

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
 Data File : BM030344.D
 Acq On : 09 Jun 2021 16:08
 Operator : CG/JU
 Sample : M2613-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(130-134)

Quant Time: Jun 09 16:51:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 08 20:51:08 2021
 Response via : Initial Calibration

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

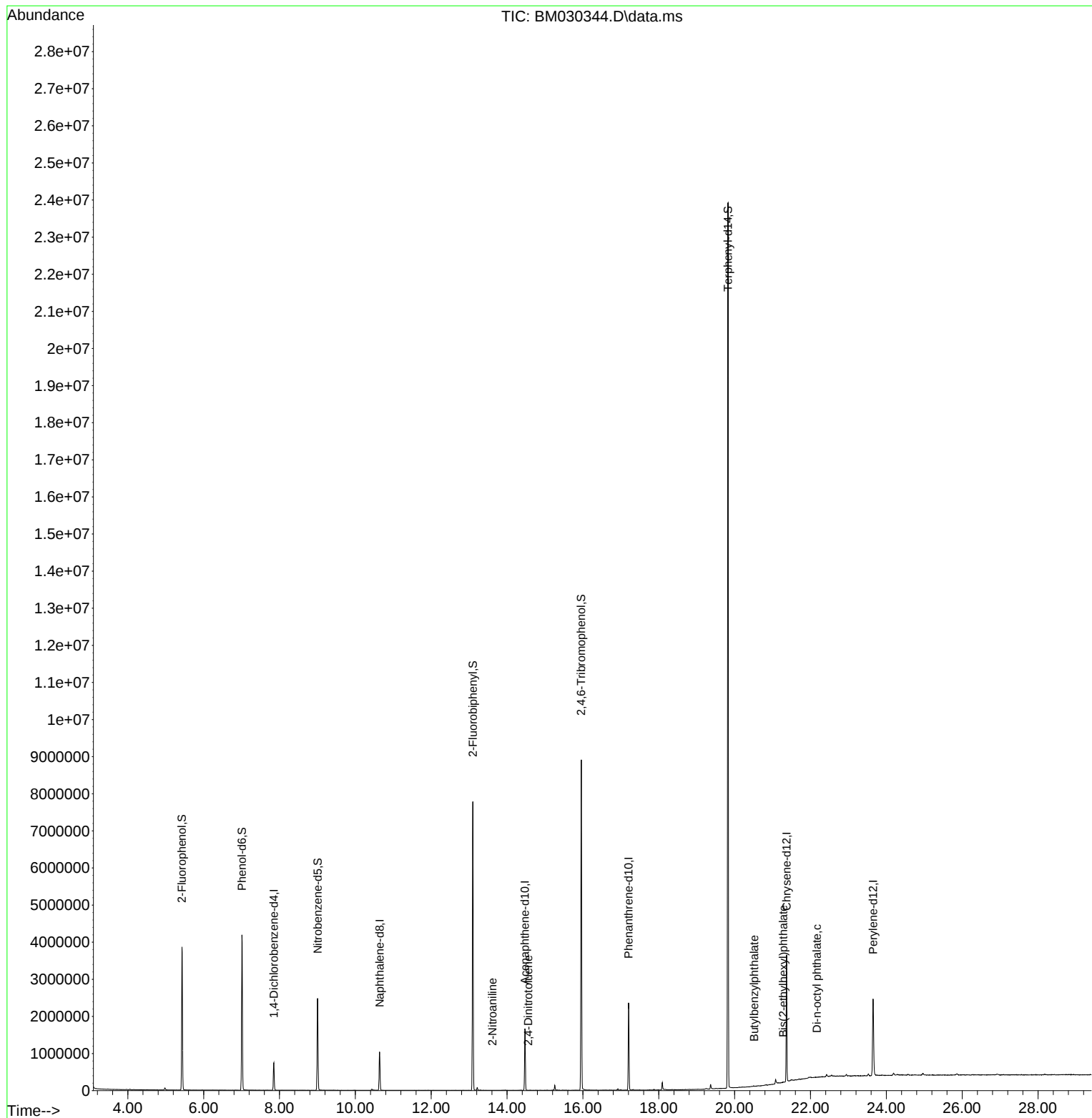
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	205318	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	848156	20.000	ng	# 0.00
39) Acenaphthene-d10	14.469	164	582744	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1364595	20.000	ng	# 0.00
76) Chrysene-d12	21.368	240	1556460	20.000	ng	0.00
86) Perylene-d12	23.650	264	1393324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1593312	126.155	ng	0.00
7) Phenol-d6	7.010	99	2267603	124.025	ng	0.00
23) Nitrobenzene-d5	9.004	82	1386627	79.647	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1488917	203.218	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3817582	86.150	ng	0.00
79) Terphenyl-d14	19.827	244	10271907	115.917	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.616	65	60	4.025	ng	# 4
57) 2,4-Dinitrotoluene	14.557	165	59	2.999	ng	# 24
80) Butylbenzylphthalate	20.515	149	549	4.316	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.280	149	3606	4.319	ng	95
85) Di-n-octyl phthalate	22.168	149	317	4.168	ng	# 51

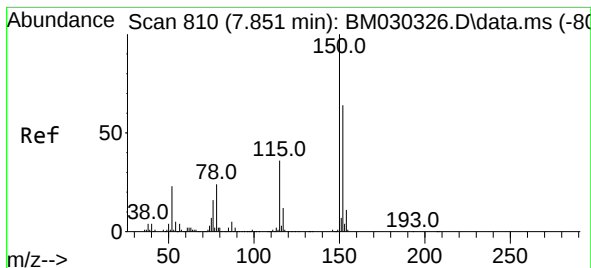
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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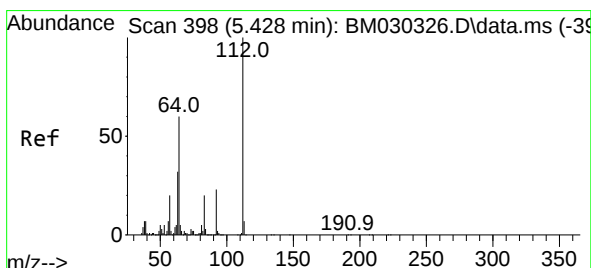
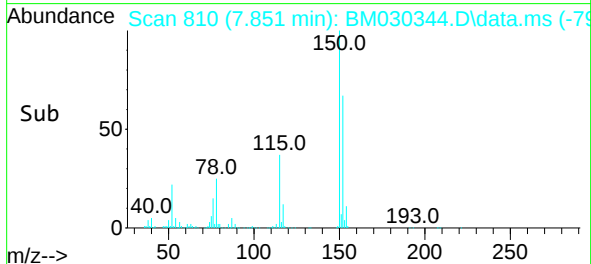
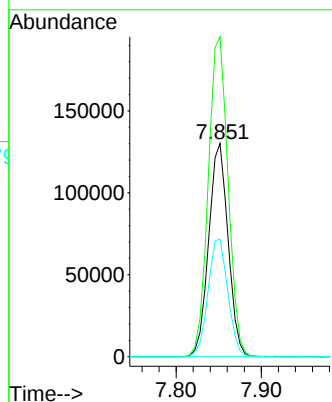
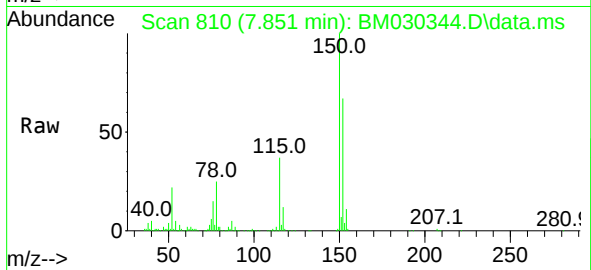




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

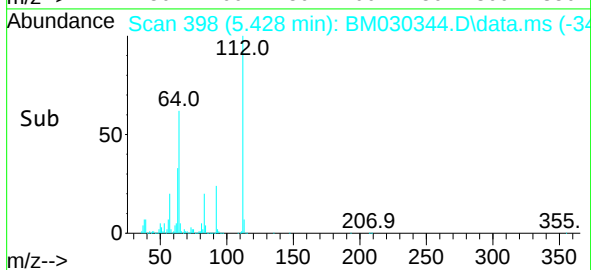
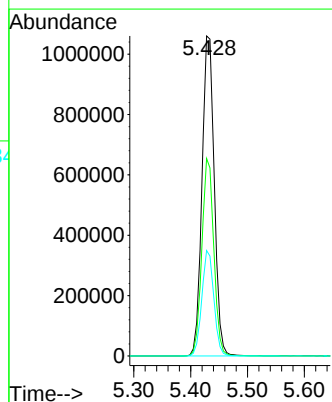
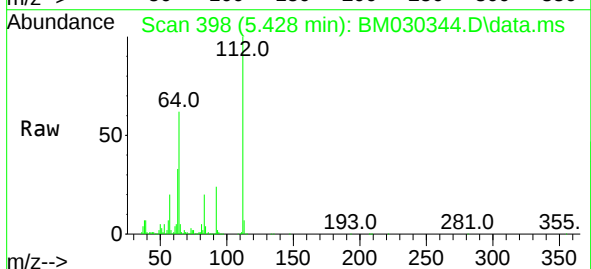
Instrument :
BNA_M
ClientSampleId :
18-B12(130-134)

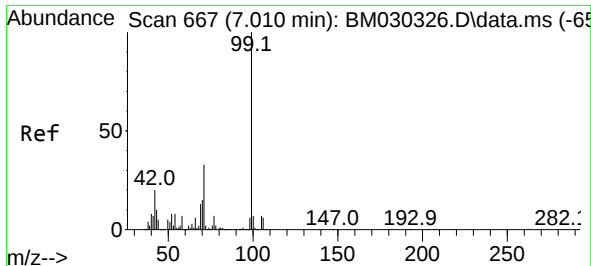
Tgt Ion:152 Resp: 205318
Ion Ratio Lower Upper
152 100
150 150.1 125.9 188.9
115 55.2 44.6 67.0



#5
2-Fluorophenol
Concen: 126.155 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion:112 Resp: 1593312
Ion Ratio Lower Upper
112 100
64 61.7 47.1 70.7
63 32.9 27.3 40.9



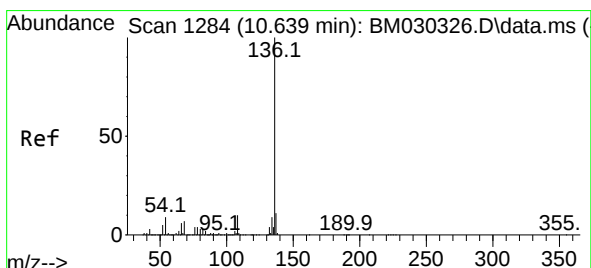
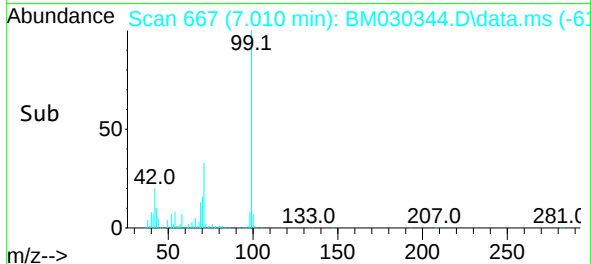
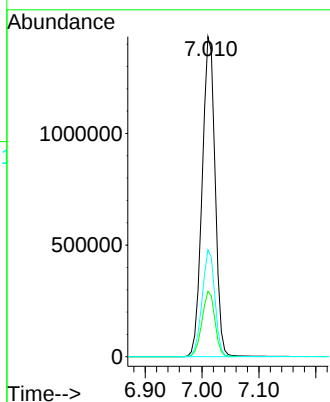
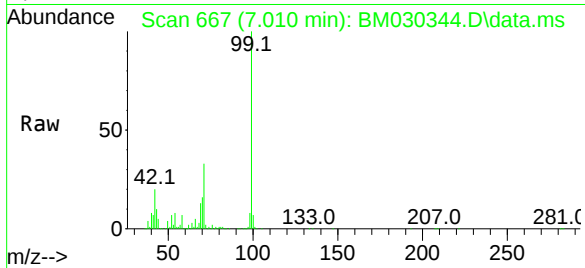


#7
Phenol-d6
Concen: 124.025 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Instrument :
BNA_M
ClientSampleId :
18-B12(130-134)

Tgt Ion: 99 Resp: 2267603

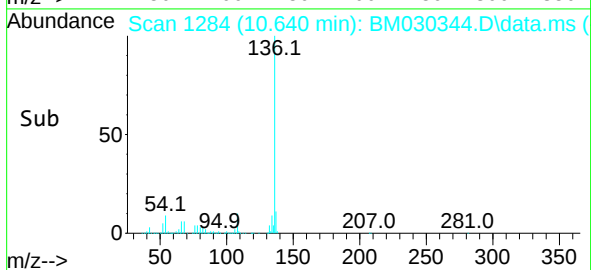
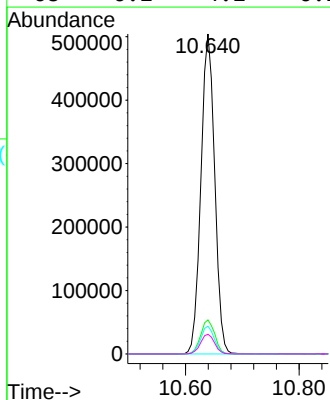
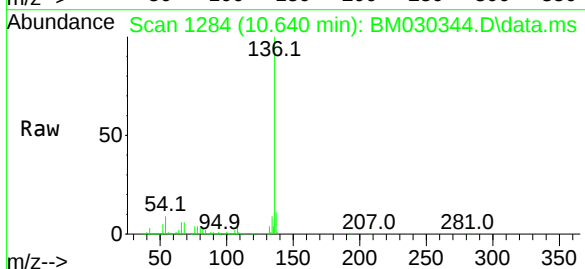
Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.0	27.0
71	33.4	30.9	46.3

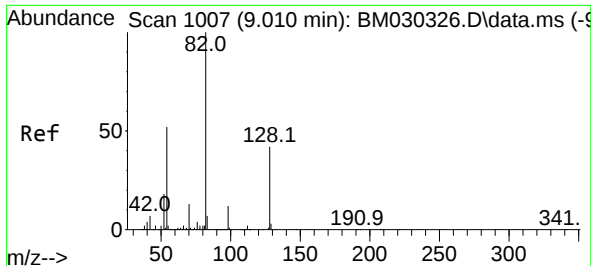


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1284
Delta R.T. 0.001 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion: 136 Resp: 848156

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.7	5.5	8.3
68	6.2	4.2	6.2

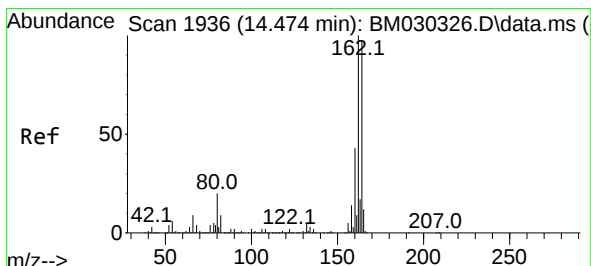
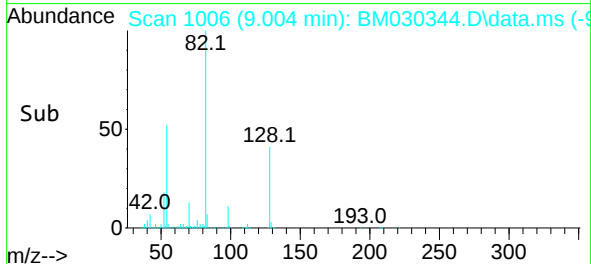
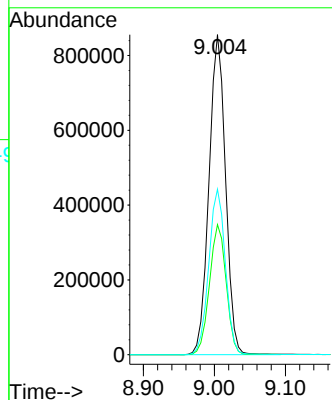
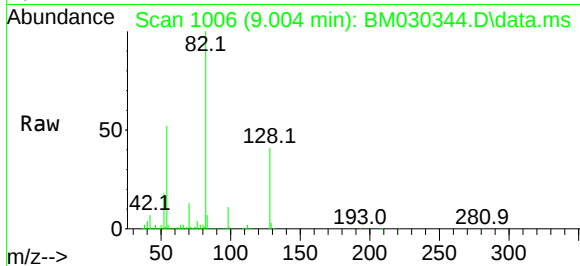




#23
Nitrobenzene-d5
Concen: 79.647 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

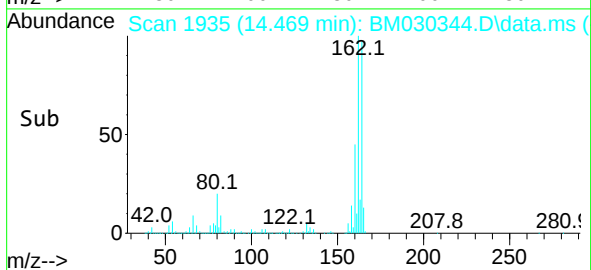
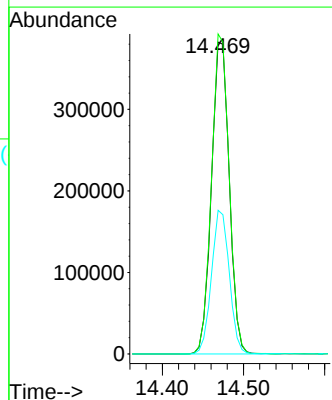
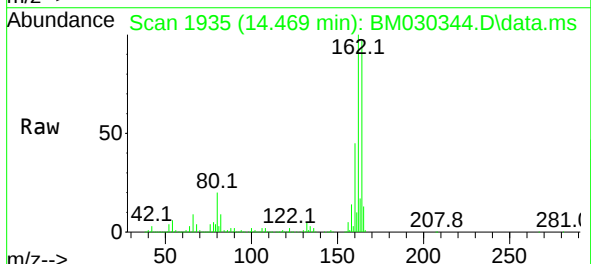
Instrument :
BNA_M
ClientSampleId :
18-B12(130-134)

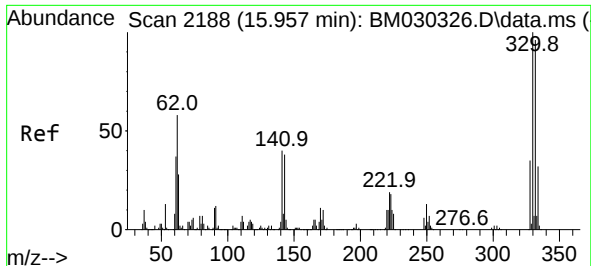
Tgt Ion: 82 Resp: 1386627
Ion Ratio Lower Upper
82 100
128 40.7 31.1 46.7
54 51.7 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion: 164 Resp: 582744
Ion Ratio Lower Upper
164 100
162 102.6 83.4 125.0
160 46.1 37.2 55.8

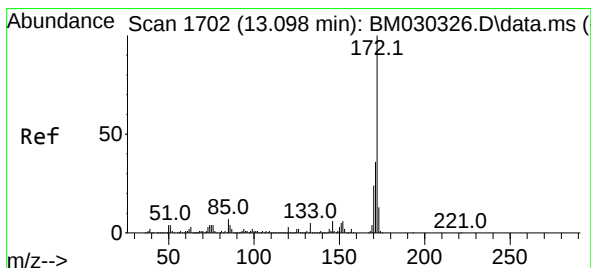
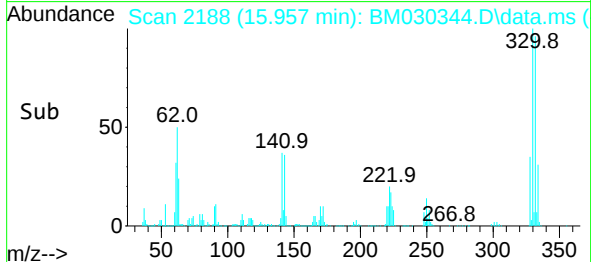
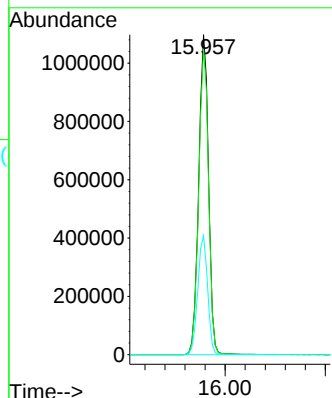
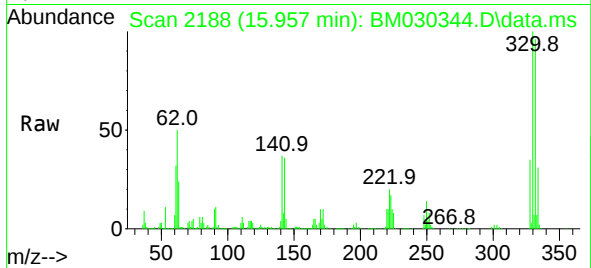




#42
2,4,6-Tribromophenol
Concen: 203.218 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

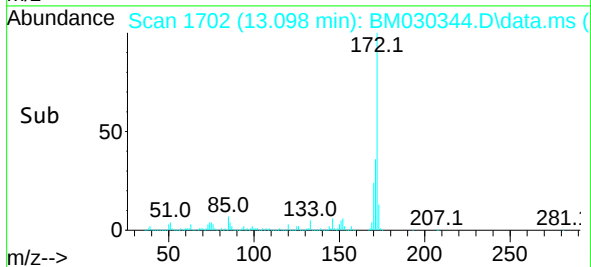
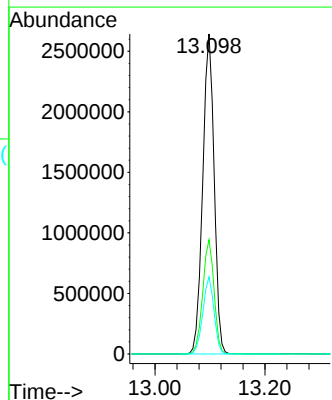
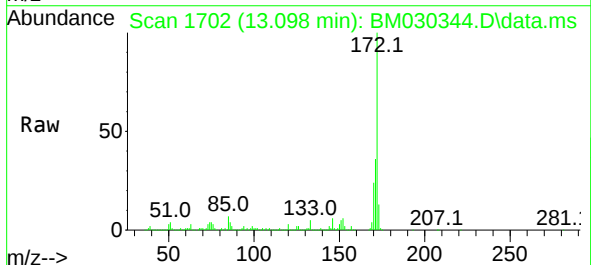
Instrument :
BNA_M
ClientSampleId :
18-B12(130-134)

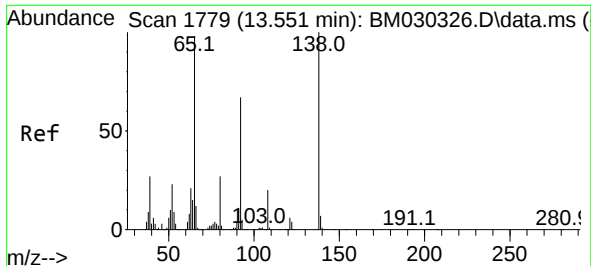
Tgt Ion:330 Resp: 1488917
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 37.4 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 86.150 ng
RT: 13.098 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion:172 Resp: 3817582
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.1 18.4 27.6

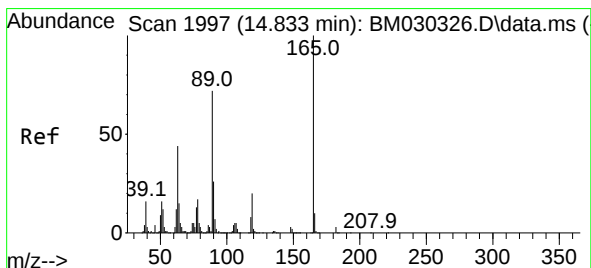
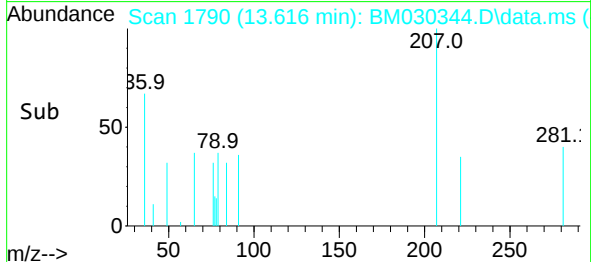
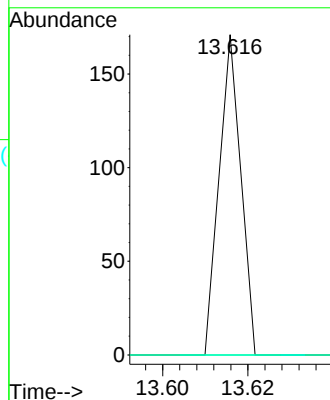
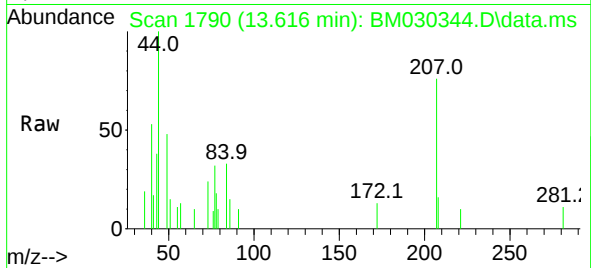




#48
2-Nitroaniline
Concen: 4.025 ng
RT: 13.616 min Scan# 1790
Delta R.T. 0.065 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

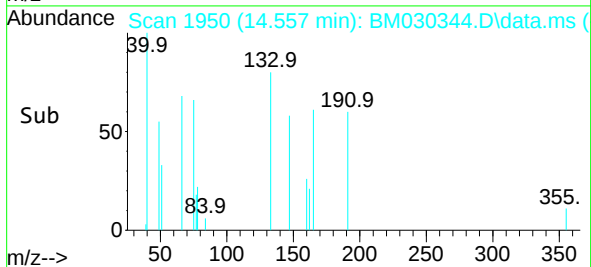
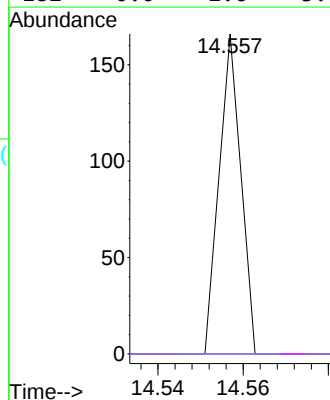
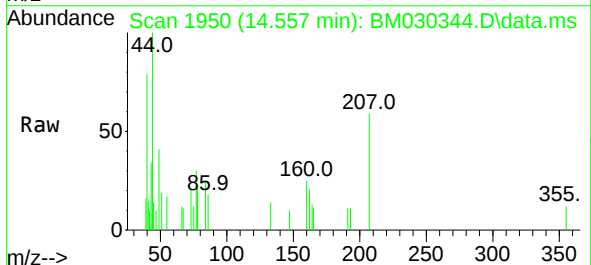
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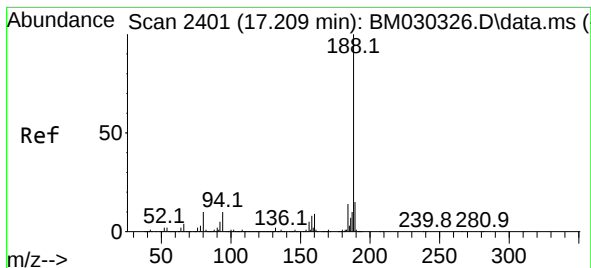
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#57
2,4-Dinitrotoluene
Concen: 2.999 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.276 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion: 165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 0.0 55.2 82.8#
182 0.0 2.6 3.8#

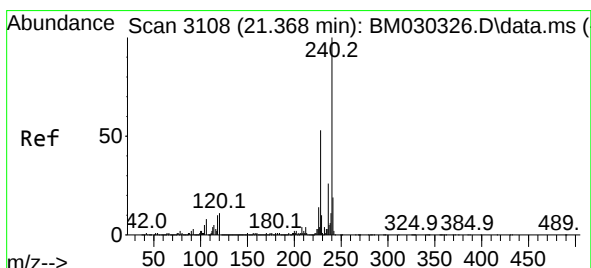
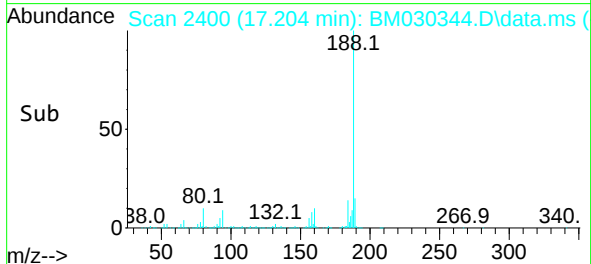
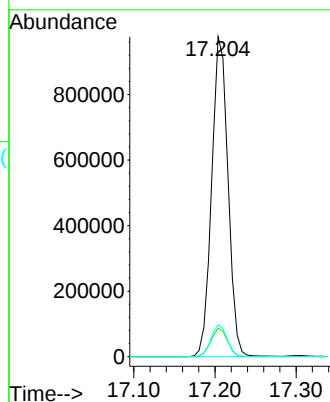
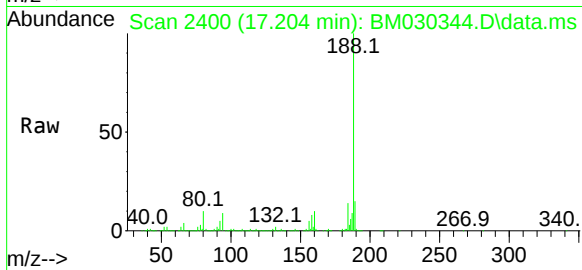




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

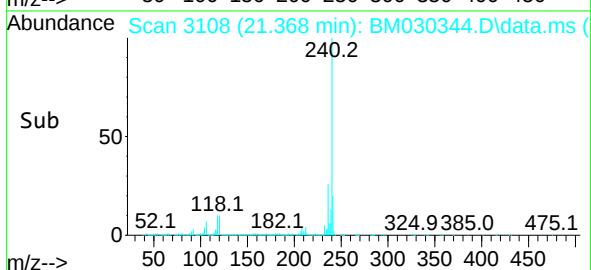
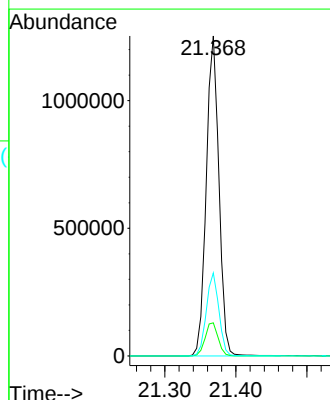
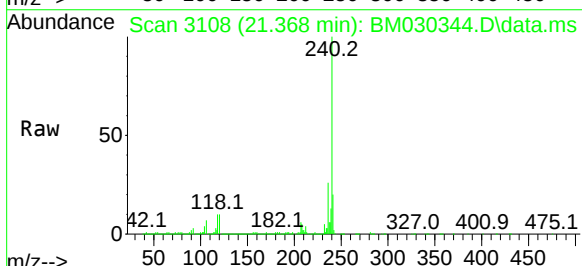
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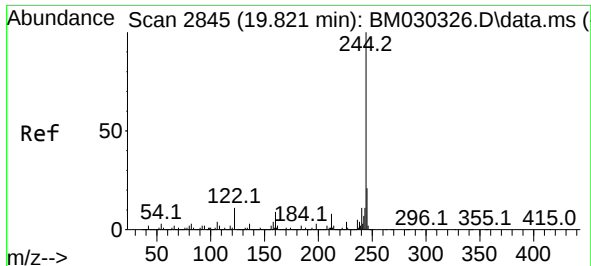
Tgt Ion:188 Resp: 1364595
Ion Ratio Lower Upper
188 100
94 8.9 6.0 9.0
80 10.1 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion:240 Resp: 1556460
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 26.0 21.0 31.4

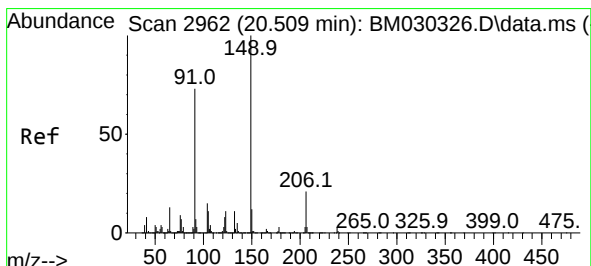
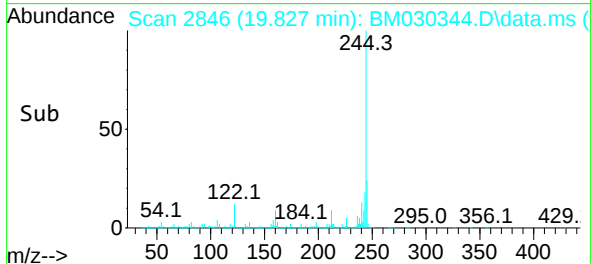
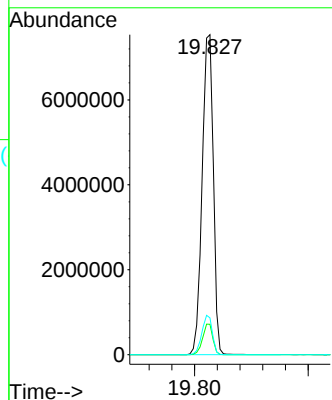
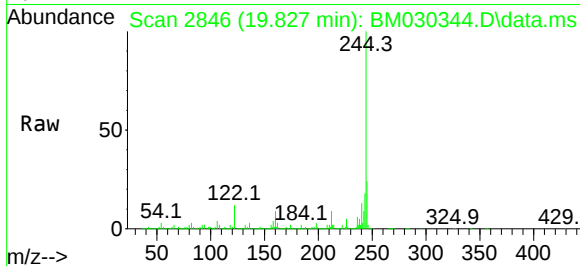




#79
 Terphenyl-d14
 Concen: 115.917 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. 0.006 min
 Lab File: BM030344.D
 Acq: 09 Jun 2021 16:08

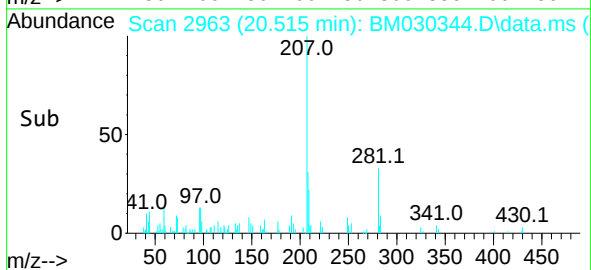
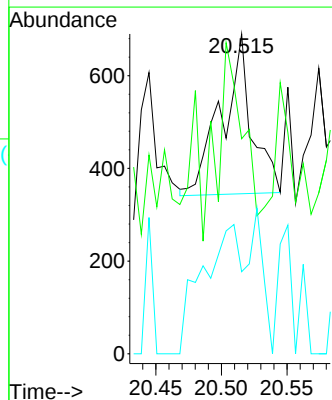
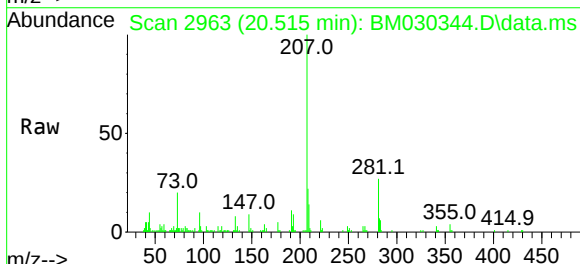
Instrument :
 BNA_M
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 18-B12(130-134)

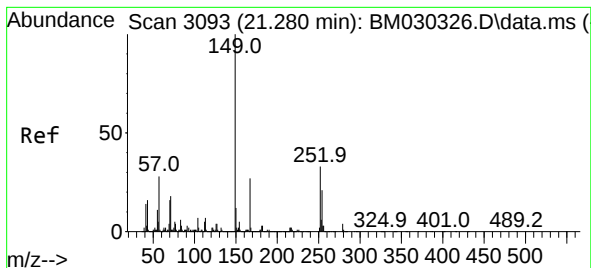
Tgt Ion:244 Resp:10271907
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.3 9.5#
 122 11.5 6.9 10.3#



#80
 Butylbenzylphthalate
 Concen: 4.316 ng
 RT: 20.515 min Scan# 2963
 Delta R.T. 0.006 min
 Lab File: BM030344.D
 Acq: 09 Jun 2021 16:08

Tgt Ion:149 Resp: 549
 Ion Ratio Lower Upper
 149 100
 91 67.2 57.4 86.0
 206 25.7 16.6 25.0#

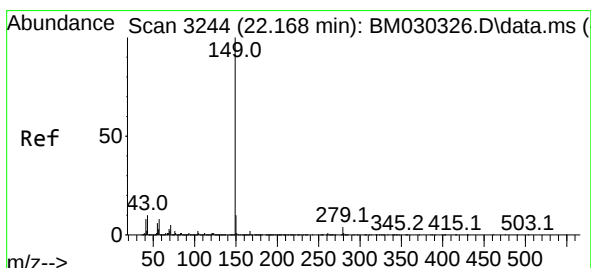
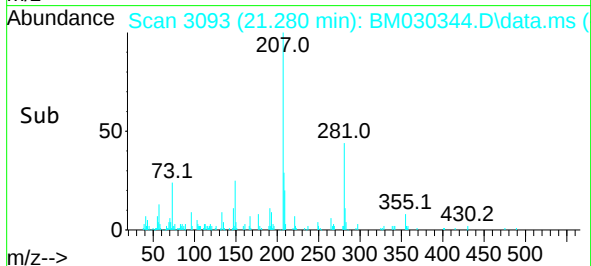
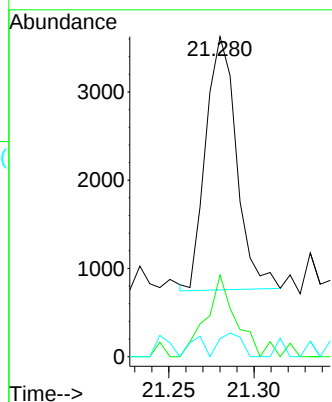
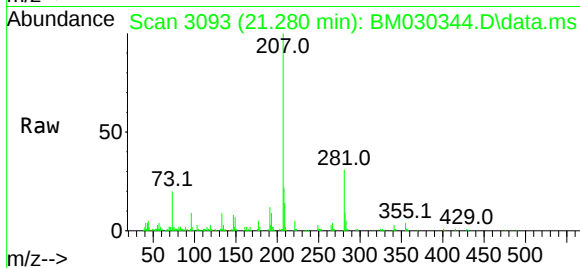




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.319 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

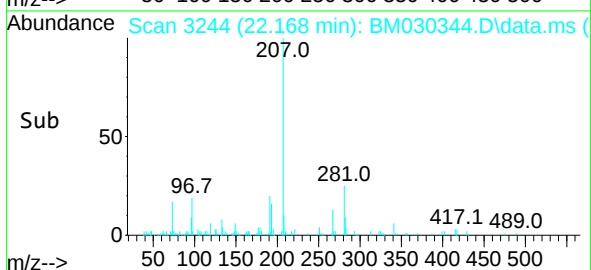
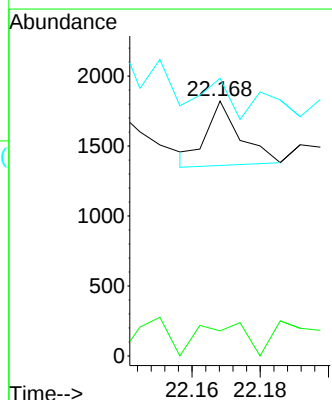
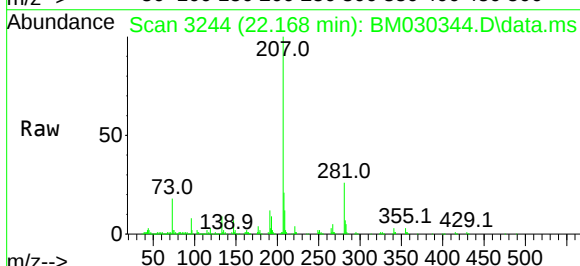
Instrument :
BNA_M
ClientSampleId :
18-B12(130-134)

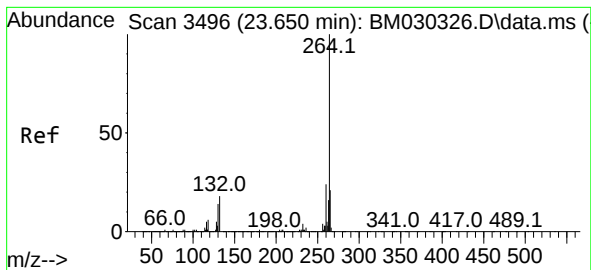
Tgt Ion:149 Resp: 3606
Ion Ratio Lower Upper
149 100
167 25.5 22.6 33.8
279 5.6 3.8 5.8



#85
Di-n-octyl phthalate
Concen: 4.168 ng
RT: 22.168 min Scan# 3244
Delta R.T. 0.000 min
Lab File: BM030344.D
Acq: 09 Jun 2021 16:08

Tgt Ion:149 Resp: 317
Ion Ratio Lower Upper
149 100
167 70.7 1.3 1.9#
43 0.0 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.650 min Scan# 3496
 Delta R.T. 0.000 min
 Lab File: BM030344.D
 Acq: 09 Jun 2021 16:08

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(130-134)

Tgt Ion:264 Resp: 1393324
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.8
 265 21.5 17.7 26.5

