

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033547.D
 Acq On : 20 Dec 2021 19:20
 Operator : CG/JU
 Sample : M5115-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 04:00:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

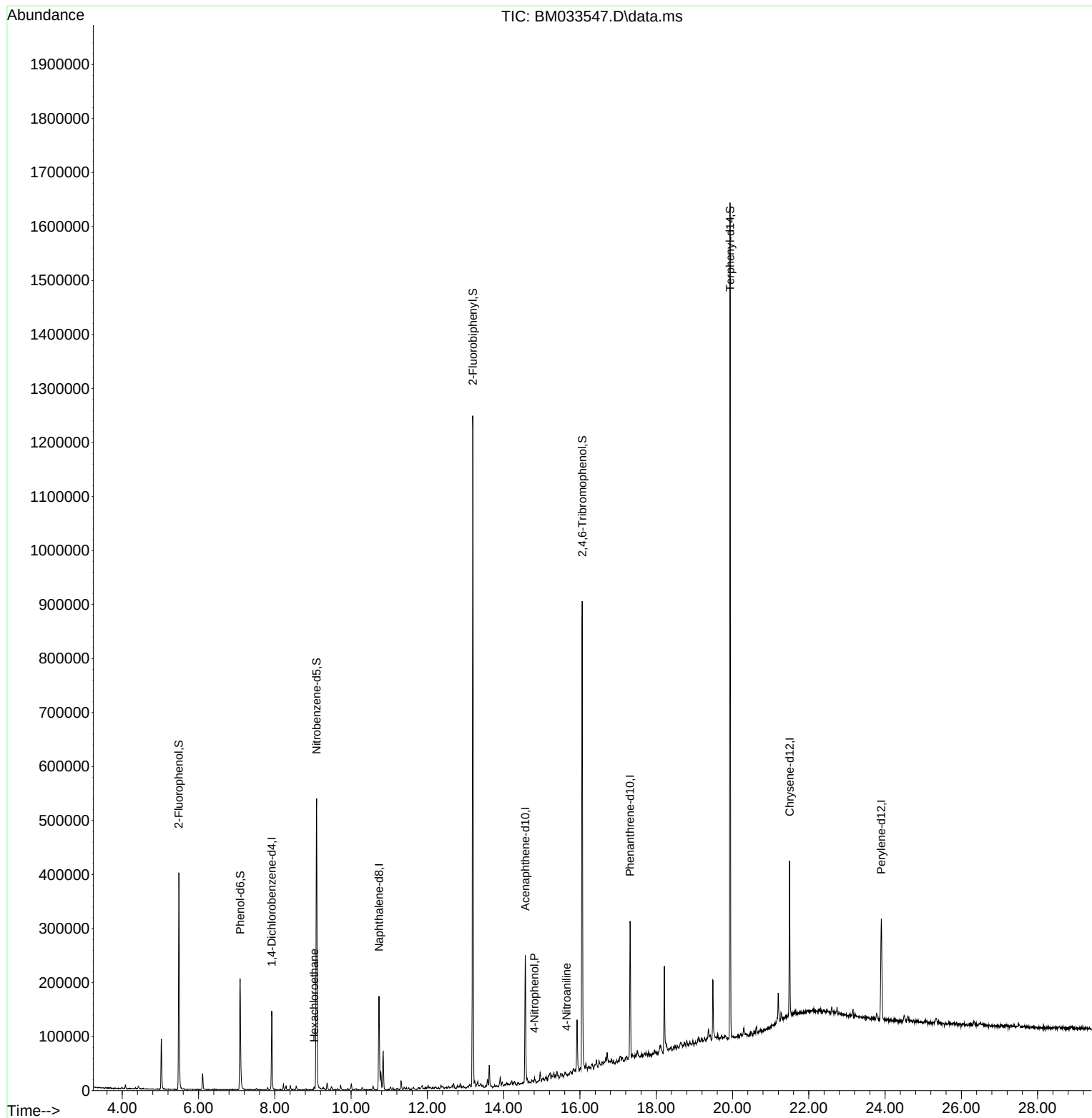
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	32471	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	121545	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	76365	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	144194	20.000	ng	0.00
76) Chrysene-d12	21.495	240	122035	20.000	ng	0.00
86) Perylene-d12	23.900	264	136553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	129843	69.000	ng	0.00
7) Phenol-d6	7.090	99	96000	38.014	ng	0.00
23) Nitrobenzene-d5	9.095	82	286739	101.295	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	119248	138.818	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	566362	102.593	ng	0.00
79) Terphenyl-d14	19.936	244	629876	81.258	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	112	Below Cal	#	1
9) Benzaldehyde	7.095	77	247	Below Cal	#	7
18) Hexachloroethane	9.031	117	2255	2.128	ng	# 3
56) 4-Nitrophenol	14.807	139	68	4.079	ng	# 1
62) 4-Nitroaniline	15.648	138	128	2.682	ng	# 66

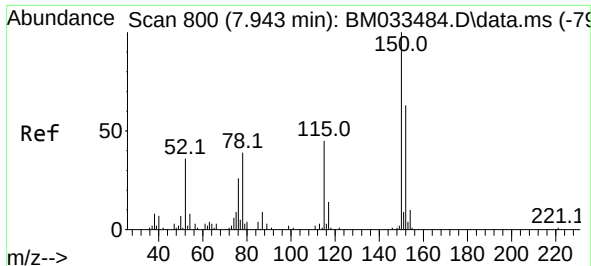
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

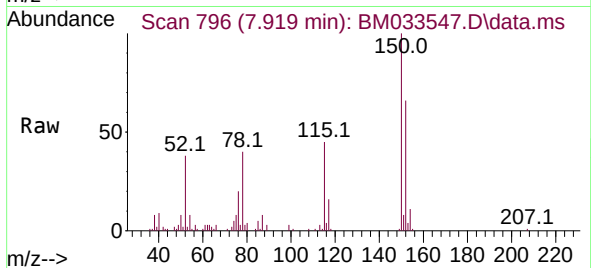
Quant Time: Dec 21 04:00:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 03:57:10 2021
Response via : Initial Calibration



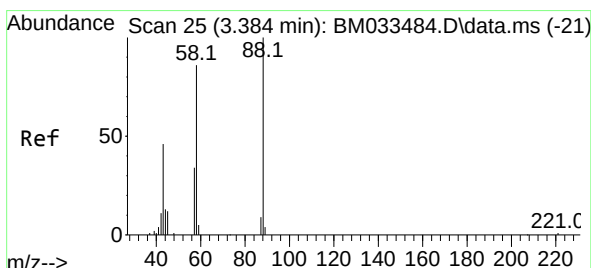
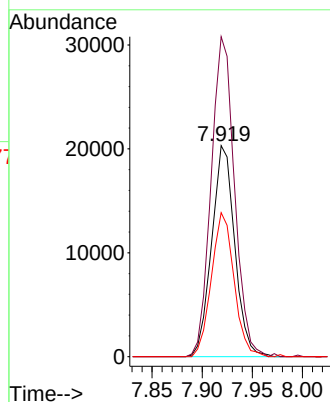
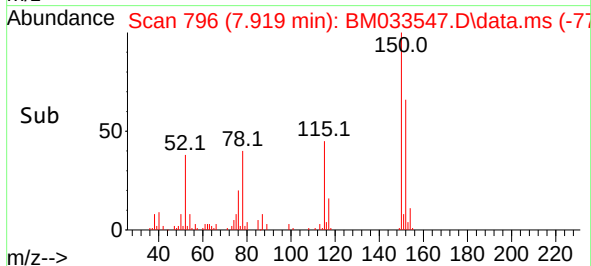


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

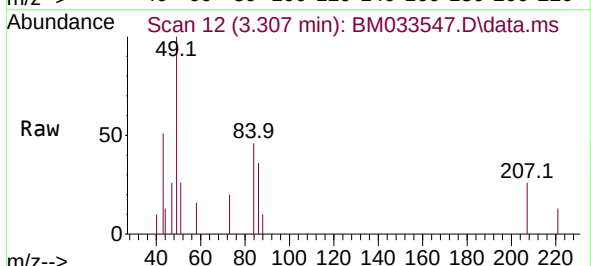
Instrument :
BNA_M
ClientSampleId :



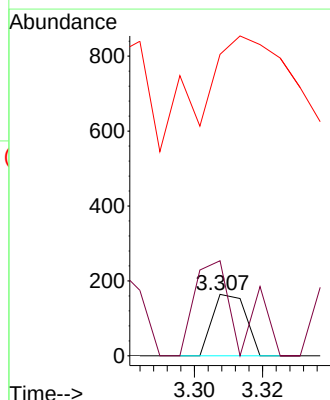
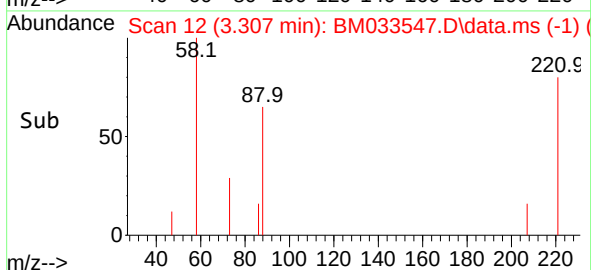
Tgt Ion:152 Resp: 32471
Ion Ratio Lower Upper
152 100
150 151.6 128.9 193.3
115 68.2 53.0 79.6

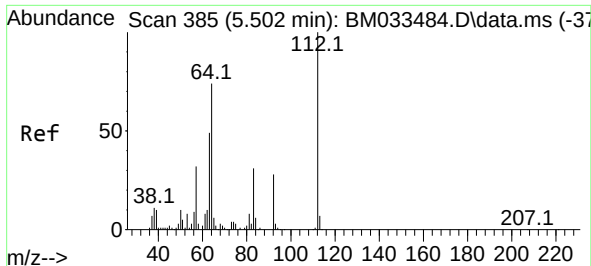


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.307 min Scan# 12
Delta R.T. -0.059 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20



Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
58 210.7 67.0 100.4#
43 299.1 31.6 47.4#

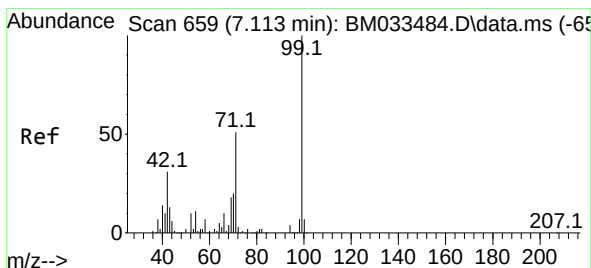
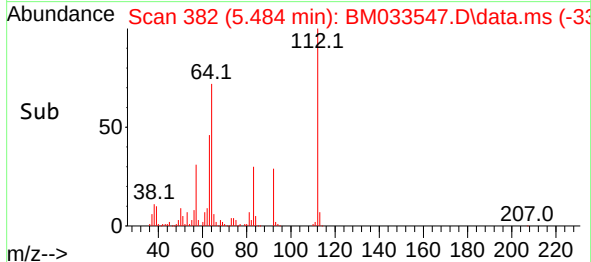
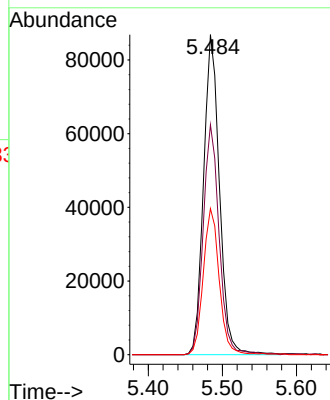
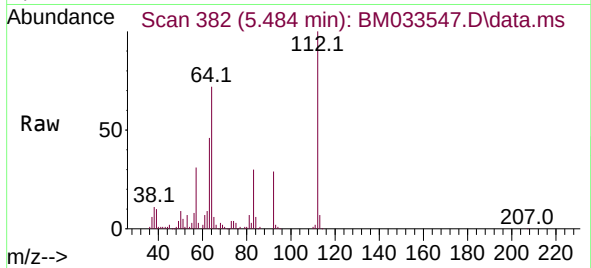




#5
2-Fluorophenol
Concen: 69.000 ng
RT: 5.484 min Scan# 385
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

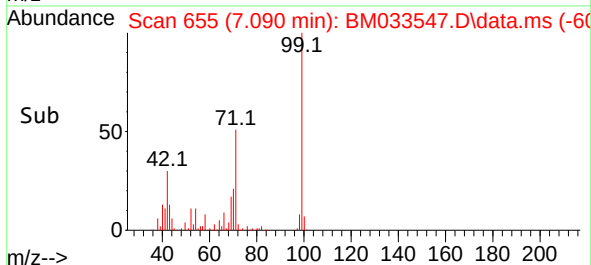
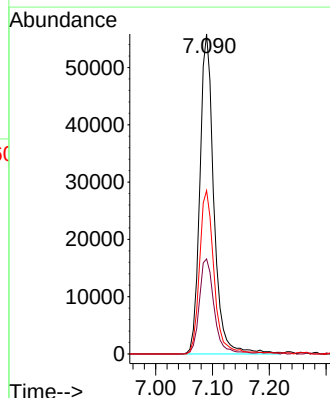
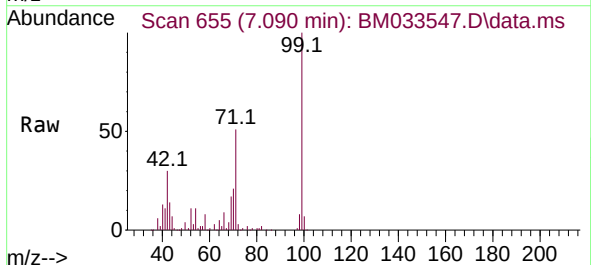
Instrument :
BNA_M
ClientSampleId :

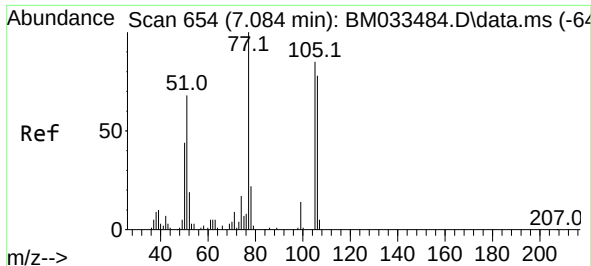
Tgt Ion:112 Resp: 129843
Ion Ratio Lower Upper
112 100
64 71.9 55.5 83.3
63 45.7 31.3 46.9



#7
Phenol-d6
Concen: 38.014 ng
RT: 7.090 min Scan# 655
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Tgt Ion: 99 Resp: 96000
Ion Ratio Lower Upper
99 100
42 29.7 20.3 30.5
71 51.0 34.5 51.7

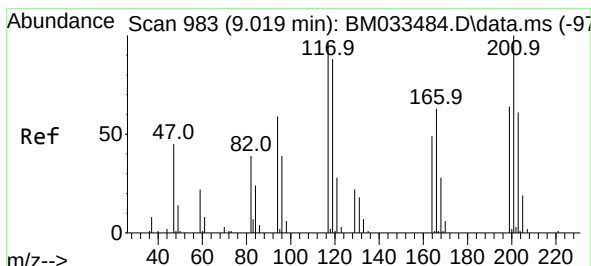
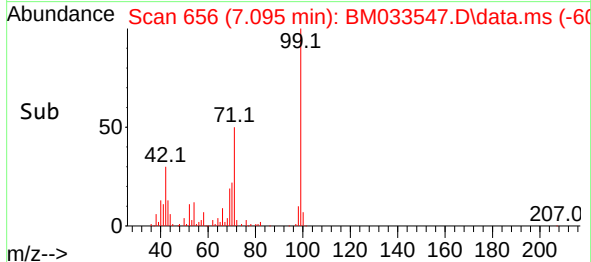
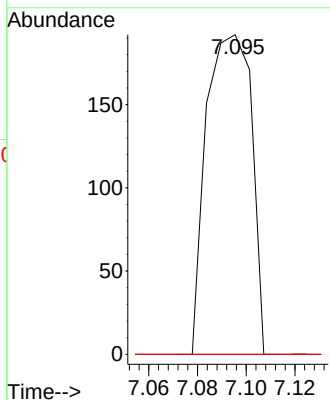
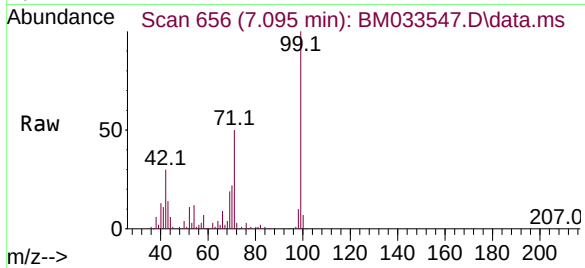




#9
Benzaldehyde
Concen: Below Cal
RT: 7.095 min Scan# 61
Delta R.T. 0.029 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

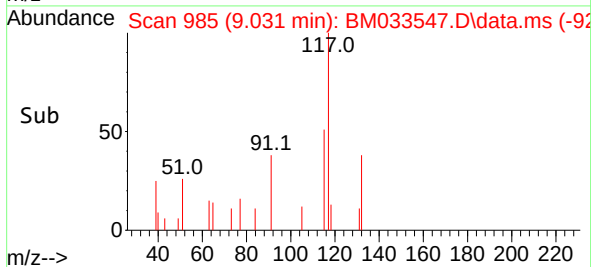
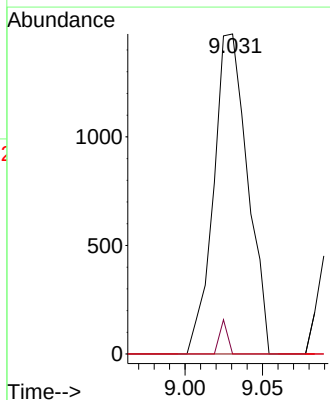
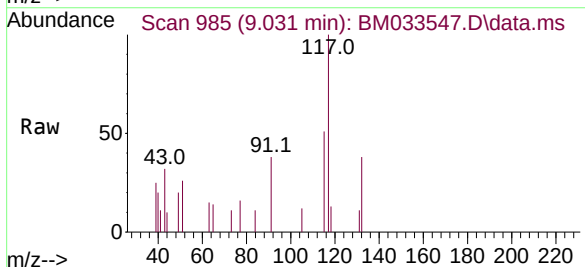
Instrument :
BNA_M
ClientSampleId :

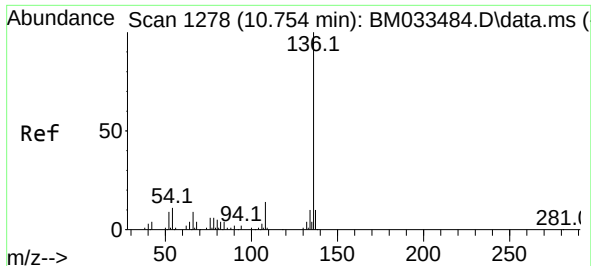
Tgt Ion: 77 Resp: 247
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



#18
Hexachloroethane
Concen: 2.128 ng
RT: 9.031 min Scan# 985
Delta R.T. 0.035 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

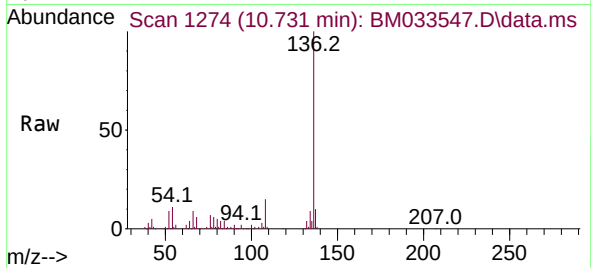
Tgt Ion: 117 Resp: 2255
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 75.2 112.8#



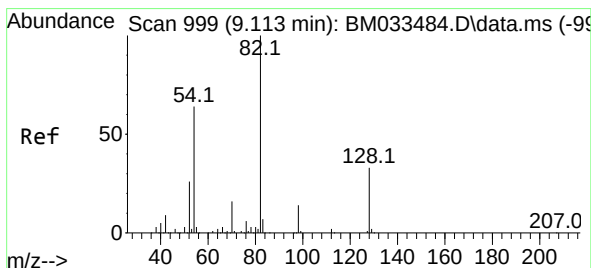
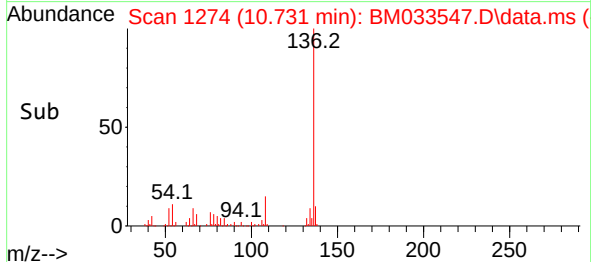
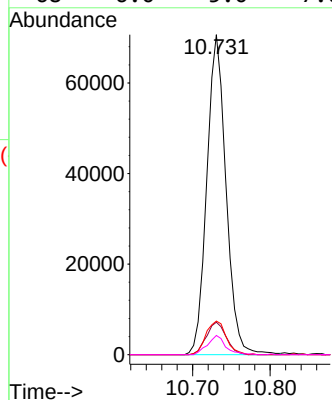


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Instrument :
BNA_M
ClientSampleId :

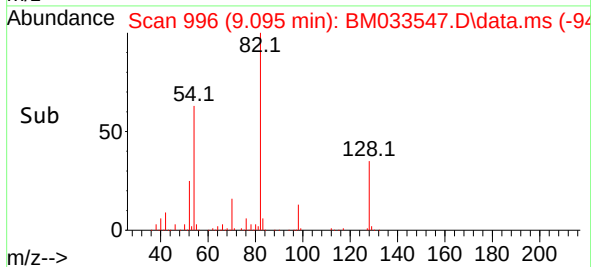
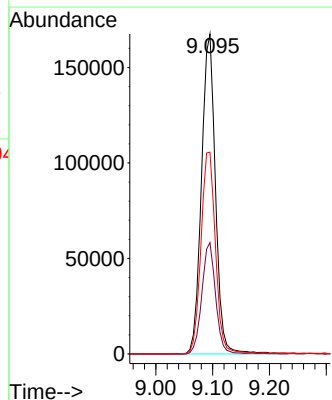
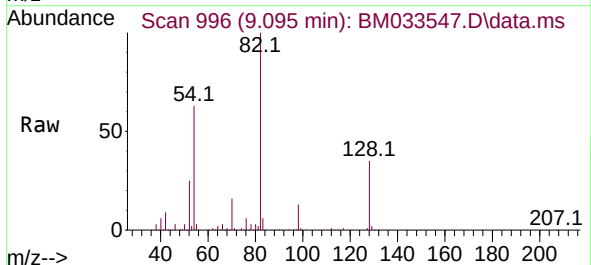


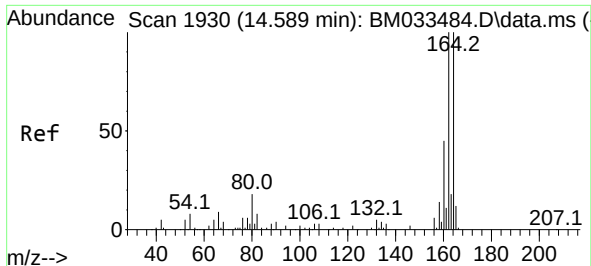
Tgt Ion:136 Resp: 121545
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 10.5 8.3 12.5
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 101.295 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

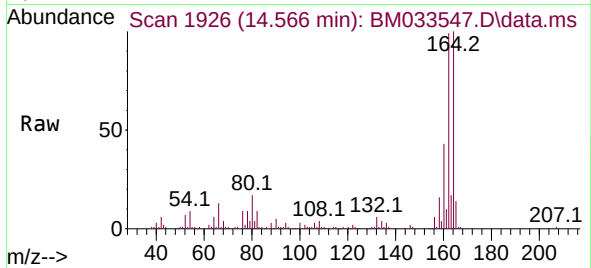
Tgt Ion: 82 Resp: 286739
Ion Ratio Lower Upper
82 100
128 34.8 28.1 42.1
54 63.1 46.1 69.1



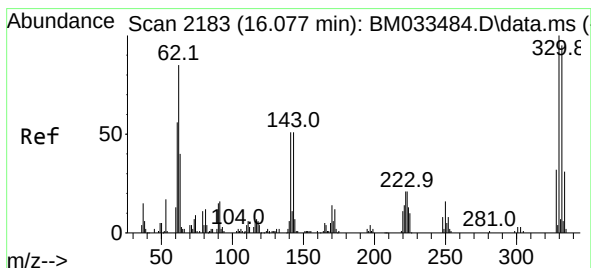
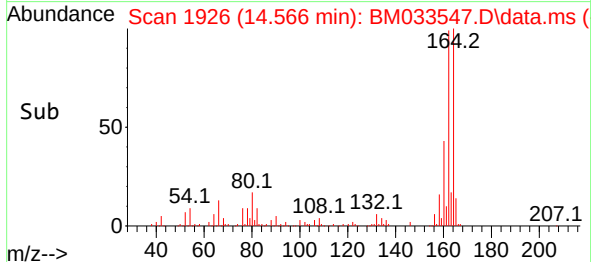
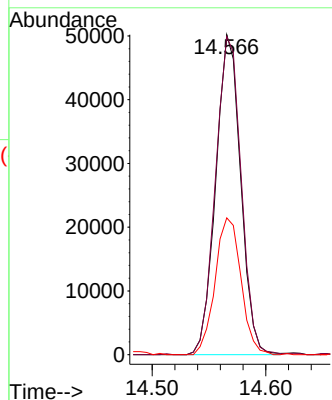


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Instrument :
BNA_M
ClientSampleId :

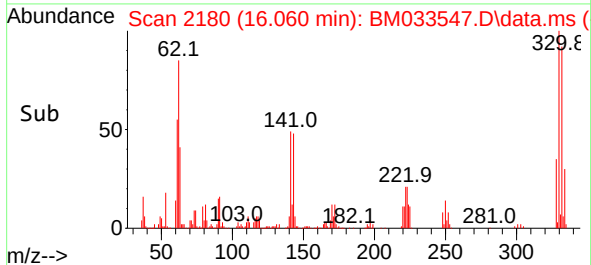
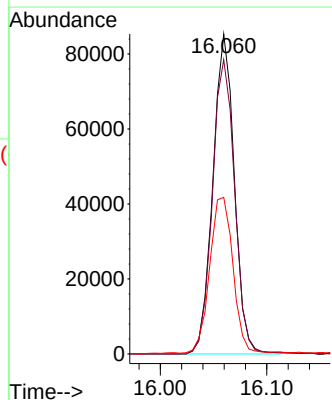
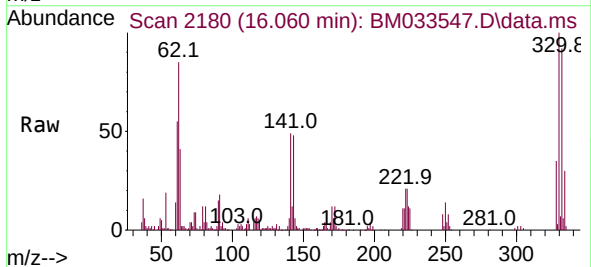


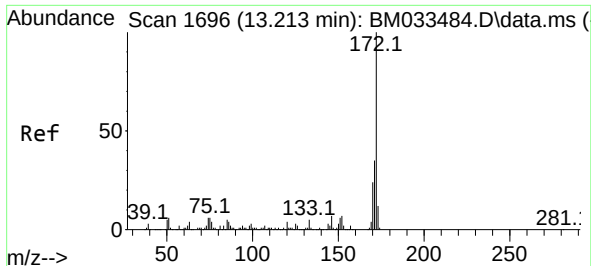
Tgt Ion:164 Resp: 76365
Ion Ratio Lower Upper
164 100
162 99.4 79.7 119.5
160 42.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 138.818 ng
RT: 16.060 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Tgt Ion:330 Resp: 119248
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 54.0 35.9 53.9#

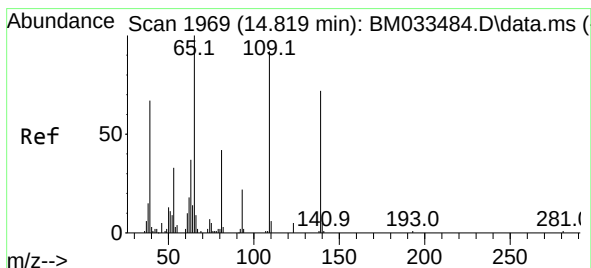
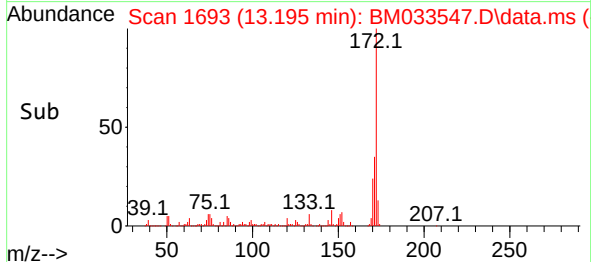
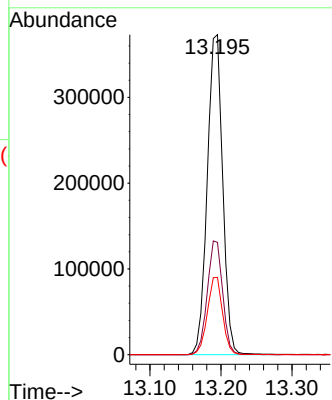
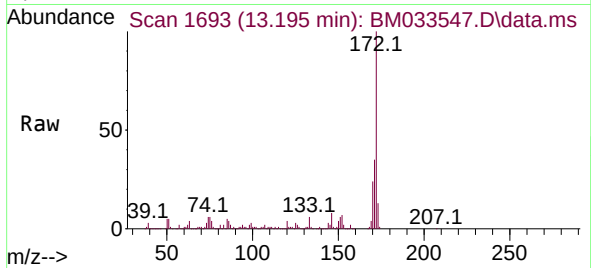




#45
2-Fluorobiphenyl
Concen: 102.593 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

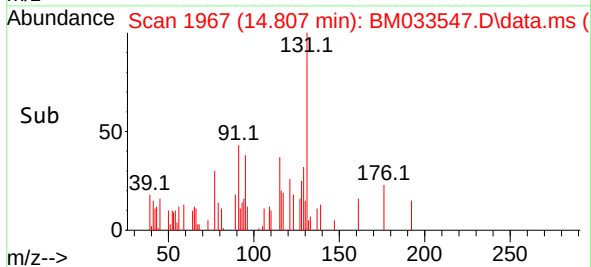
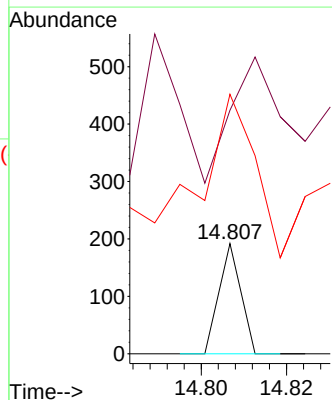
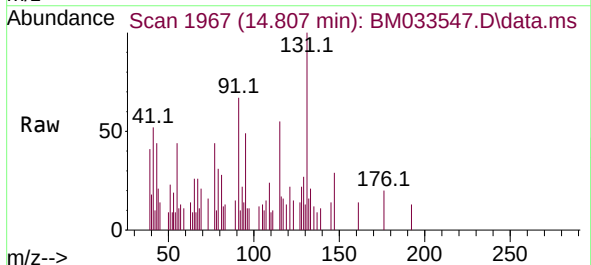
Instrument :
BNA_M
ClientSampleId :

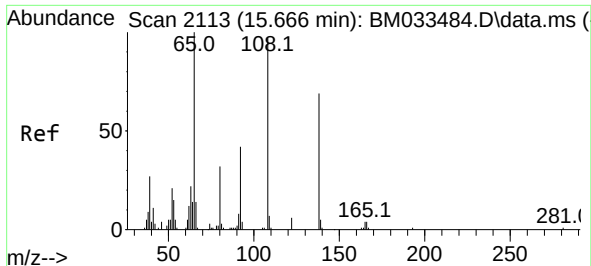
Tgt Ion:172 Resp: 566362
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 24.2 18.7 28.1



#56
4-Nitrophenol
Concen: 4.079 ng
RT: 14.807 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

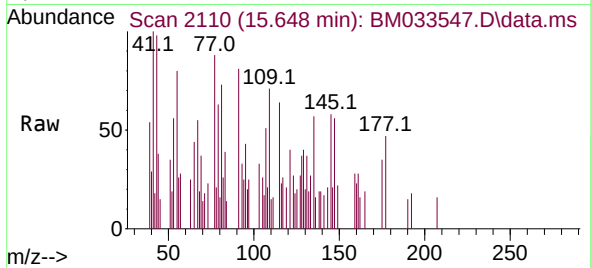
Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 220.8 75.3 115.3#
65 235.4 107.4 147.4#



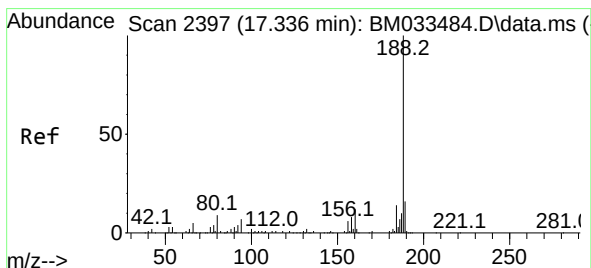
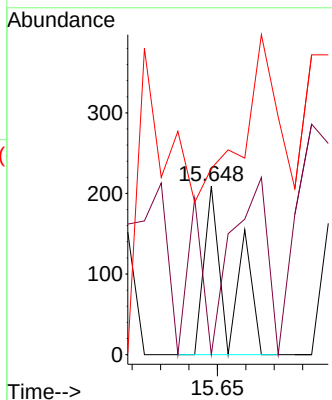
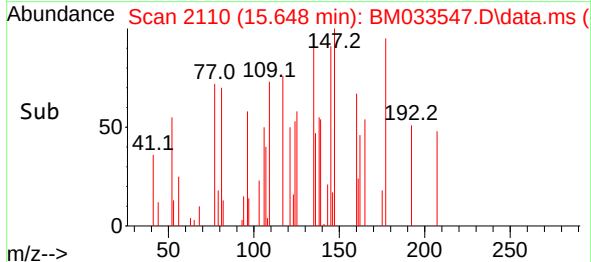


#62
4-Nitroaniline
Concen: 2.682 ng
RT: 15.648 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Instrument :
BNA_M
ClientSampleId :

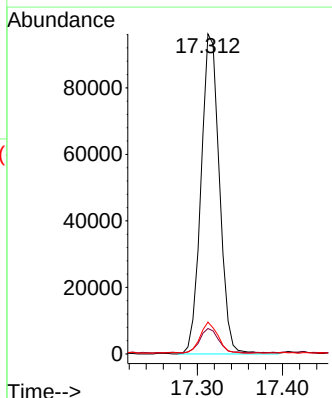
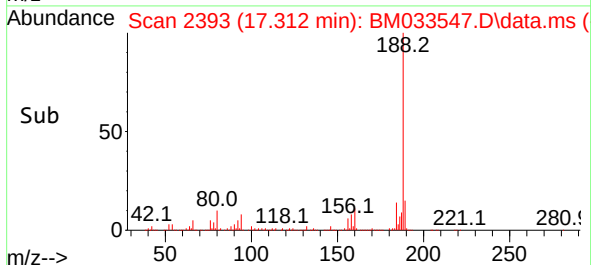
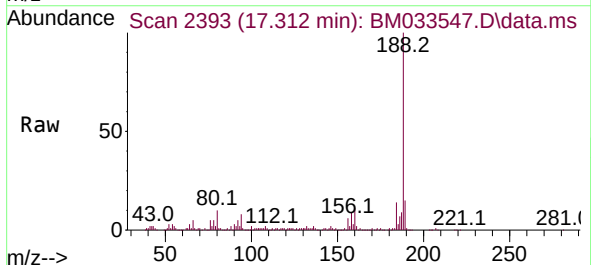


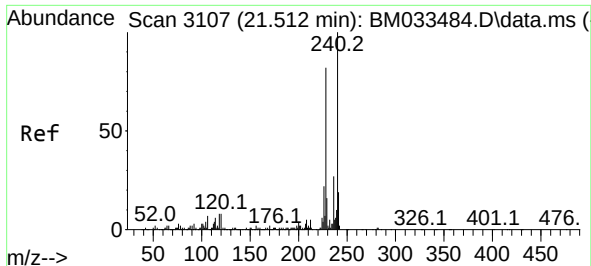
Tgt Ion:138 Resp: 128
Ion Ratio Lower Upper
138 100
92 0.0 38.7 78.7#
108 110.5 81.9 121.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Tgt Ion:188 Resp: 144194
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 9.9 8.9 13.3

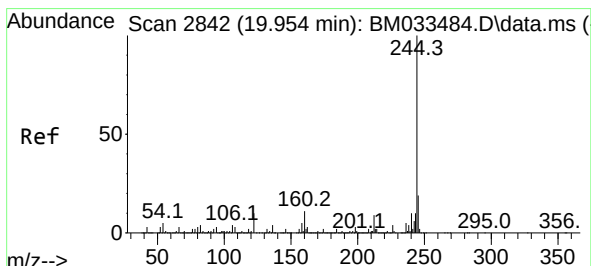
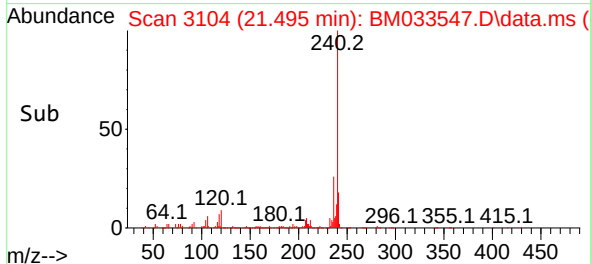
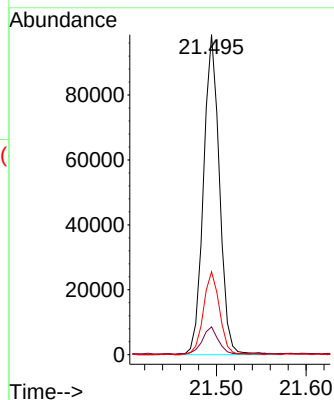
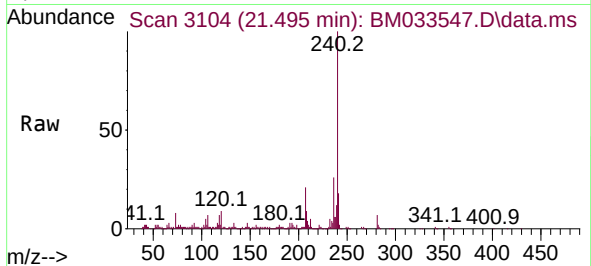




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

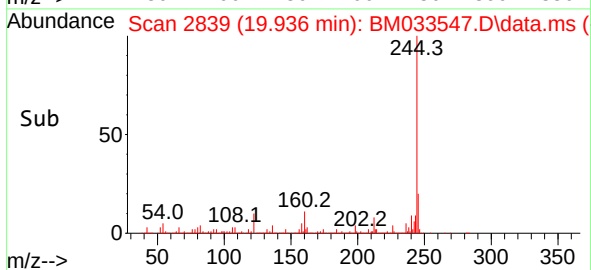
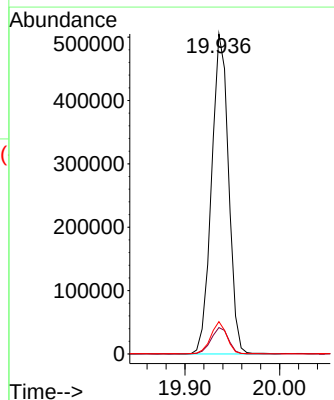
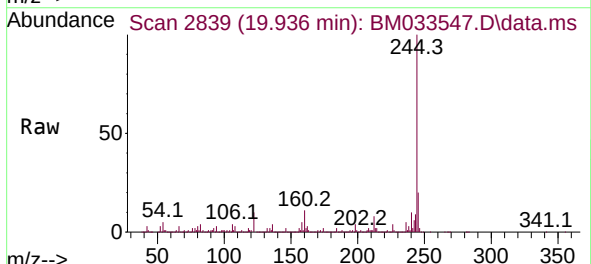
Instrument :
BNA_M
ClientSampleId :

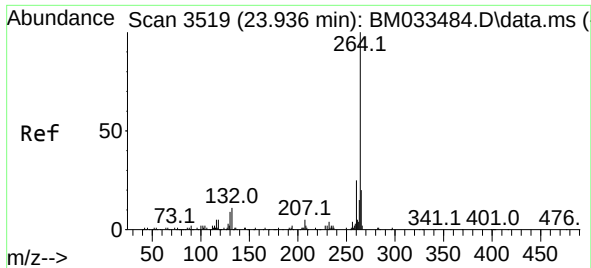
Tgt Ion:240 Resp: 122035
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 81.258 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM033547.D
Acq: 20 Dec 2021 19:20

Tgt Ion:244 Resp: 629876
Ion Ratio Lower Upper
244 100
212 8.3 5.9 8.9
122 10.1 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.900 min Scan# 31

Delta R.T. -0.000 min

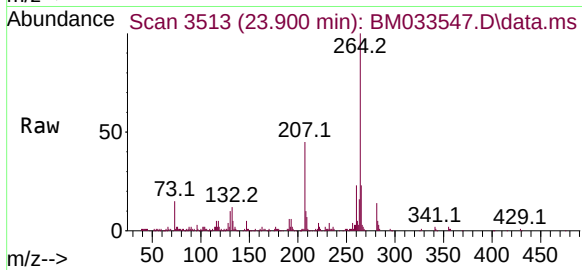
Lab File: BM033547.D

Acq: 20 Dec 2021 19:20

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 136553

Ion Ratio Lower Upper

264 100

260 23.3 17.7 26.5

265 23.3 17.7 26.5

