

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033414.D
 Acq On : 11 Dec 2021 16:17
 Operator : CG/JU
 Sample : M4965-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 00:08:03 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)

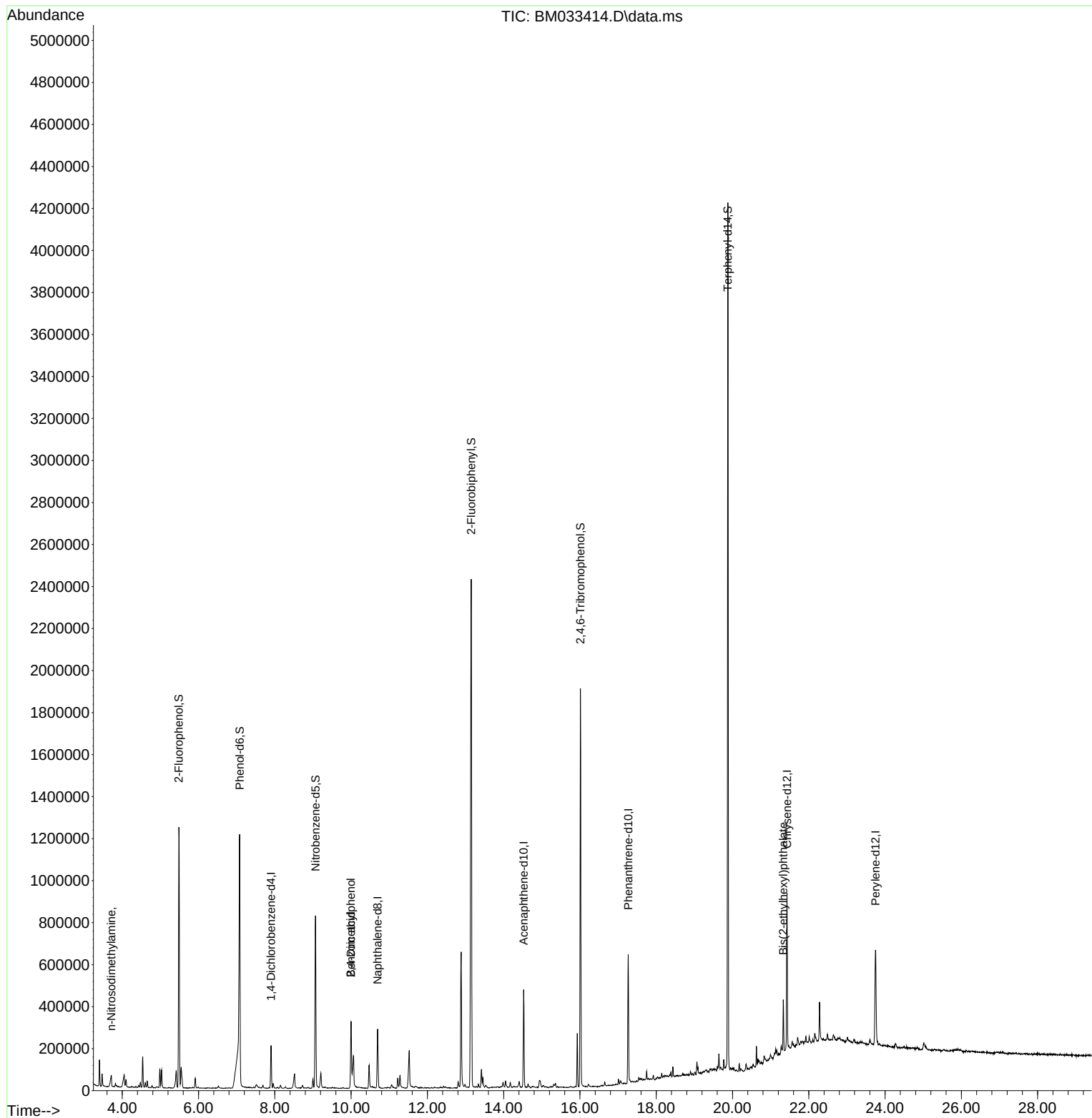
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	49049	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	205215	20.000	ng	-0.01
39) Acenaphthene-d10	14.525	164	149954	20.000	ng	-0.01
64) Phenanthrene-d10	17.266	188	340440	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	347327	20.000	ng	-0.01
86) Perylene-d12	23.748	264	345495	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	445422	148.979	ng	-0.01
7) Phenol-d6	7.078	99	574490	137.806	ng	-0.01
23) Nitrobenzene-d5	9.066	82	438972	90.826	ng	-0.01
42) 2,4,6-Tribromophenol	16.013	330	277630	173.076	ng	-0.01
45) 2-Fluorobiphenyl	13.148	172	1057366	97.537	ng	-0.01
79) Terphenyl-d14	19.877	244	1757650	93.755	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.714	42	6093	3.090	ng	Qvalue # 3
9) Benzaldehyde	7.078	77	3409	Below Cal		# 15
27) 2,4-Dimethylphenol	9.995	122	9146	3.378	ng	# 1
32) Benzoic acid	9.995	122	9146	4.664	ng	96
84) Bis(2-ethylhexyl)phtha...	21.330	149	69220	5.155	ng	100

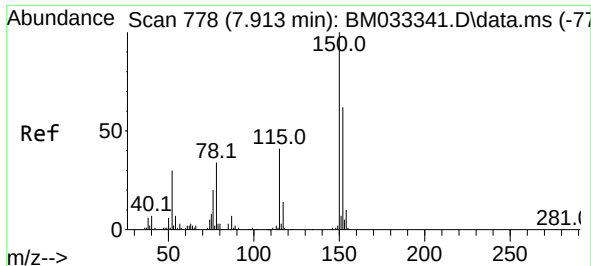
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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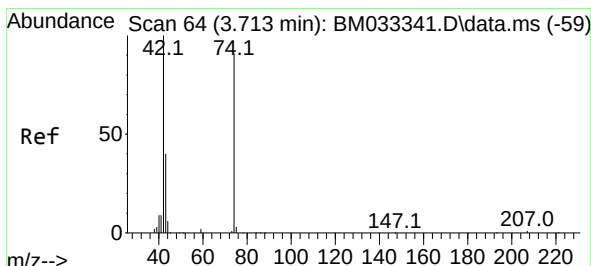
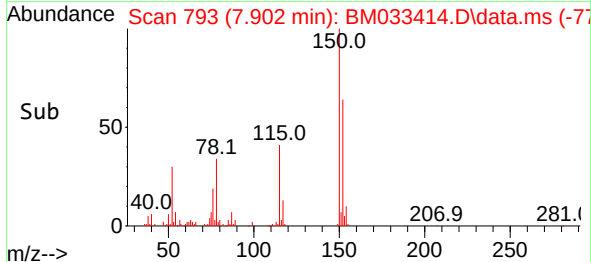
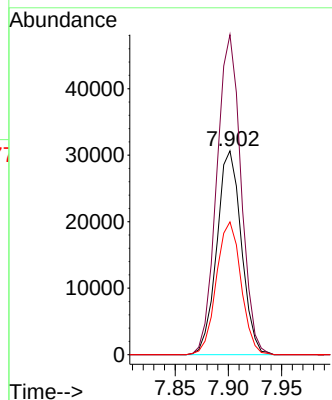
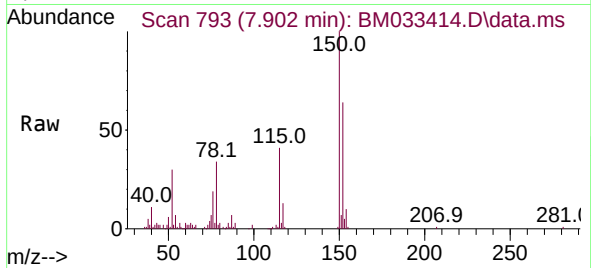




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.902 min Scan# 79
Delta R.T. -0.011 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

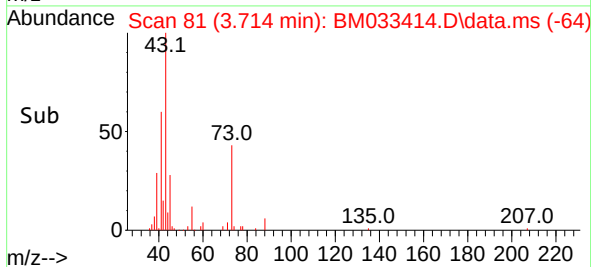
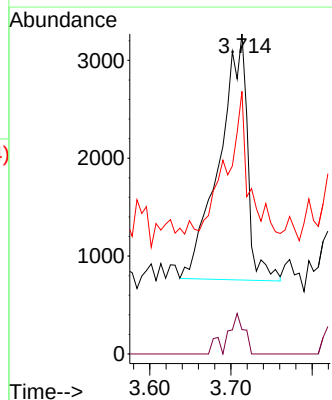
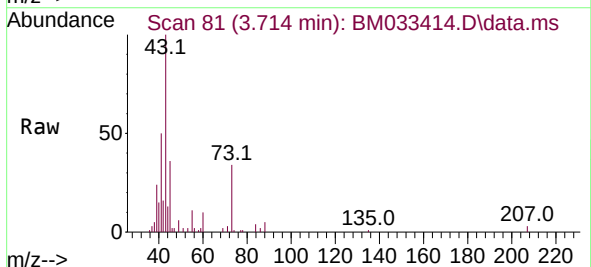
Instrument :
BNA_M
ClientSampleId :

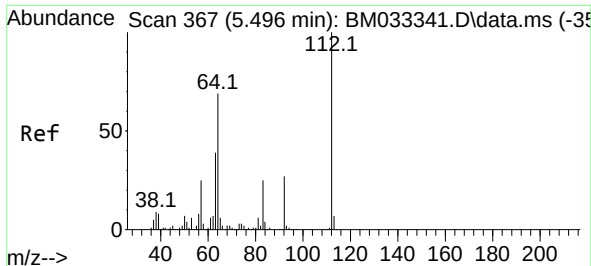
Tgt Ion:152 Resp: 49049
Ion Ratio Lower Upper
152 100
150 157.0 128.9 193.3
115 65.1 53.0 79.6



#4
n-Nitrosodimethylamine
Concen: 3.090 ng
RT: 3.714 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Tgt Ion: 42 Resp: 6093
Ion Ratio Lower Upper
42 100
74 7.6 72.5 108.7#
44 82.0 5.4 8.2#

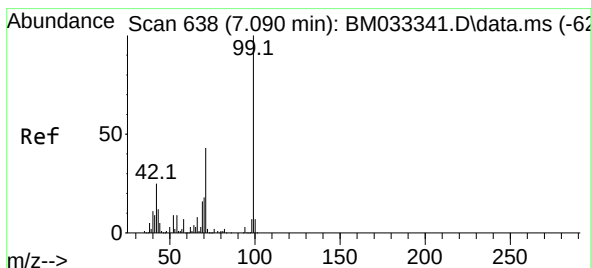
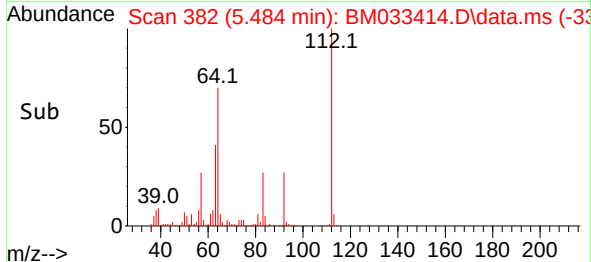
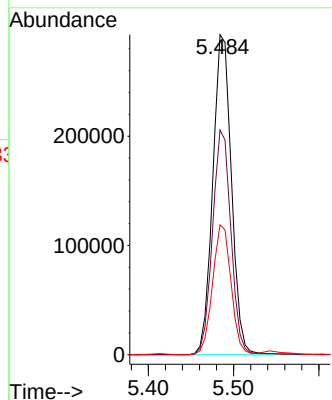
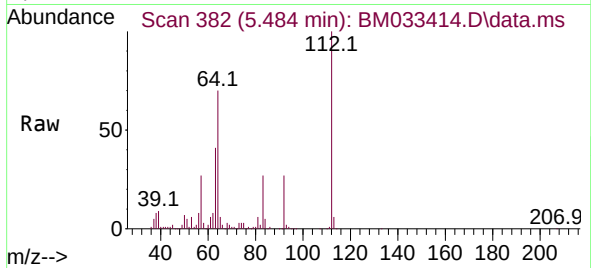




#5
2-Fluorophenol
Concen: 148.979 ng
RT: 5.484 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

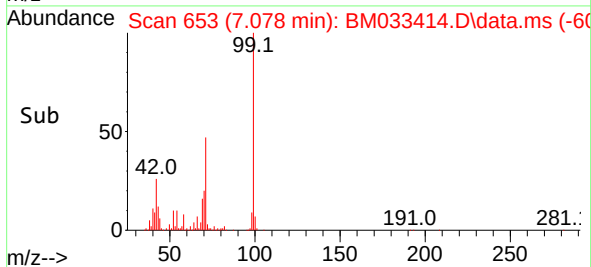
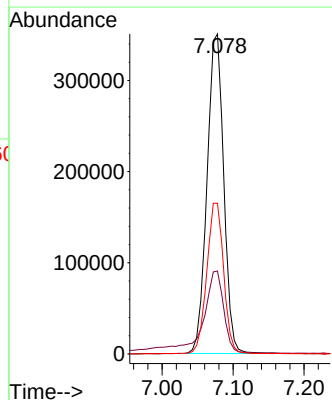
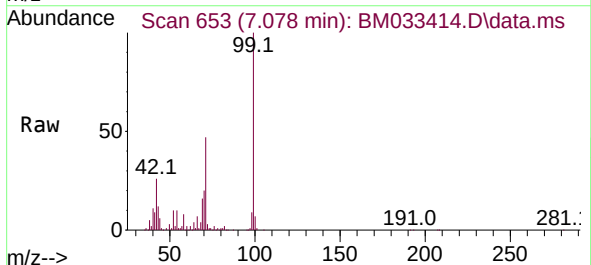
Instrument :
BNA_M
ClientSampleId :

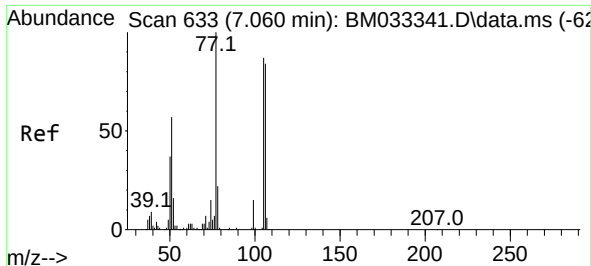
Tgt Ion:112 Resp: 445422
Ion Ratio Lower Upper
112 100
64 70.2 55.5 83.3
63 40.6 31.3 46.9



#7
Phenol-d6
Concen: 137.806 ng
RT: 7.078 min Scan# 653
Delta R.T. -0.012 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Tgt Ion: 99 Resp: 574490
Ion Ratio Lower Upper
99 100
42 25.9 20.3 30.5
71 47.1 34.5 51.7

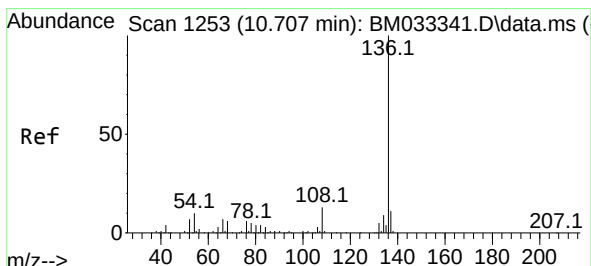
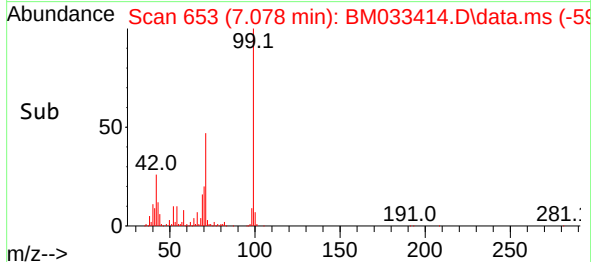
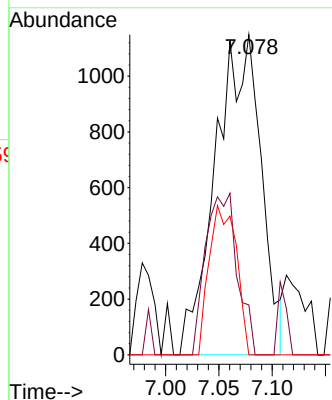
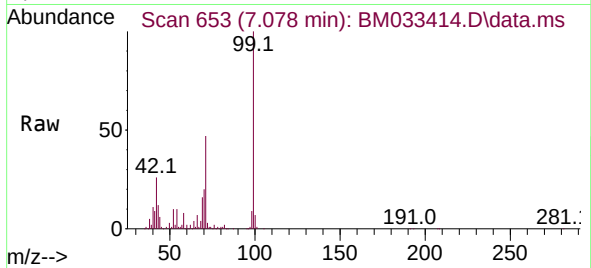




#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

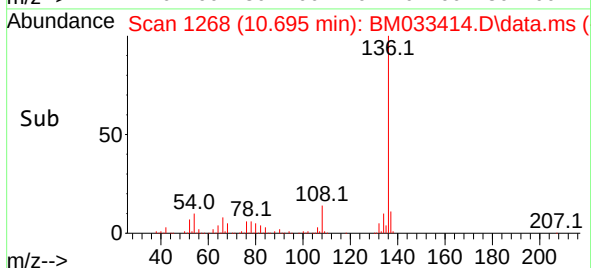
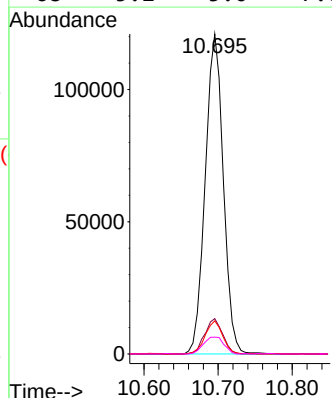
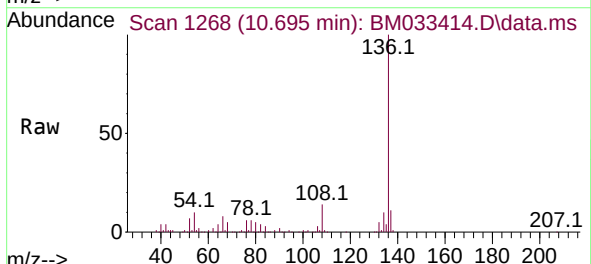
Instrument :
BNA_M
ClientSampleId :

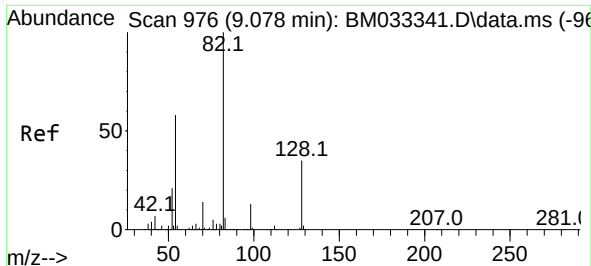
Tgt Ion: 77 Resp: 3409
Ion Ratio Lower Upper
77 100
105 15.6 67.1 107.1#
106 0.0 64.3 104.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Tgt Ion: 136 Resp: 205215
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.4 8.3 12.5
68 5.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.826 ng

RT: 9.066 min Scan# 91

Delta R.T. -0.011 min

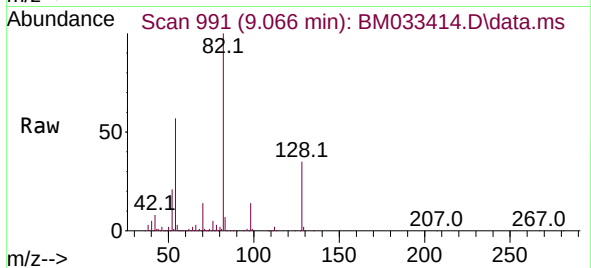
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Acq: 11 Dec 2021 16:17

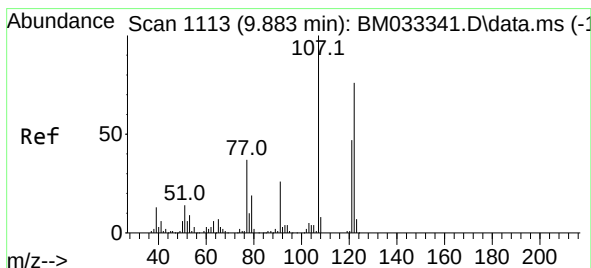
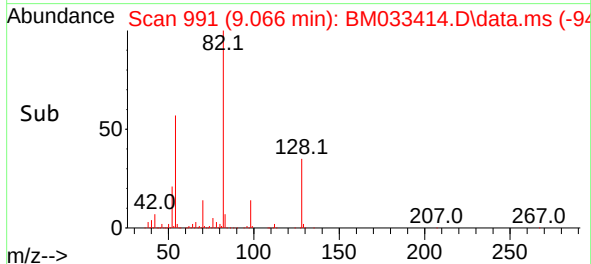
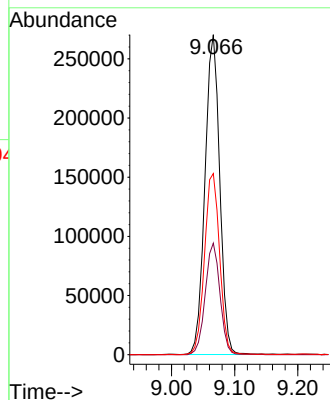
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	82	Resp:	438972
Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.1	42.1
54	56.6	46.1	69.1



#27

2,4-Dimethylphenol

Concen: 3.378 ng

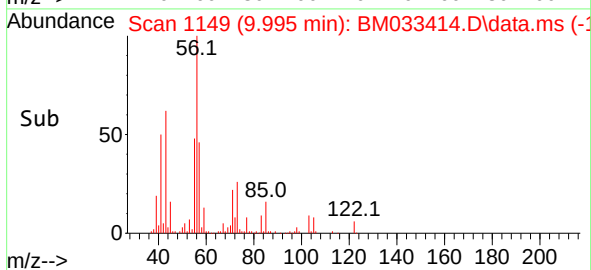
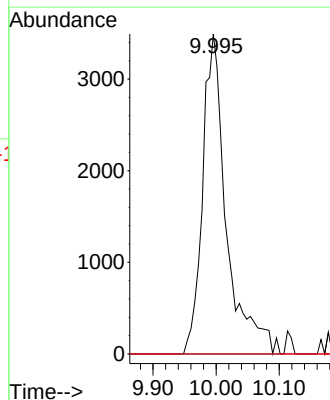
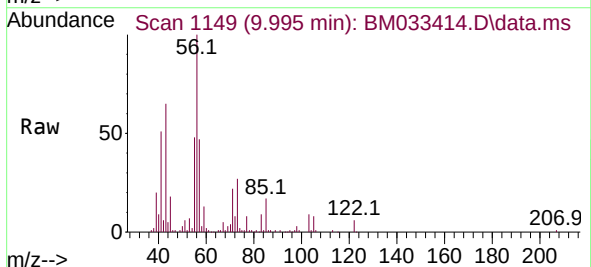
RT: 9.995 min Scan# 1149

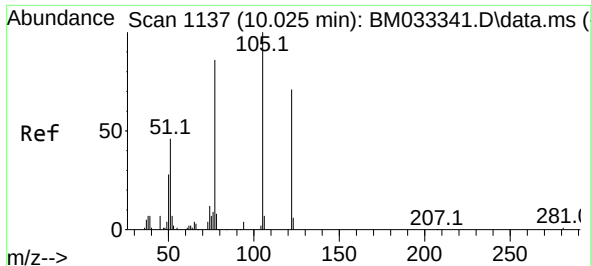
Delta R.T. 0.112 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Tgt Ion:	122	Resp:	9146
Ion	Ratio	Lower	Upper
122	100		
107	0.0	105.3	157.9#
121	0.0	49.7	74.5#

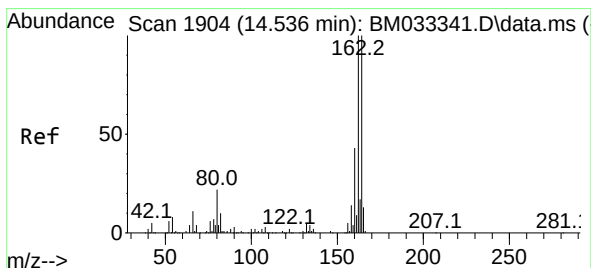
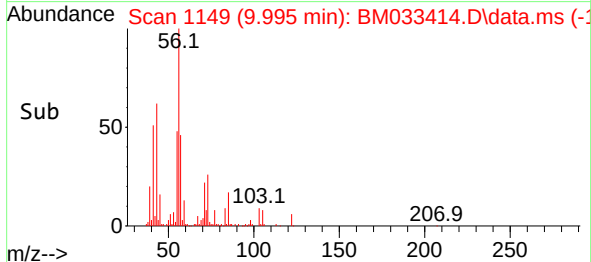
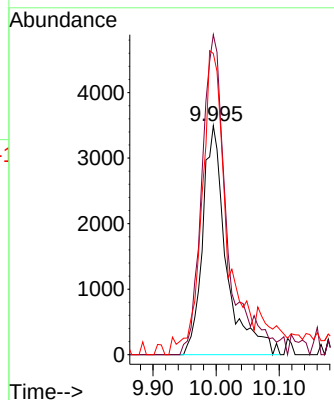
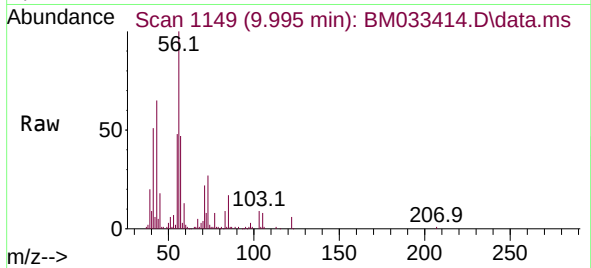




#32
Benzoic acid
Concen: 4.664 ng
RT: 9.995 min Scan# 1137
Delta R.T. -0.029 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

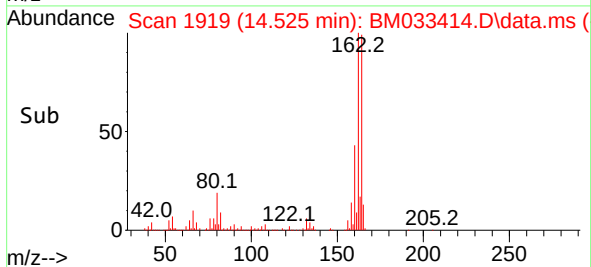
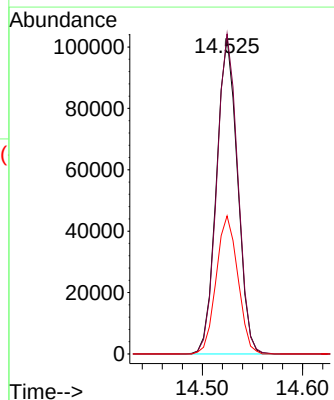
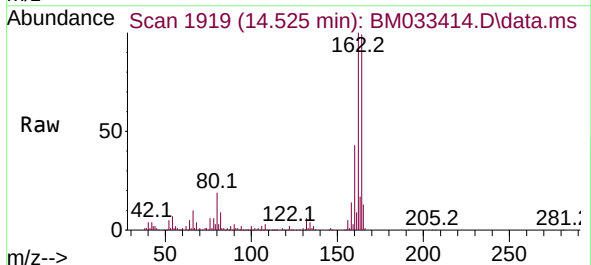
Instrument :
BNA_M
ClientSampleId :

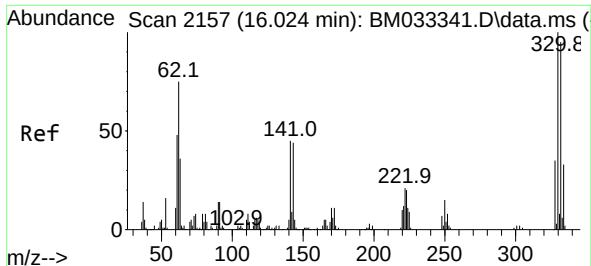
Tgt Ion:122 Resp: 9146
Ion Ratio Lower Upper
122 100
105 139.8 119.6 159.6
77 131.5 101.0 141.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.525 min Scan# 1919
Delta R.T. -0.011 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Tgt Ion:164 Resp: 149954
Ion Ratio Lower Upper
164 100
162 101.1 79.7 119.5
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 173.076 ng

RT: 16.013 min Scan# 21

Delta R.T. -0.011 min

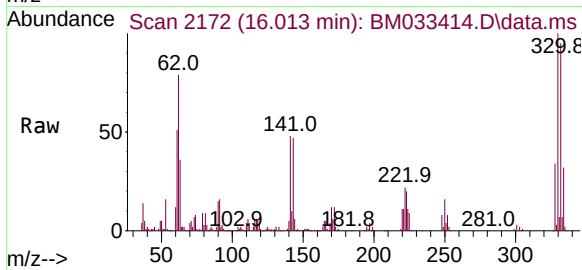
Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

Instrument :

BNA_M

ClientSampleId :



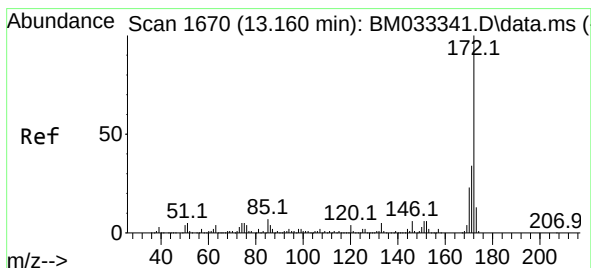
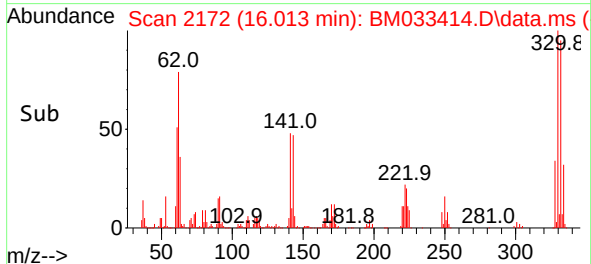
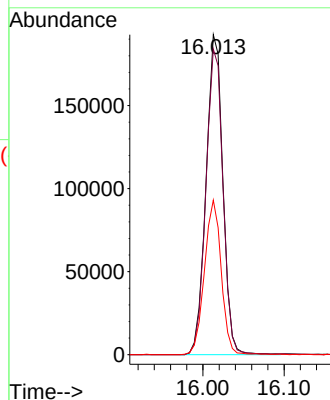
Tgt Ion:330 Resp: 277630

Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

141 48.2 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 97.537 ng

RT: 13.148 min Scan# 1685

Delta R.T. -0.011 min

Lab File: BM033414.D

Acq: 11 Dec 2021 16:17

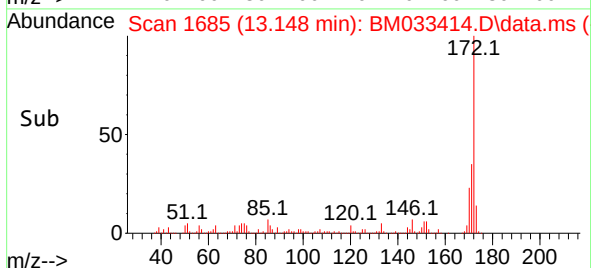
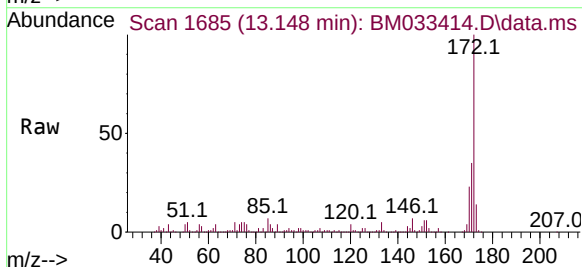
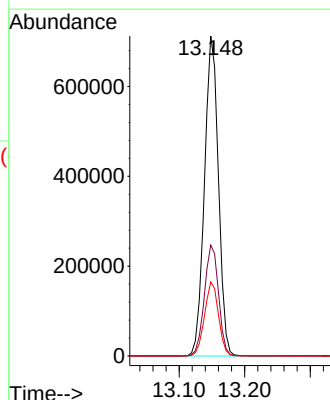
Tgt Ion:172 Resp: 1057366

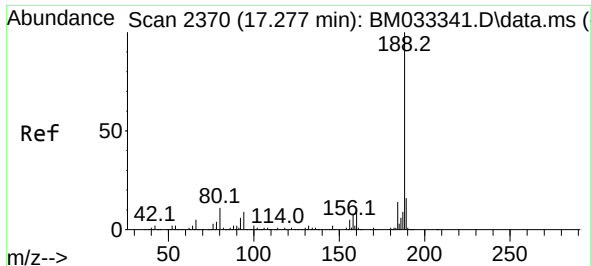
Ion Ratio Lower Upper

172 100

171 34.6 27.2 40.8

170 23.2 18.7 28.1

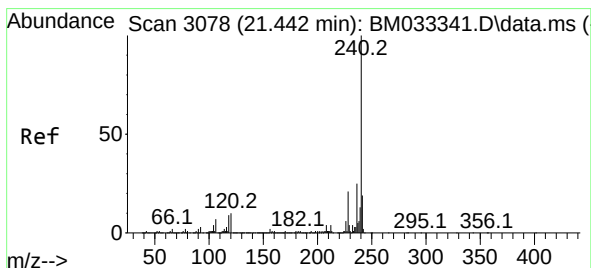
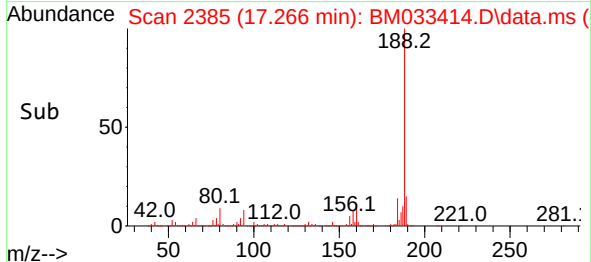
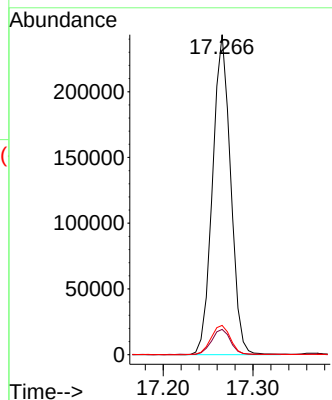
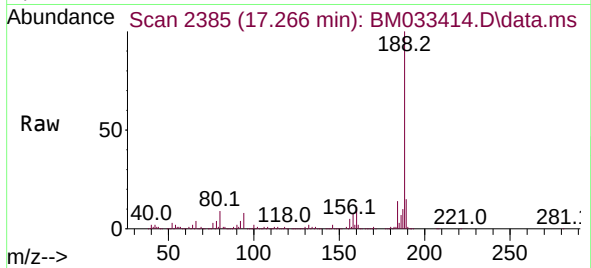




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.266 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

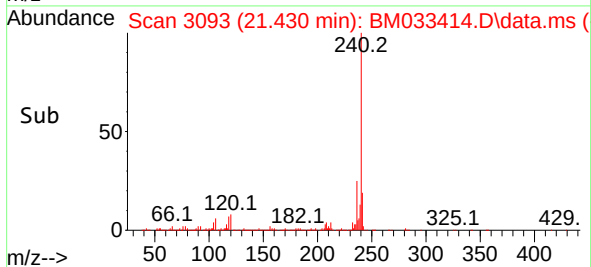
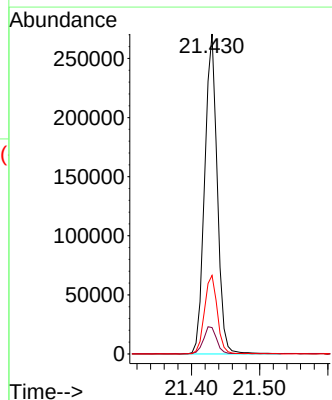
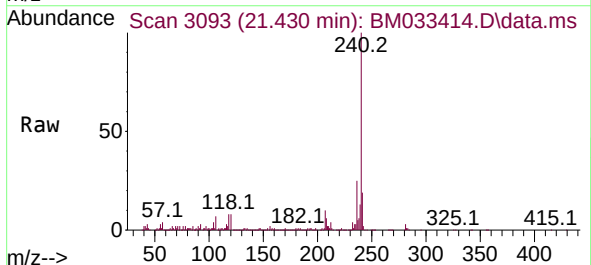
Instrument :
BNA_M
ClientSampleId :

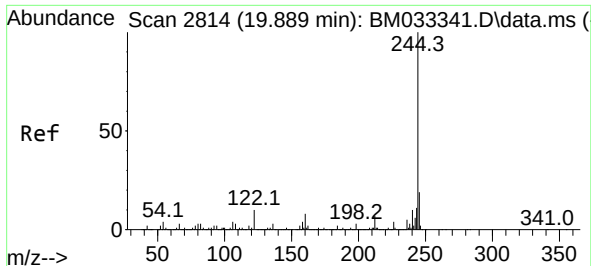
Tgt Ion:188 Resp: 340440
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

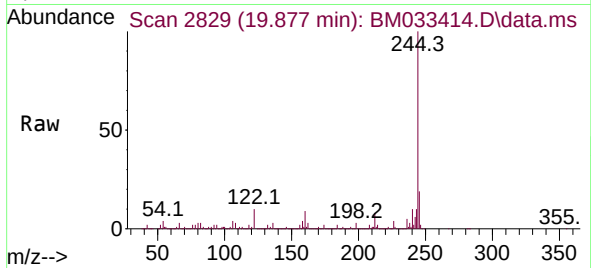
Tgt Ion:240 Resp: 347327
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 24.6 20.3 30.5



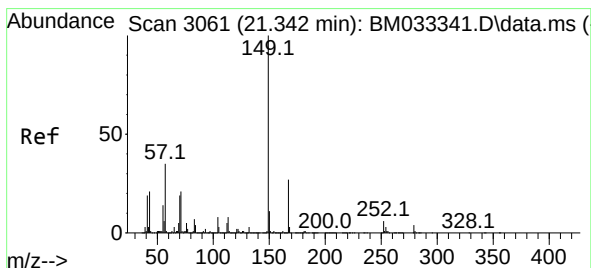
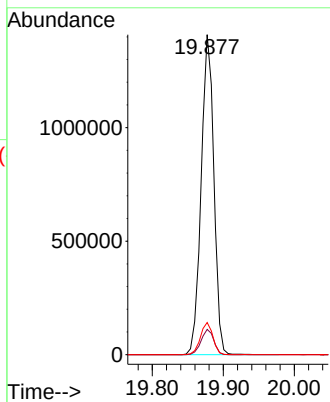
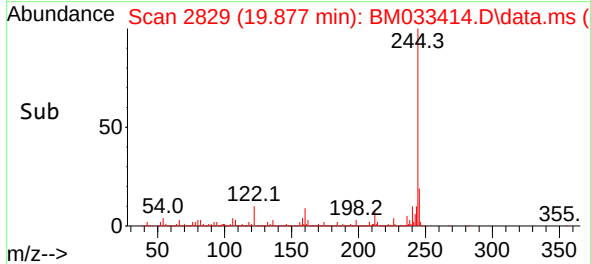


#79
 Terphenyl-d14
 Concen: 93.755 ng
 RT: 19.877 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033414.D
 Acq: 11 Dec 2021 16:17

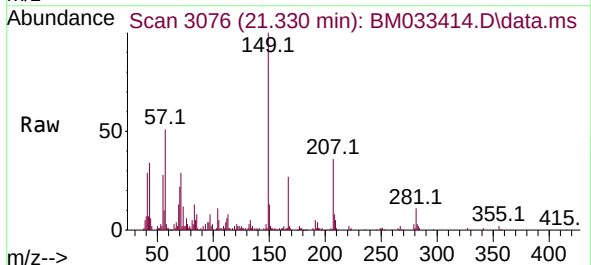
Instrument :
 BNA_M
 ClientSampleId :



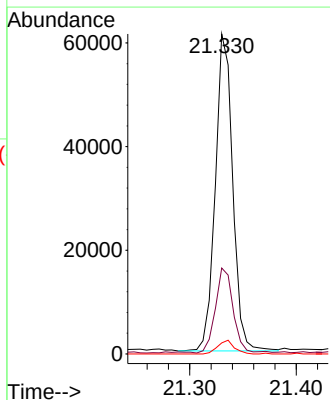
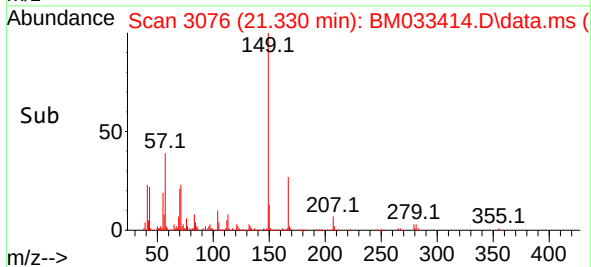
Tgt Ion:244 Resp: 1757650
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.0 8.4 12.6

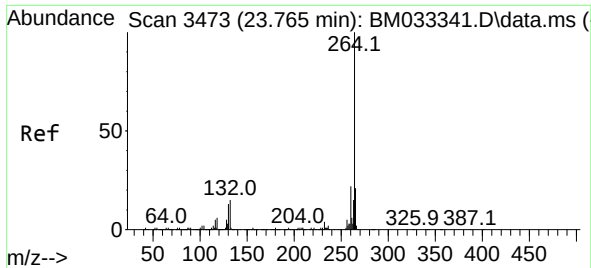


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.155 ng
 RT: 21.330 min Scan# 3076
 Delta R.T. -0.012 min
 Lab File: BM033414.D
 Acq: 11 Dec 2021 16:17



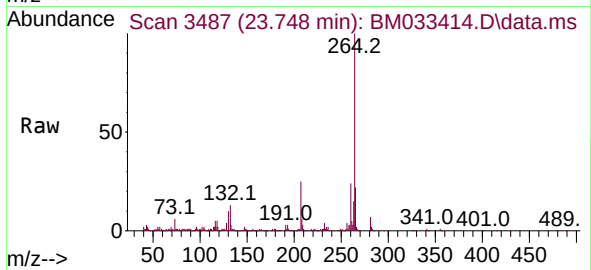
Tgt Ion:149 Resp: 69220
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 3.4 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.748 min Scan# 34
Delta R.T. -0.017 min
Lab File: BM033414.D
Acq: 11 Dec 2021 16:17

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:264 Resp: 345495
Ion Ratio Lower Upper
264 100
260 23.6 17.7 26.5
265 21.8 17.7 26.5

