

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033428.D
 Acq On : 12 Dec 2021 00:44
 Operator : CG/JU
 Sample : M4965-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 01:15:12 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)

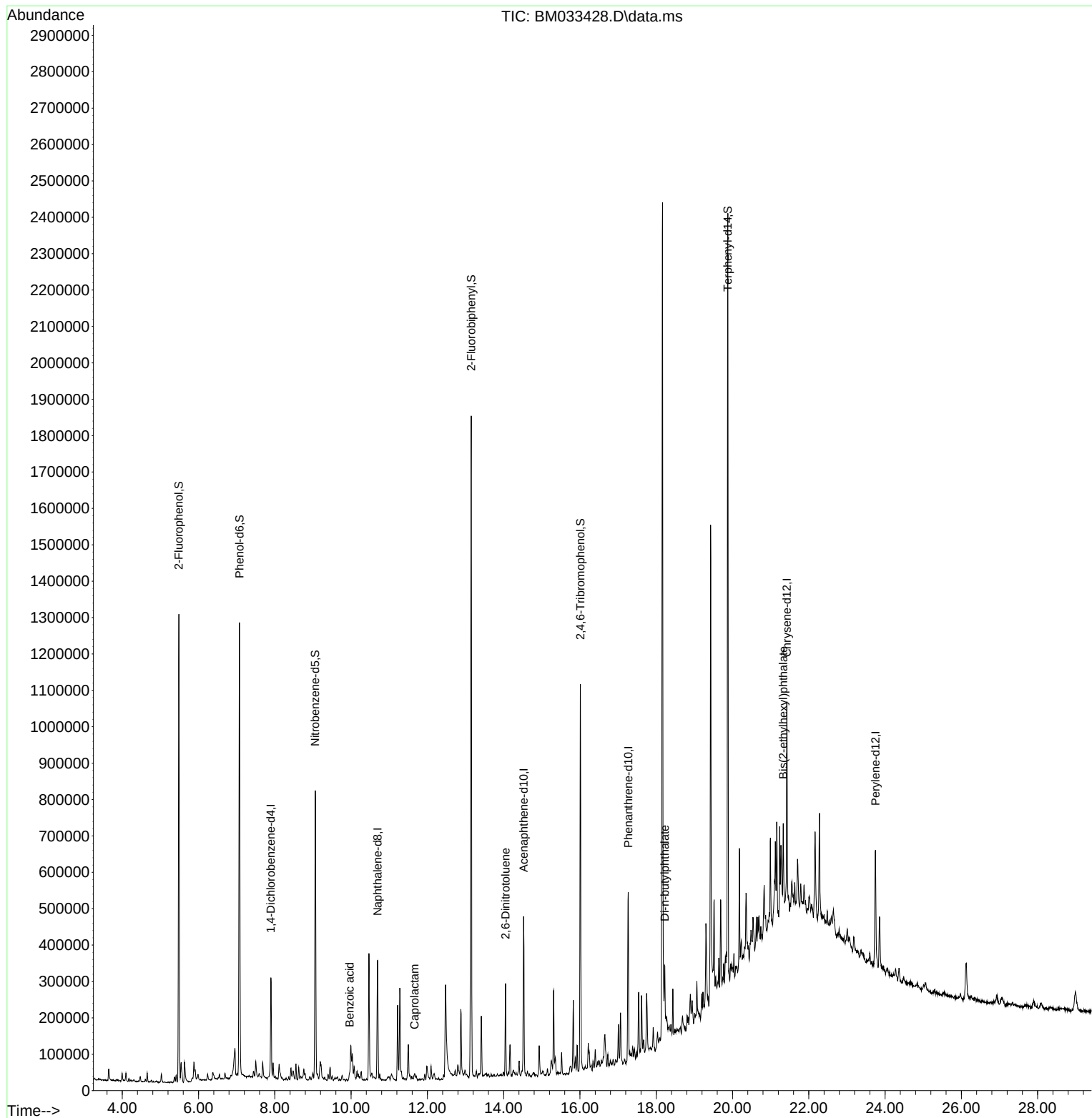
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	64729	20.000	ng	0.00
21) Naphthalene-d8	10.695	136	247377	20.000	ng	0.00
39) Acenaphthene-d10	14.524	164	145136	20.000	ng	0.00
64) Phenanthrene-d10	17.265	188	266744	20.000	ng	0.00
76) Chrysene-d12	21.424	240	231953	20.000	ng	0.00
86) Perylene-d12	23.747	264	237480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	445194	112.833	ng	0.00
7) Phenol-d6	7.072	99	580330	105.486	ng	0.00
23) Nitrobenzene-d5	9.060	82	432005	74.150	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	160140	103.146	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	825920	78.716	ng	0.00
79) Terphenyl-d14	19.877	244	926018	73.964	ng	0.00
Target Compounds						
9) Benzaldehyde	7.072	77	3598	Below Cal	Qvalue #	24
32) Benzoic acid	9.966	122	6367	2.694 ng	#	98
35) Caprolactam	11.660	113	2111	2.869 ng	#	13
51) 2,6-Dinitrotoluene	14.048	165	28361	13.183 ng	#	20
74) Di-n-butylphthalate	18.224	149	104362	6.786 ng	#	97
84) Bis(2-ethylhexyl)phtha...	21.330	149	53929	6.014 ng	#	98

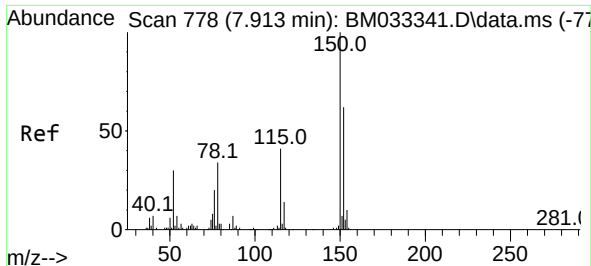
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 12 01:15:12 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

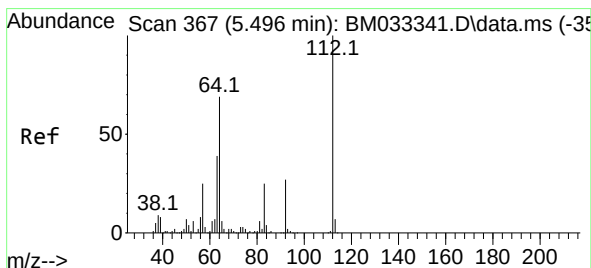
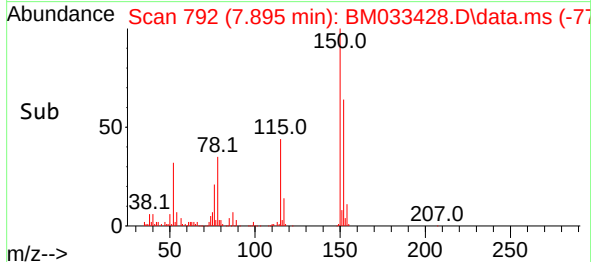
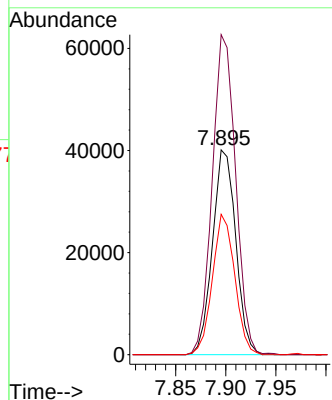
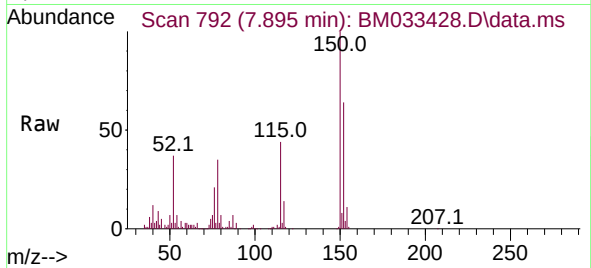




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.895 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

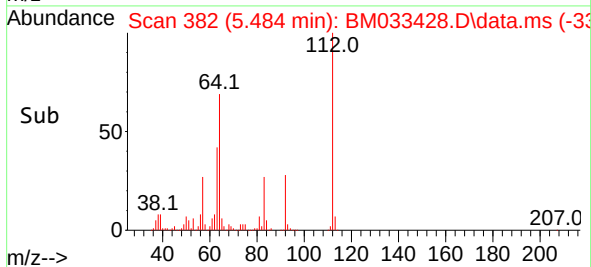
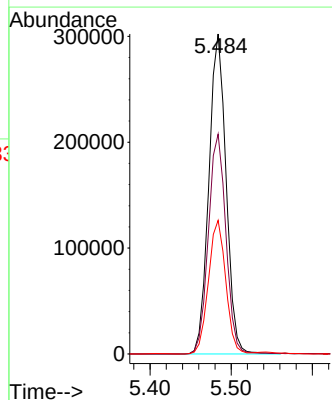
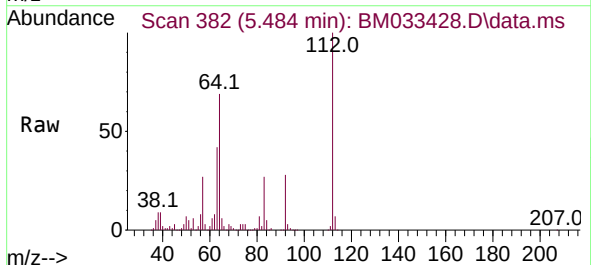
Instrument :
BNA_M
ClientSampleId :

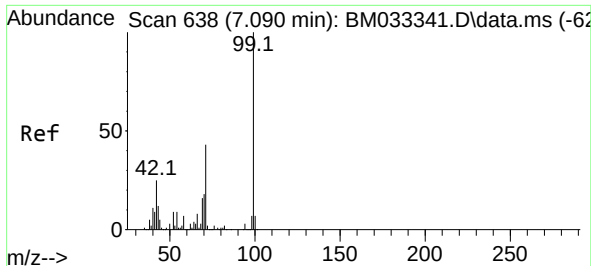
Tgt Ion:152 Resp: 64729
Ion Ratio Lower Upper
152 100
150 156.3 128.9 193.3
115 68.5 53.0 79.6



#5
2-Fluorophenol
Concen: 112.833 ng
RT: 5.484 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:112 Resp: 445194
Ion Ratio Lower Upper
112 100
64 68.7 55.5 83.3
63 41.8 31.3 46.9

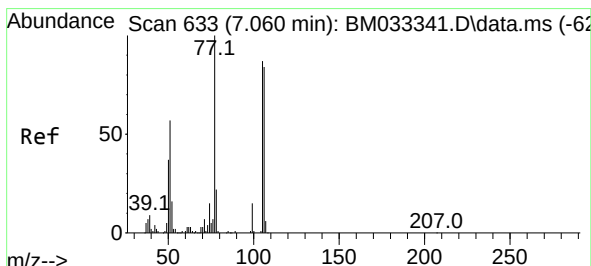
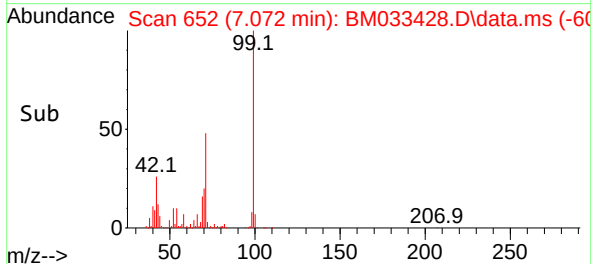
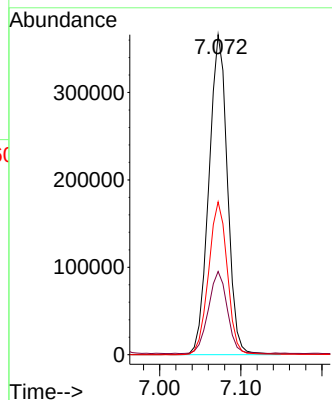
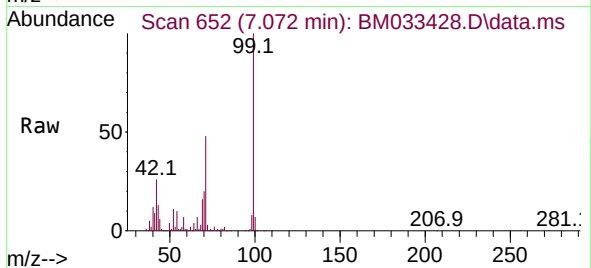




#7
Phenol-d6
Concen: 105.486 ng
RT: 7.072 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

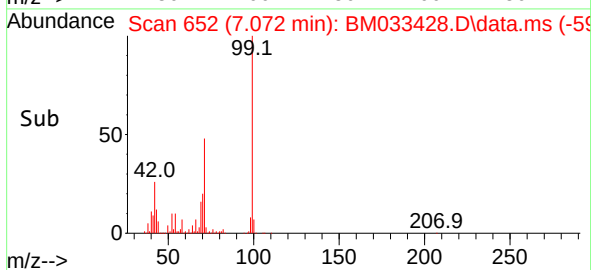
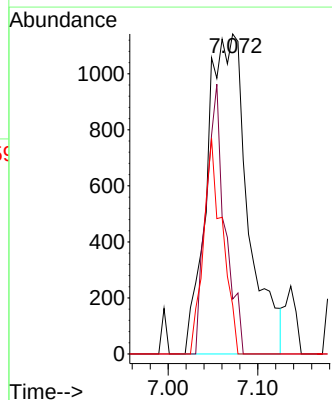
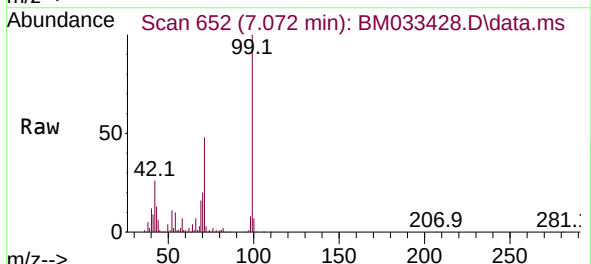
Instrument :
BNA_M
ClientSampleId :

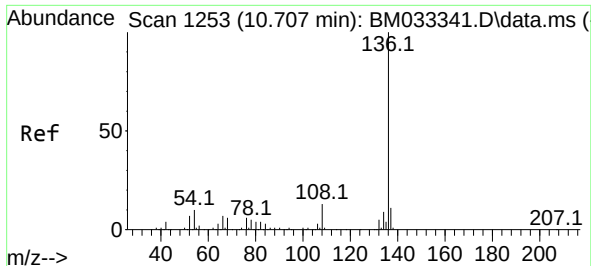
Tgt Ion: 99 Resp: 580330
Ion Ratio Lower Upper
99 100
42 26.0 20.3 30.5
71 47.8 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 652
Delta R.T. 0.024 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

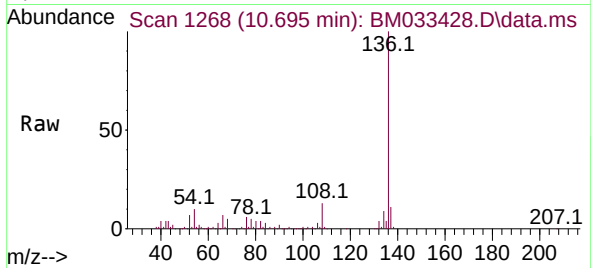
Tgt Ion: 77 Resp: 3598
Ion Ratio Lower Upper
77 100
105 17.2 67.1 107.1#
106 15.3 64.3 104.3#



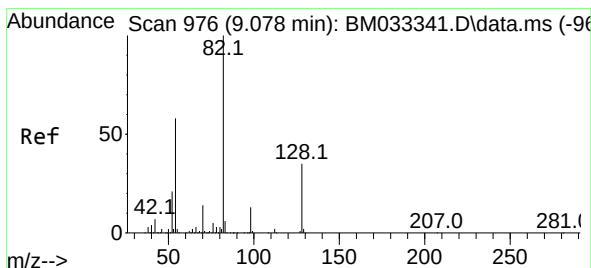
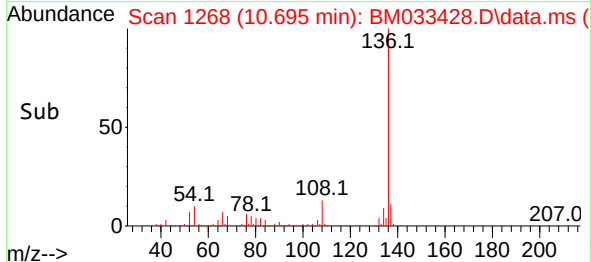
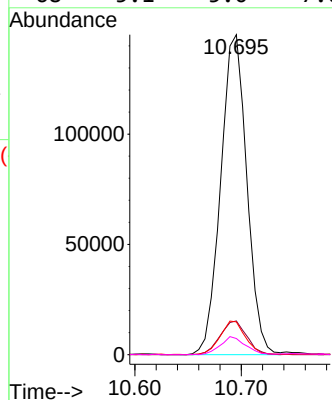


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Instrument :
BNA_M
ClientSampleId :

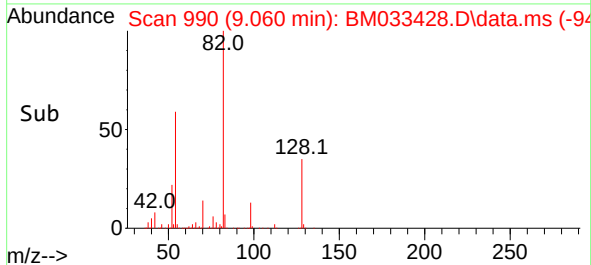
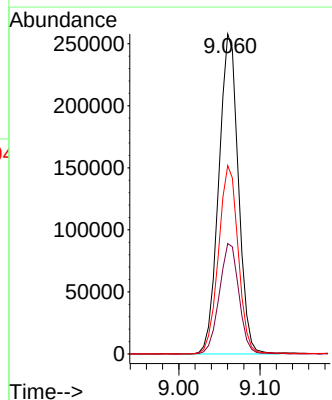
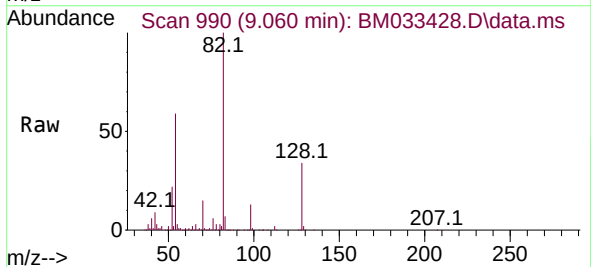


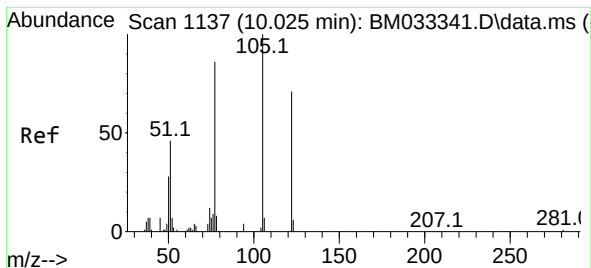
Tgt Ion:	136	Resp:	247377
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.2	8.3	12.5
68	5.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 74.150 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:	82	Resp:	432005
Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.1	42.1
54	58.8	46.1	69.1

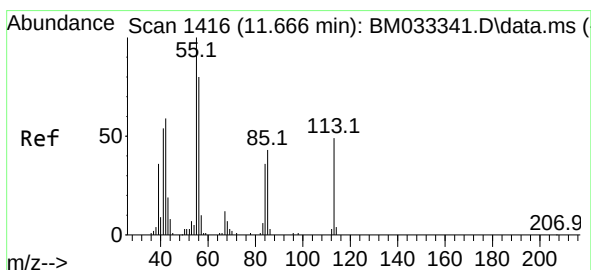
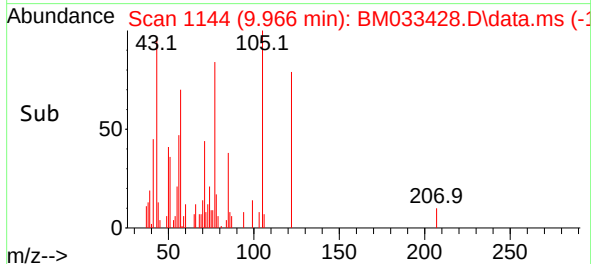
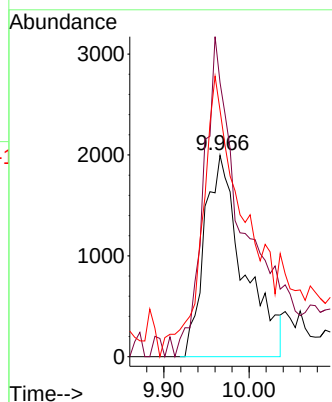
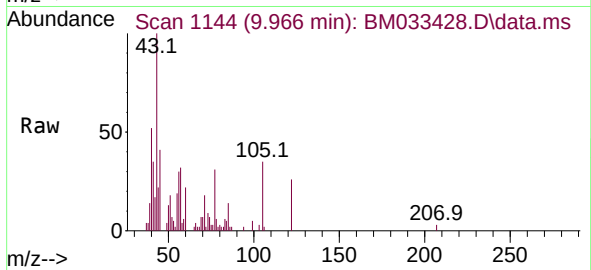




#32
Benzoic acid
Concen: 2.694 ng
RT: 9.966 min Scan# 1137
Delta R.T. -0.053 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

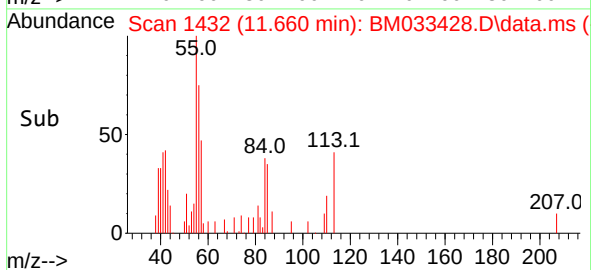
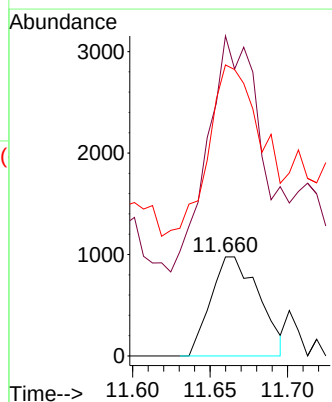
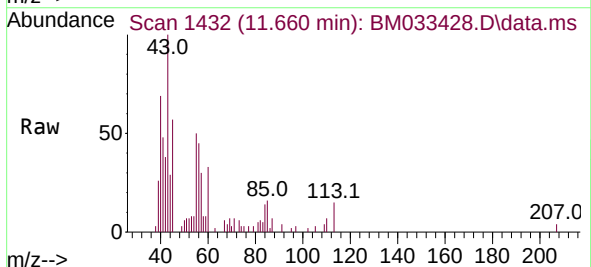
Instrument :
BNA_M
ClientSampleId :

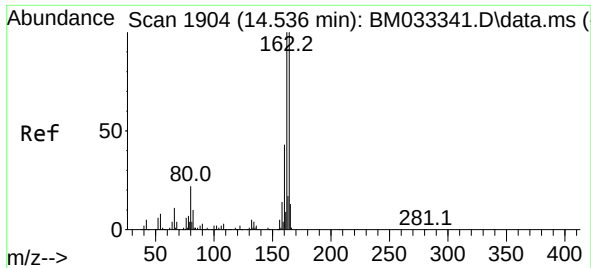
Tgt Ion:122 Resp: 6367
Ion Ratio Lower Upper
122 100
105 136.2 119.6 159.6
77 122.4 101.0 141.0



#35
Caprolactam
Concen: 2.869 ng
RT: 11.660 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

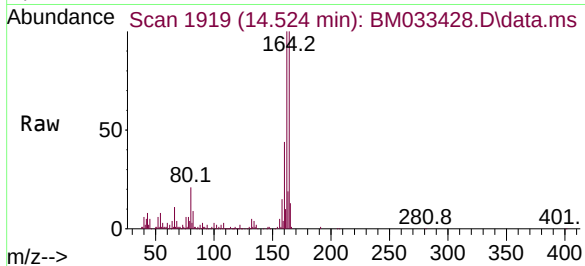
Tgt Ion:113 Resp: 2111
Ion Ratio Lower Upper
113 100
55 323.2 183.6 223.6#
56 293.9 143.7 183.7#



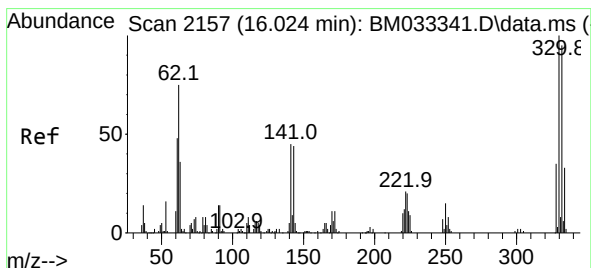
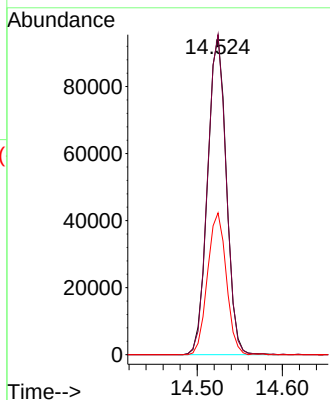
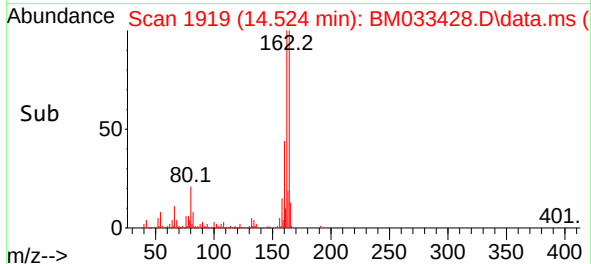


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.524 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

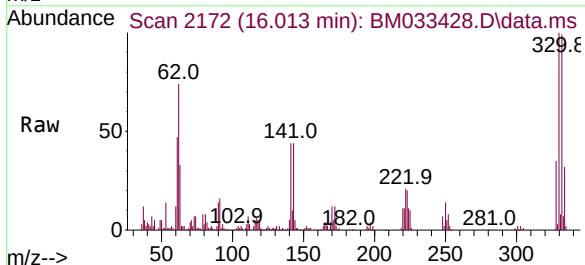
Instrument :
BNA_M
ClientSampleId :



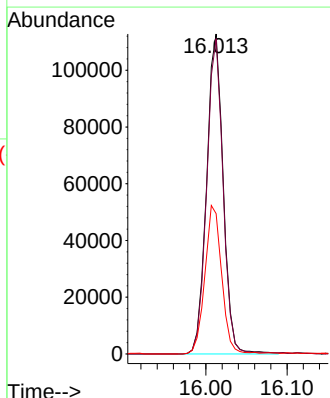
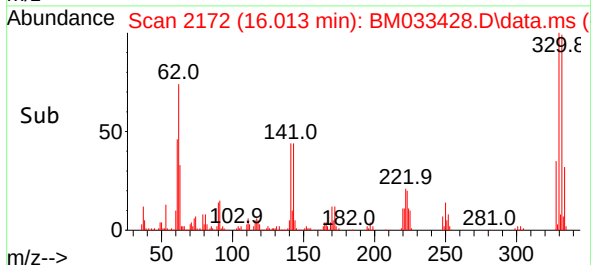
Tgt Ion:164 Resp: 145136
Ion Ratio Lower Upper
164 100
162 100.5 79.7 119.5
160 44.5 34.2 51.4

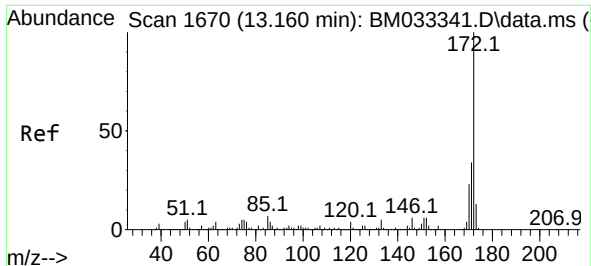


#42
2,4,6-Tribromophenol
Concen: 103.146 ng
RT: 16.013 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44



Tgt Ion:330 Resp: 160140
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 47.0 35.9 53.9

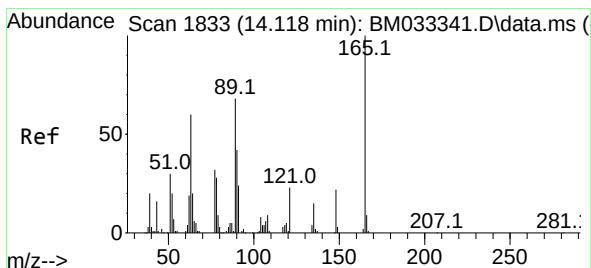
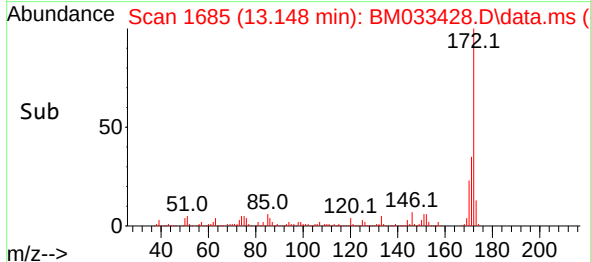
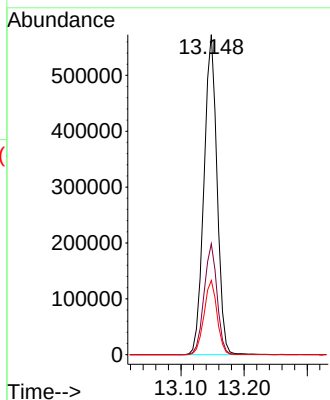
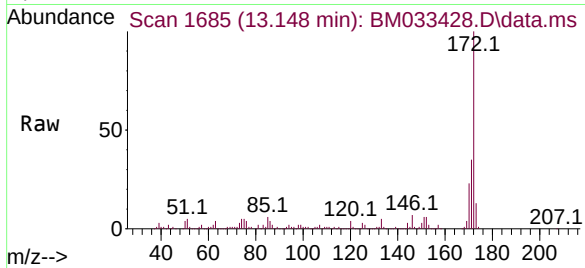




#45
2-Fluorobiphenyl
Concen: 78.716 ng
RT: 13.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

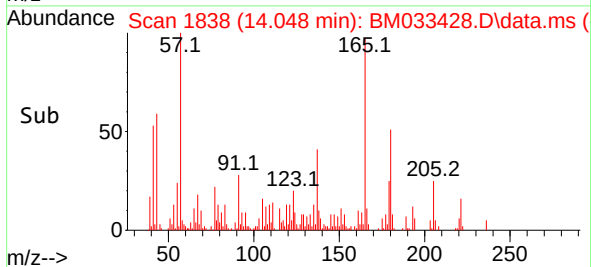
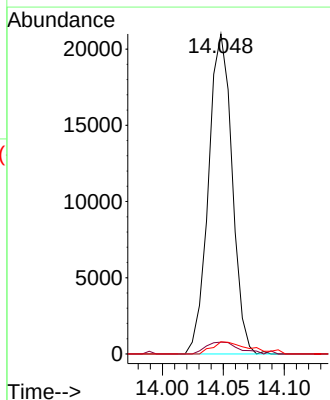
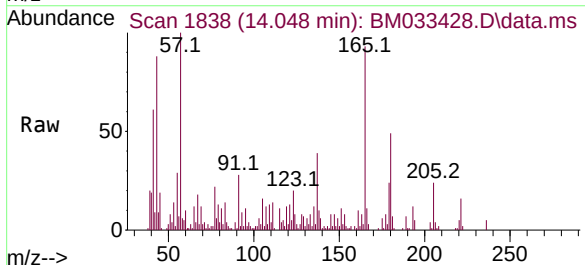
Instrument :
BNA_M
ClientSampleId :

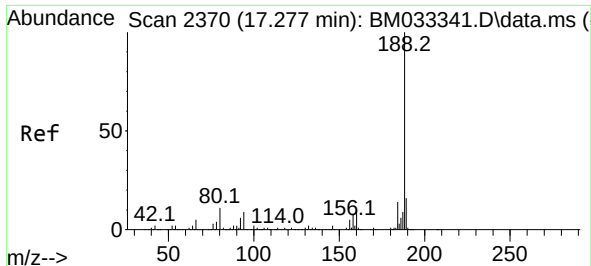
Tgt Ion:172 Resp: 825920
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 23.2 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 13.183 ng
RT: 14.048 min Scan# 1838
Delta R.T. -0.059 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

Tgt Ion:165 Resp: 28361
Ion Ratio Lower Upper
165 100
63 3.7 56.9 85.3#
89 3.8 54.3 81.5#

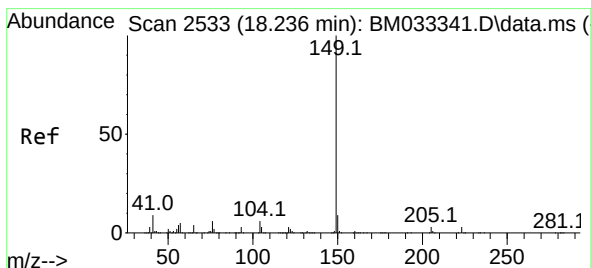
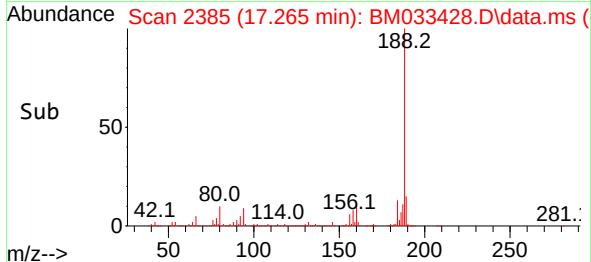
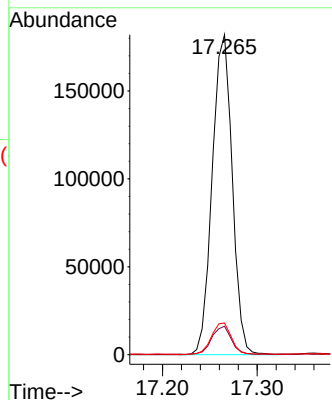
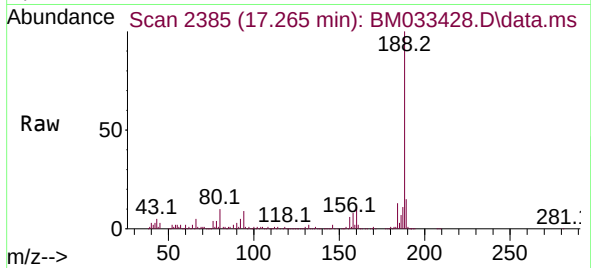




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

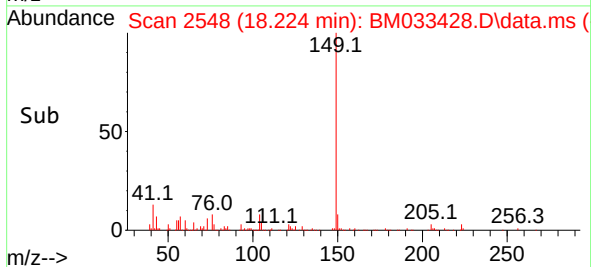
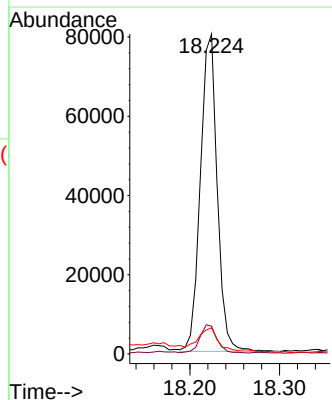
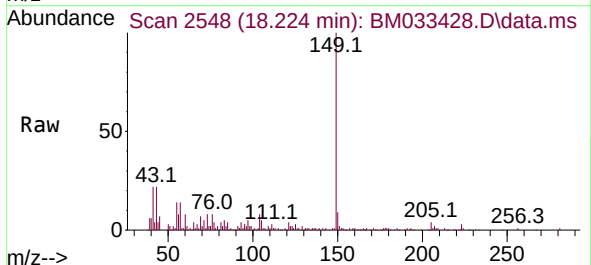
Instrument :
BNA_M
ClientSampleId :

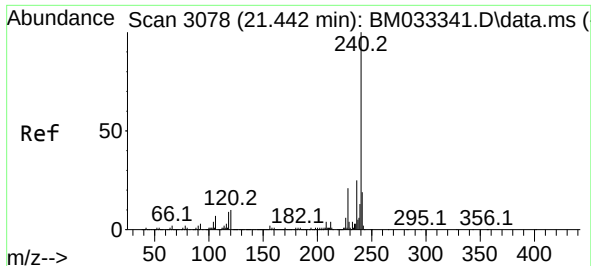
Tgt Ion:188 Resp: 266744
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.9 8.9 13.3



#74
Di-n-butylphthalate
Concen: 6.786 ng
RT: 18.224 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

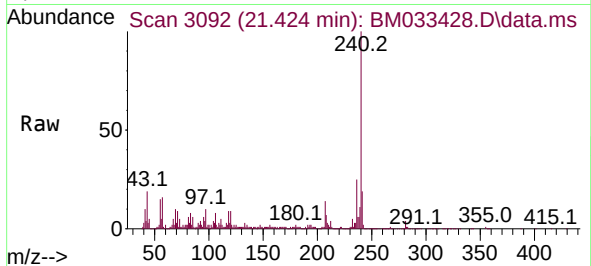
Tgt Ion:149 Resp: 104362
Ion Ratio Lower Upper
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150 8.7 7.3 10.9
104 8.1 4.6 6.8#



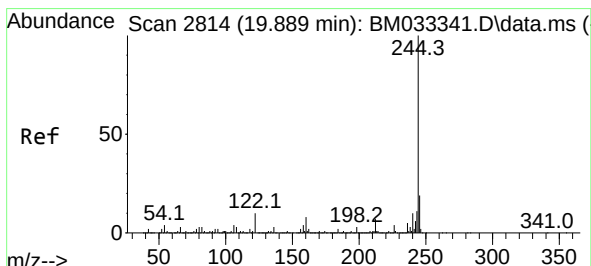
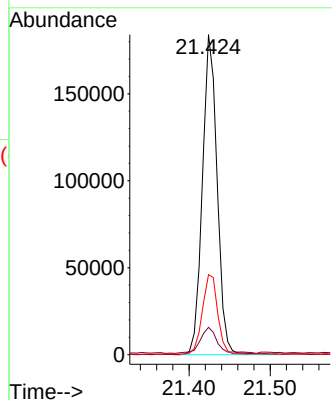
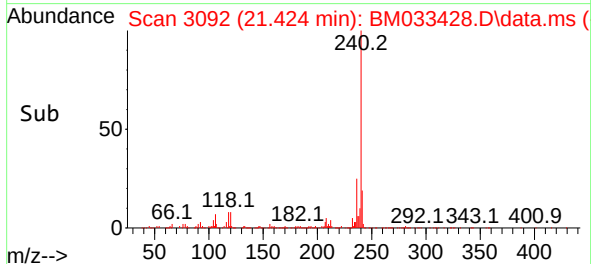


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44

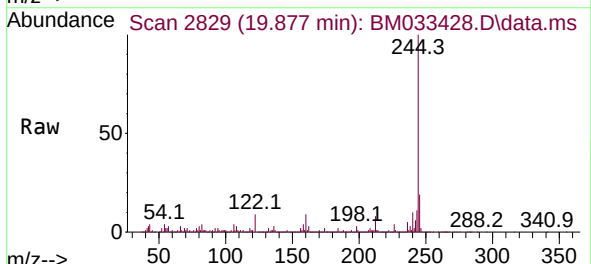
Instrument :
BNA_M
ClientSampleId :



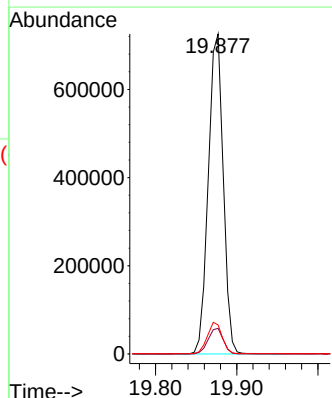
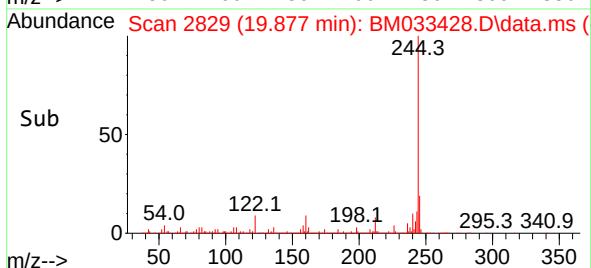
Tgt Ion:240 Resp: 231953
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.0 20.3 30.5

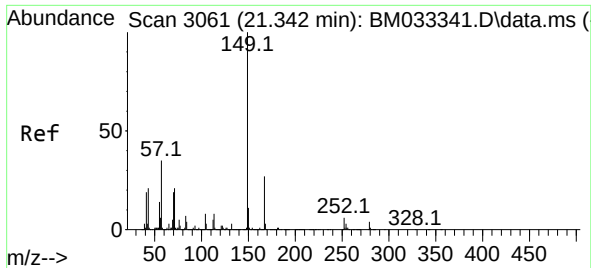


#79
Terphenyl-d14
Concen: 73.964 ng
RT: 19.877 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BM033428.D
Acq: 12 Dec 2021 00:44



Tgt Ion:244 Resp: 926018
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 9.0 8.4 12.6

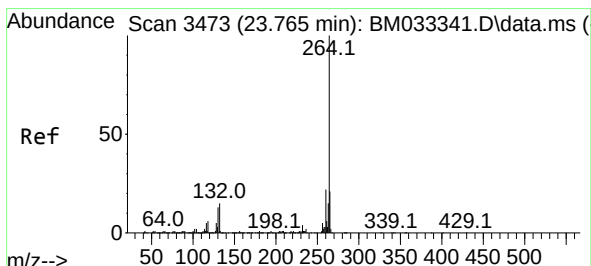
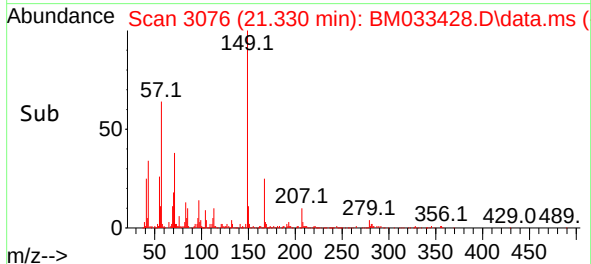
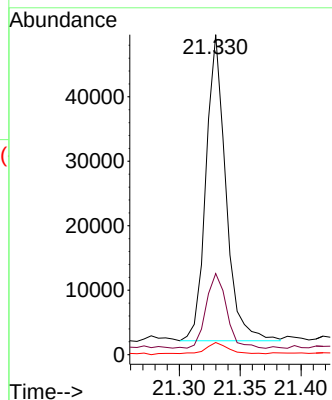
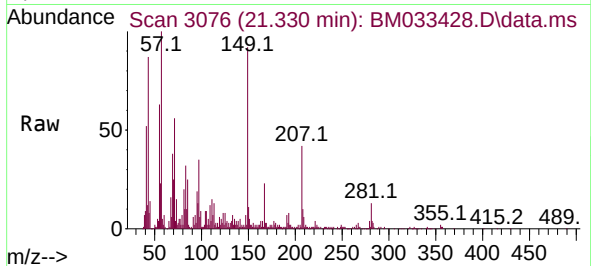




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.014 ng
 RT: 21.330 min Scan# 3061
 Delta R.T. -0.006 min
 Lab File: BM033428.D
 Acq: 12 Dec 2021 00:44

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	149	Resp:	53929
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.4	32.0
279	3.8	3.0	4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.006 min
 Lab File: BM033428.D
 Acq: 12 Dec 2021 00:44

Tgt Ion:	264	Resp:	237480
Ion Ratio	Lower	Upper	
264	100		
260	23.1	17.7	26.5
265	21.2	17.7	26.5

