

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030447.D
 Acq On : 14 Jun 2021 21:28
 Operator : CG/JU
 Sample : M2677-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PIER-GIS

Quant Time: Jun 15 03:51:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 14:10:50 2021
 Response via : Initial Calibration

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

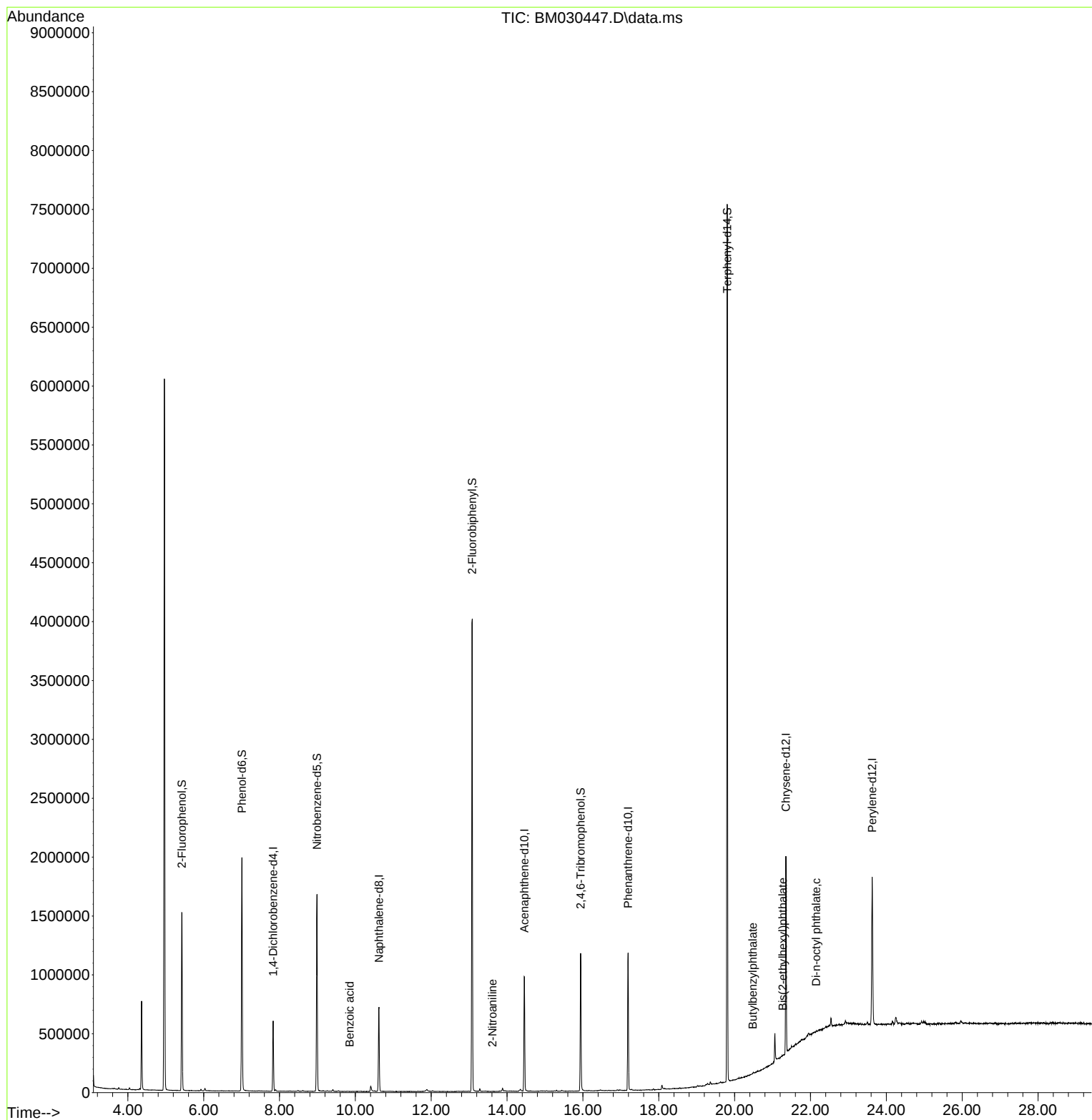
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	162934	20.00	ng	0.00
21) Naphthalene-d8	10.622	136	596609	20.00	ng	0.00
39) Acenaphthene-d10	14.457	164	351686	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	720704	20.00	ng	0.00
76) Chrysene-d12	21.350	240	791055	20.00	ng	0.00
86) Perylene-d12	23.627	264	884908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	635842	63.44	ng	0.01
7) Phenol-d6	7.010	99	1101087	75.89	ng	0.01
23) Nitrobenzene-d5	8.987	82	927943	75.77	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	212630	48.09	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2088990	78.11	ng	0.00
79) Terphenyl-d14	19.803	244	3306358	73.41	ng	0.00
Target Compounds						
32) Benzoic acid	9.851	122	61	5.00	ng	Qvalue # 2
48) 2-Nitroaniline	13.616	65	55	4.03	ng	# 4
80) Butylbenzylphthalate	20.480	149	562	4.33	ng	90
84) Bis(2-ethylhexyl)phtha...	21.268	149	2220	4.33	ng	# 83
85) Di-n-octyl phthalate	22.150	149	848	4.18	ng	# 1

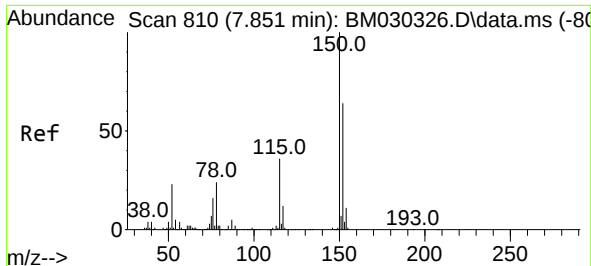
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

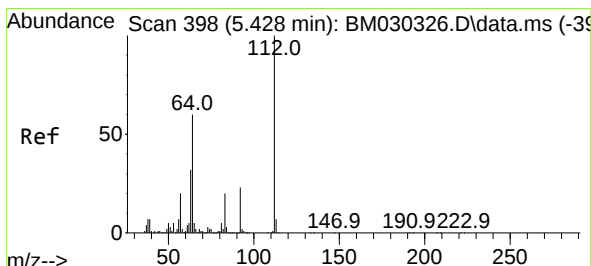
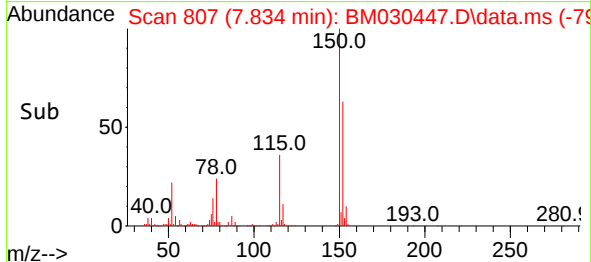
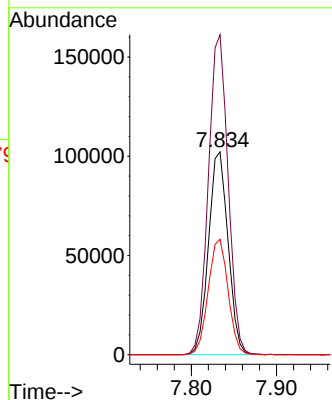
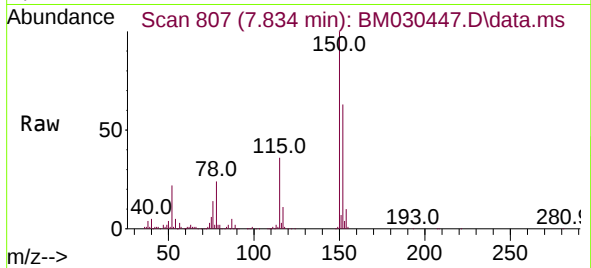




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

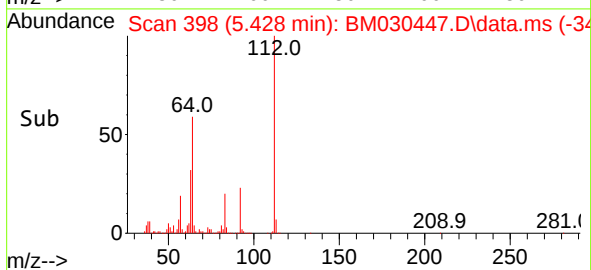
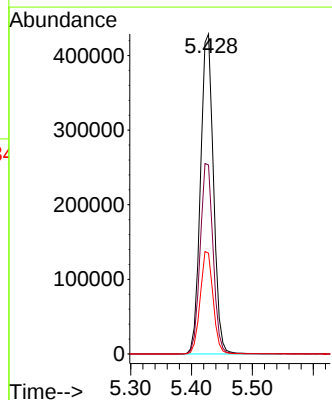
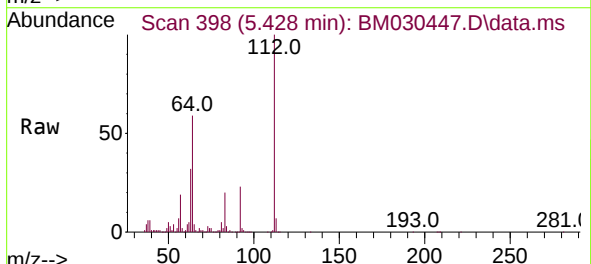
Instrument :
BNA_M
ClientSampleId :
PIER-GIS

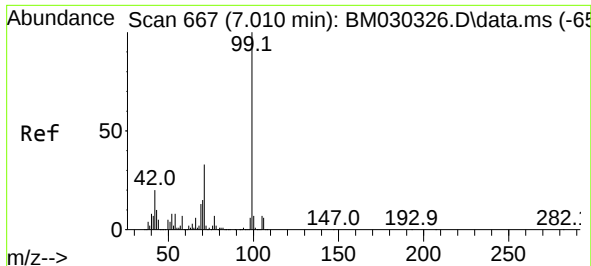
Tgt Ion:152 Resp: 162934
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 56.8 44.6 67.0



#5
2-Fluorophenol
Concen: 63.44 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.012 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:112 Resp: 635842
Ion Ratio Lower Upper
112 100
64 59.0 47.1 70.7
63 31.5 27.3 40.9



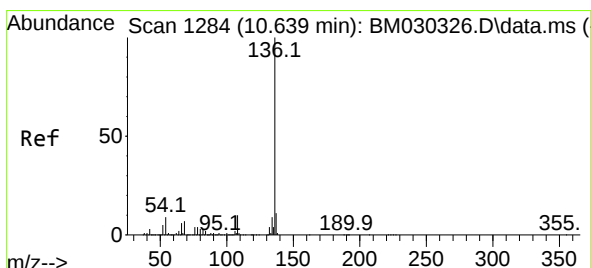
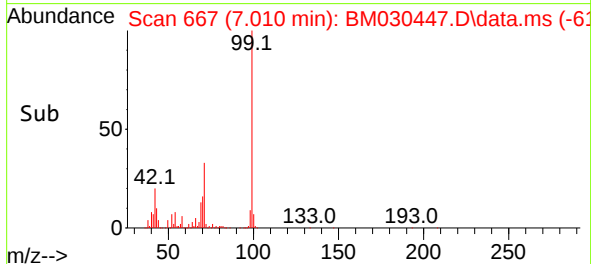
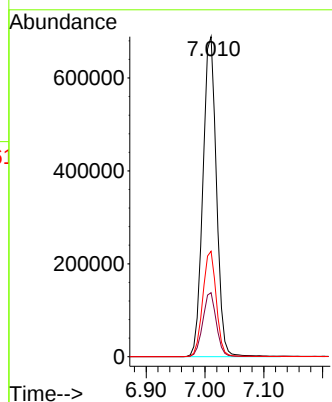
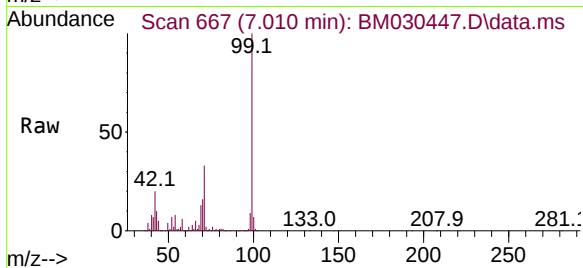


#7
Phenol-d6
Concen: 75.89 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.012 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Instrument :
BNA_M
ClientSampleId :
PIER-GIS

Tgt Ion: 99 Resp: 1101087

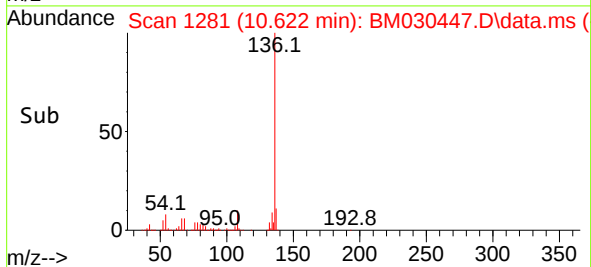
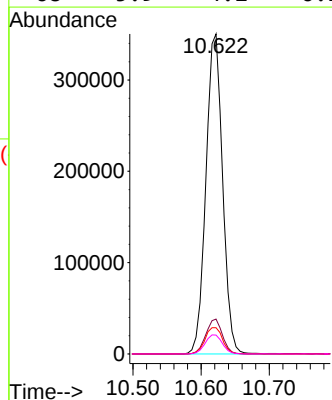
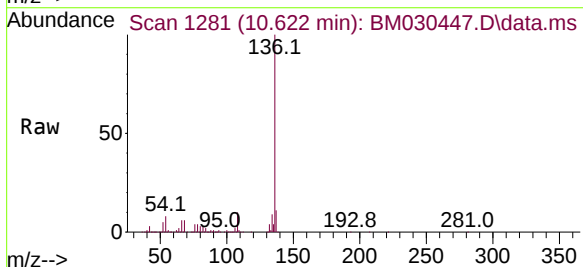
Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.0	27.0
71	32.9	30.9	46.3

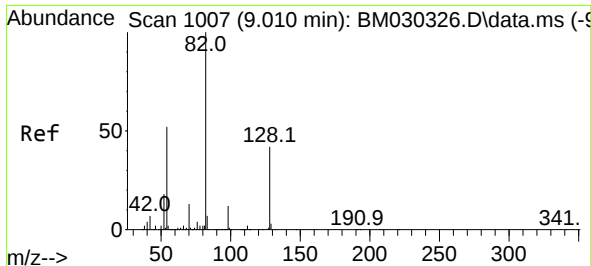


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion: 136 Resp: 596609

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.2	5.5	8.3
68	5.9	4.2	6.2

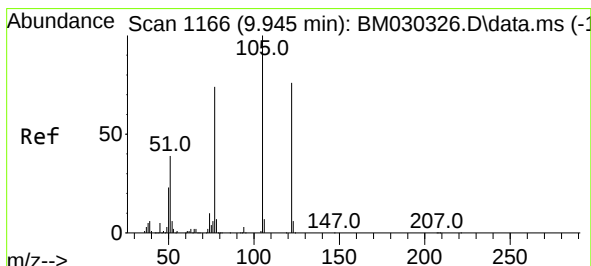
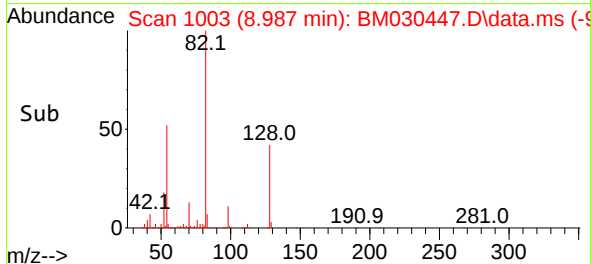
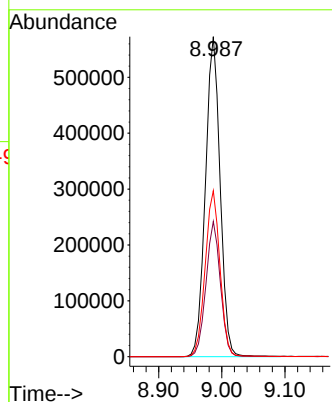
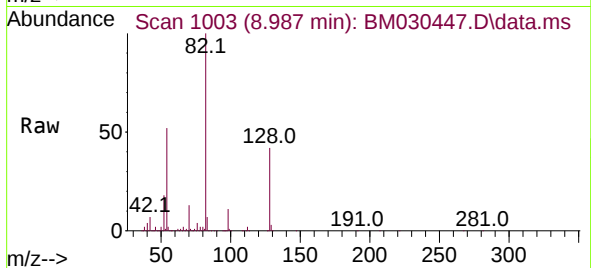




#23
Nitrobenzene-d5
Concen: 75.77 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

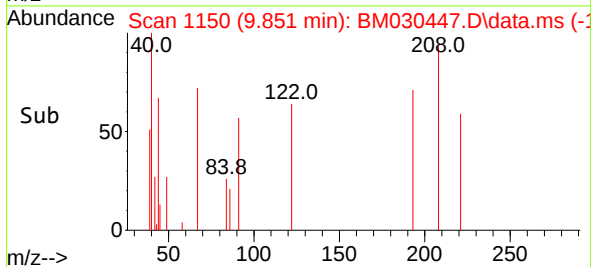
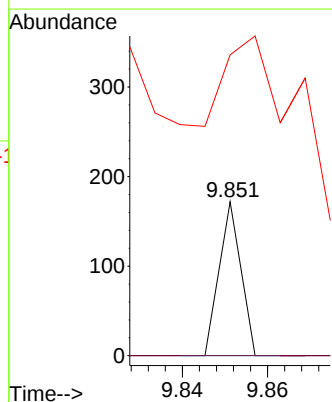
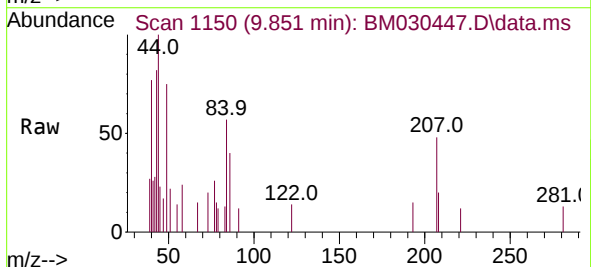
Instrument :
BNA_M
ClientSampleId :
PIER-GIS

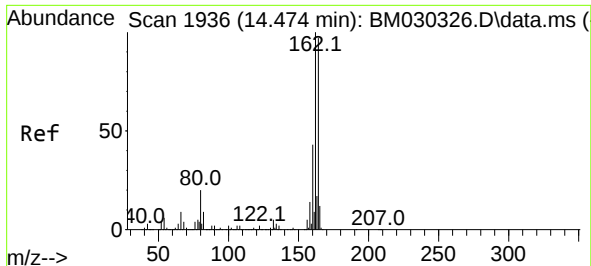
Tgt Ion: 82 Resp: 927943
Ion Ratio Lower Upper
82 100
128 42.3 31.1 46.7
54 51.8 37.3 55.9



#32
Benzoic acid
Concen: 5.00 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.082 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 107.3 147.3#
77 195.3 88.0 128.0#

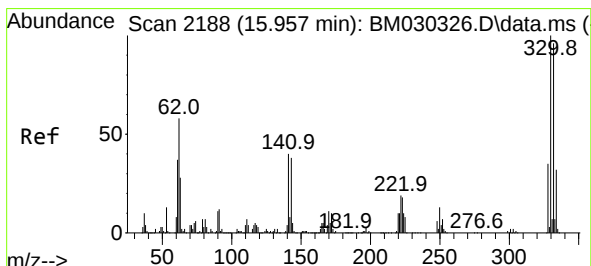
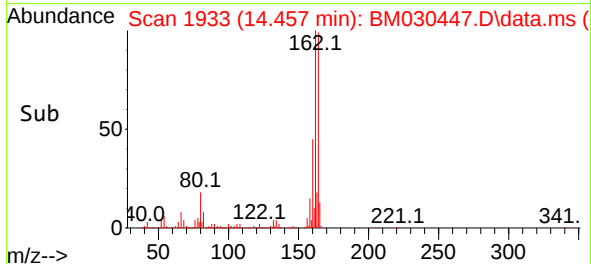
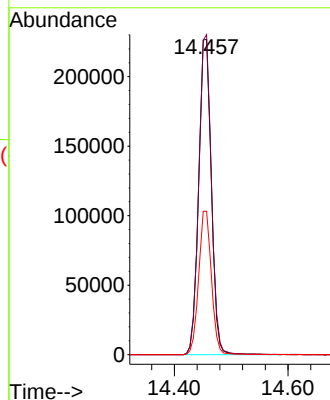
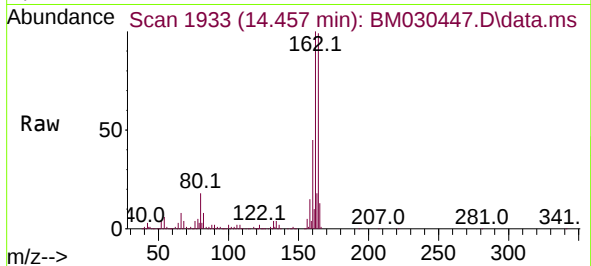




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

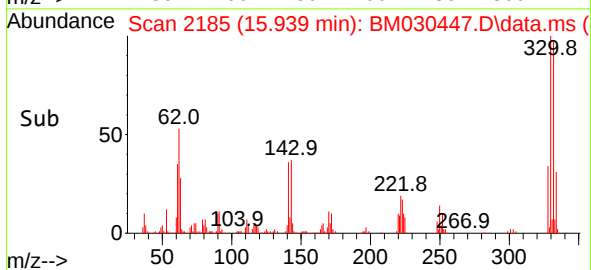
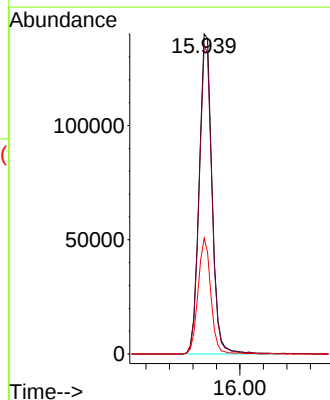
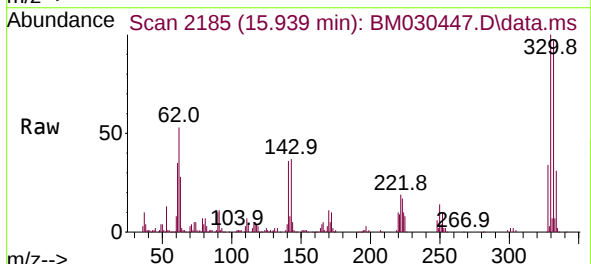
Instrument :
BNA_M
ClientSampleId :
PIER-GIS

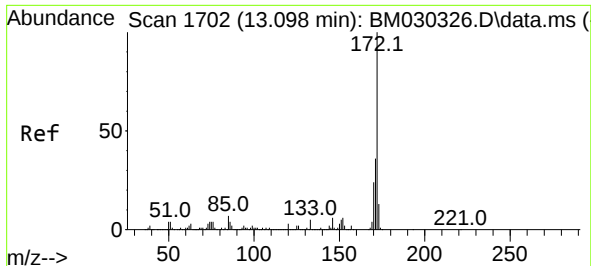
Tgt Ion:164 Resp: 351686
Ion Ratio Lower Upper
164 100
162 101.5 83.4 125.0
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 48.09 ng
RT: 15.939 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:330 Resp: 212630
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 35.8 30.2 45.2

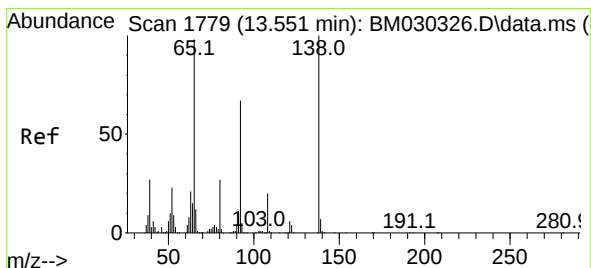
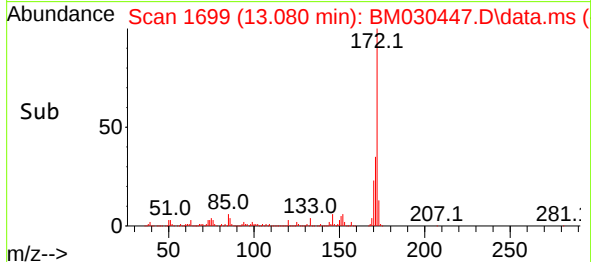
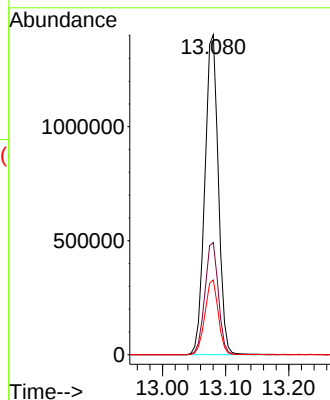
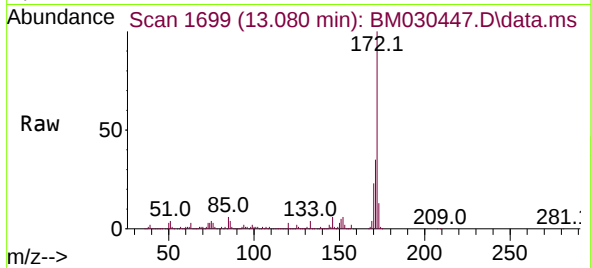




#45
2-Fluorobiphenyl
Concen: 78.11 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

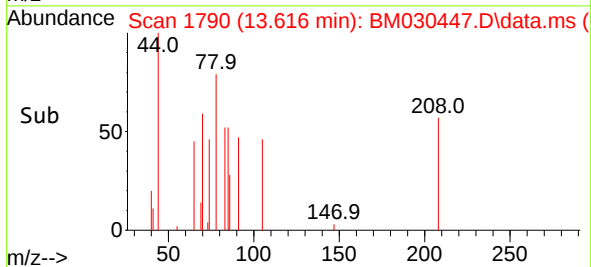
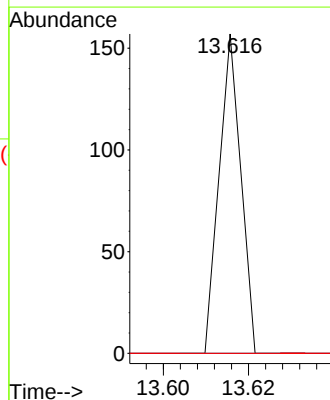
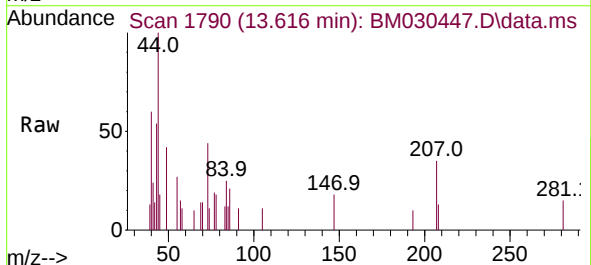
Instrument :
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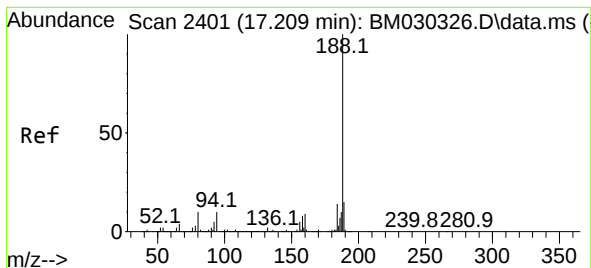
Tgt Ion:172 Resp: 2088990
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 4.03 ng
RT: 13.616 min Scan# 1790
Delta R.T. 0.076 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.192 min Scan# 2398

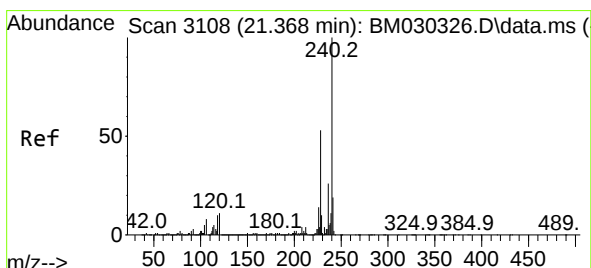
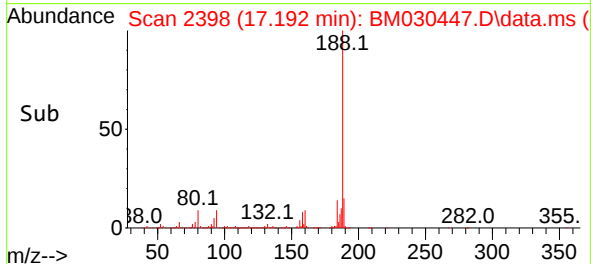
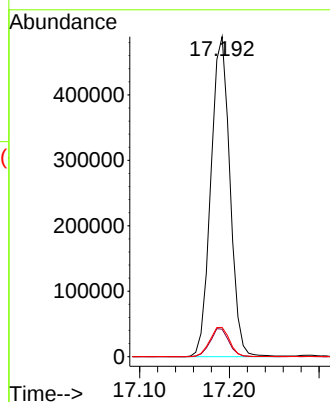
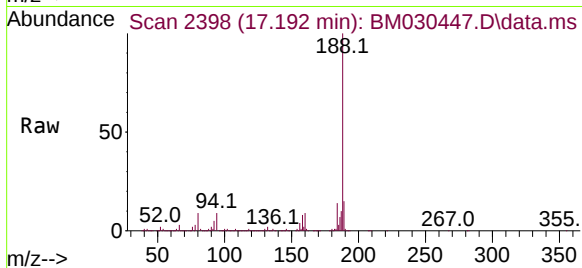
Delta R.T. -0.006 min

Lab File: BM030447.D

Acq: 14 Jun 2021 21:28

Tgt Ion:188 Resp: 720704

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.0	9.0
80	9.1	6.6	9.8



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.350 min Scan# 3105

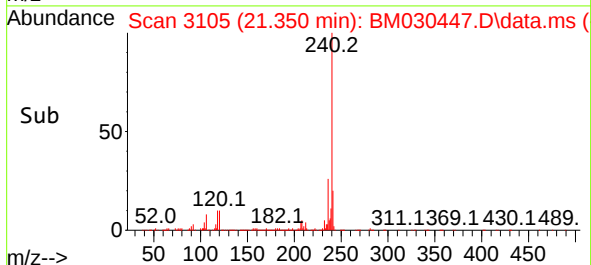
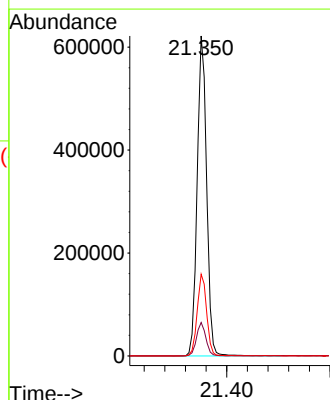
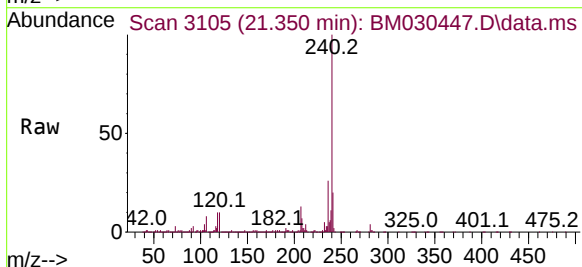
Delta R.T. -0.006 min

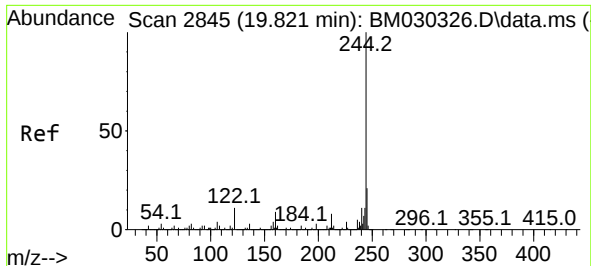
Lab File: BM030447.D

Acq: 14 Jun 2021 21:28

Tgt Ion:240 Resp: 791055

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.0	10.6
236	25.6	21.0	31.4

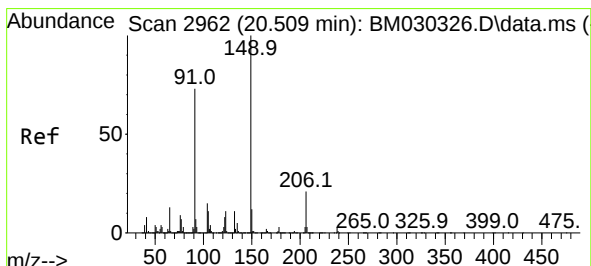
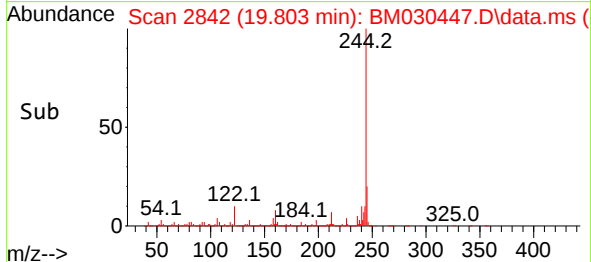
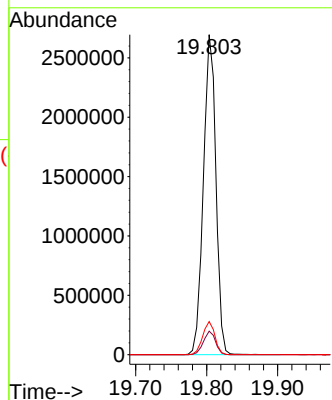
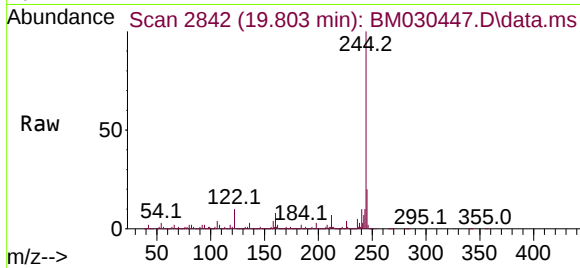




#79
 Terphenyl-d14
 Concen: 73.41 ng
 RT: 19.803 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BM030447.D
 Acq: 14 Jun 2021 21:28

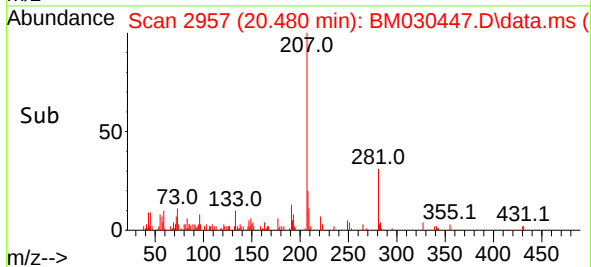
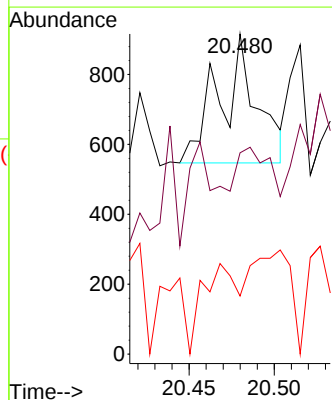
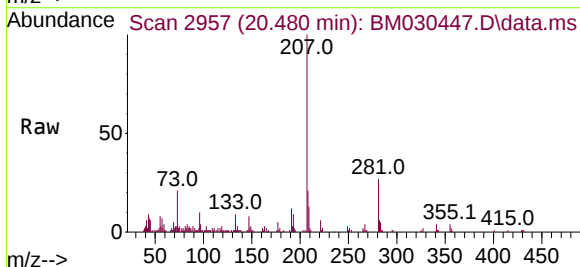
Instrument :
 BNA_M
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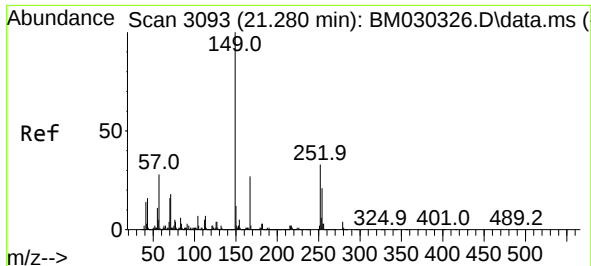
Tgt Ion:244 Resp: 3306358
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.4 6.9 10.3#



#80
 Butylbenzylphthalate
 Concen: 4.33 ng
 RT: 20.480 min Scan# 2957
 Delta R.T. -0.018 min
 Lab File: BM030447.D
 Acq: 14 Jun 2021 21:28

Tgt Ion:149 Resp: 562
 Ion Ratio Lower Upper
 149 100
 91 62.9 57.4 86.0
 206 18.1 16.6 25.0

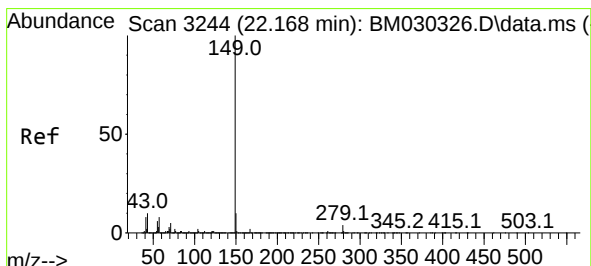
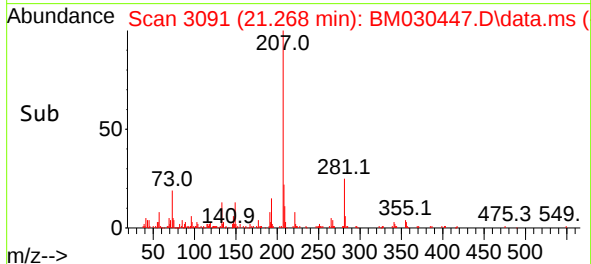
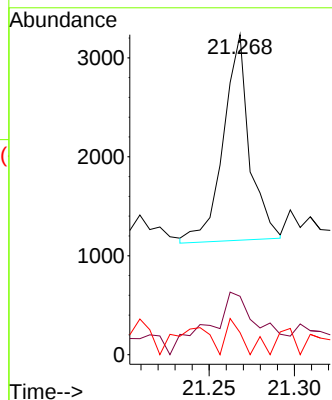
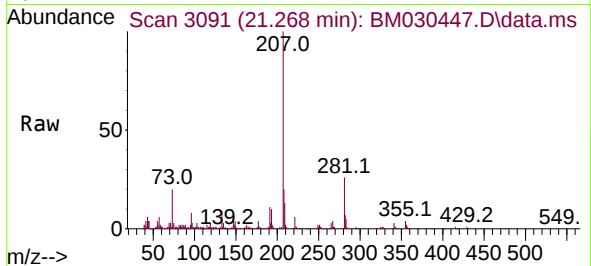




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.33 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

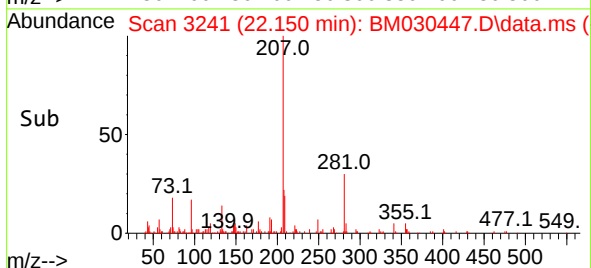
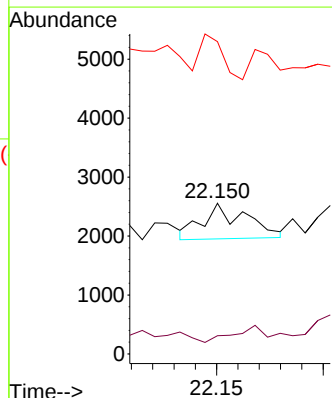
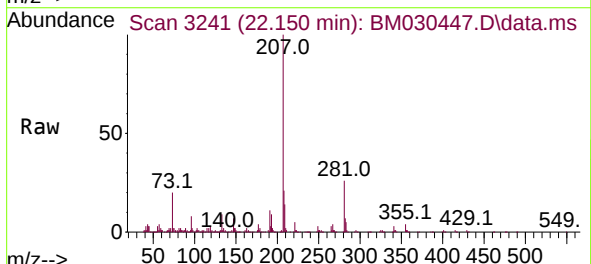
Instrument :
BNA_M
ClientSampleId :
PIER-GIS

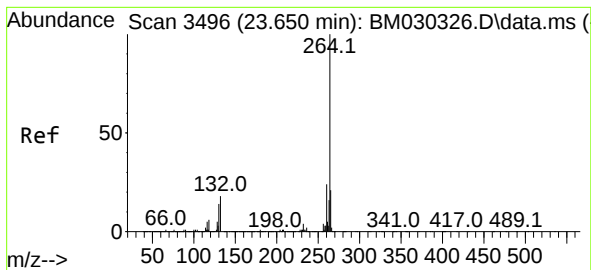
Tgt Ion:149 Resp: 2220
Ion Ratio Lower Upper
149 100
167 18.3 22.6 33.8#
279 6.9 3.8 5.8#



#85
Di-n-octyl phthalate
Concen: 4.18 ng
RT: 22.150 min Scan# 3241
Delta R.T. -0.006 min
Lab File: BM030447.D
Acq: 14 Jun 2021 21:28

Tgt Ion:149 Resp: 848
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 76.9 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.627 min Scan# 3492
 Delta R.T. -0.006 min
 Lab File: BM030447.D
 Acq: 14 Jun 2021 21:28

Instrument :
 BNA_M
 ClientSampleId :
 PIER-GIS

Tgt Ion:264 Resp: 884908
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.8
 265 22.2 17.7 26.5

