

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)

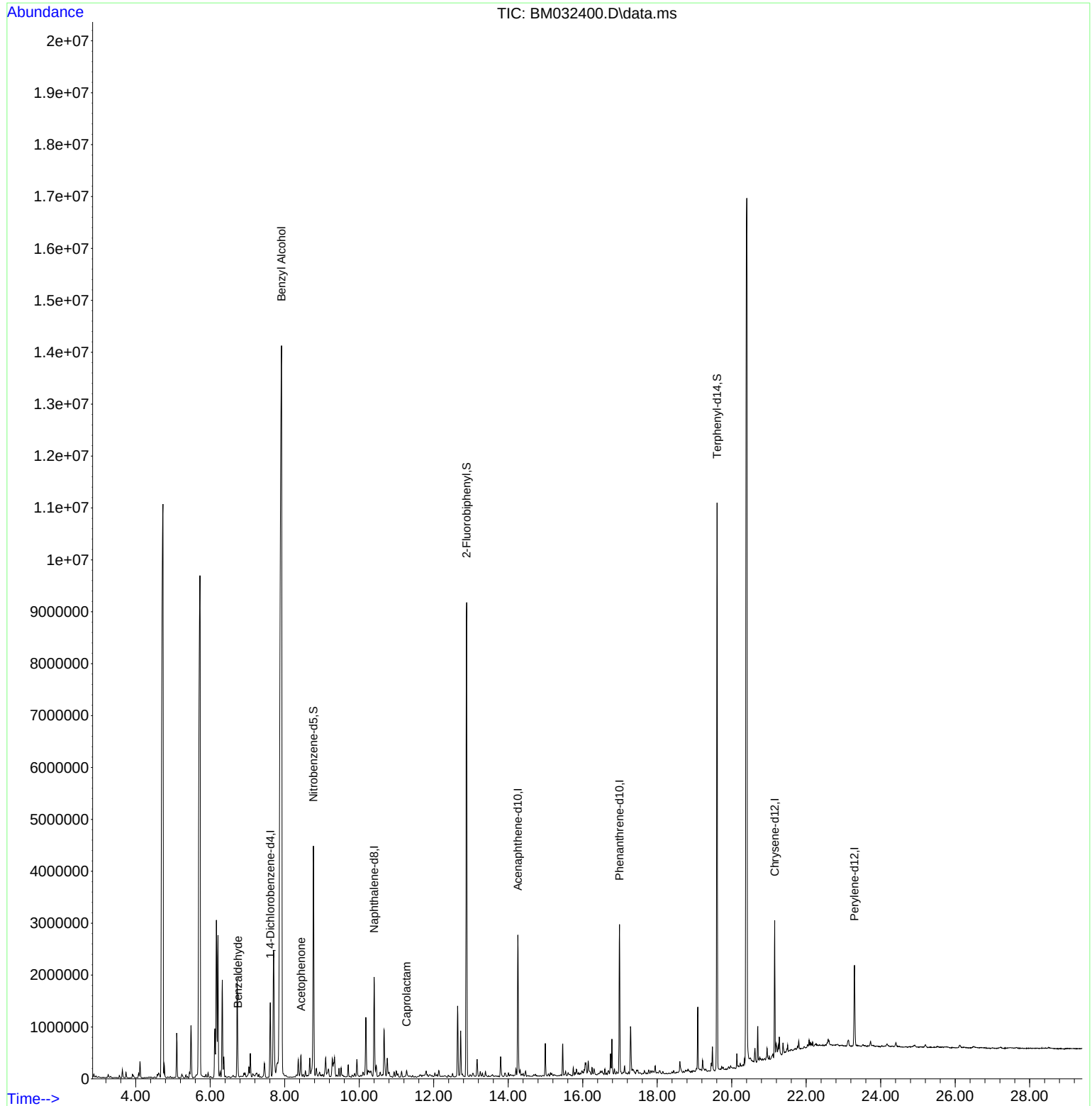
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	365857	20.00	ng	0.00
21) Naphthalene-d8	10.401	136	1480508	20.00	ng	# 0.00
39) Acenaphthene-d10	14.260	164	871789	20.00	ng	0.00
64) Phenanthrene-d10	16.989	188	1639314	20.00	ng	0.00
76) Chrysene-d12	21.153	240	1157984	20.00	ng	0.00
86) Perylene-d12	23.294	264	987291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.213	112	967	0.04	ng	0.02
7) Phenol-d6	6.807	99	5958	0.20	ng	0.00
23) Nitrobenzene-d5	8.772	82	2366206	88.89	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	162	0.02	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	4869216	83.04	ng	0.00
79) Terphenyl-d14	19.606	244	5120720	93.13	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.742	77	54597	3.15	ng	86
15) Benzyl Alcohol	7.913	79	9984947	490.97	ng	89
22) Acetophenone	8.436	105	222623	6.24	ng	# 87
35) Caprolactam	11.272	113	20954	3.05	ng	# 91

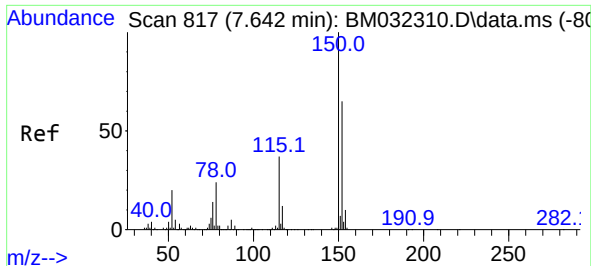
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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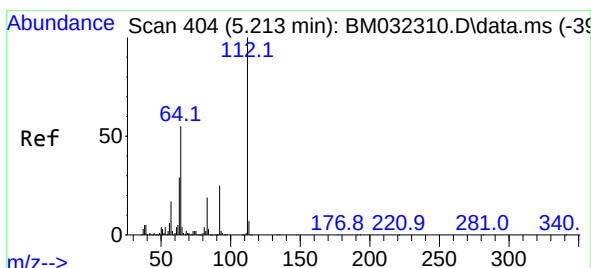
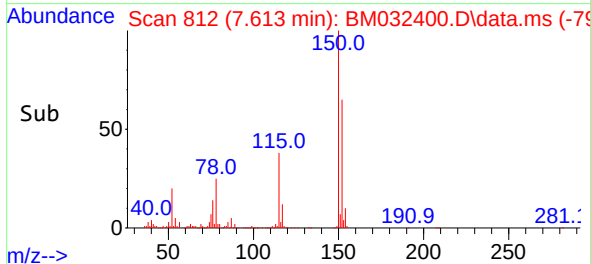
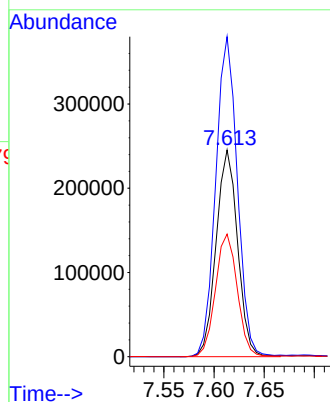
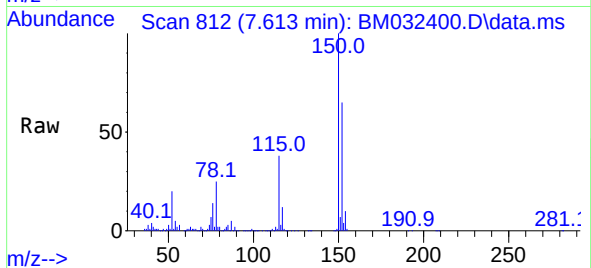




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

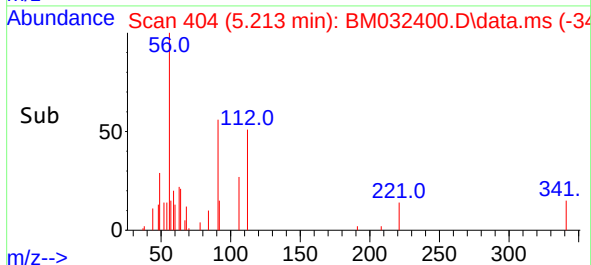
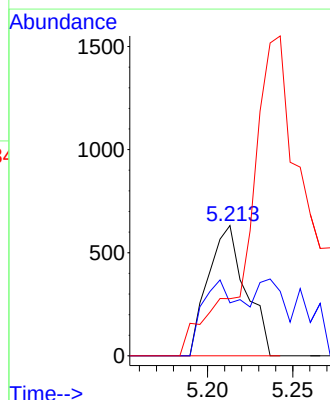
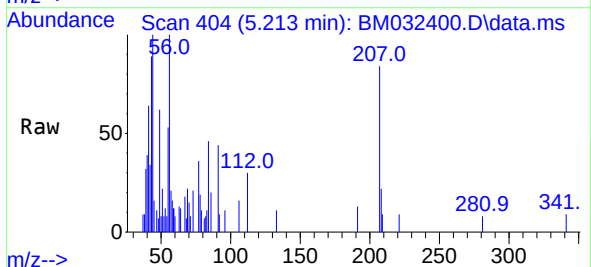
Instrument :
BNA_M
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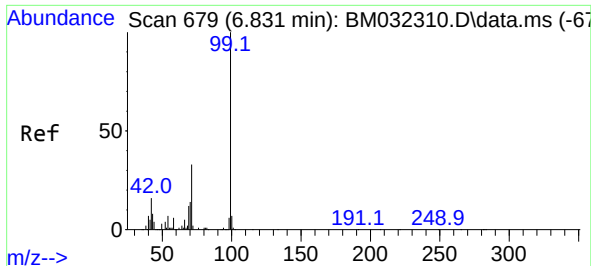
Tgt Ion:152 Resp: 365857
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 59.3 53.8 80.8



#5
2-Fluorophenol
Concen: 0.04 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

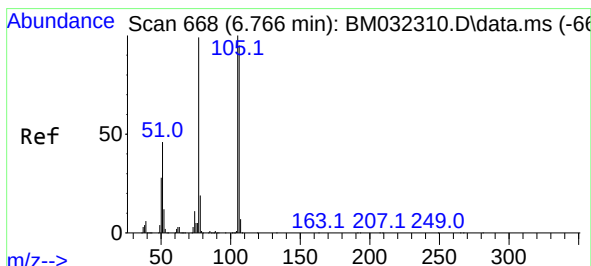
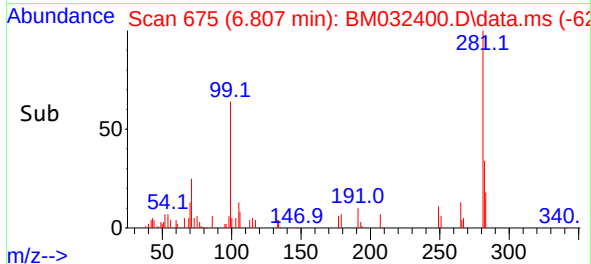
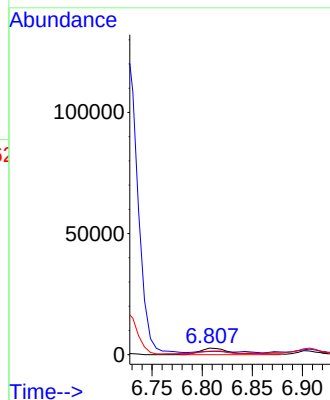
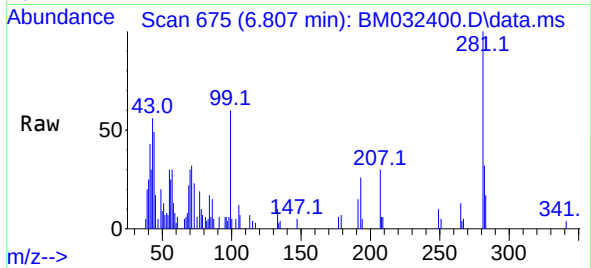




#7
Phenol-d6
Concen: 0.20 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

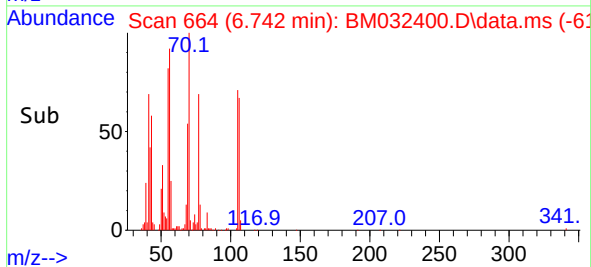
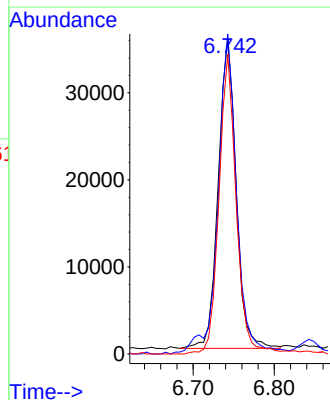
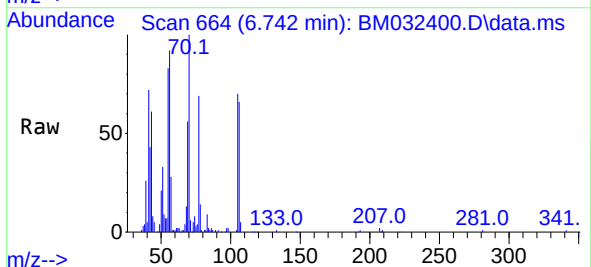
Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

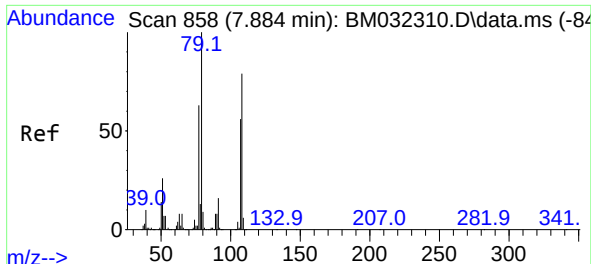
Tgt Ion: 99 Resp: 5958
Ion Ratio Lower Upper
99 100
42 50.0 23.0 34.6#
71 53.3 37.8 56.8



#9
Benzaldehyde
Concen: 3.15 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

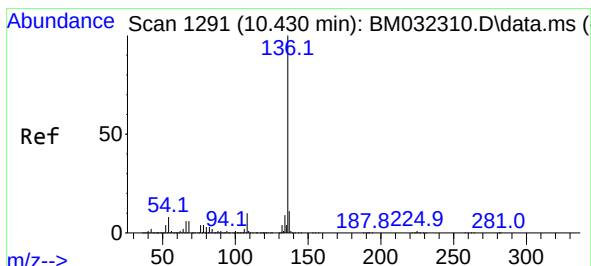
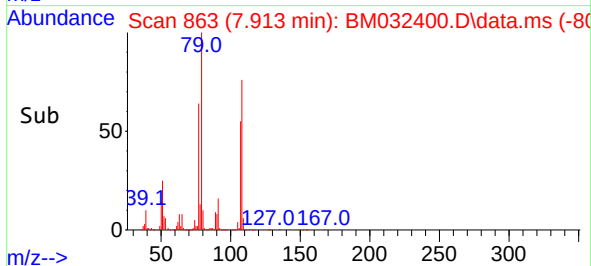
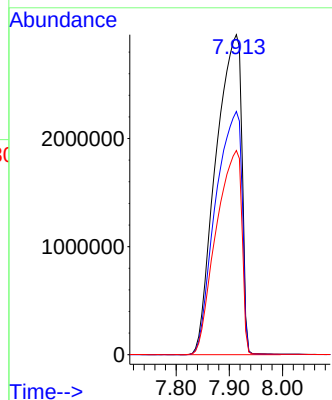
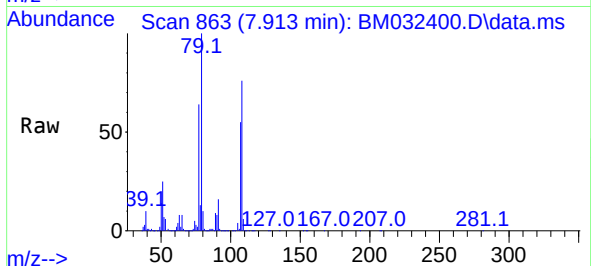




#15
Benzyl Alcohol
Concen: 490.97 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.053 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

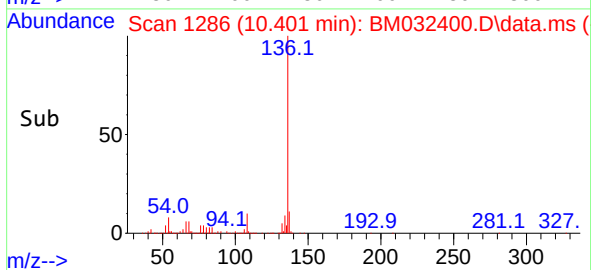
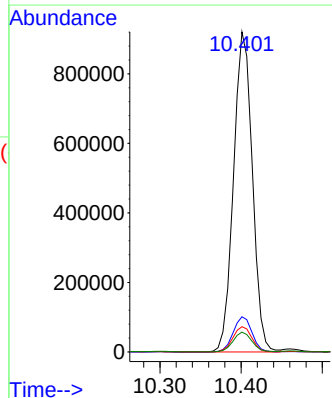
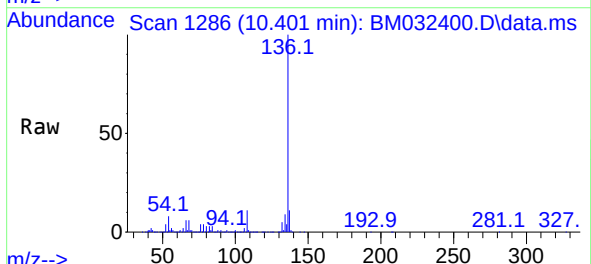
Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

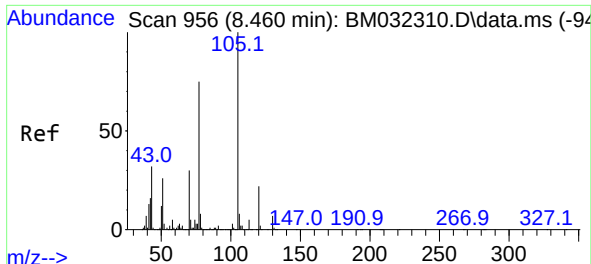
Tgt Ion: 79 Resp: 9984947
Ion Ratio Lower Upper
79 100
108 76.0 53.6 80.4
77 63.8 57.7 86.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

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#

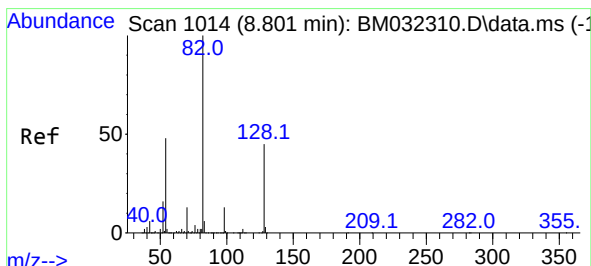
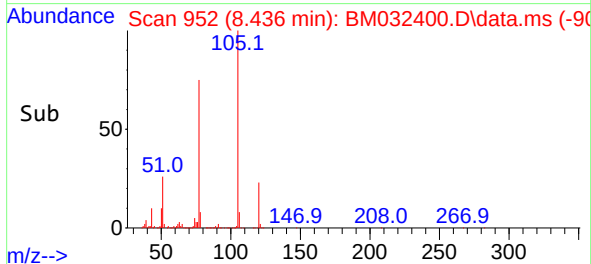
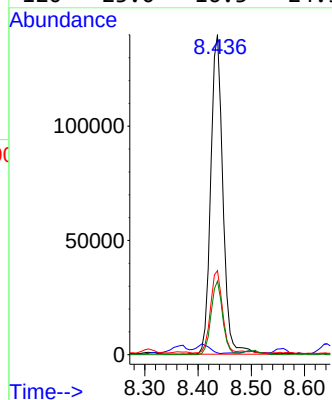
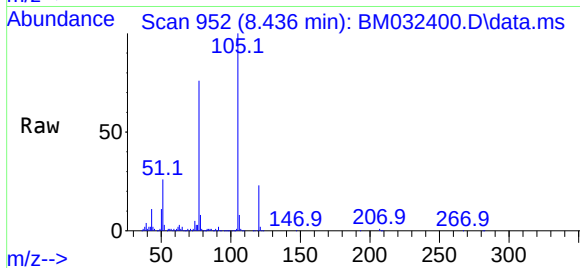




#22
Acetophenone
Concen: 6.24 ng
RT: 8.436 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

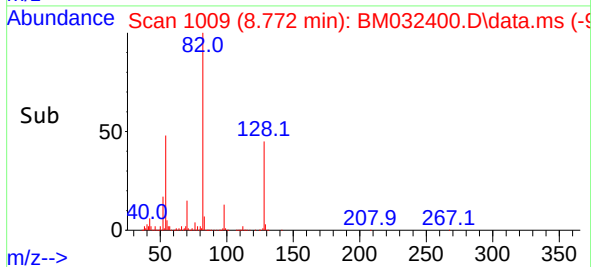
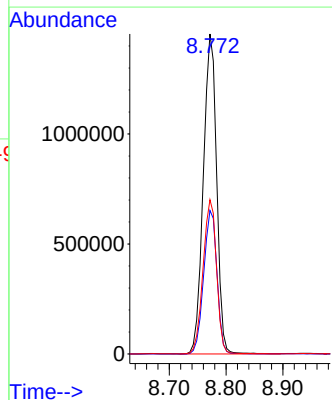
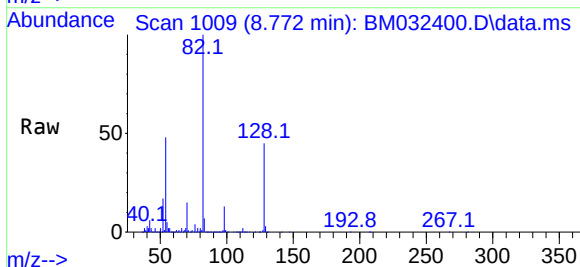
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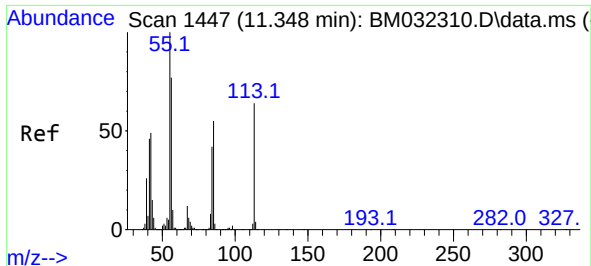
Tgt Ion:105 Resp: 222623
Ion Ratio Lower Upper
105 100
71 0.6 3.8 5.6#
51 26.2 29.5 44.3#
120 23.0 16.3 24.5



#23
Nitrobenzene-d5
Concen: 88.89 ng
RT: 8.772 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

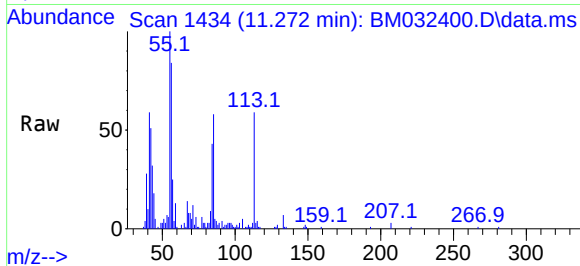
Tgt Ion: 82 Resp: 2366206
Ion Ratio Lower Upper
82 100
128 44.9 29.0 43.6#
54 48.2 45.8 68.8



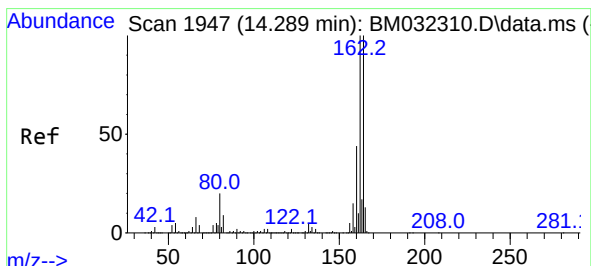
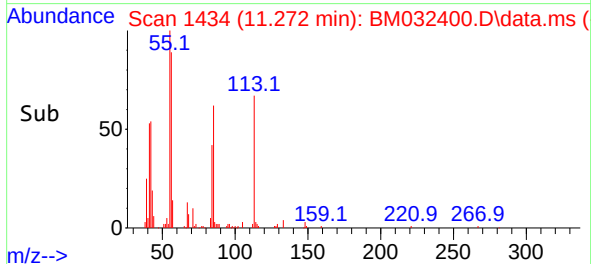
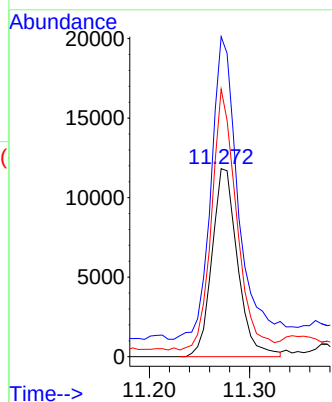


#35
Caprolactam
Concen: 3.05 ng
RT: 11.272 min Scan# 1434
Delta R.T. -0.053 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

Instrument :
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ClientSampleId :
IDW-LIQ-COMP-100721

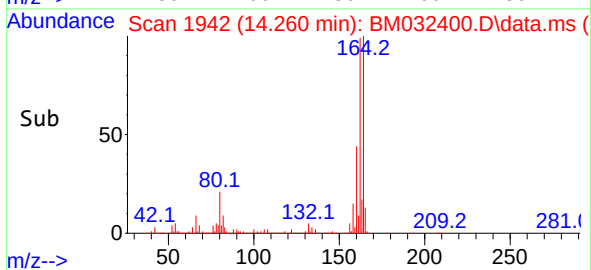
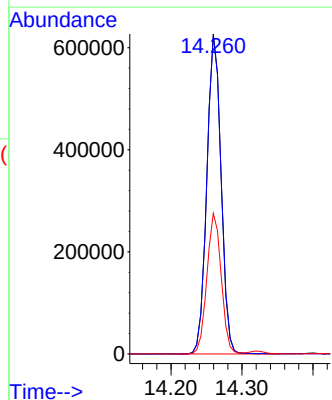
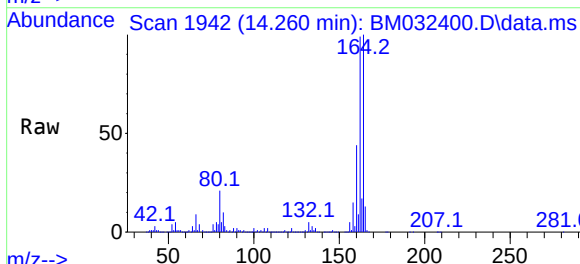


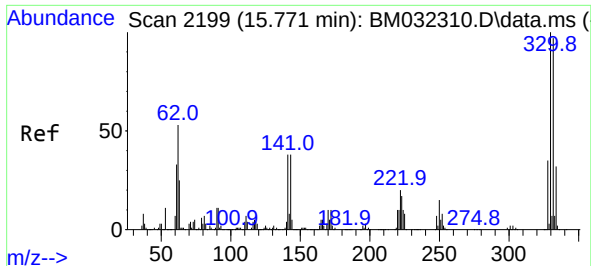
Tgt Ion:113 Resp: 20954
Ion Ratio Lower Upper
113 100
55 170.2 170.5 210.5#
56 142.2 125.2 165.2



#39
Acenaphthene-d10
Concen: 20.00 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

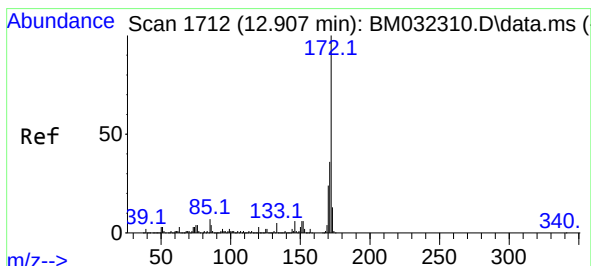
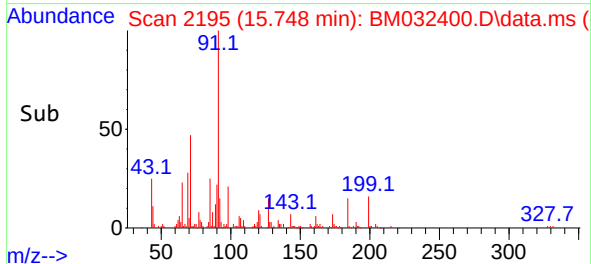
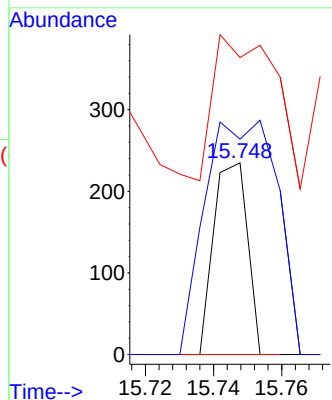
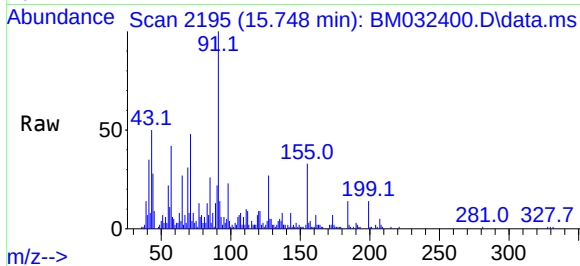




#42
2,4,6-Tribromophenol
Concen: 0.02 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

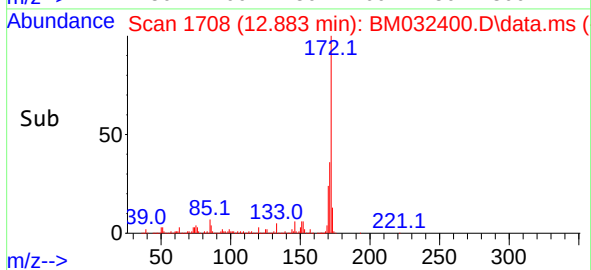
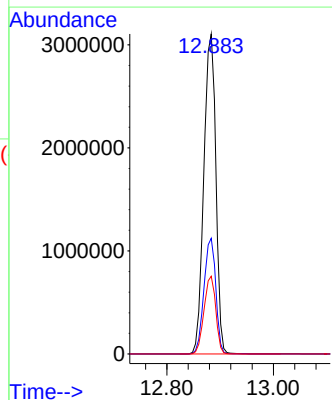
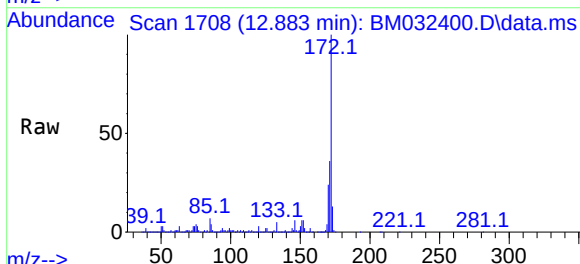
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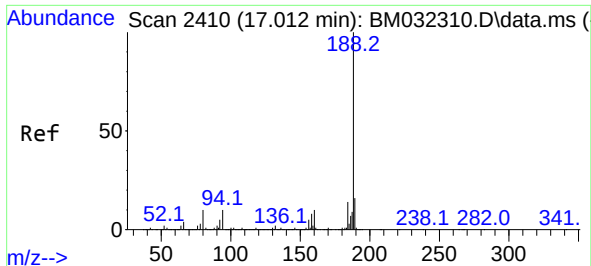
Tgt Ion:330 Resp: 162
Ion Ratio Lower Upper
330 100
332 259.9 75.7 113.5#
141 158.6 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 83.04 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

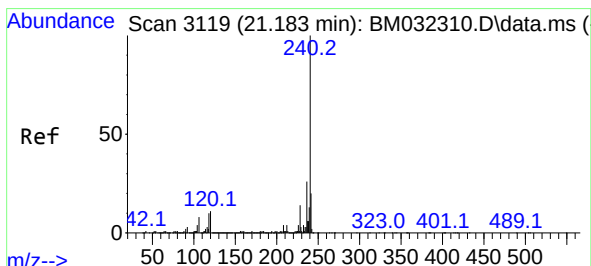
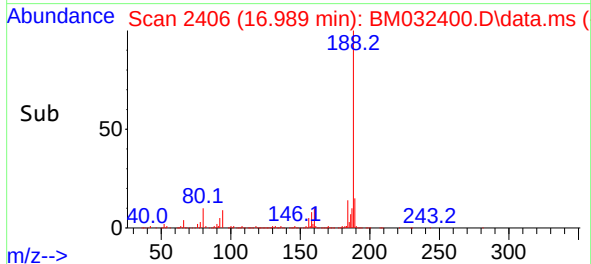
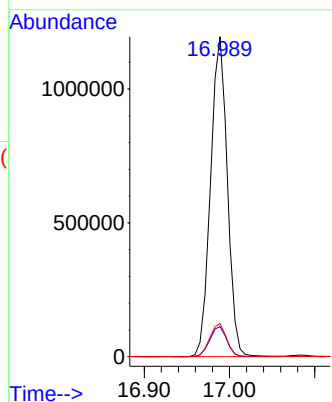
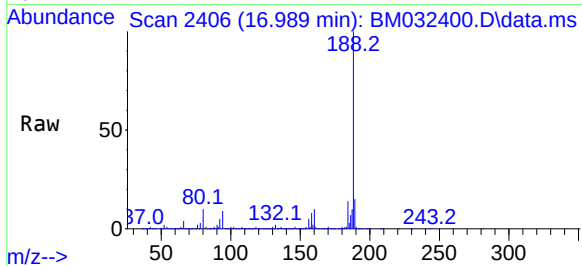




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

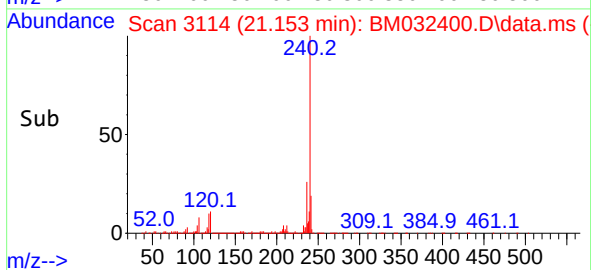
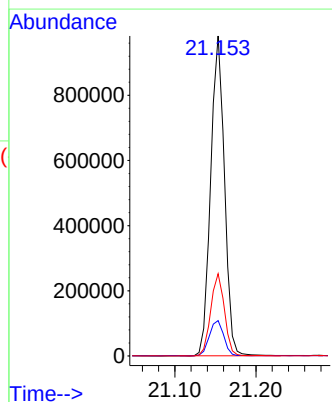
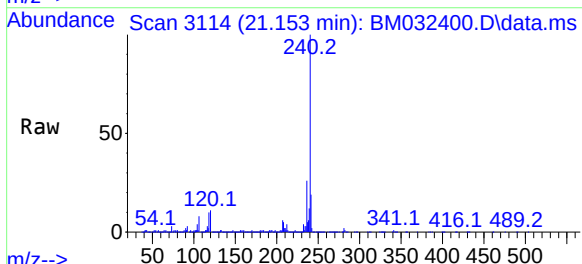
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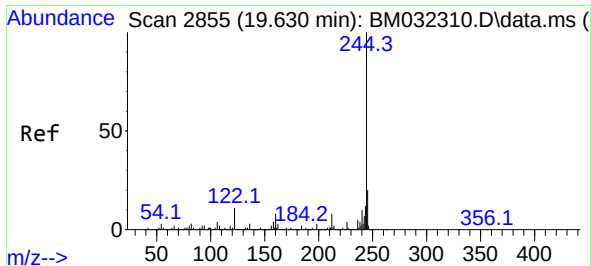
Tgt Ion:188 Resp: 1639314
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.00 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

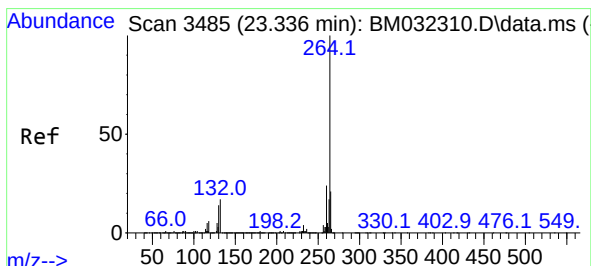
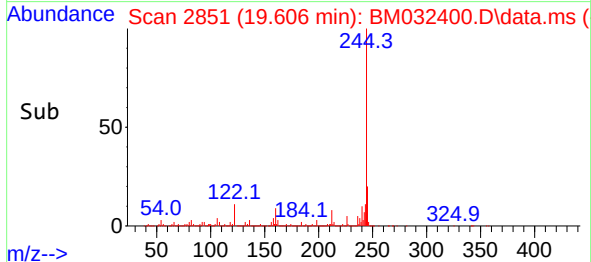
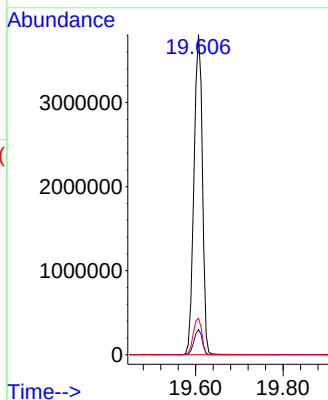
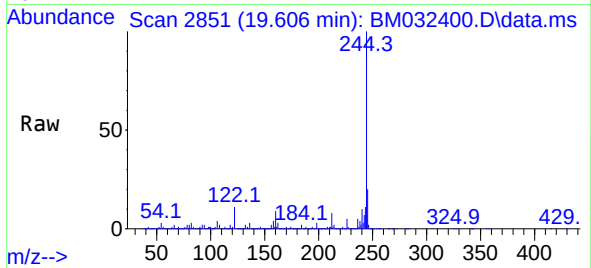




#79
Terphenyl-d14
Concen: 93.13 ng
RT: 19.606 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM032400.D
Acq: 08 Oct 2021 19:18

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: 20.00 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

