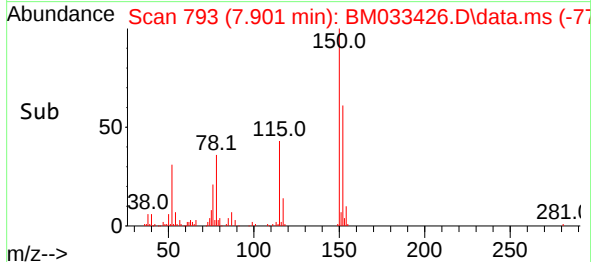
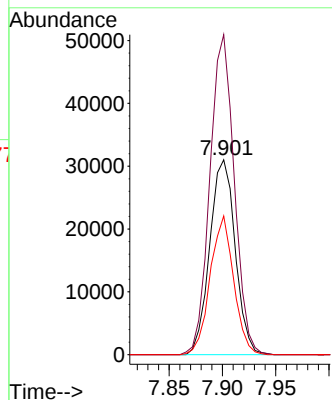
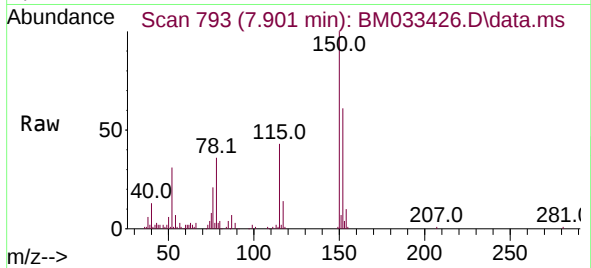




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.901 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM033426.D
 Acq: 11 Dec 2021 23:32

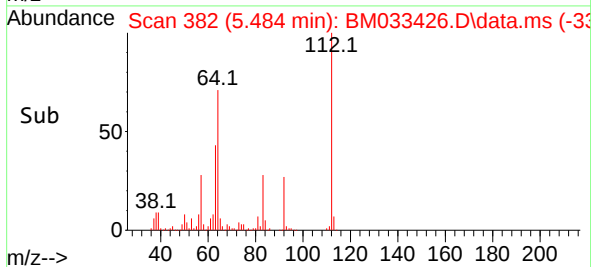
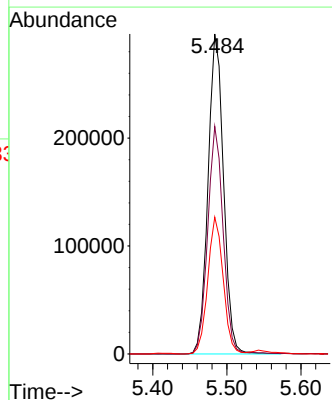
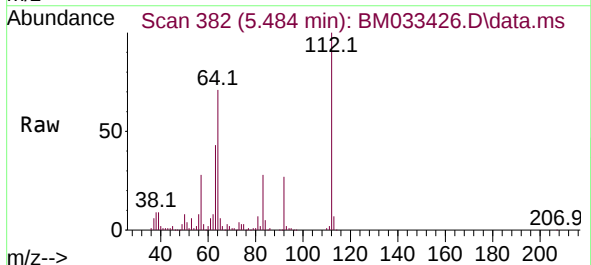
Instrument :
 BNA_M
 ClientSampleId :

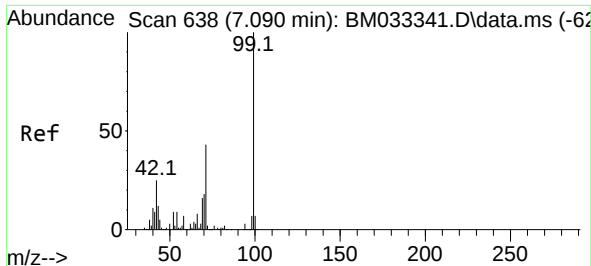
Tgt Ion:152 Resp: 51585
 Ion Ratio Lower Upper
 152 100
 150 164.1 128.9 193.3
 115 71.2 53.0 79.6



#5
 2-Fluorophenol
 Concen: 136.973 ng
 RT: 5.484 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: BM033426.D
 Acq: 11 Dec 2021 23:32

Tgt Ion:112 Resp: 430700
 Ion Ratio Lower Upper
 112 100
 64 71.1 55.5 83.3
 63 42.8 31.3 46.9

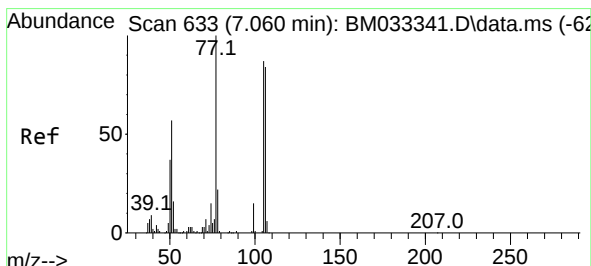
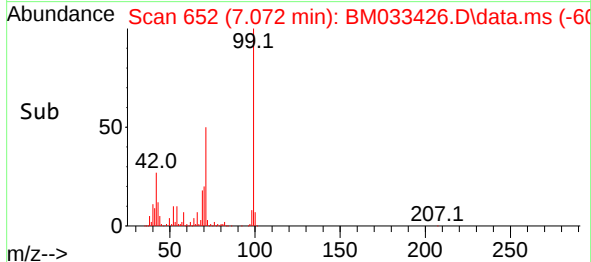
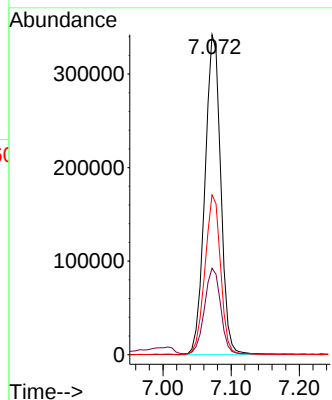
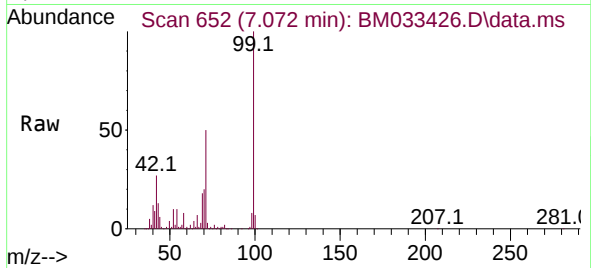




#7
Phenol-d6
Concen: 126.093 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

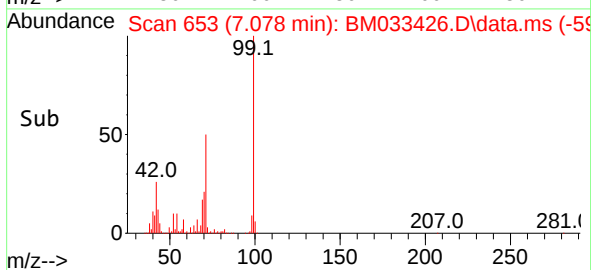
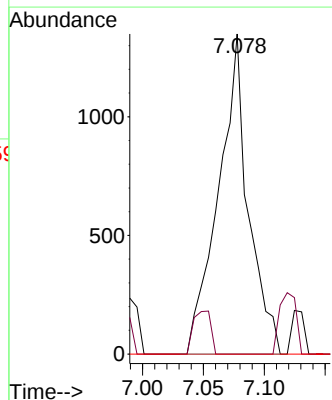
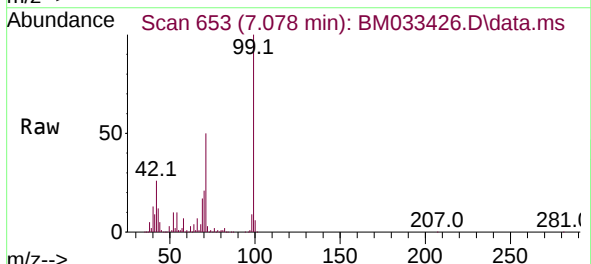
Instrument :
BNA_M
ClientSampleId :

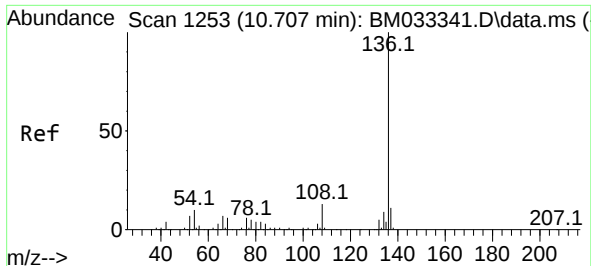
Tgt Ion: 99 Resp: 552839
Ion Ratio Lower Upper
99 100
42 27.0 20.3 30.5
71 50.0 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 653
Delta R.T. 0.029 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

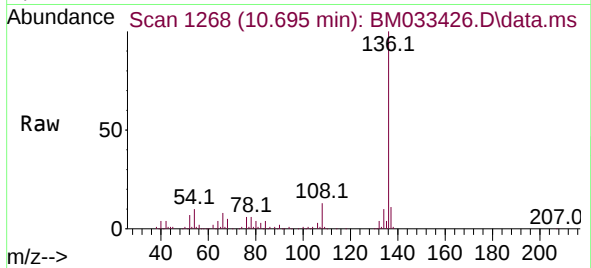
Tgt Ion: 77 Resp: 2300
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



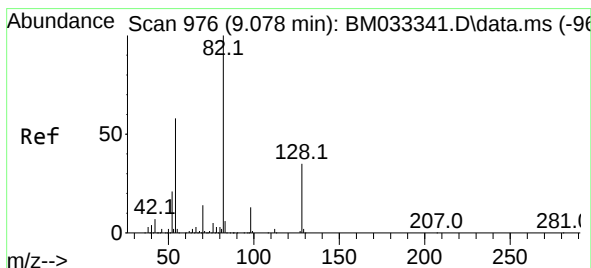
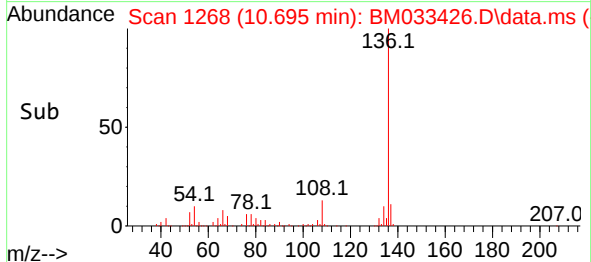
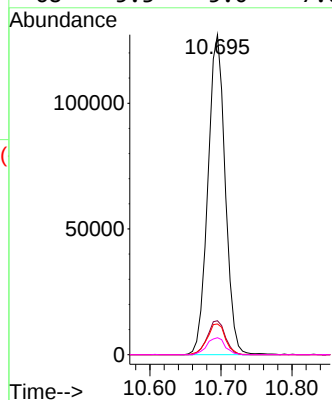


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

Instrument :
BNA_M
ClientSampleId :

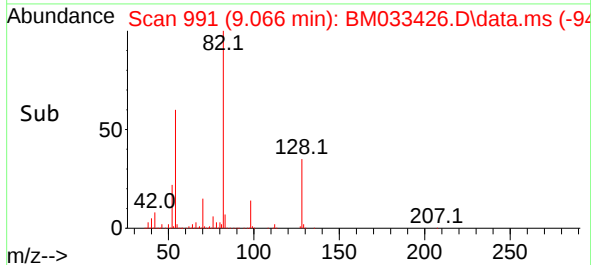
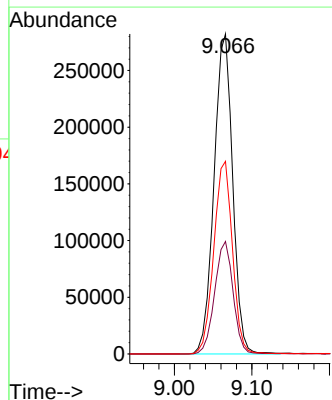
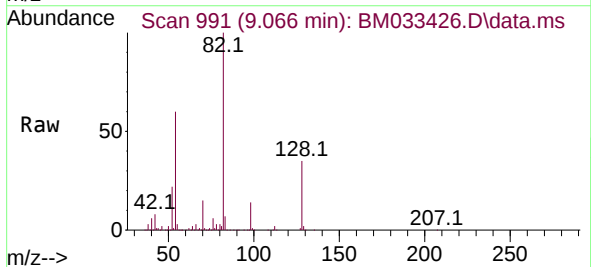


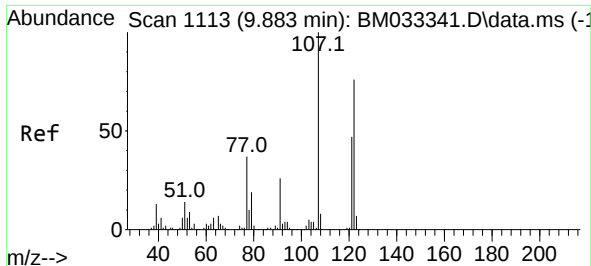
Tgt Ion:136 Resp: 214921
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.6 8.3 12.5
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.165 ng
RT: 9.066 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

Tgt Ion: 82 Resp: 471572
Ion Ratio Lower Upper
82 100
128 35.1 28.1 42.1
54 60.2 46.1 69.1





#27

2,4-Dimethylphenol

Concen: 2.570 ng

RT: 9.983 min Scan# 1113

Delta R.T. 0.112 min

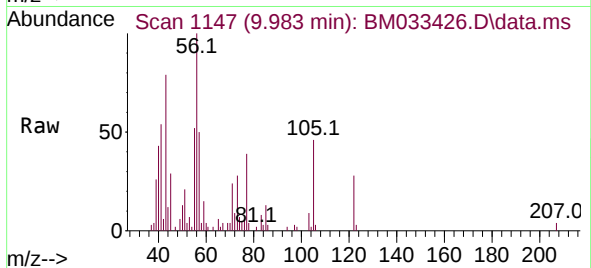
Lab File: BM033426.D

Acq: 11 Dec 2021 23:32

Instrument :

BNA_M

ClientSampleId :



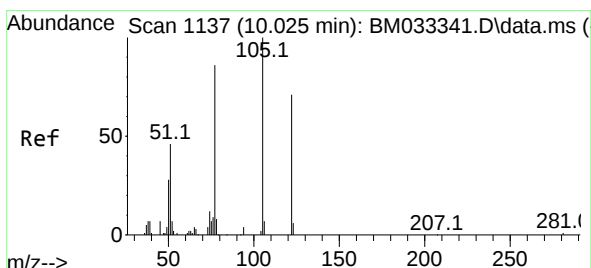
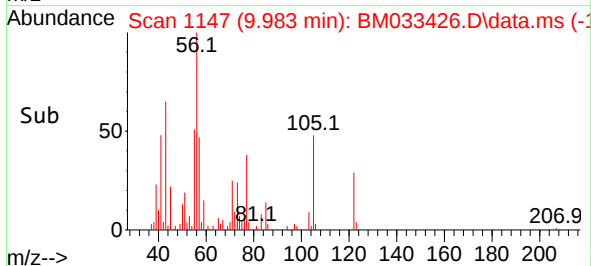
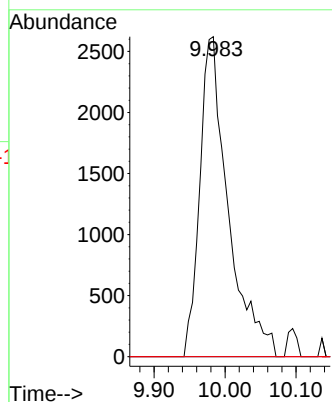
Tgt Ion:122 Resp: 7287

Ion Ratio Lower Upper

122 100

107 0.0 105.3 157.9#

121 0.0 49.7 74.5#



#32

Benzoic acid

Concen: 3.548 ng

RT: 9.983 min Scan# 1147

Delta R.T. -0.035 min

Lab File: BM033426.D

Acq: 11 Dec 2021 23:32

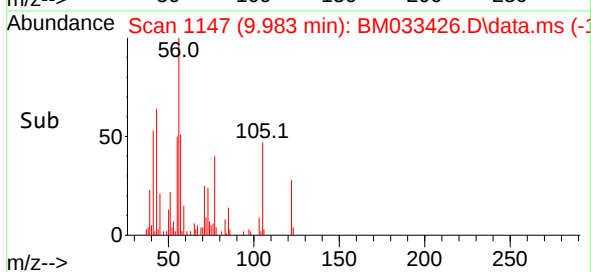
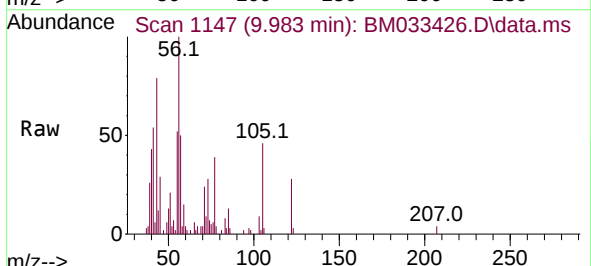
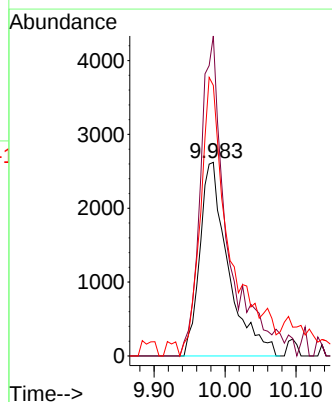
Tgt Ion:122 Resp: 7287

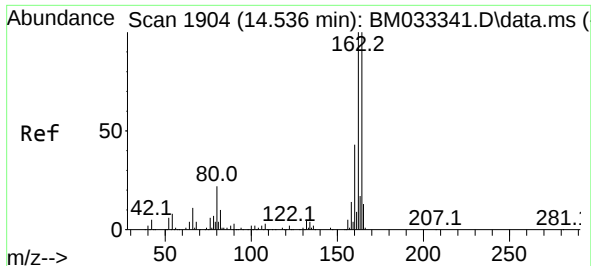
Ion Ratio Lower Upper

122 100

105 165.3 119.6 159.6#

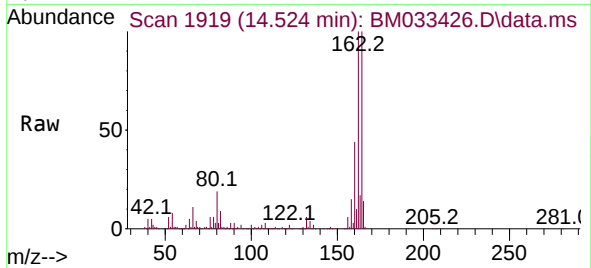
77 139.8 101.0 141.0



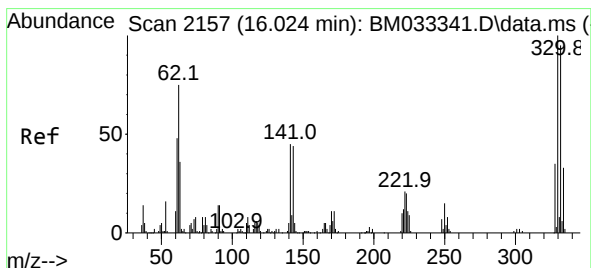
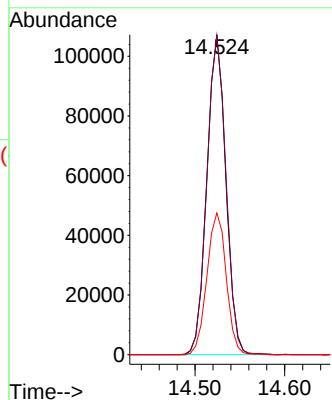
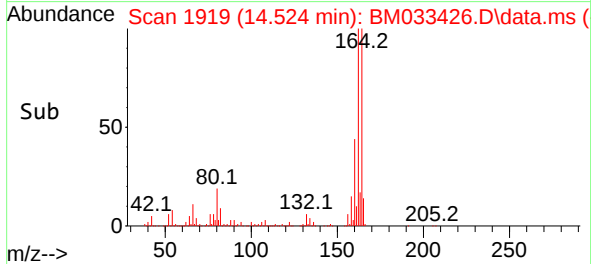


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

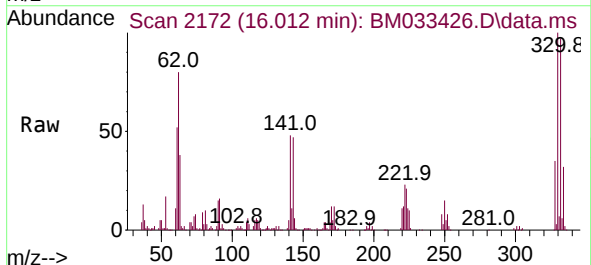
Instrument :
BNA_M
ClientSampleId :



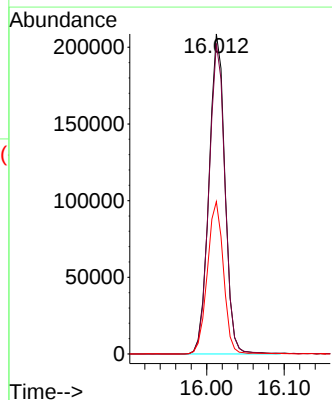
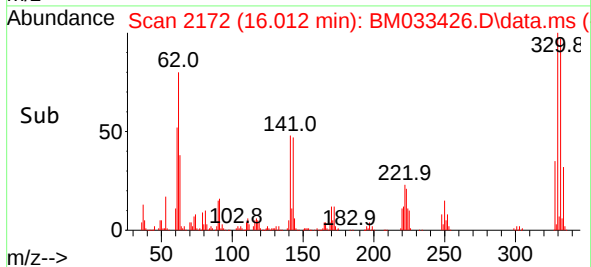
Tgt Ion:164 Resp: 157644
Ion Ratio Lower Upper
164 100
162 99.7 79.7 119.5
160 44.3 34.2 51.4

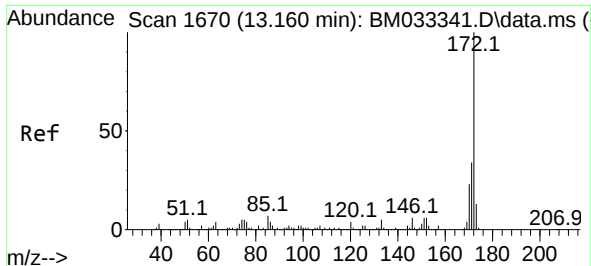


#42
2,4,6-Tribromophenol
Concen: 176.988 ng
RT: 16.012 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32



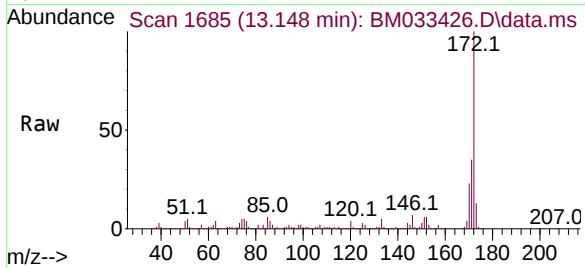
Tgt Ion:330 Resp: 298465
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 48.0 35.9 53.9



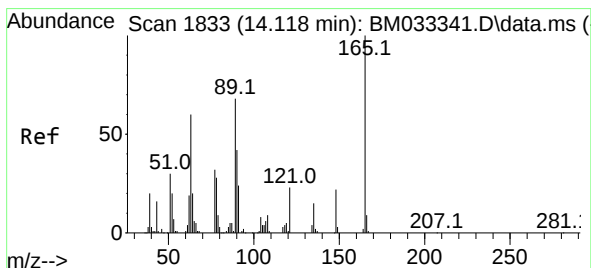
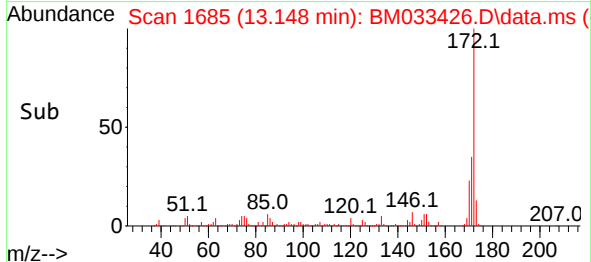
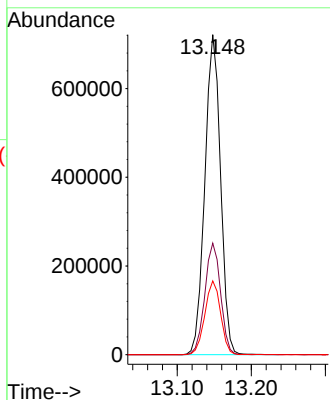


#45
2-Fluorobiphenyl
Concen: 93.203 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

Instrument :
BNA_M
ClientSampleId :

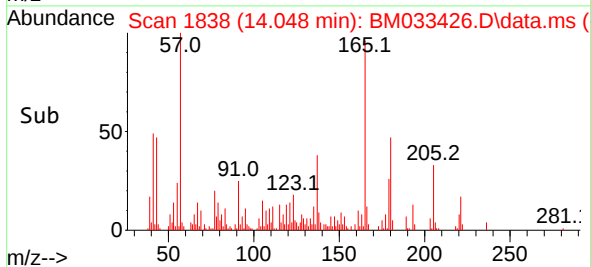
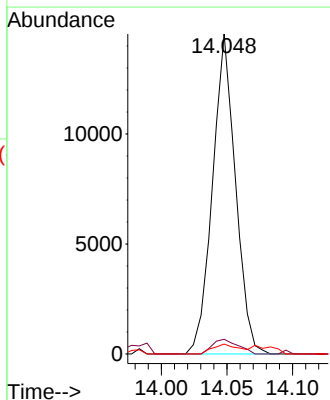
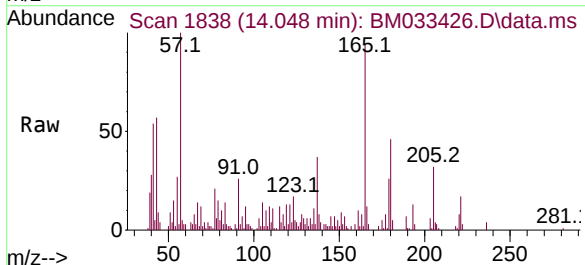


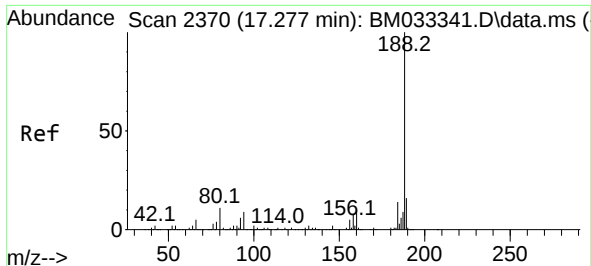
Tgt Ion:172 Resp: 1062197
Ion Ratio Lower Upper
172 100
171 34.8 27.2 40.8
170 23.0 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 7.585 ng
RT: 14.048 min Scan# 1838
Delta R.T. -0.059 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

Tgt Ion:165 Resp: 17723
Ion Ratio Lower Upper
165 100
63 4.6 56.9 85.3#
89 3.1 54.3 81.5#

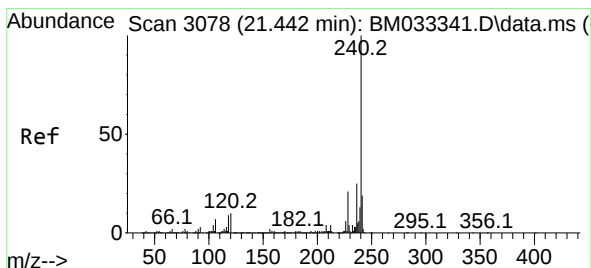
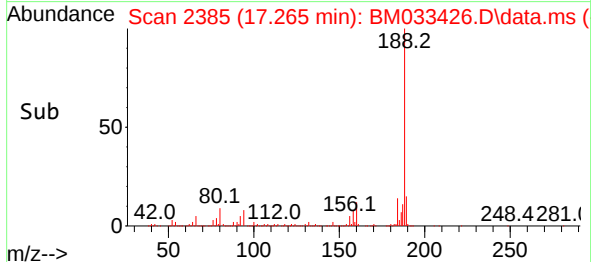
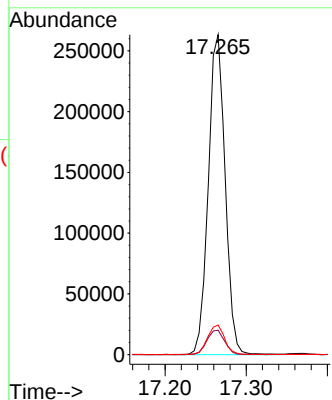
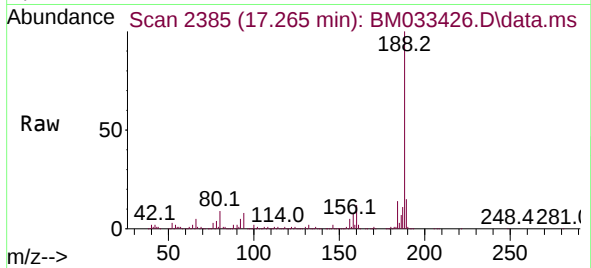




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

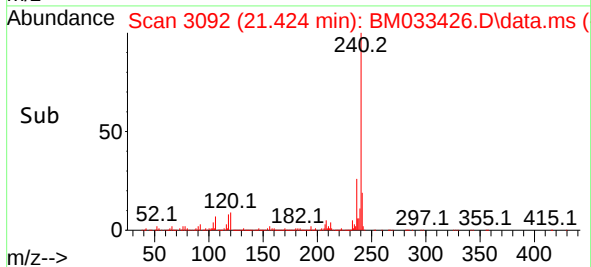
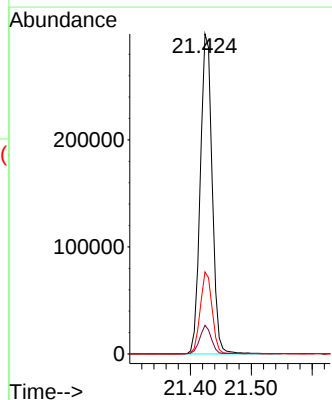
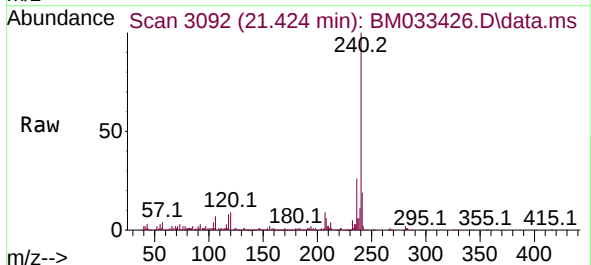
Instrument :
BNA_M
ClientSampleId :

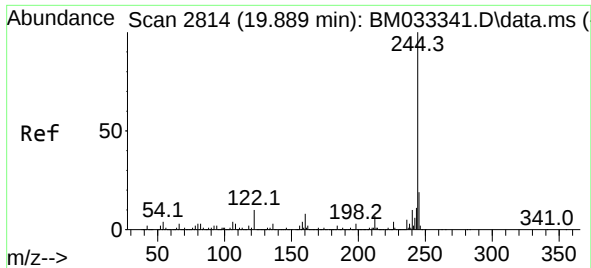
Tgt Ion:188 Resp: 378924
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM033426.D
Acq: 11 Dec 2021 23:32

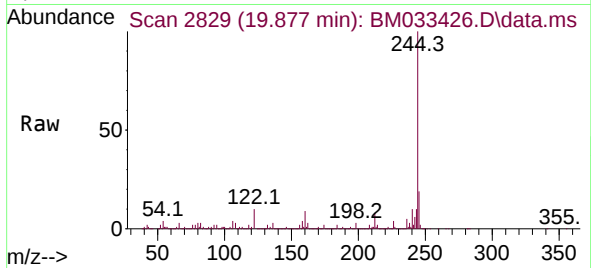
Tgt Ion:240 Resp: 405962
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.7 20.3 30.5



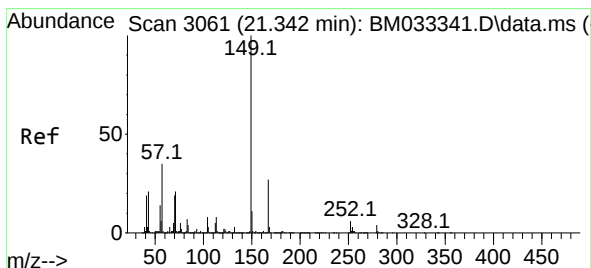
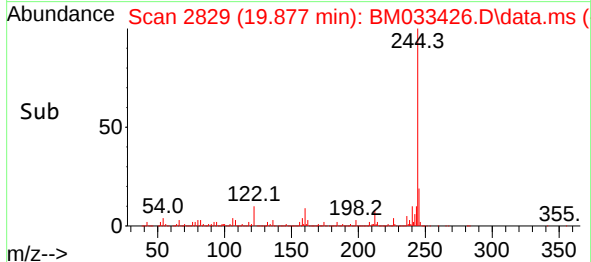
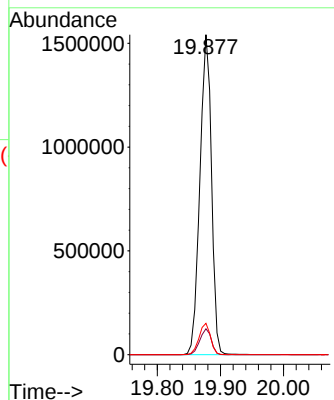


#79
 Terphenyl-d14
 Concen: 89.448 ng
 RT: 19.877 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033426.D
 Acq: 11 Dec 2021 23:32

Instrument :
 BNA_M
 ClientSampleId :

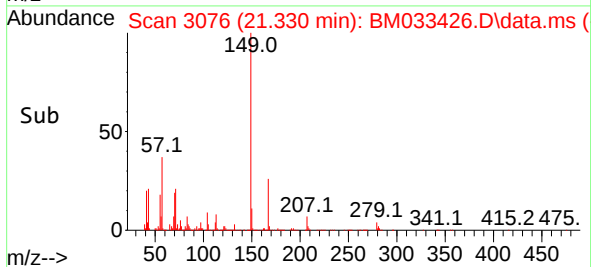
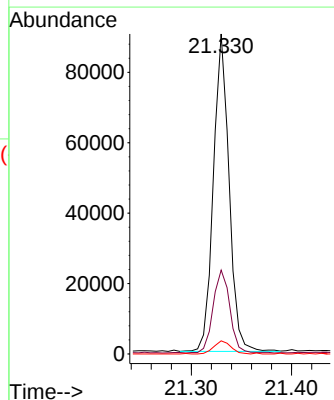
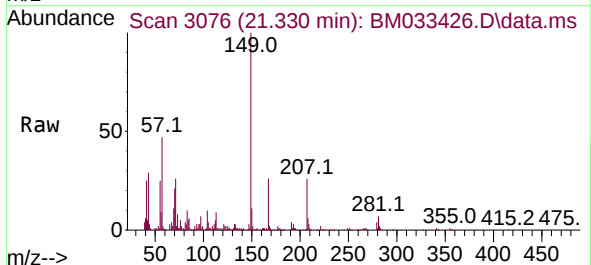


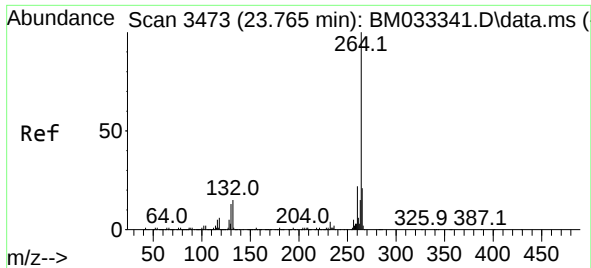
Tgt Ion:244 Resp: 1960003
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 9.8 8.4 12.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.235 ng
 RT: 21.330 min Scan# 3076
 Delta R.T. -0.006 min
 Lab File: BM033426.D
 Acq: 11 Dec 2021 23:32

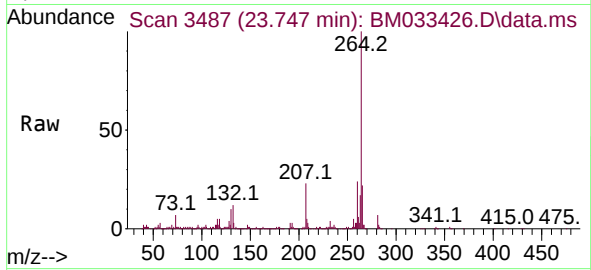
Tgt Ion:149 Resp: 97847
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.4 32.0
 279 4.1 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM033426.D
 Acq: 11 Dec 2021 23:32

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264	Resp:	384289
Ion	Ratio	Lower Upper
264	100	
260	24.2	17.7 26.5
265	21.9	17.7 26.5

