

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032400.D
 Acq On : 08 Oct 2021 19:18
 Operator : CG/JU
 Sample : M4144-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQ-COMP-100721

Quant Time: Oct 09 02:16:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 17:11:04 2021
 Response via : Initial Calibration

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

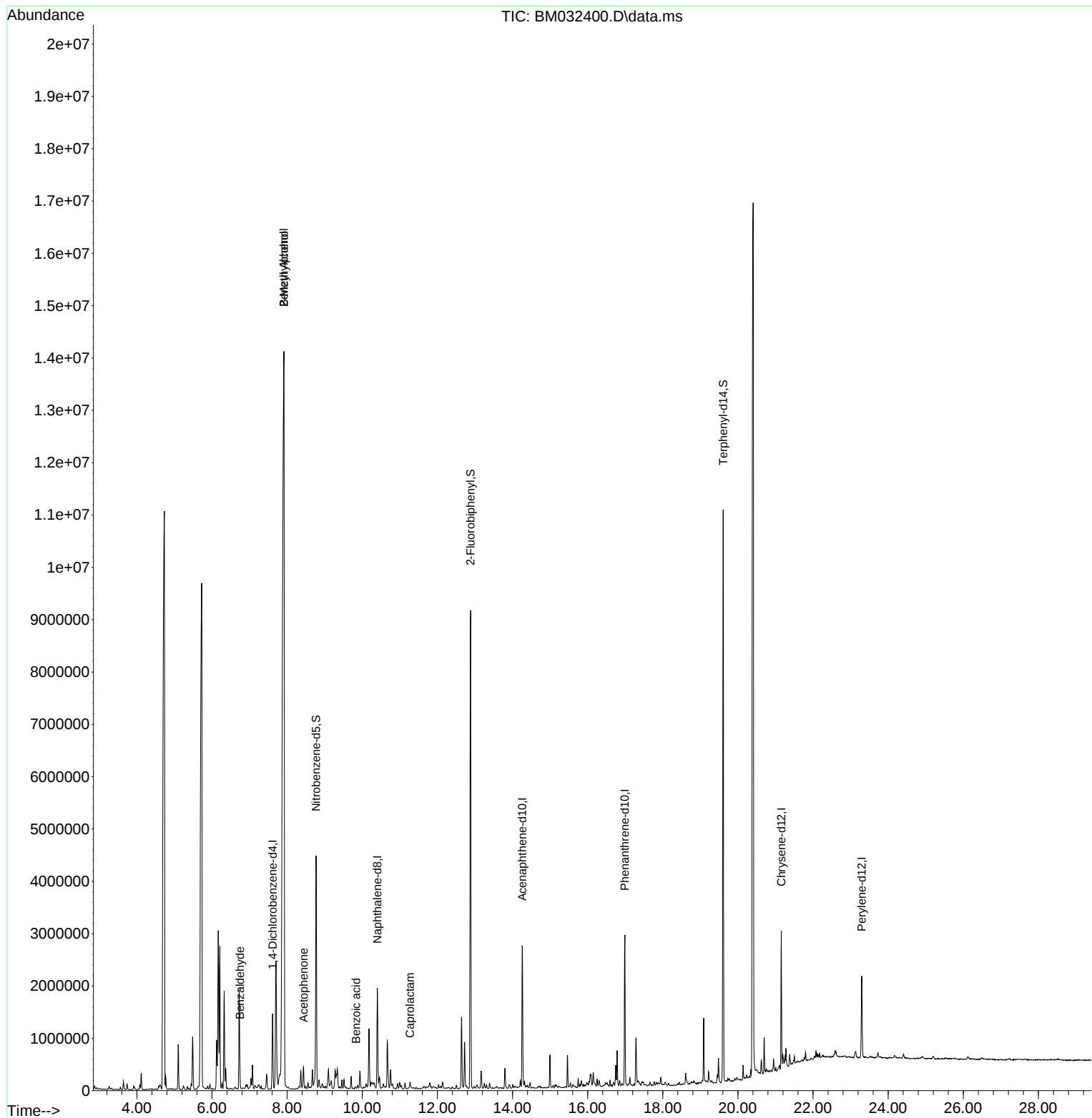
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	365857	20.000	ng	0.00
21) Naphthalene-d8	10.401	136	1480508	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	871789	20.000	ng	0.00
64) Phenanthrene-d10	16.989	188	1639314	20.000	ng	0.00
76) Chrysene-d12	21.153	240	1157984	20.000	ng	0.00
86) Perylene-d12	23.294	264	987291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.213	112	967	0.045	ng	0.02
7) Phenol-d6	6.807	99	5958	0.201	ng	0.00
23) Nitrobenzene-d5	8.772	82	2366206	88.890	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	162	0.017	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	4869216	83.044	ng	0.00
79) Terphenyl-d14	19.606	244	5120720	93.131	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.742	77	54597	3.150	ng	86
15) Benzyl Alcohol	7.913	79	9984947	490.970	ng	89
17) 2-Methylphenol	7.913	107	5524667	285.940	ng	# 23
22) Acetophenone	8.436	105	222623	6.239	ng	# 87
32) Benzoic acid	9.836	122	240	4.835	ng	# 1
35) Caprolactam	11.272	113	20954	3.046	ng	# 91

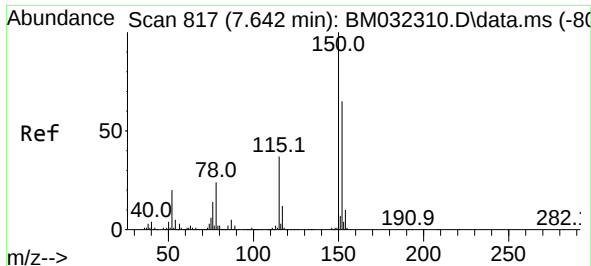
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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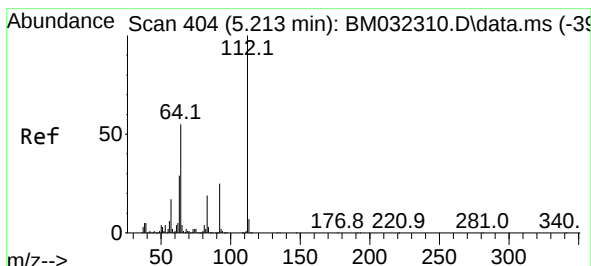
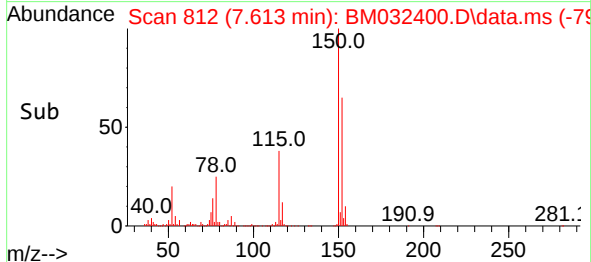
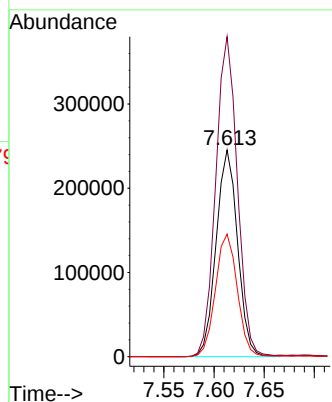
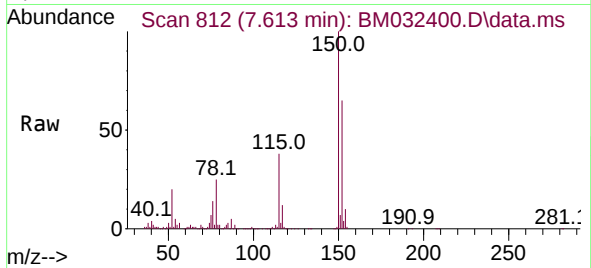




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

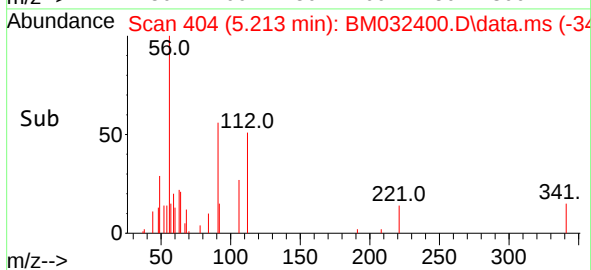
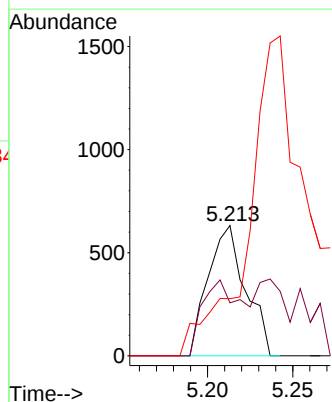
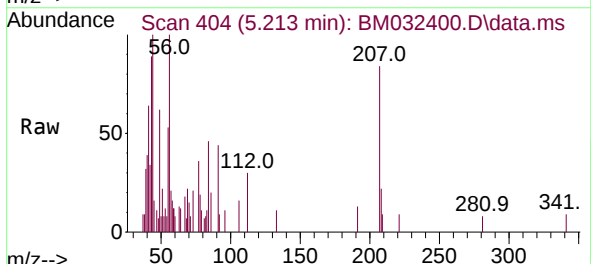
Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

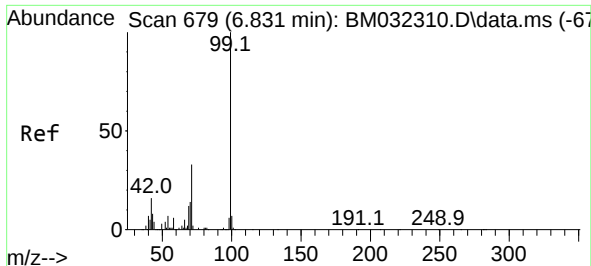
Tgt Ion:152 Resp: 365857
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 59.3 53.8 80.8



#5
2-Fluorophenol
Concen: 0.045 ng
RT: 5.213 min Scan# 404
Delta R.T. 0.024 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion:112 Resp: 967
Ion Ratio Lower Upper
112 100
64 40.7 53.7 80.5#
63 43.8 33.9 50.9

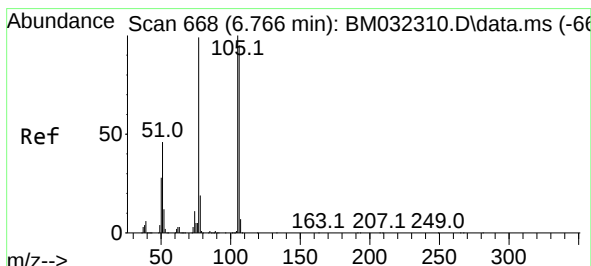
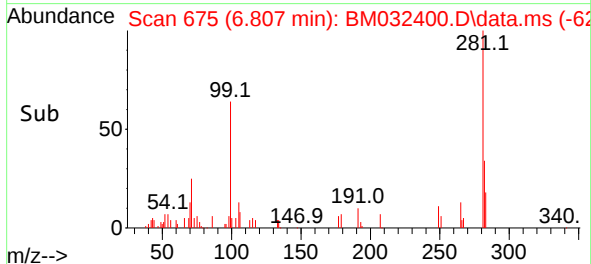
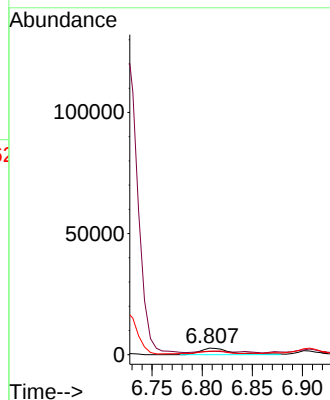
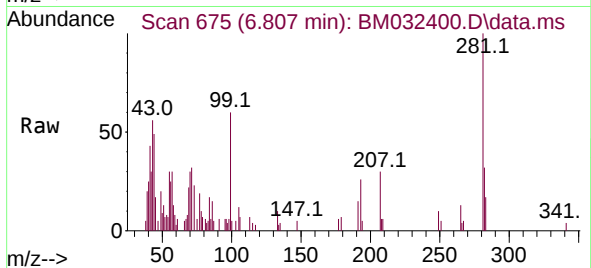




#7
Phenol-d6
Concen: 0.201 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

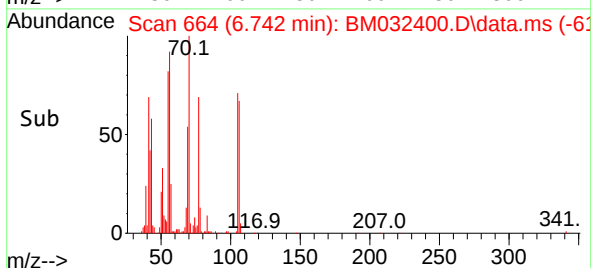
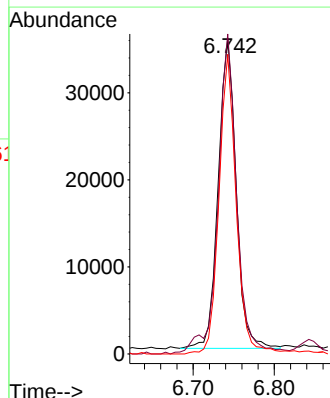
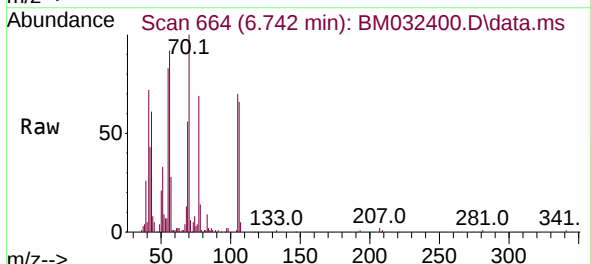
Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

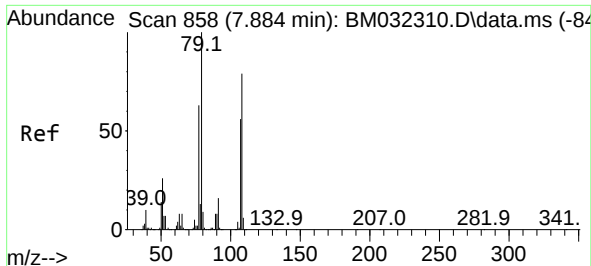
Tgt Ion: 99 Resp: 5958
Ion Ratio Lower Upper
99 100
42 50.0 23.0 34.6#
71 53.3 37.8 56.8



#9
Benzaldehyde
Concen: 3.150 ng
RT: 6.742 min Scan# 664
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion: 77 Resp: 54597
Ion Ratio Lower Upper
77 100
105 101.5 68.9 108.9
106 95.0 61.2 101.2

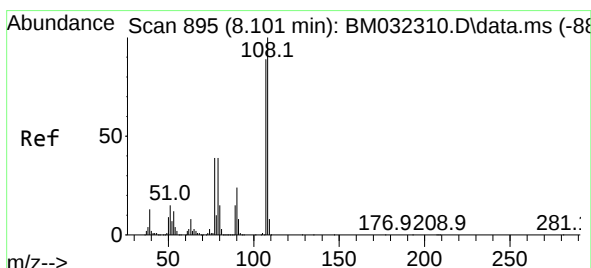
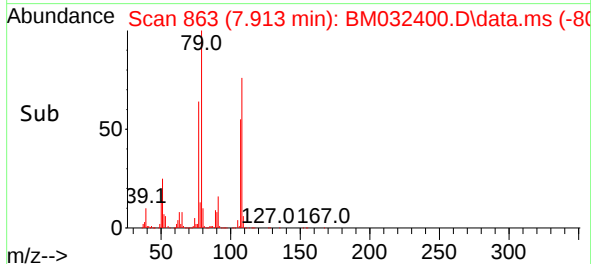
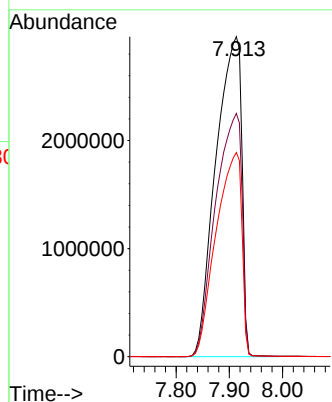
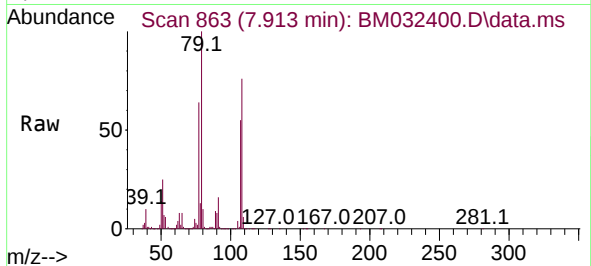




#15
Benzyl Alcohol
Concen: 490.970 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.053 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

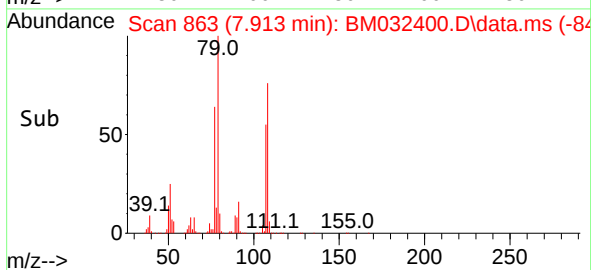
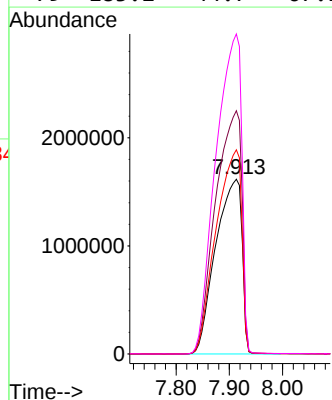
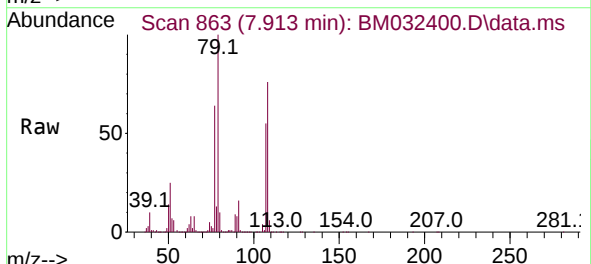
Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

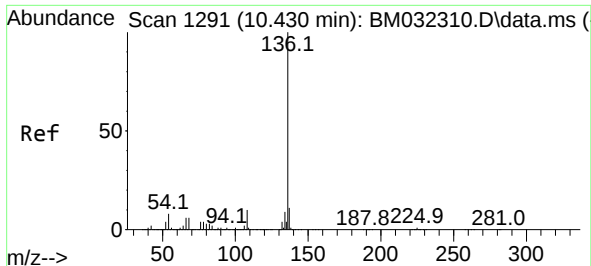
Tgt Ion: 79 Resp: 9984947
Ion Ratio Lower Upper
79 100
108 76.0 53.6 80.4
77 63.8 57.7 86.5



#17
2-Methylphenol
Concen: 285.940 ng
RT: 7.913 min Scan# 863
Delta R.T. -0.171 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion: 107 Resp: 5524667
Ion Ratio Lower Upper
107 100
108 139.2 87.9 131.9#
77 116.8 48.2 72.2#
79 183.2 44.7 67.1#

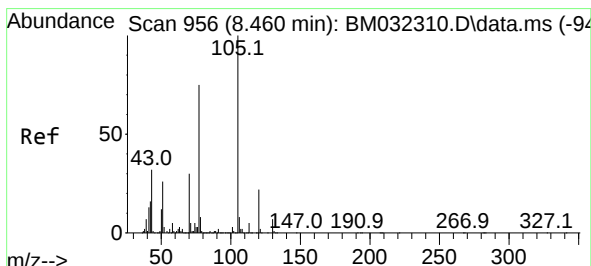
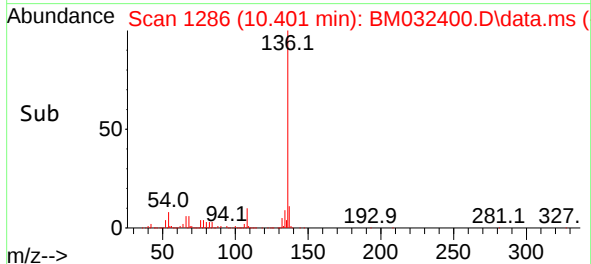
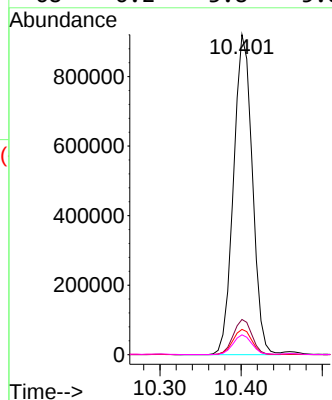
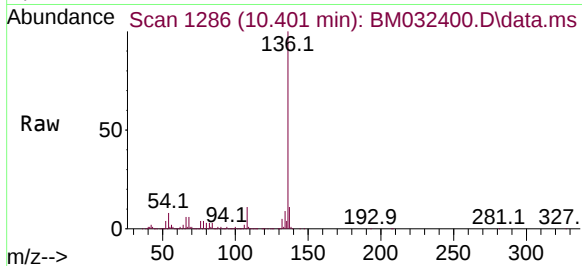




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

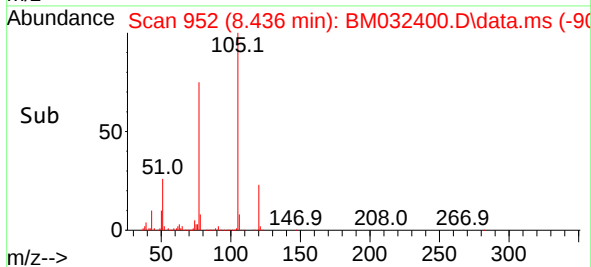
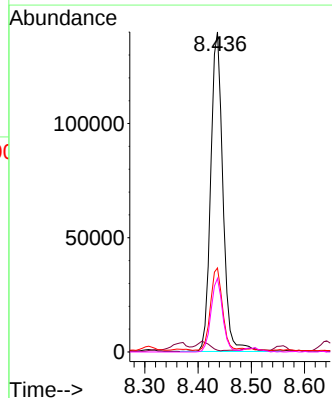
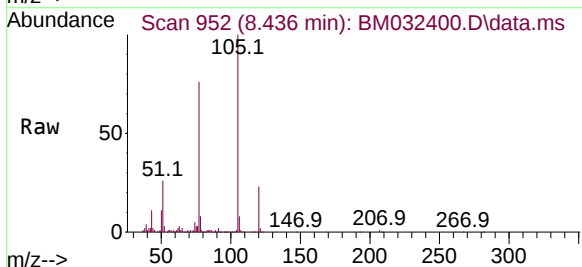
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ClientSampleId :
IDW-LIQ-COMP-100721

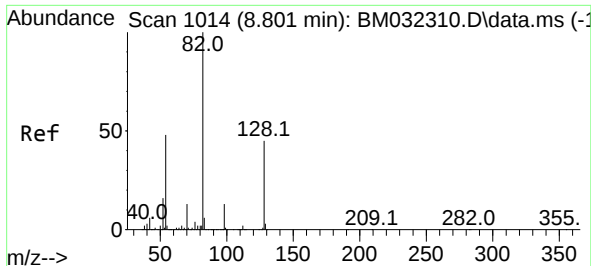
Tgt Ion:136 Resp: 1480508
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 7.4 11.0
68 6.2 3.8 5.8#



#22
Acetophenone
Concen: 6.239 ng
RT: 8.436 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion:105 Resp: 222623
Ion Ratio Lower Upper
105 100
71 0.6 3.8 5.6#
51 26.2 29.5 44.3#
120 23.0 16.3 24.5

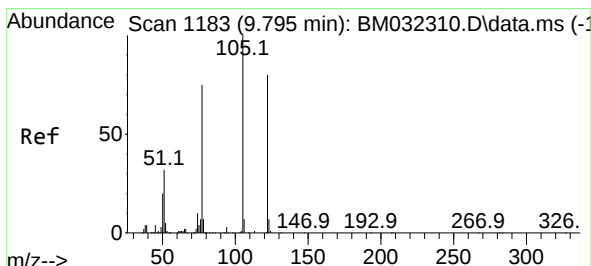
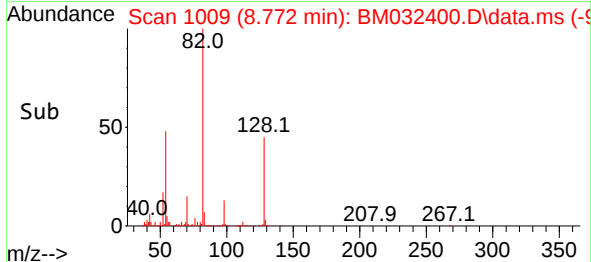
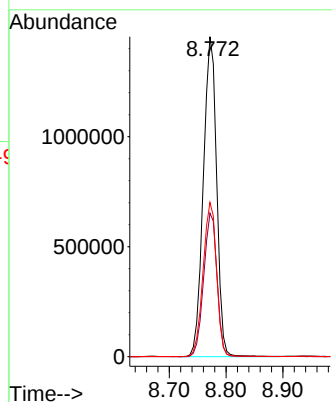
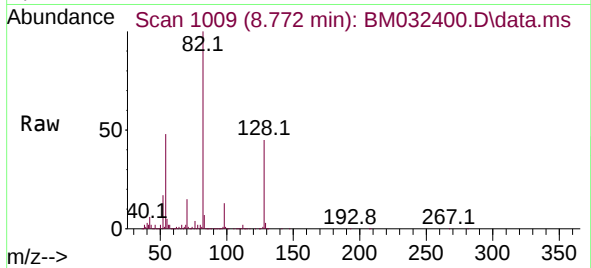




#23
Nitrobenzene-d5
Concen: 88.890 ng
RT: 8.772 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

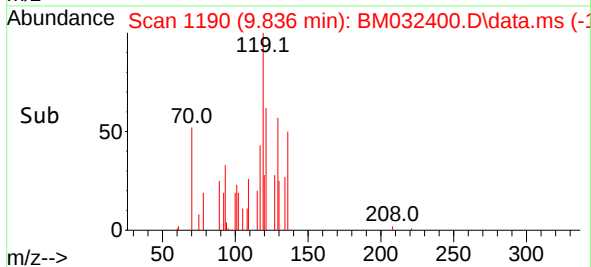
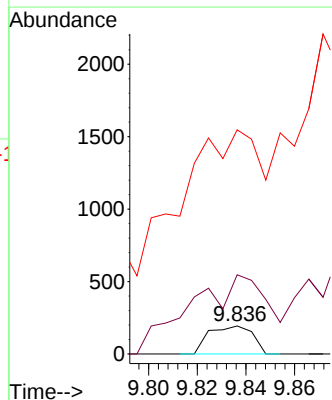
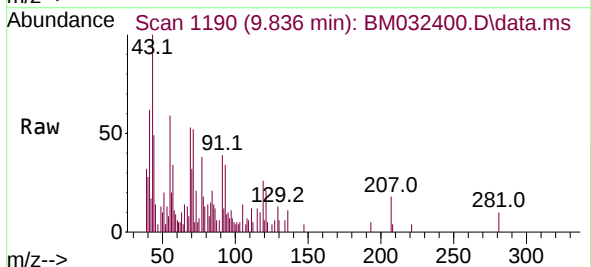
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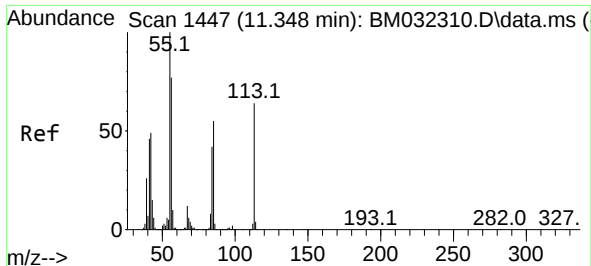
Tgt Ion: 82 Resp: 2366206
Ion Ratio Lower Upper
82 100
128 44.9 29.0 43.6#
54 48.2 45.8 68.8



#32
Benzoic acid
Concen: 4.835 ng
RT: 9.836 min Scan# 1190
Delta R.T. 0.065 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

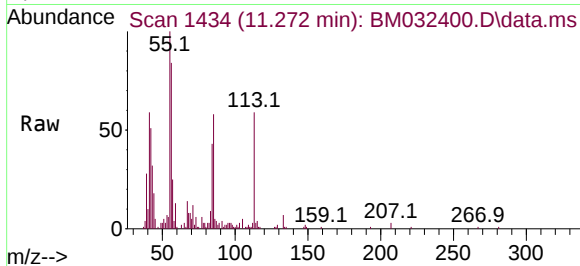
Tgt Ion:122 Resp: 240
Ion Ratio Lower Upper
122 100
105 282.0 120.3 160.3#
77 797.4 100.0 140.0#



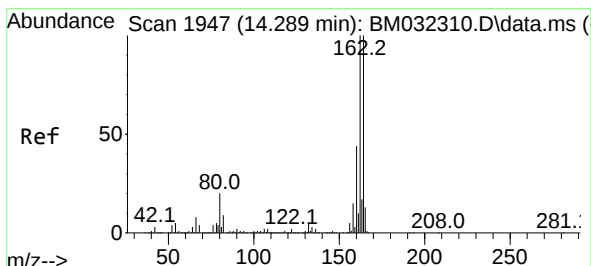
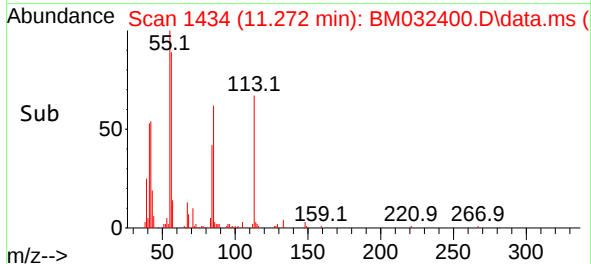
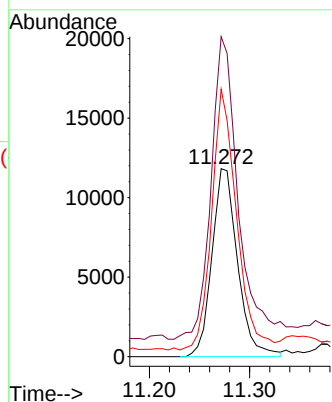


#35
Caprolactam
Concen: 3.046 ng
RT: 11.272 min Scan# 1434
Delta R.T. -0.053 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

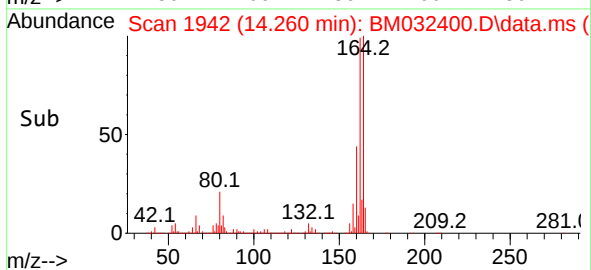
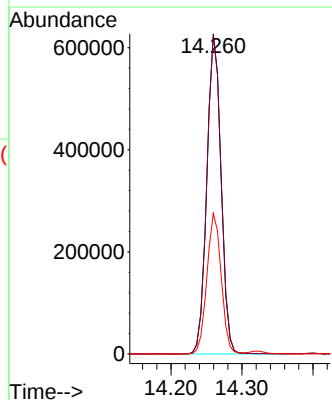
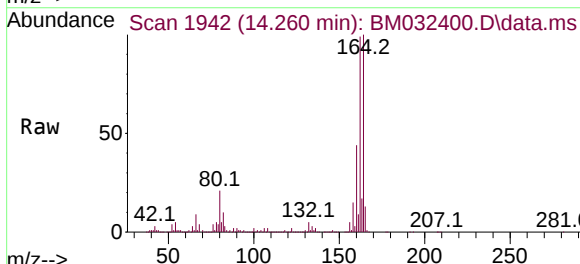


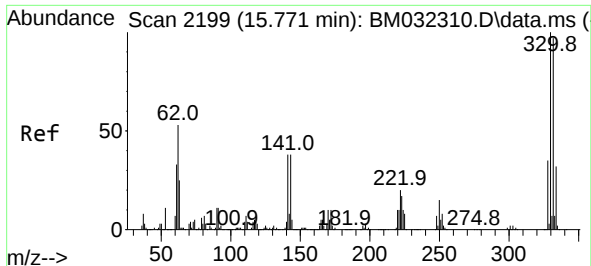
Tgt Ion:113 Resp: 20954
Ion Ratio Lower Upper
113 100
55 170.2 170.5 210.5#
56 142.2 125.2 165.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion:164 Resp: 871789
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 43.9 35.1 52.7

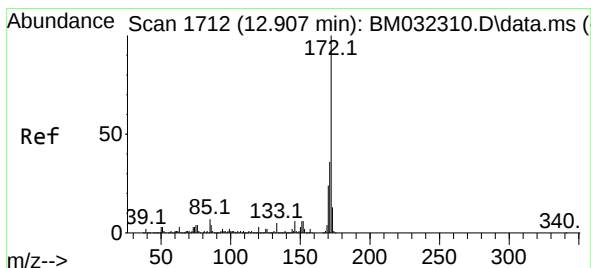
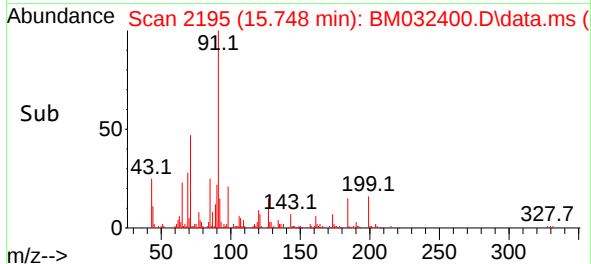
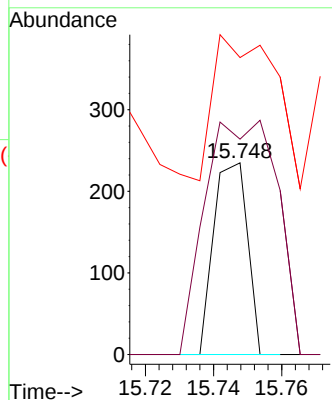
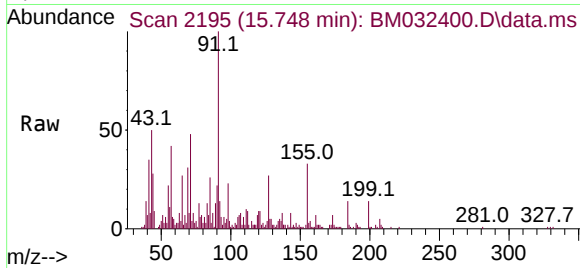




#42
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

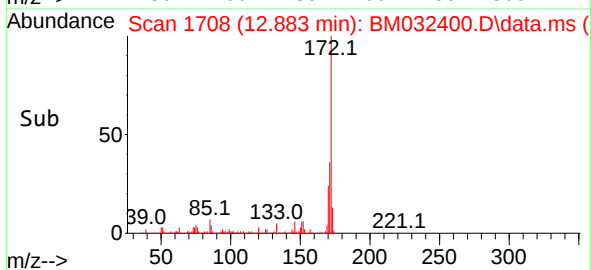
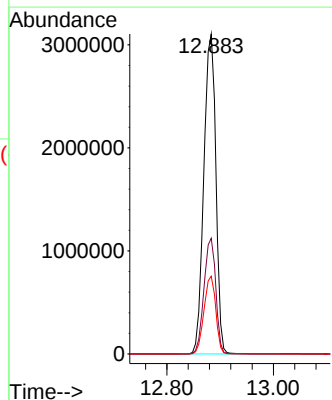
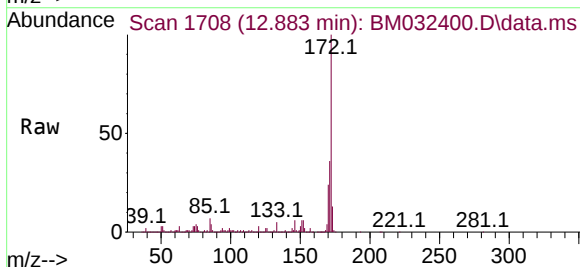
Instrument :
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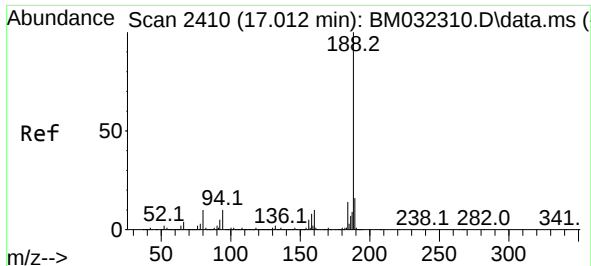
Tgt Ion:330 Resp: 162
Ion Ratio Lower Upper
330 100
332 259.9 75.7 113.5#
141 158.6 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 83.044 ng
RT: 12.883 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion:172 Resp: 4869216
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.3 18.6 27.8

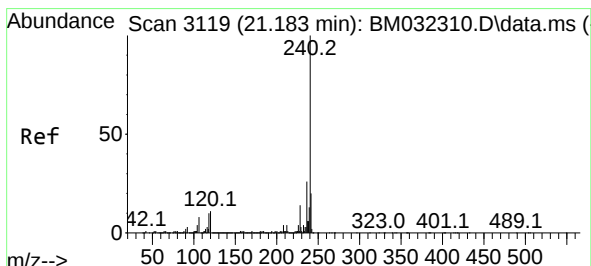
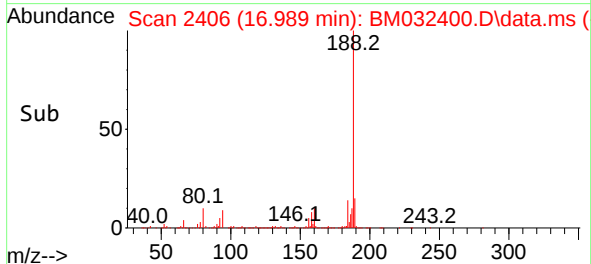
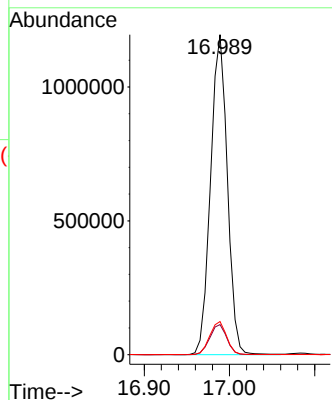
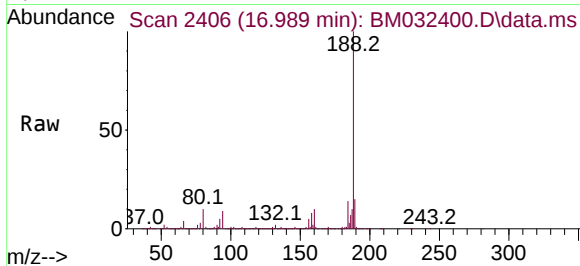




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

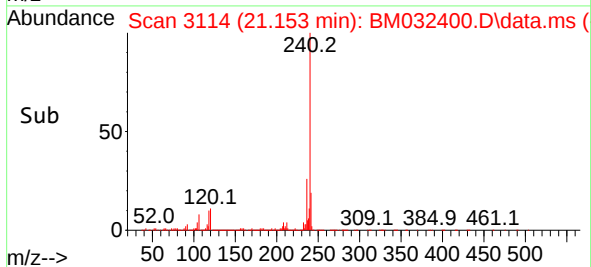
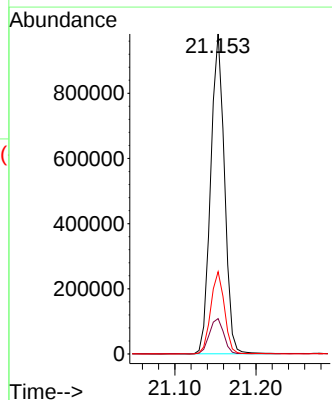
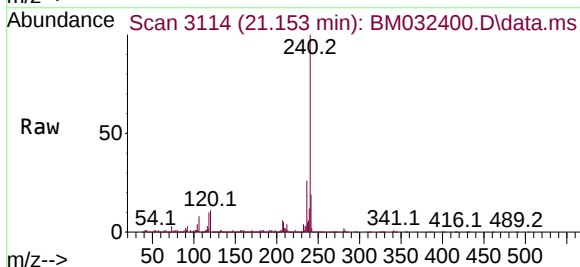
Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

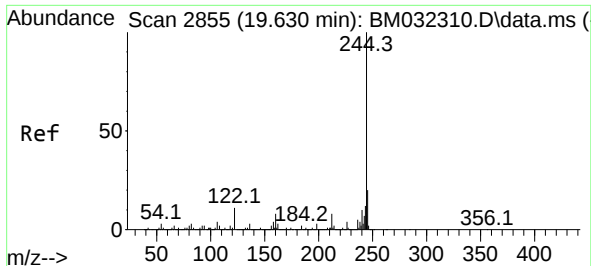
Tgt Ion:188 Resp: 1639314
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.153 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion:240 Resp: 1157984
Ion Ratio Lower Upper
240 100
120 11.1 7.8 11.6
236 25.7 20.9 31.3

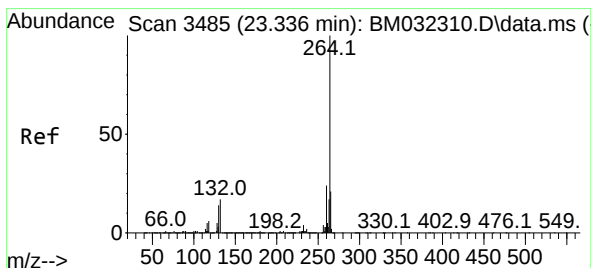
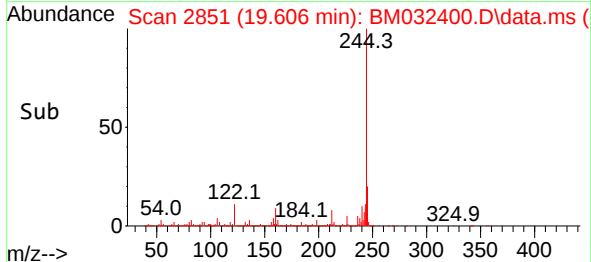
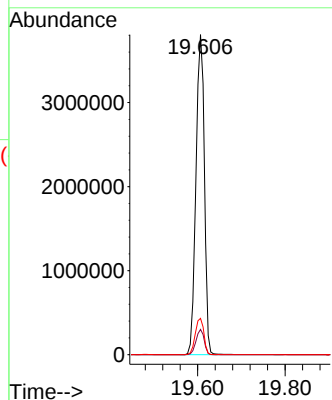
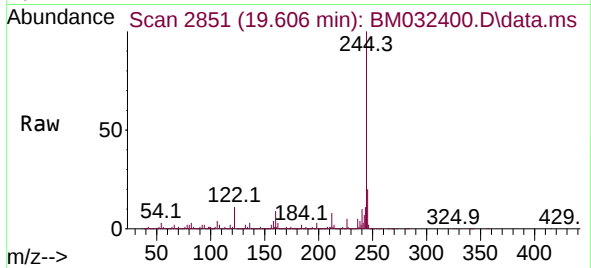




#79
Terphenyl-d14
Concen: 93.131 ng
RT: 19.606 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

Tgt Ion:244 Resp: 5120720
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.4 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.294 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Tgt Ion:264 Resp: 987291
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 22.0 18.3 27.5

