

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039558.D
 Acq On : 21 Apr 2023 19:15
 Operator : CG/JU
 Sample : 02403-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Quant Time: Apr 22 01:46:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

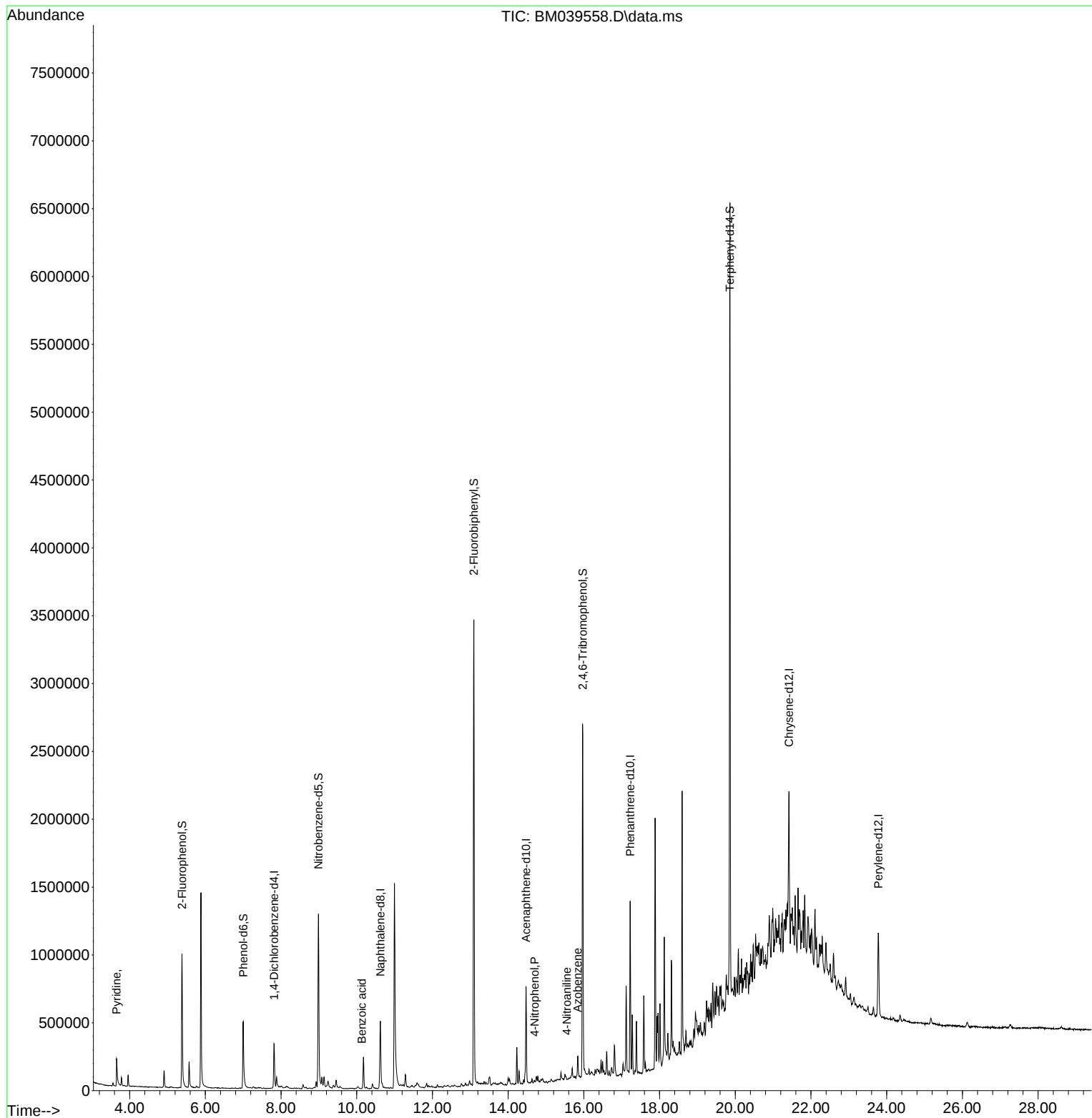
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	95508	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	399028	20.000	ng	0.00
39) Acenaphthene-d10	14.472	164	244452	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	502333	20.000	ng	0.00
76) Chrysene-d12	21.418	240	429817	20.000	ng	0.00
86) Perylene-d12	23.777	264	478400	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	450723	77.104	ng	0.00
7) Phenol-d6	7.002	99	351148	40.874	ng	0.00
23) Nitrobenzene-d5	8.990	82	815581	100.092	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	451006	142.178	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1742740	98.642	ng	0.00
79) Terphenyl-d14	19.860	244	2765930	116.092	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.655	79	130197	18.312	ng	95
32) Benzoic acid	10.137	122	178	6.023	ng	# 23
56) 4-Nitrophenol	14.701	139	480	5.531	ng	# 52
62) 4-Nitroaniline	15.554	138	398	2.880	ng	# 78
63) Azobenzene	15.836	77	52653	2.634	ng	# 1

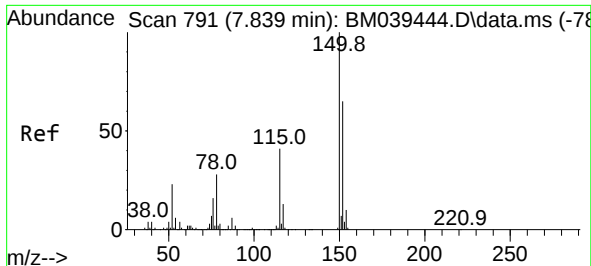
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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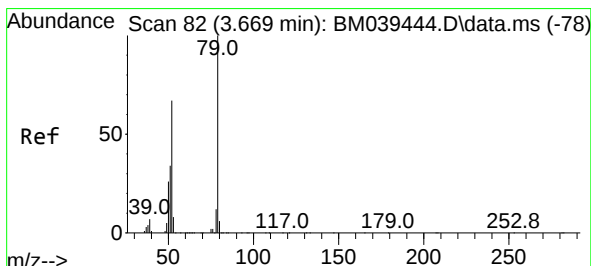
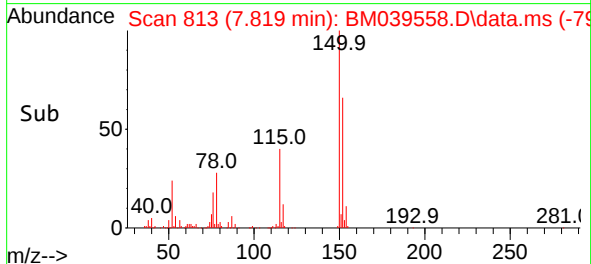
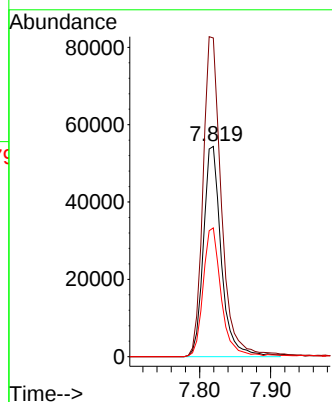
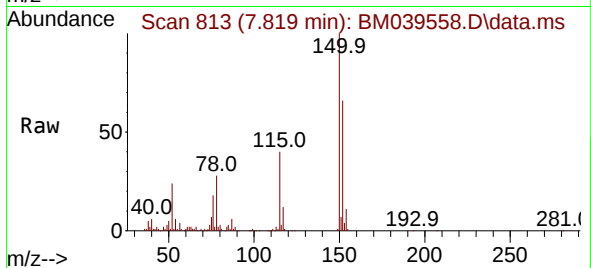




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

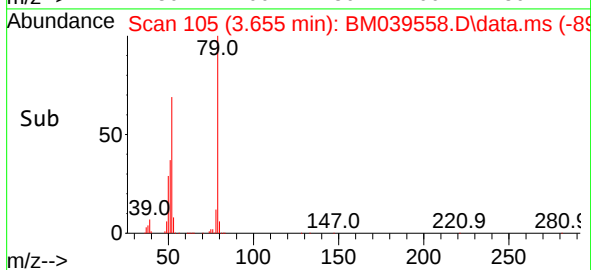
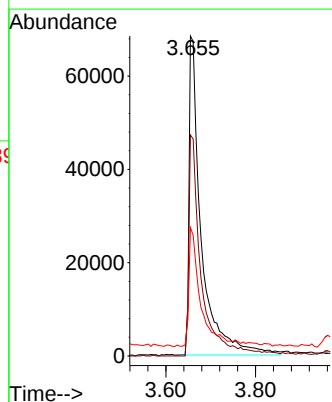
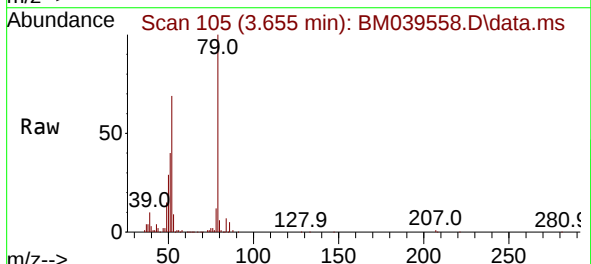
Instrument :
BNA_M
ClientSampleId :
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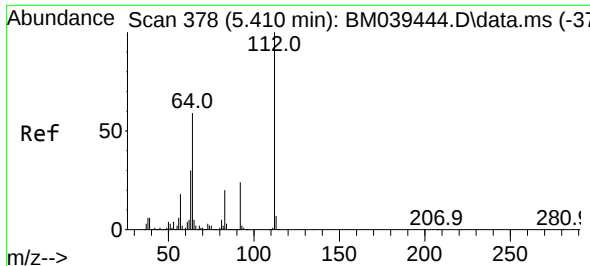
Tgt Ion:152 Resp: 95508
Ion Ratio Lower Upper
152 100
150 151.5 123.0 184.4
115 61.3 49.9 74.9



#3
Pyridine
Concen: 18.312 ng
RT: 3.655 min Scan# 105
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion: 79 Resp: 130197
Ion Ratio Lower Upper
79 100
52 69.1 53.8 80.8
51 40.1 27.7 41.5

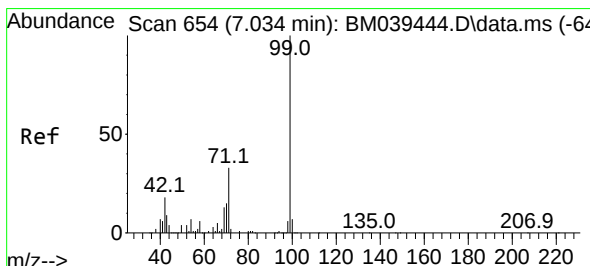
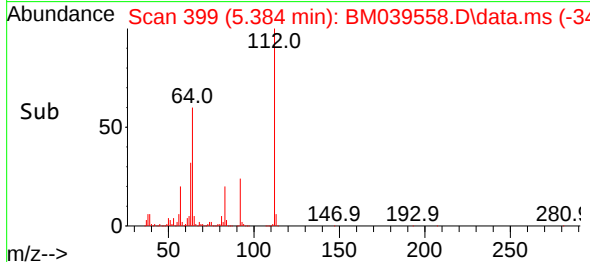
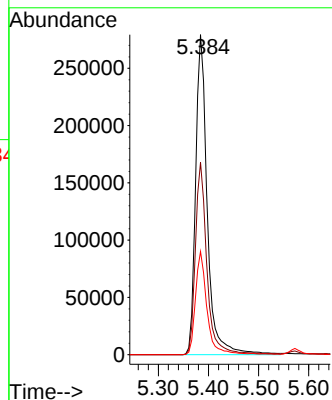
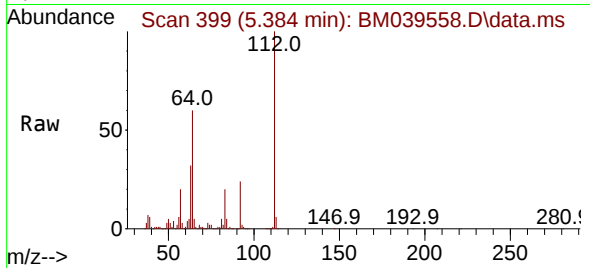




#5
2-Fluorophenol
Concen: 77.104 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

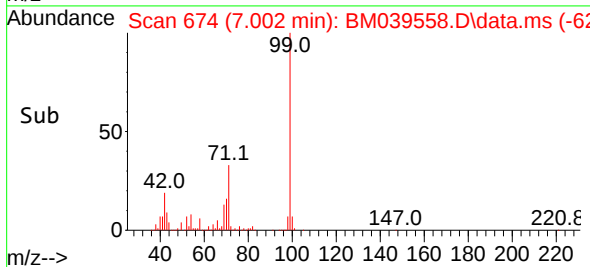
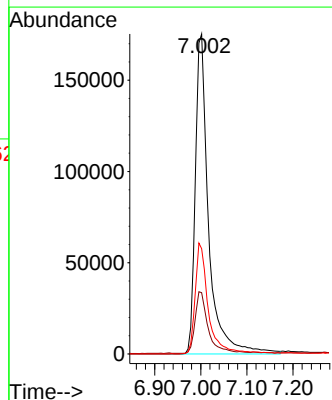
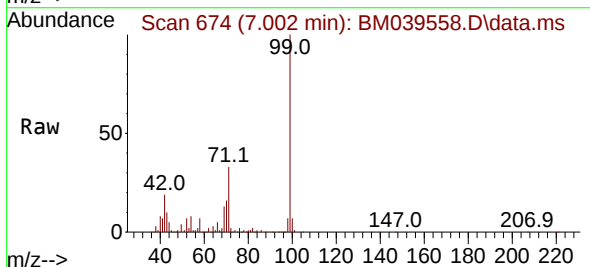
Instrument :
BNA_M
ClientSampleId :
COMP-3

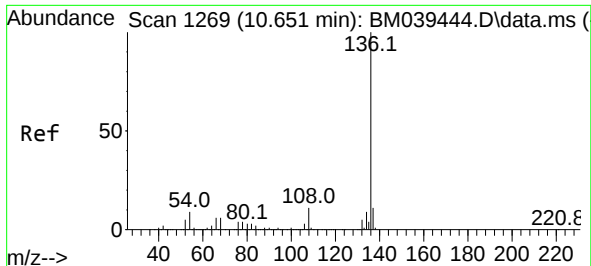
Tgt Ion:112 Resp: 450723
Ion Ratio Lower Upper
112 100
64 60.1 47.0 70.4
63 32.2 24.2 36.4



#7
Phenol-d6
Concen: 40.874 ng
RT: 7.002 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion: 99 Resp: 351148
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 32.9 26.8 40.2



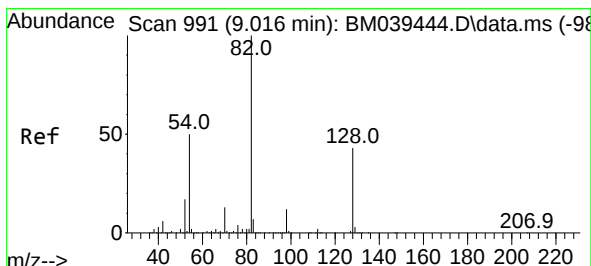
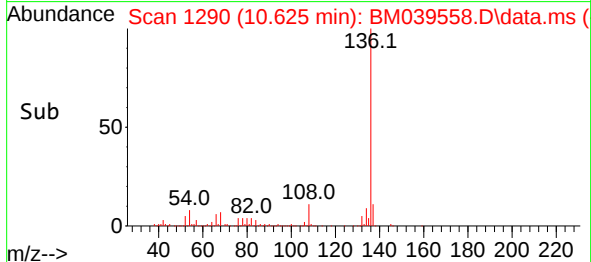
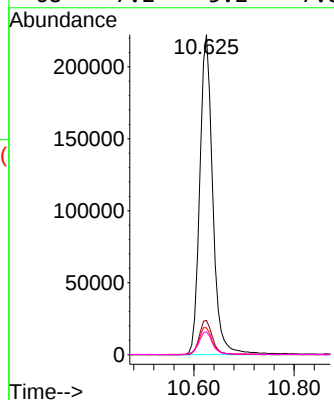
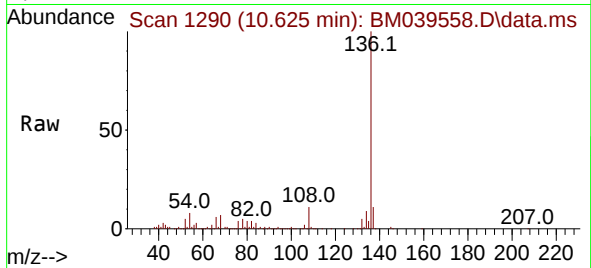


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Instrument :
BNA_M
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 399028

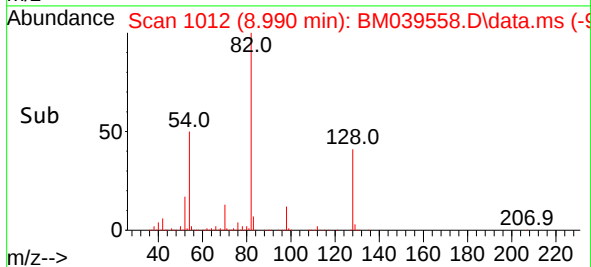
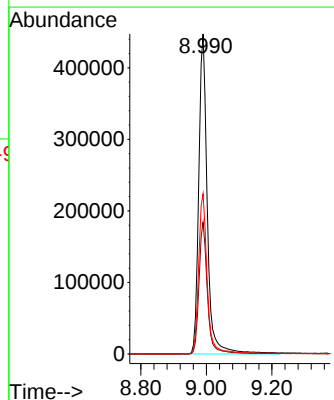
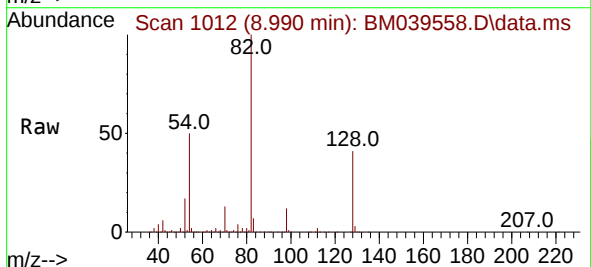
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	6.9	10.3
68	7.2	5.2	7.8

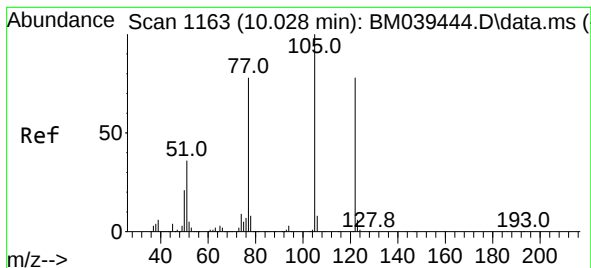


#23
Nitrobenzene-d5
Concen: 100.092 ng
RT: 8.990 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion: 82 Resp: 815581

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.2	51.2
54	50.1	39.7	59.5

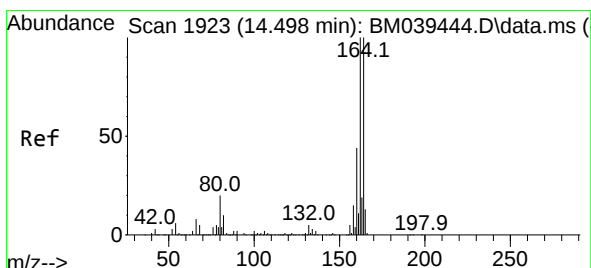
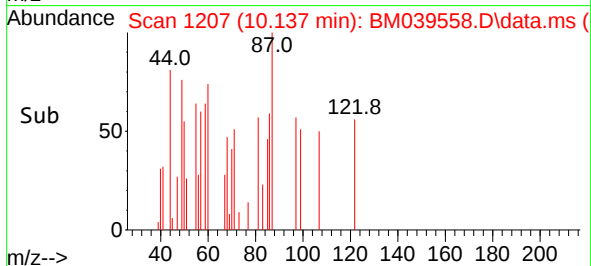
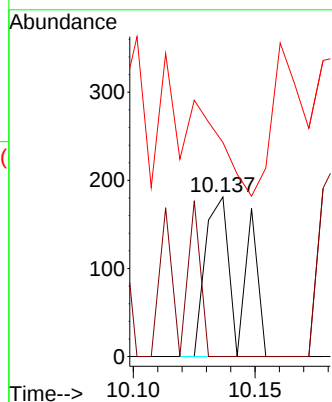
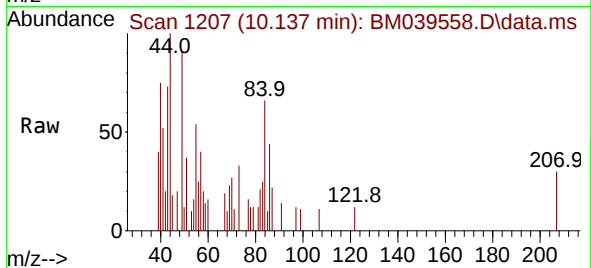




#32
Benzoic acid
Concen: 6.023 ng
RT: 10.137 min Scan# 1163
Delta R.T. 0.130 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

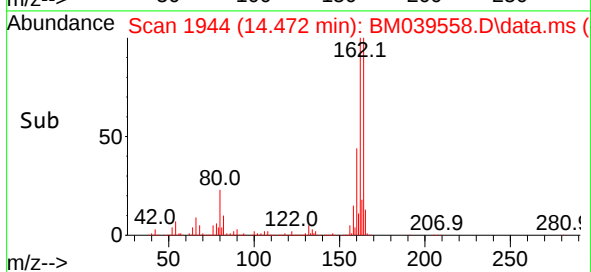
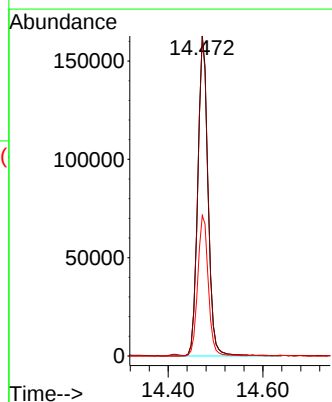
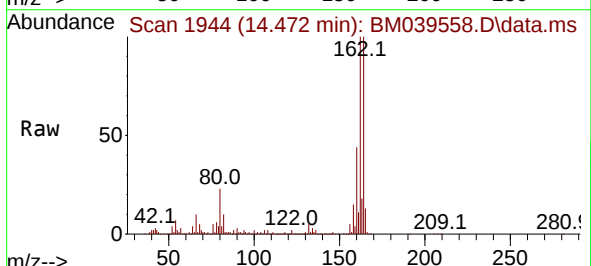
Instrument :
BNA_M
ClientSampleId :
COMP-3

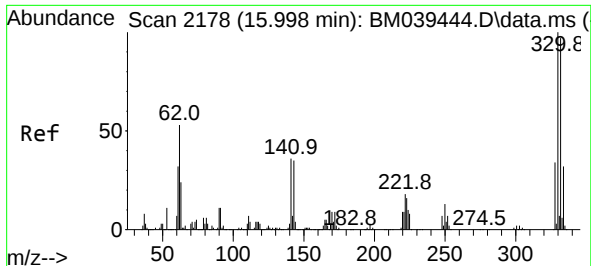
Tgt Ion:122 Resp: 178
Ion Ratio Lower Upper
122 100
105 0.0 105.9 145.9#
77 134.3 78.8 118.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.472 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion:164 Resp: 244452
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 43.9 35.0 52.4

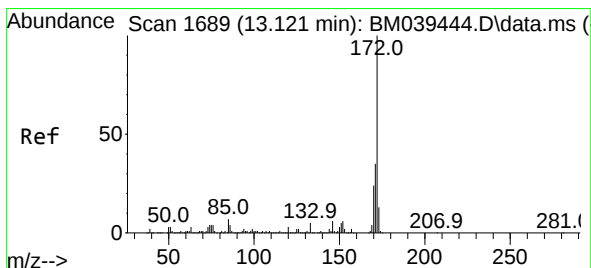
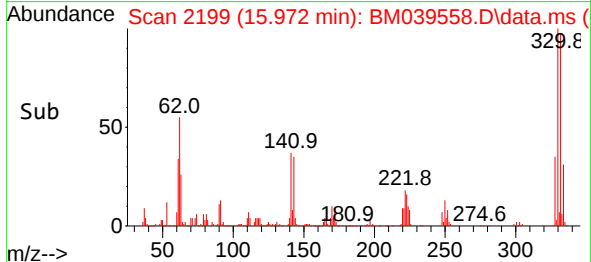
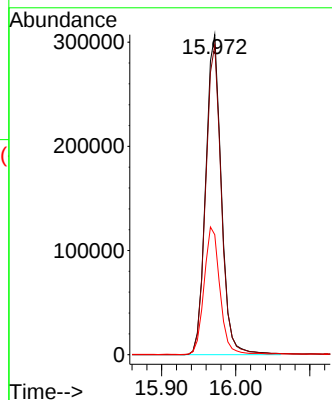
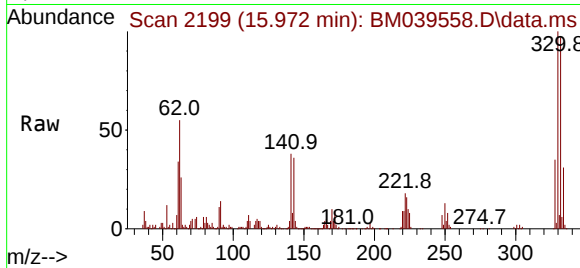




#42
2,4,6-Tribromophenol
Concen: 142.178 ng
RT: 15.972 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

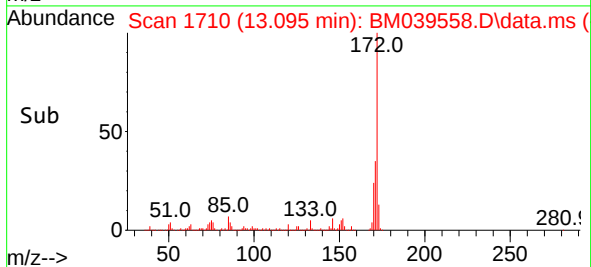
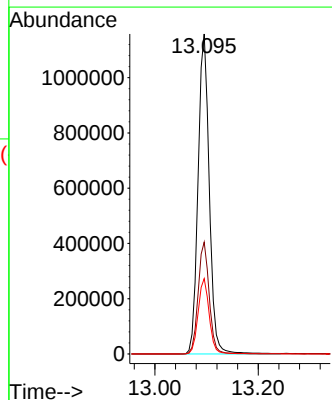
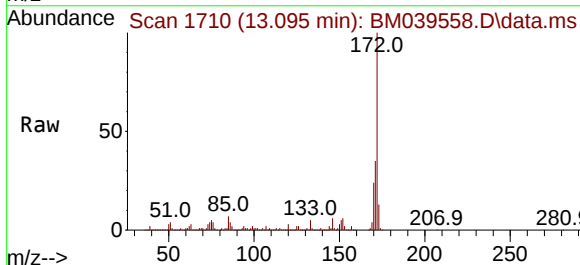
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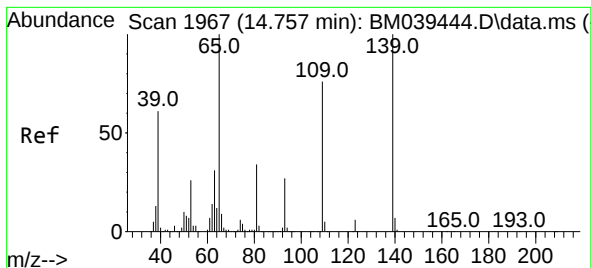
Tgt Ion:330 Resp: 451006
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 40.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 98.642 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion:172 Resp: 1742740
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.6 19.0 28.4

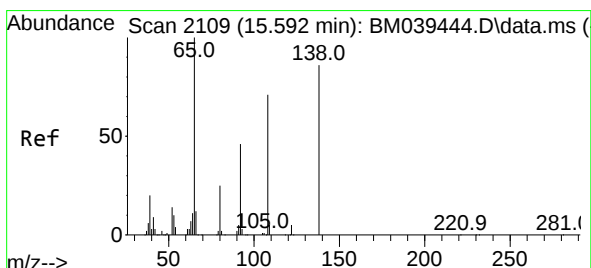
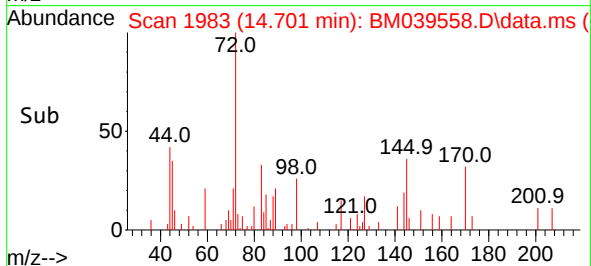
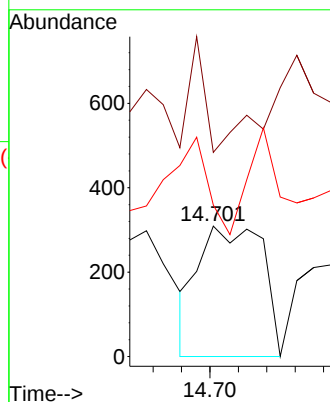
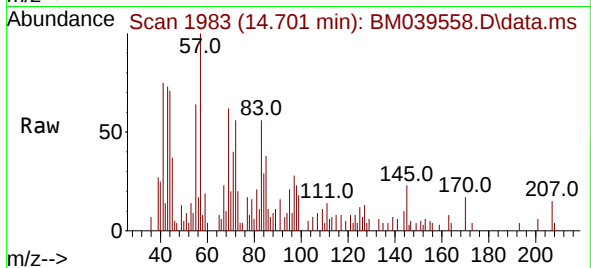




#56
4-Nitrophenol
Concen: 5.531 ng
RT: 14.701 min Scan# 1967
Delta R.T. -0.029 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

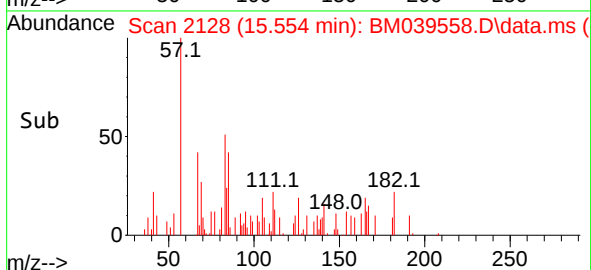
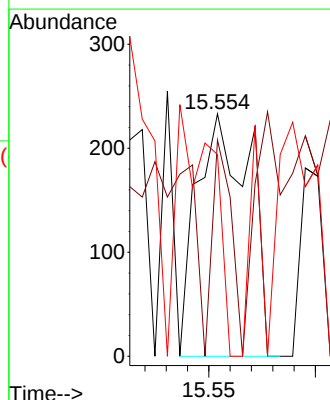
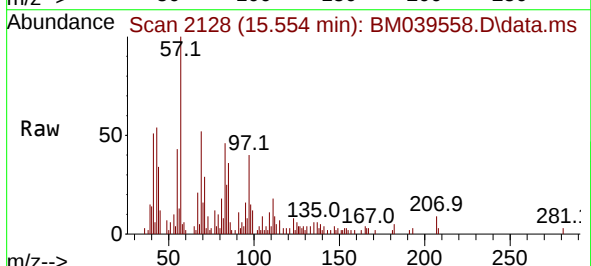
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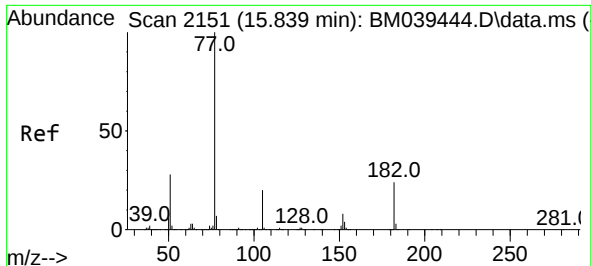
Tgt Ion:139 Resp: 480
Ion Ratio Lower Upper
139 100
109 156.6 56.5 96.5#
65 116.2 81.3 121.3



#62
4-Nitroaniline
Concen: 2.880 ng
RT: 15.554 min Scan# 2128
Delta R.T. -0.017 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion:138 Resp: 398
Ion Ratio Lower Upper
138 100
92 89.3 32.6 72.6#
108 83.3 60.6 100.6

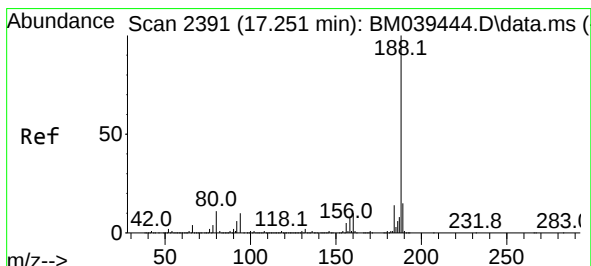
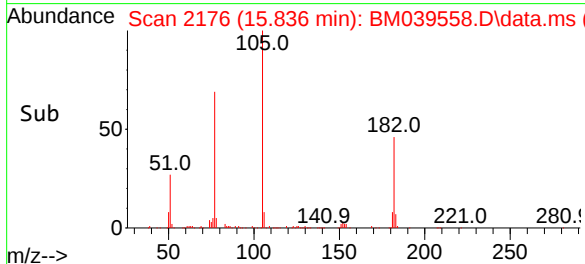
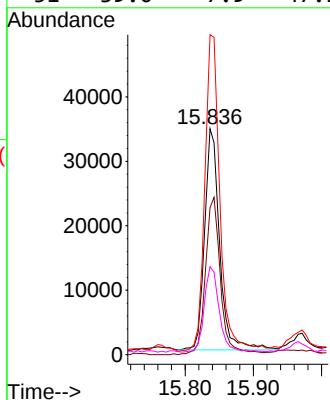
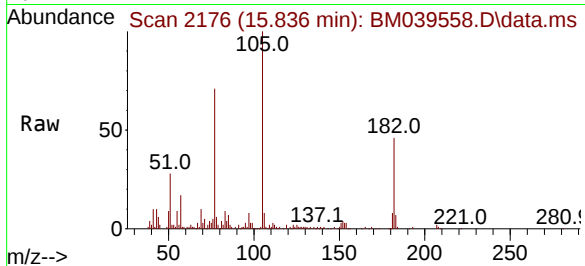




#63
Azobenzene
Concen: 2.634 ng
RT: 15.836 min Scan# 2151
Delta R.T. 0.018 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

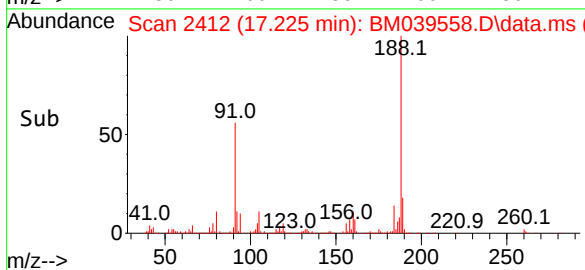
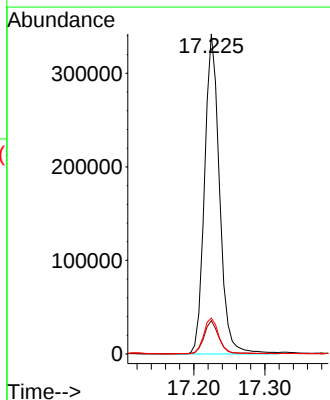
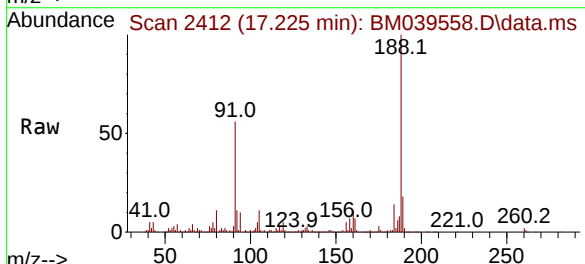
Instrument :
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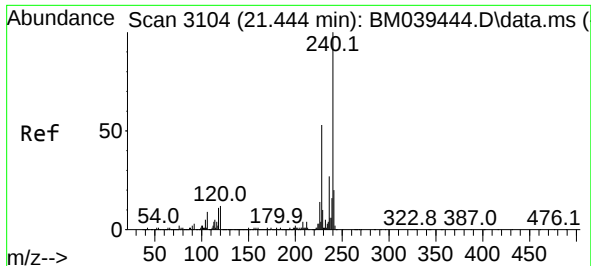
Tgt Ion: 77	Resp: 52653
Ion Ratio	Lower Upper
77 100	
182 65.1	3.7 43.7#
105 141.7	0.5 40.5#
51 39.0	7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion: 188	Resp: 502333
Ion Ratio	Lower Upper
188 100	
94 10.4	7.9 11.9
80 11.2	8.9 13.3

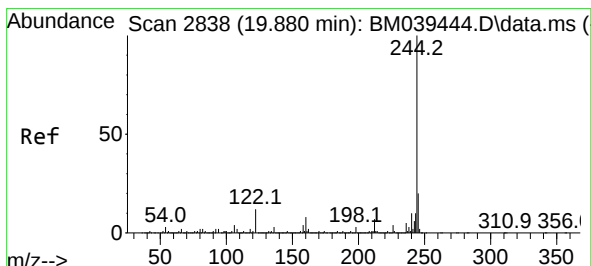
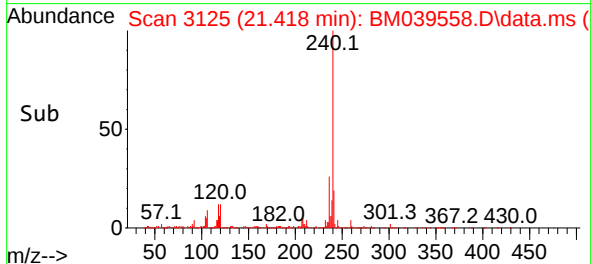
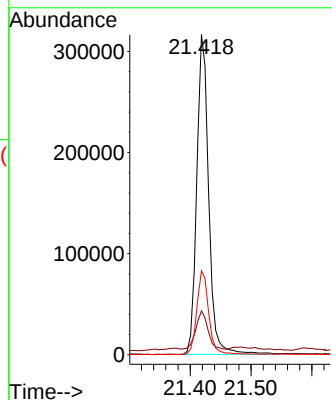
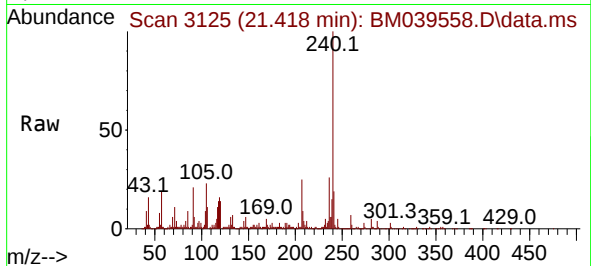




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

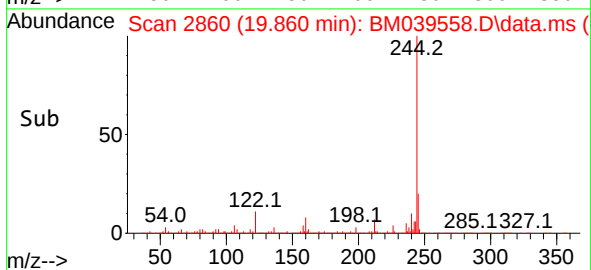
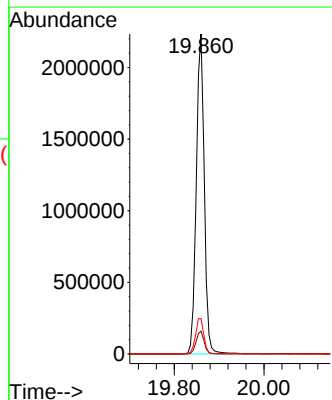
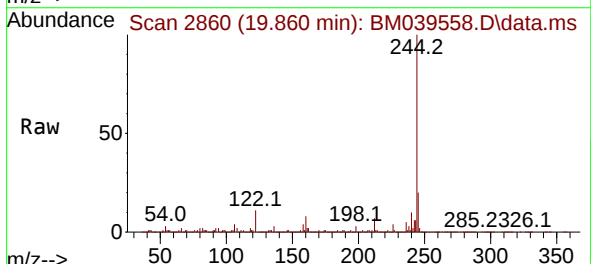
Instrument :
BNA_M
ClientSampleId :
COMP-3

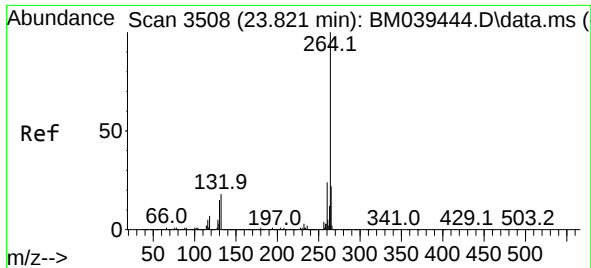
Tgt Ion:240 Resp: 429817
Ion Ratio Lower Upper
240 100
120 13.7 9.4 14.2
236 26.2 21.2 31.8



#79
Terphenyl-d14
Concen: 116.092 ng
RT: 19.860 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BM039558.D
Acq: 21 Apr 2023 19:15

Tgt Ion:244 Resp: 2765930
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.1 9.5 14.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BM039558.D
 Acq: 21 Apr 2023 19:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Tgt Ion:264 Resp: 478400
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.9 18.0 27.0

