

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035847.D
 Acq On : 16 Jul 2022 01:28
 Operator : CG/JU
 Sample : N3730-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 16 03:02:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

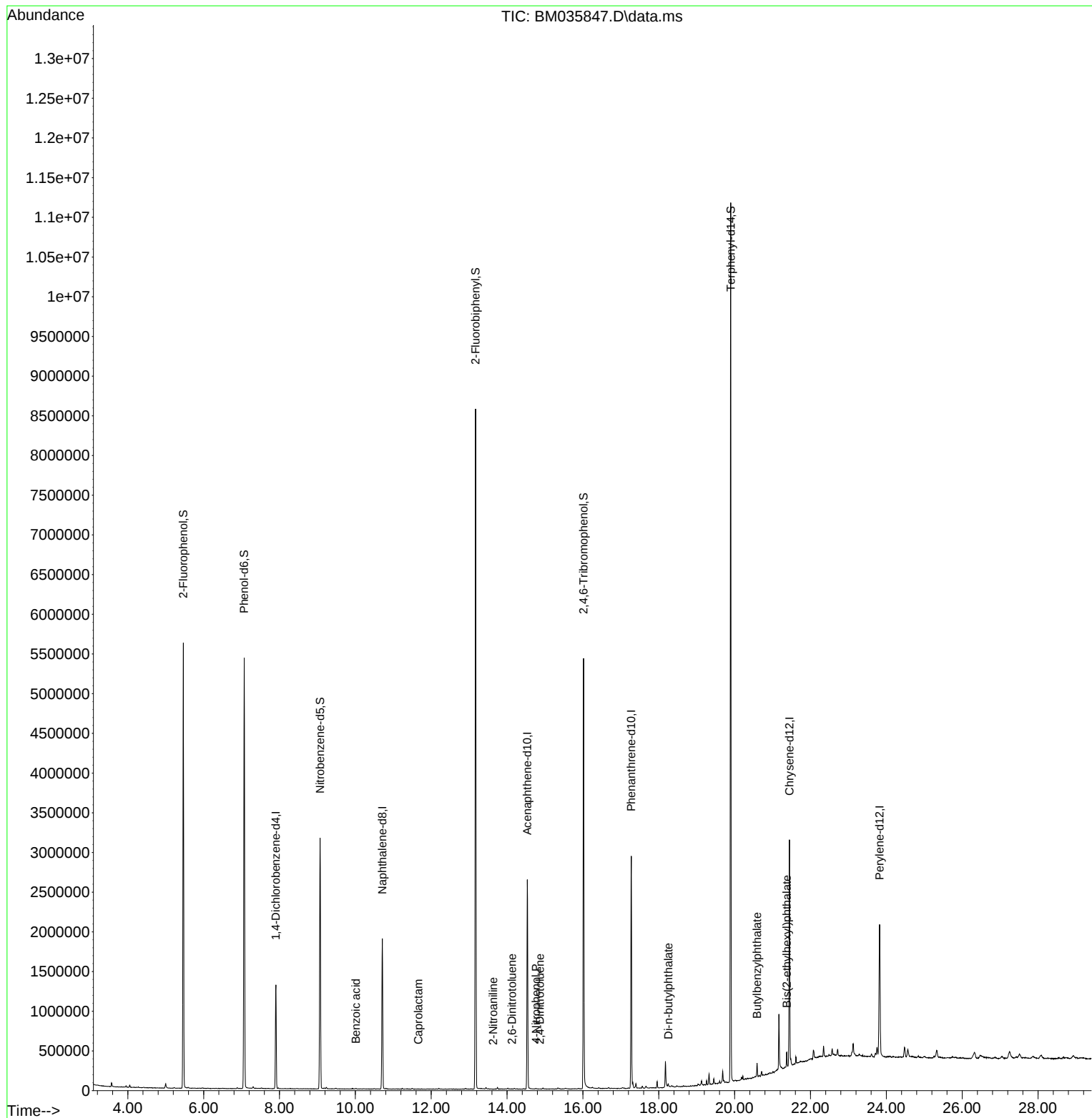
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	347668	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1524703	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	896554	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1682537	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1264422	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1195533	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2326489	108.692	ng	0.00
7) Phenol-d6	7.069	99	2980959	111.339	ng	0.00
23) Nitrobenzene-d5	9.069	82	1764144	66.145	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	983267	107.997	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4037972	62.812	ng	0.00
79) Terphenyl-d14	19.898	244	4972248	76.336	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.016	122	282	8.055	ng	# 14
35) Caprolactam	11.663	113	173	5.123	ng	# 1
48) 2-Nitroaniline	13.633	65	139	3.605	ng	# 5
51) 2,6-Dinitrotoluene	14.127	165	54	2.299	ng	# 20
56) 4-Nitrophenol	14.763	139	81	4.057	ng	# 60
57) 2,4-Dinitrotoluene	14.863	165	198	3.348	ng	# 24
74) Di-n-butylphthalate	18.251	149	24215	2.516	ng	99
80) Butylbenzylphthalate	20.592	149	46082	5.659	ng	94
84) Bis(2-ethylhexyl)phtha...	21.374	149	65470	4.676	ng	98

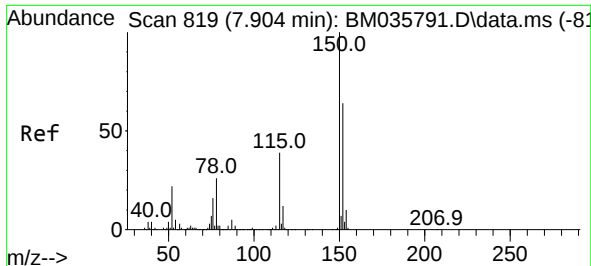
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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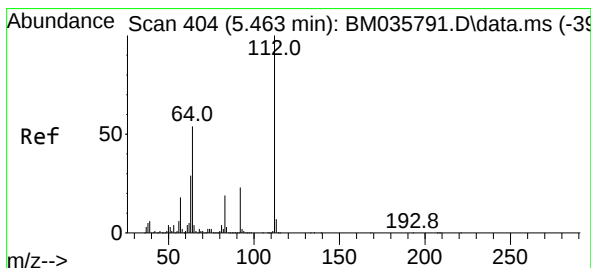
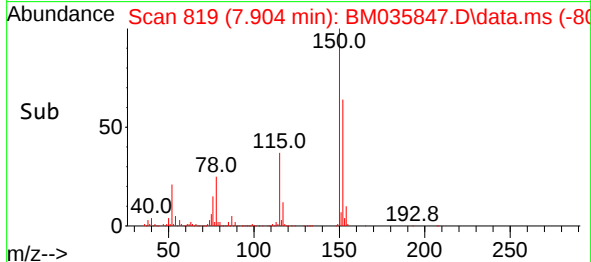
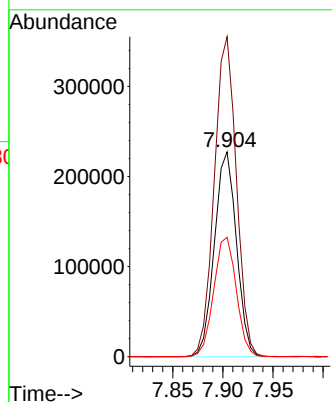
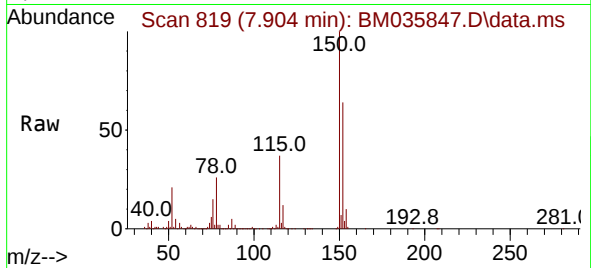




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

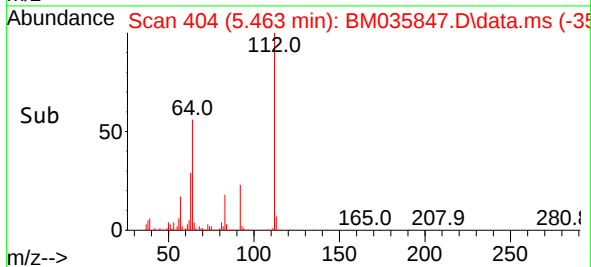
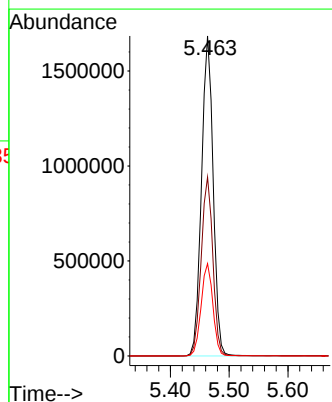
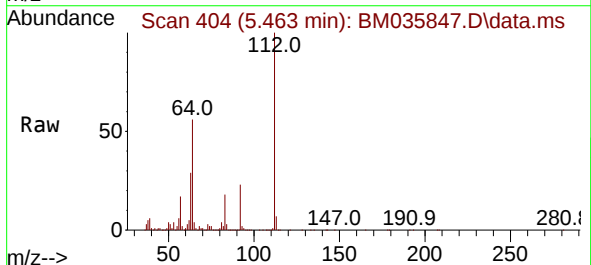
Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

Tgt Ion:152 Resp: 347668
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 108.692 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:112 Resp: 2326489
Ion Ratio Lower Upper
112 100
64 55.9 47.8 71.6
63 28.9 26.6 40.0

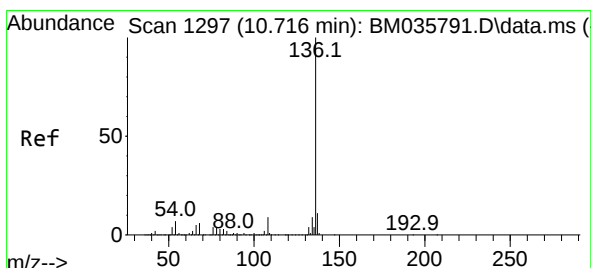
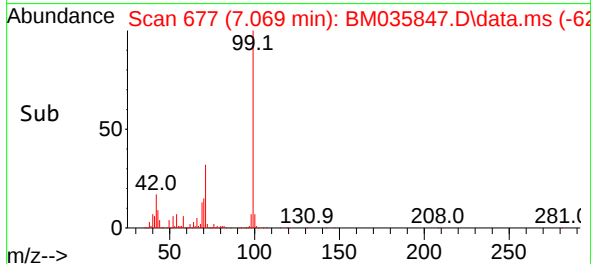
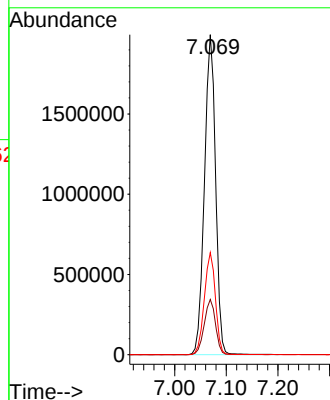
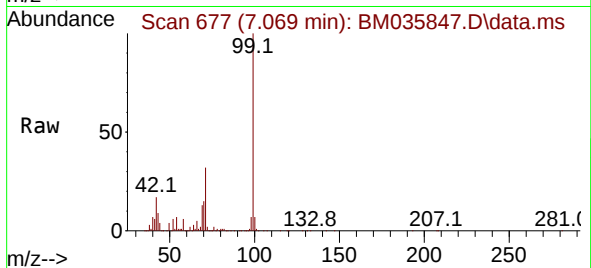




#7
Phenol-d6
Concen: 111.339 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

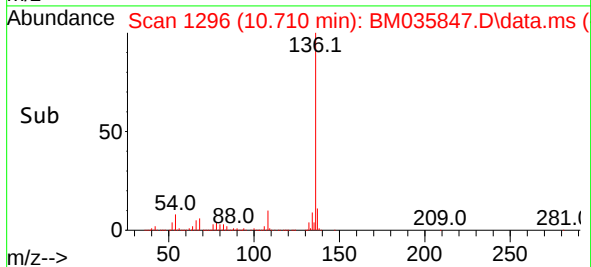
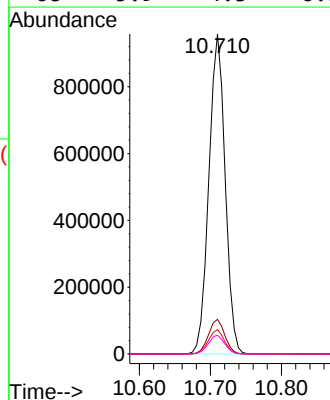
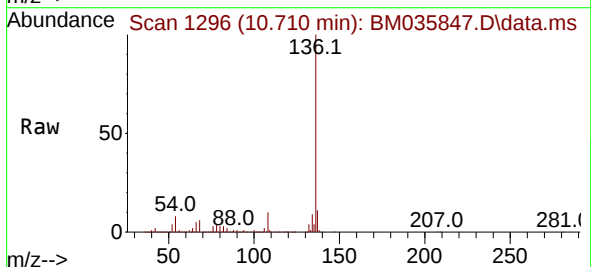
Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

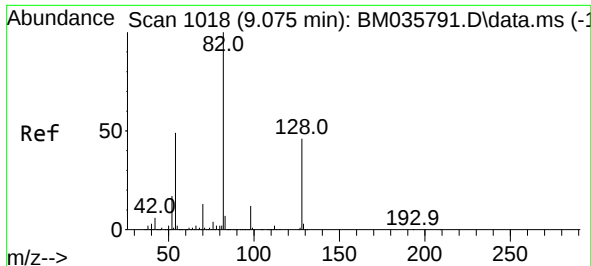
Tgt Ion: 99 Resp: 2980959
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:136 Resp: 1524703
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

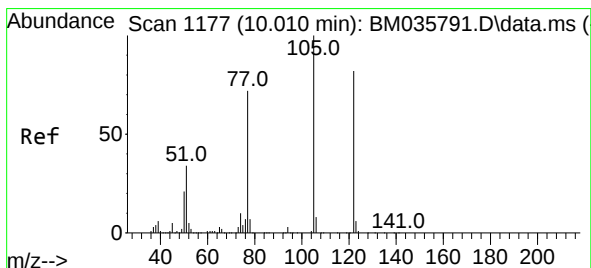
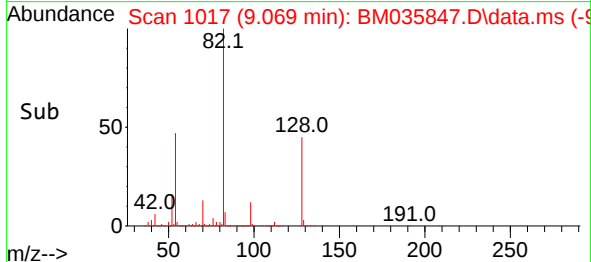
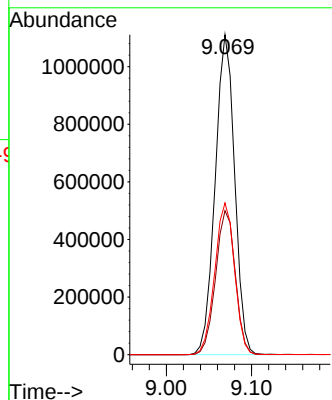
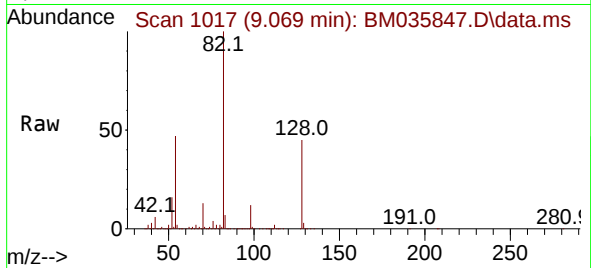




#23
Nitrobenzene-d5
Concen: 66.145 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

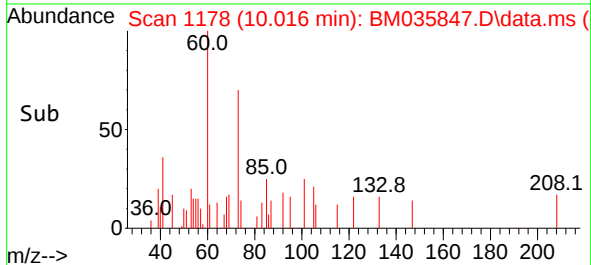
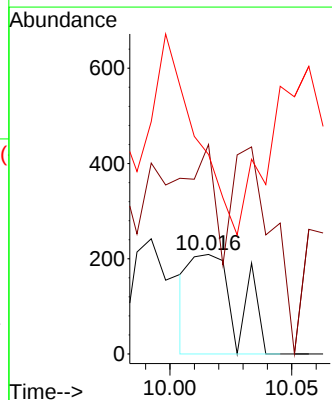
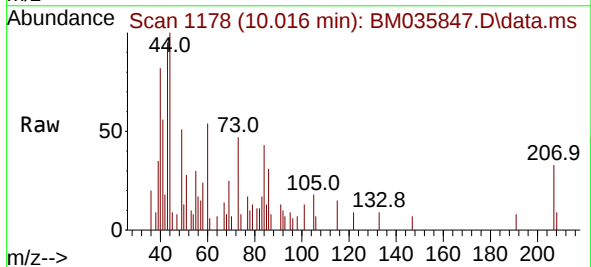
Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

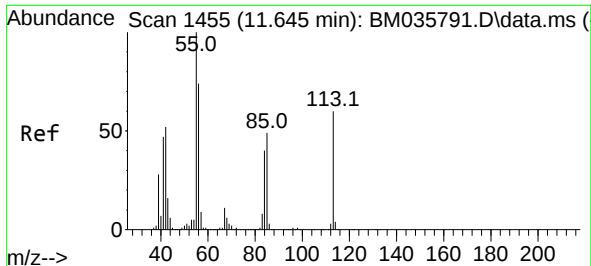
Tgt Ion: 82 Resp: 1764144
Ion Ratio Lower Upper
82 100
128 45.0 33.7 50.5
54 47.4 43.2 64.8



#32
Benzoic acid
Concen: 8.055 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:122 Resp: 282
Ion Ratio Lower Upper
122 100
105 210.5 105.7 145.7#
77 200.5 80.0 120.0#

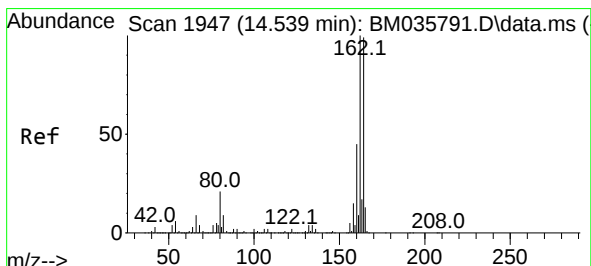
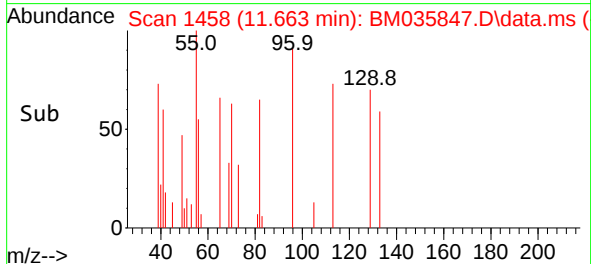
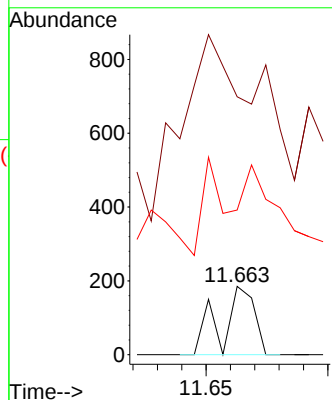
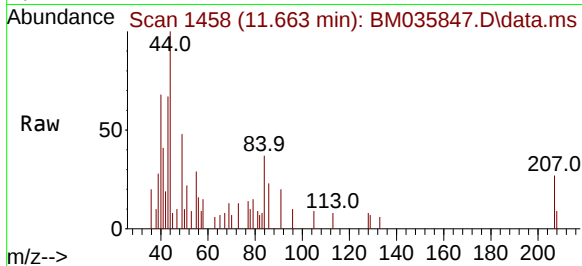




#35
Caprolactam
Concen: 5.123 ng
RT: 11.663 min Scan# 1455
Delta R.T. 0.018 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

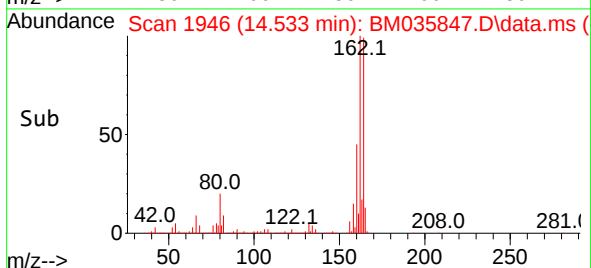
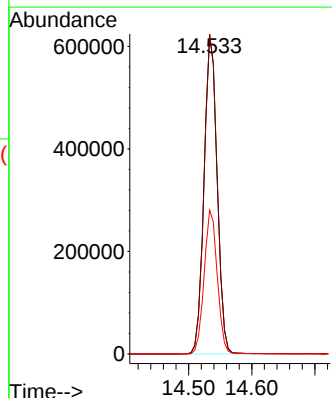
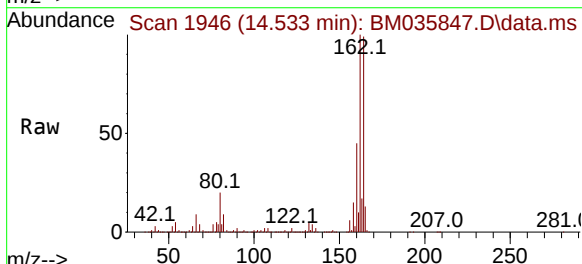
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ClientSampleId :
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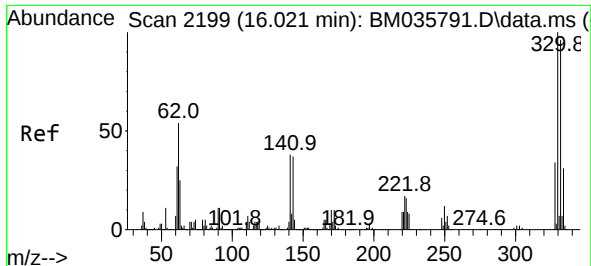
Tgt Ion:113 Resp: 173
Ion Ratio Lower Upper
113 100
55 377.8 150.1 190.1#
56 211.9 111.7 151.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:164 Resp: 896554
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.6
160 45.2 37.0 55.4

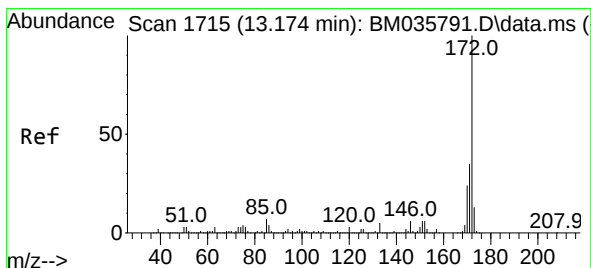
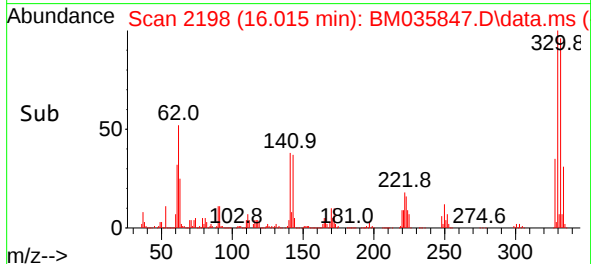
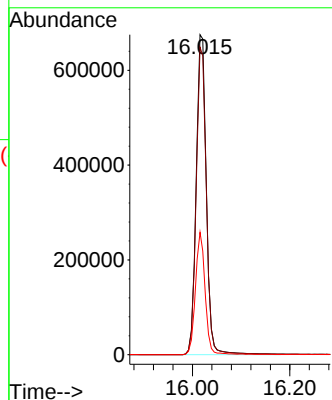
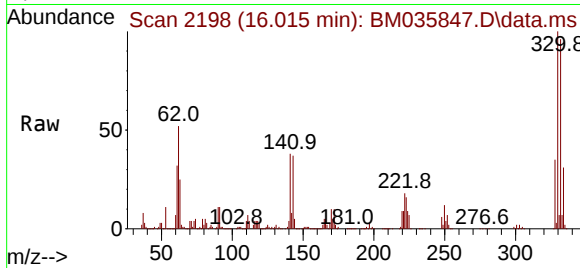




#42
2,4,6-Tribromophenol
Concen: 107.997 ng
RT: 16.015 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

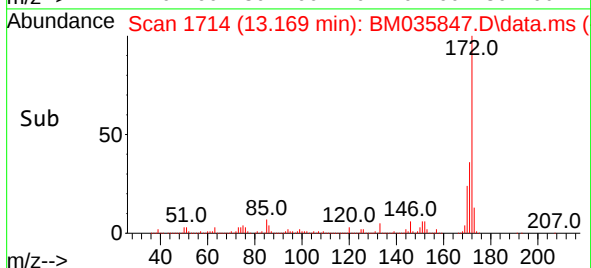
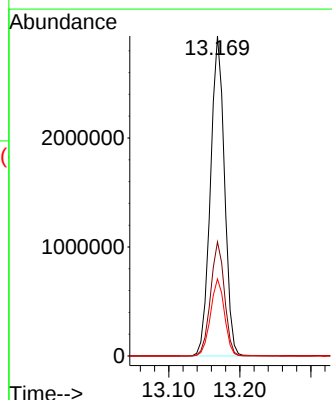
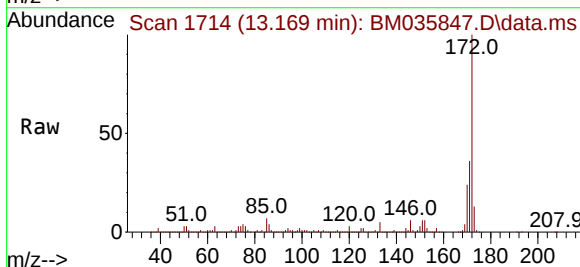
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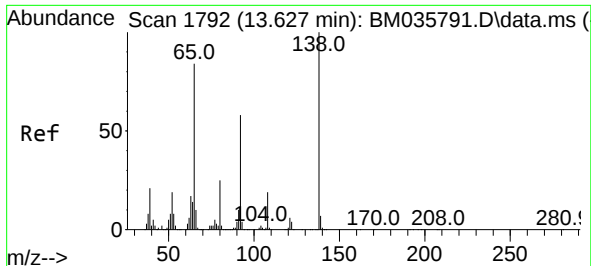
Tgt Ion:330 Resp: 983267
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 36.4 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 62.812 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:172 Resp: 4037972
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.1 18.7 28.1

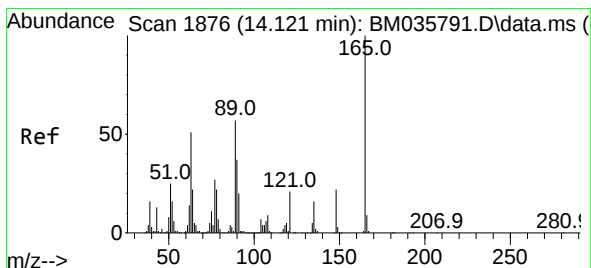
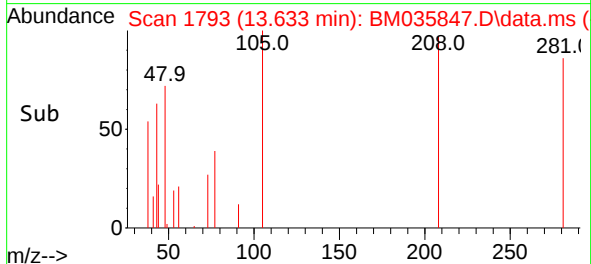
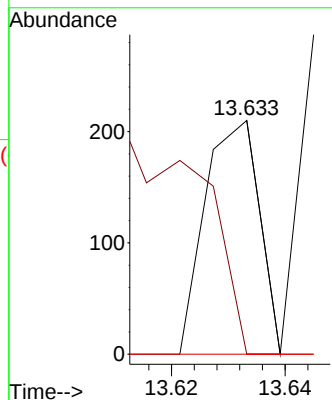
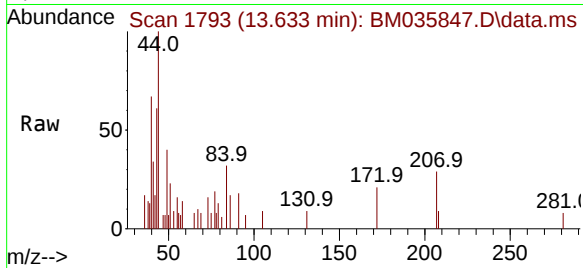




#48
2-Nitroaniline
Concen: 3.605 ng
RT: 13.633 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

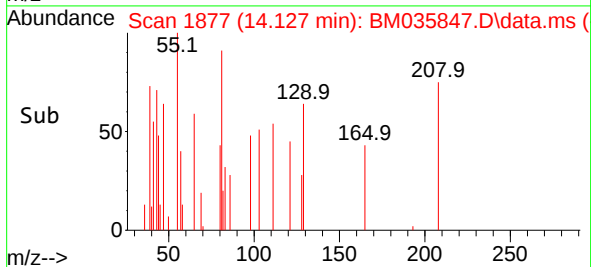
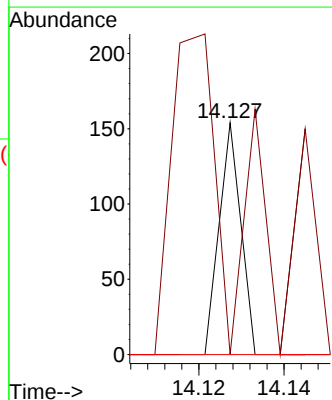
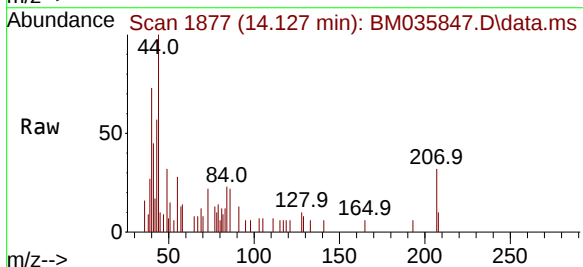
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ClientSampleId :
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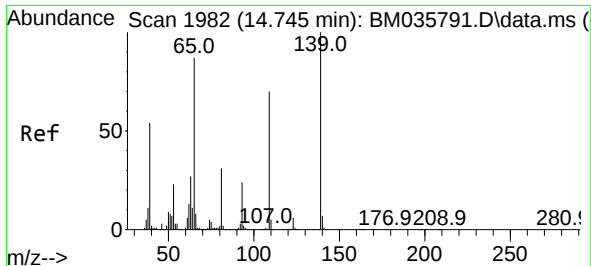
Tgt Ion: 65 Resp: 139
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.299 ng
RT: 14.127 min Scan# 1877
Delta R.T. 0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion: 165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 50.2 75.2#
89 0.0 48.4 72.6#

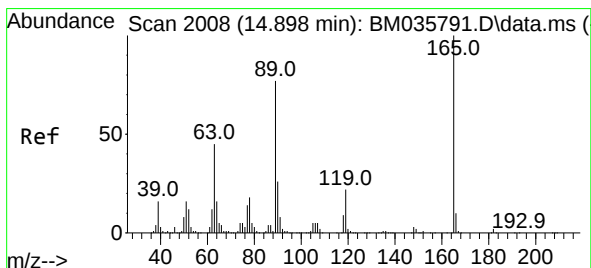
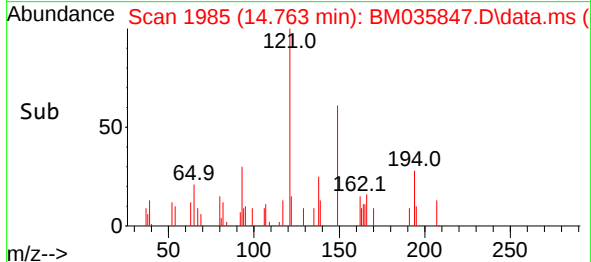
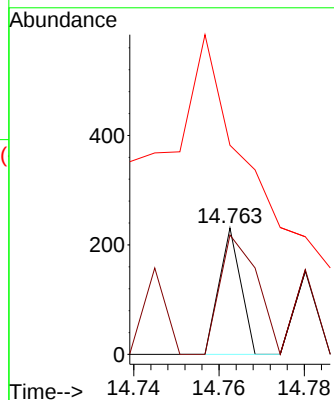
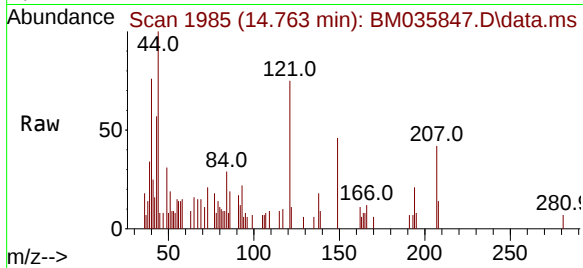




#56
4-Nitrophenol
Concen: 4.057 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.018 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

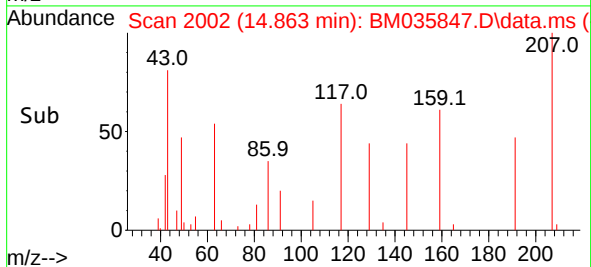
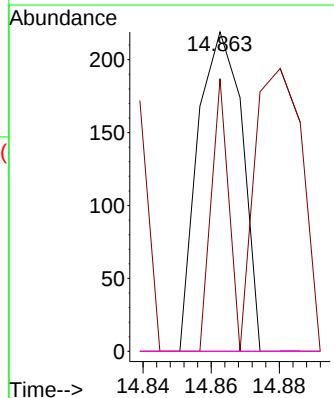
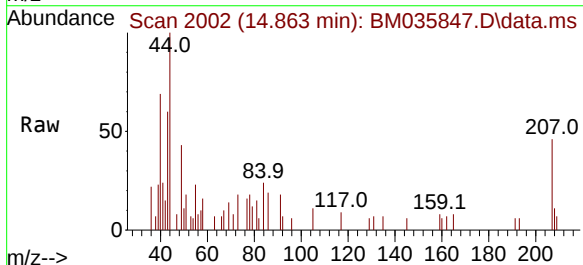
Instrument :
BNA_M
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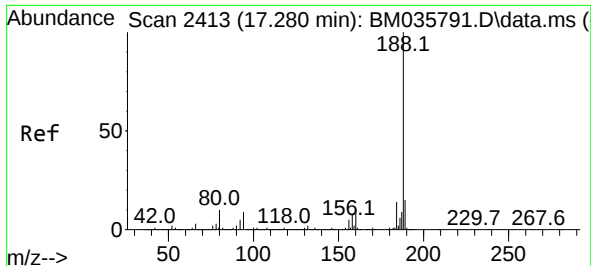
Tgt Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 94.4 62.5 102.5
65 165.4 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.348 ng
RT: 14.863 min Scan# 2002
Delta R.T. -0.035 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:165 Resp: 198
Ion Ratio Lower Upper
165 100
63 85.4 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

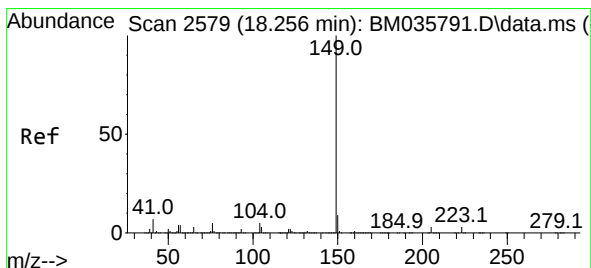
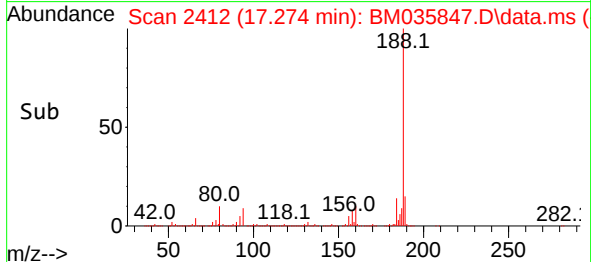
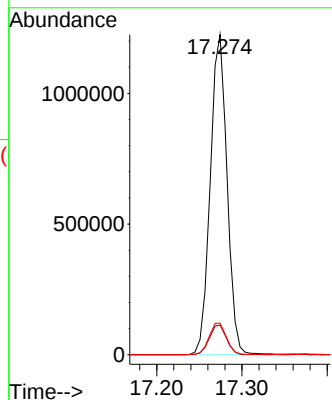
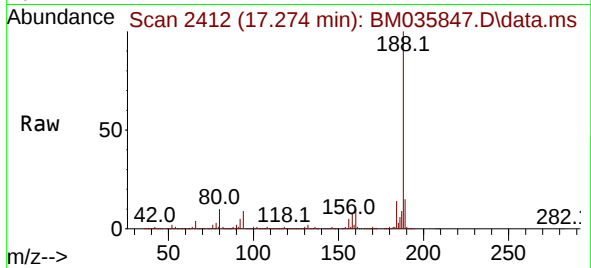




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

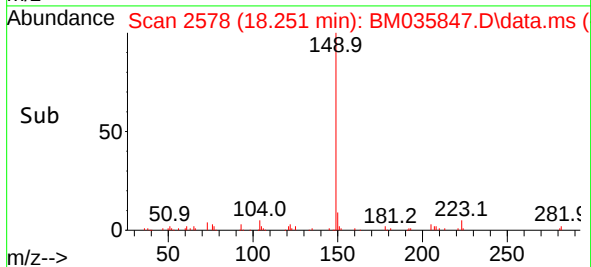
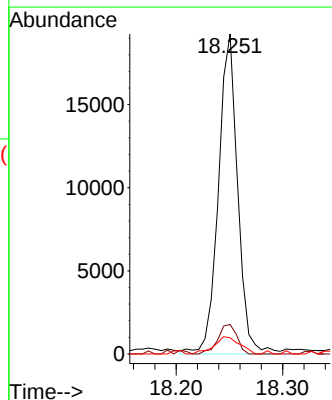
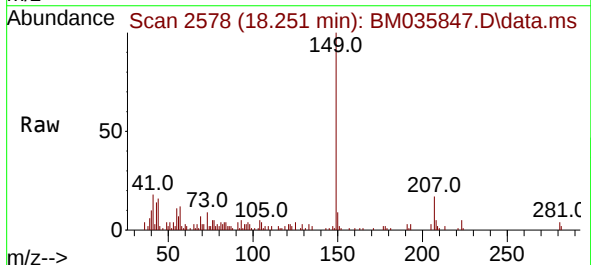
Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

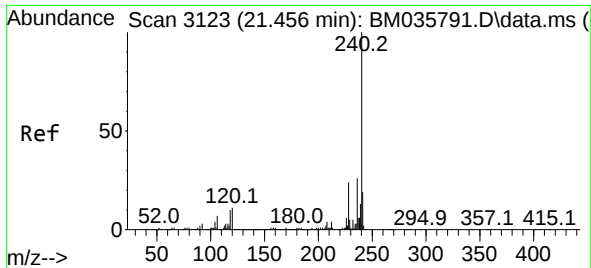
Tgt Ion:188 Resp: 1682537
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.9 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.516 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:149 Resp: 24215
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.0 4.3 6.5

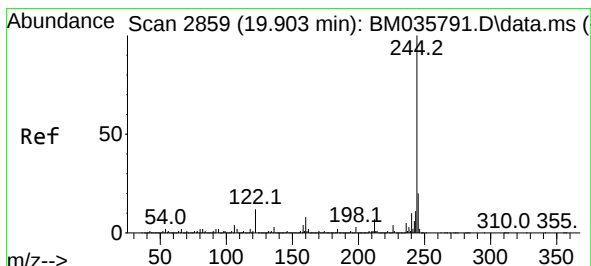
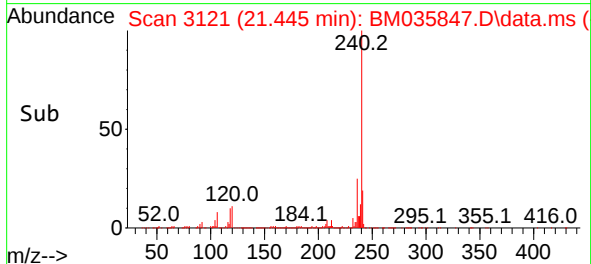
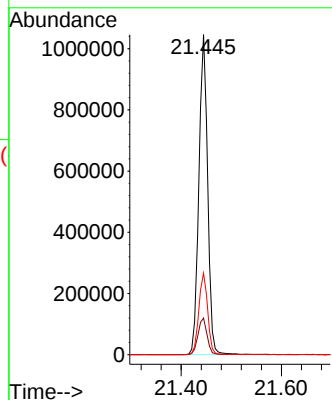
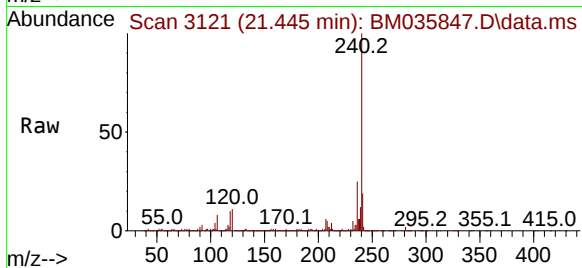




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

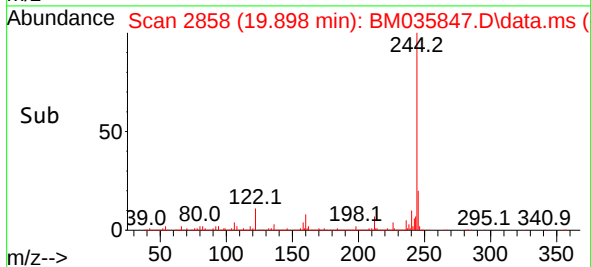
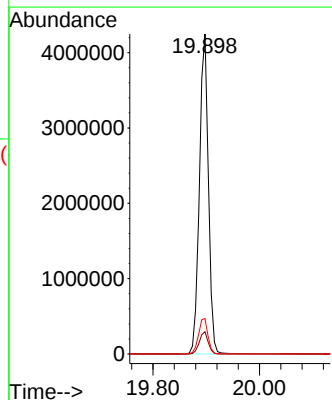
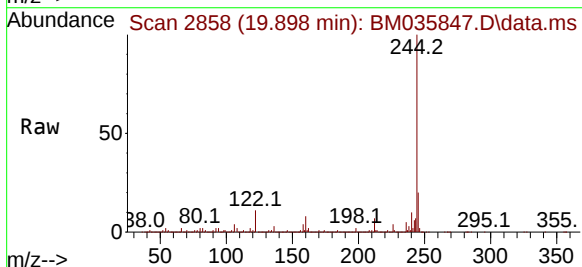
Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

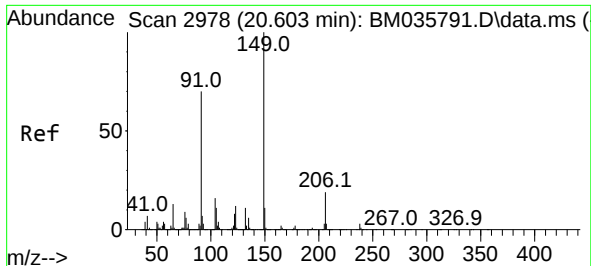
Tgt Ion:240 Resp: 1264422
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 25.5 20.6 30.8



#79
Terphenyl-d14
Concen: 76.336 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:244 Resp: 4972248
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 11.1 8.3 12.5

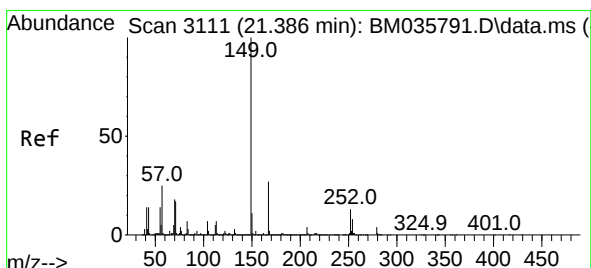
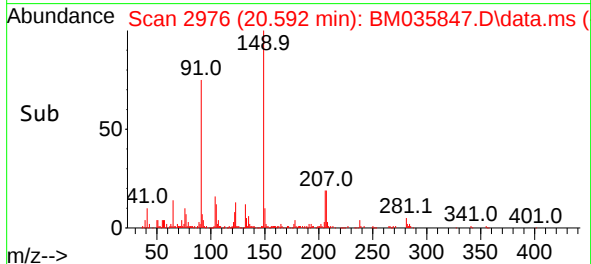
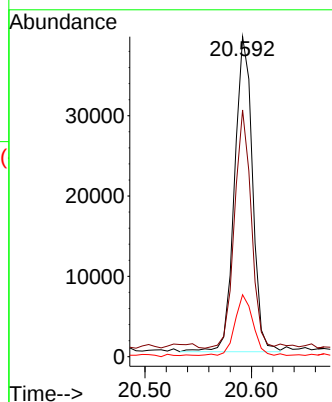
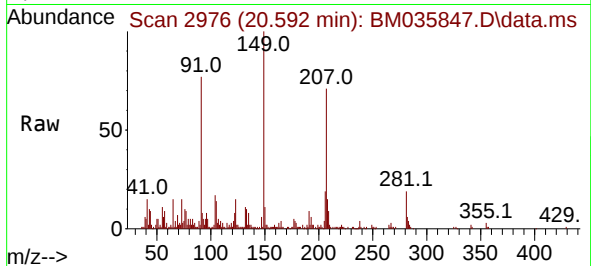




#80
Butylbenzylphthalate
Concen: 5.659 ng
RT: 20.592 min Scan# 2976
Delta R.T. -0.011 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

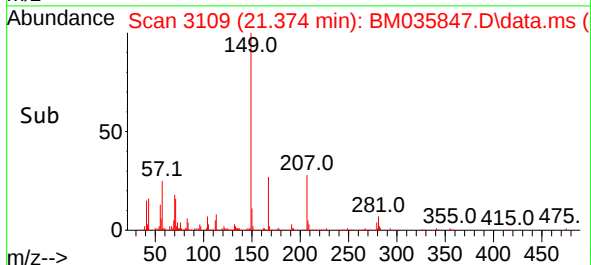
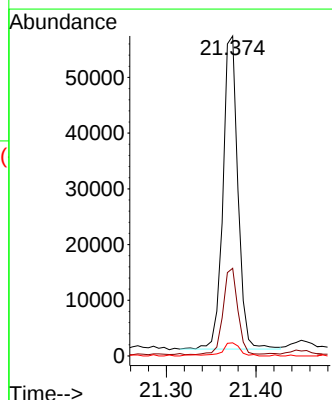
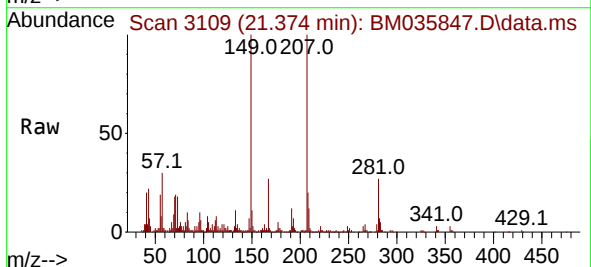
Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

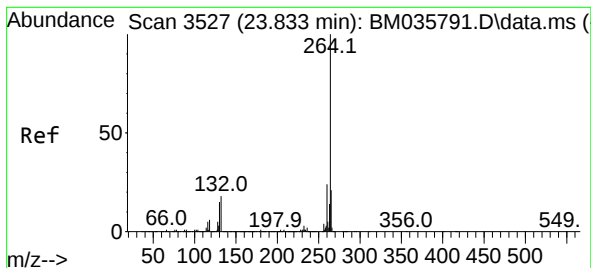
Tgt Ion:149 Resp: 46082
Ion Ratio Lower Upper
149 100
91 77.1 56.6 85.0
206 19.4 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.676 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035847.D
Acq: 16 Jul 2022 01:28

Tgt Ion:149 Resp: 65470
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 4.1 2.8 4.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035847.D

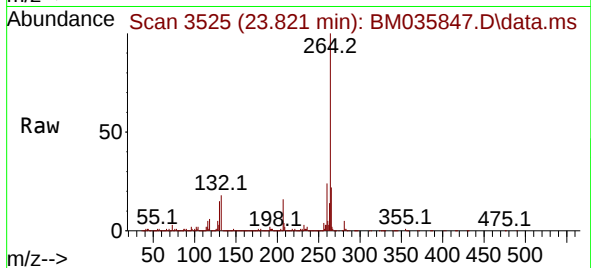
Acq: 16 Jul 2022 01:28

Instrument :

BNA_M

ClientSampleId :

SB-04-COMP



Tgt Ion:264 Resp: 1195533

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.6 17.5 26.3

