

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040119.D
 Acq On : 07 Jun 2023 00:27
 Operator : MA/JU
 Sample : 03018-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-4648

Quant Time: Jun 07 02:15:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

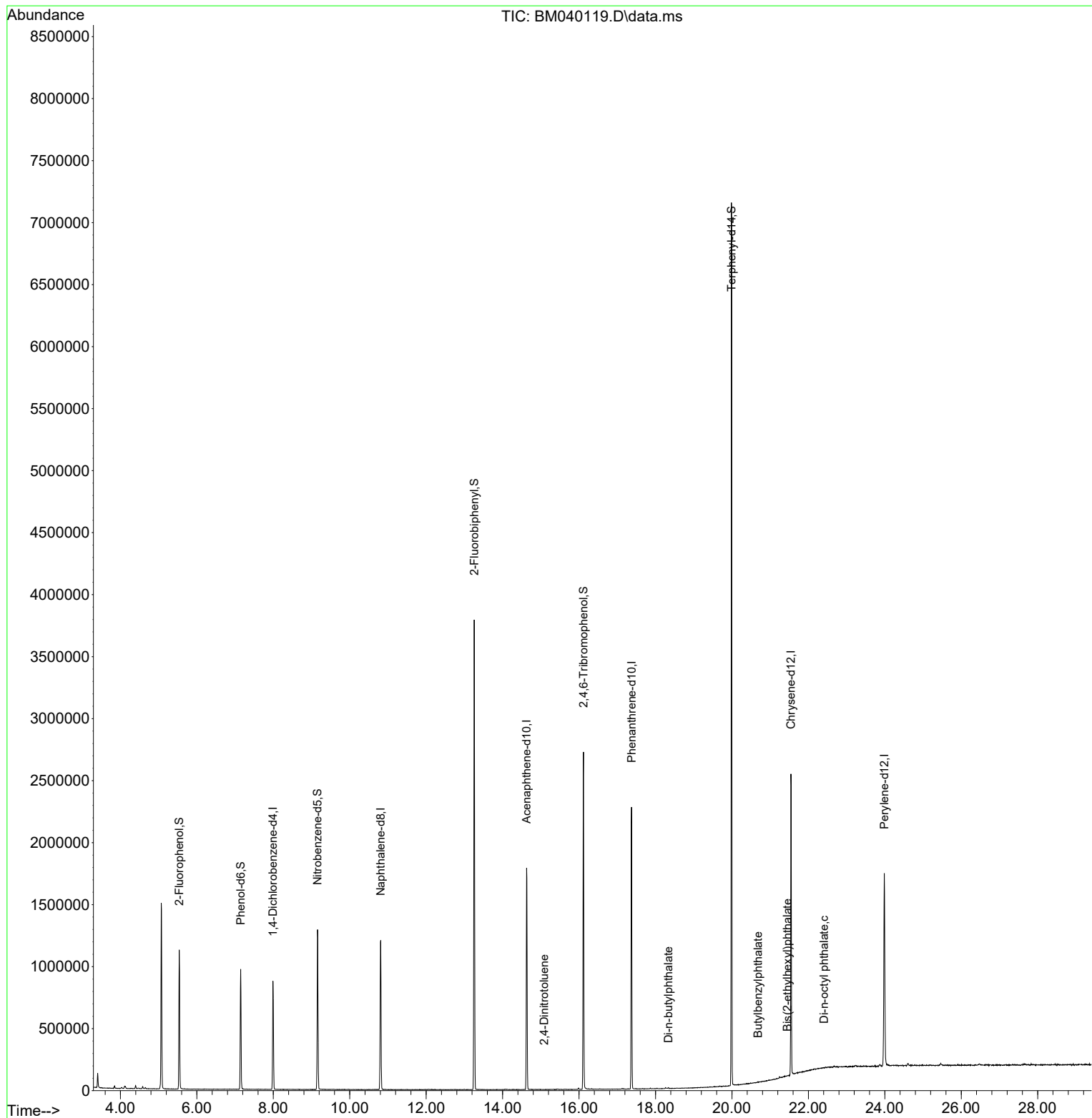
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	224299	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	975949	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	549778	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1168466	20.000	ng	0.00
76) Chrysene-d12	21.544	240	940476	20.000	ng	-0.01
86) Perylene-d12	23.986	264	941907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	472676	32.325	ng	0.00
7) Phenol-d6	7.145	99	534063	27.999	ng	0.00
23) Nitrobenzene-d5	9.157	82	693797	38.360	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	391085	54.807	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	1655534	35.518	ng	0.00
79) Terphenyl-d14	19.992	244	2863514	47.276	ng	0.00
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	15.092	165	53	3.752	ng	# 19
74) Di-n-butylphthalate	18.339	149	5082	3.720	ng	# 96
80) Butylbenzylphthalate	20.680	149	389	4.844	ng	# 69
84) Bis(2-ethylhexyl)phtha...	21.450	149	1301	3.629	ng	# 82
85) Di-n-octyl phthalate	22.409	149	448	6.619	ng	# 24

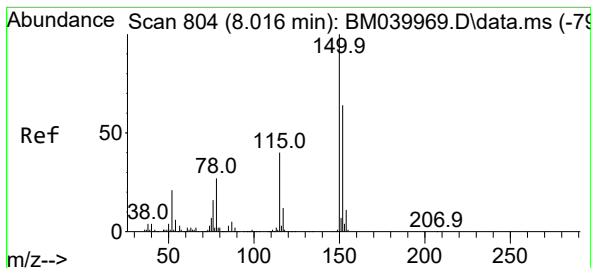
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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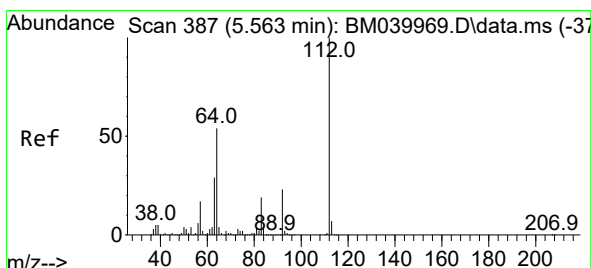
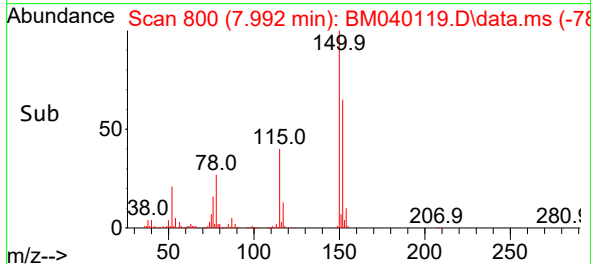
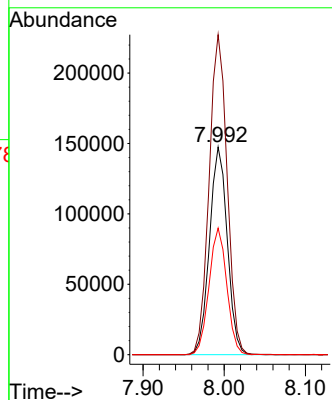
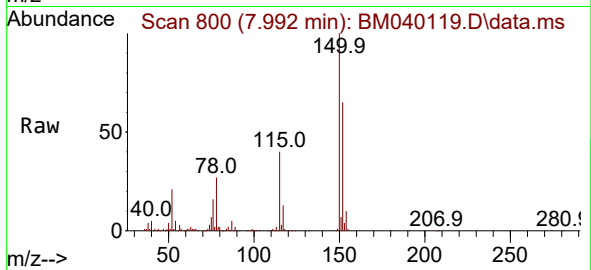




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

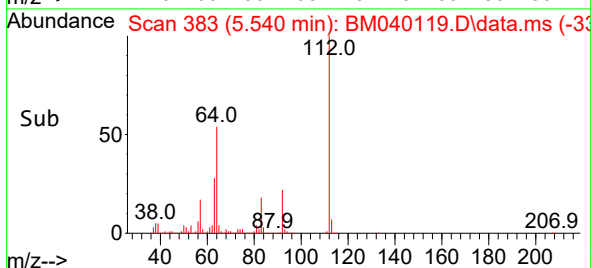
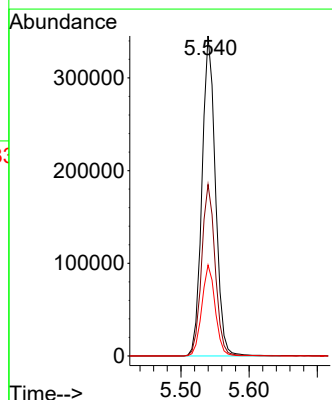
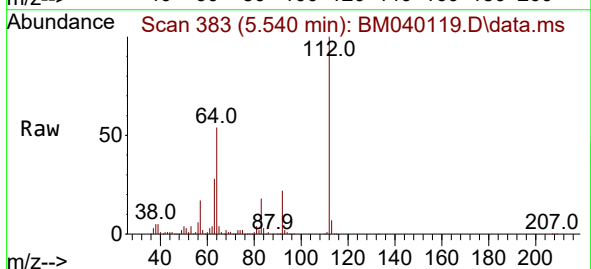
Instrument :
BNA_M
ClientSampleId :
RT-4648

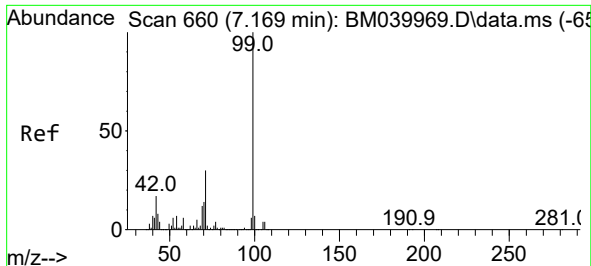
Tgt Ion:152 Resp: 224299
Ion Ratio Lower Upper
152 100
150 154.1 125.5 188.3
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 32.325 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

Tgt Ion:112 Resp: 472676
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 28.4 22.9 34.3

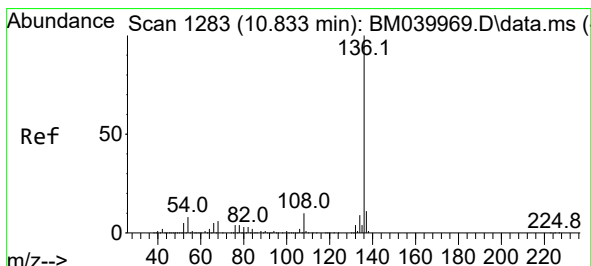
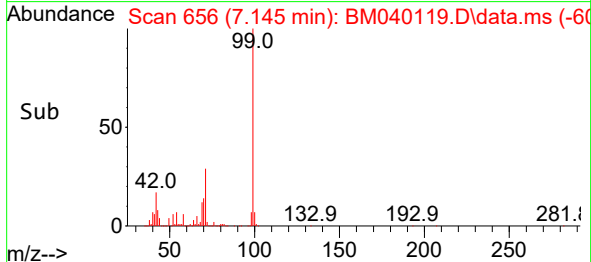
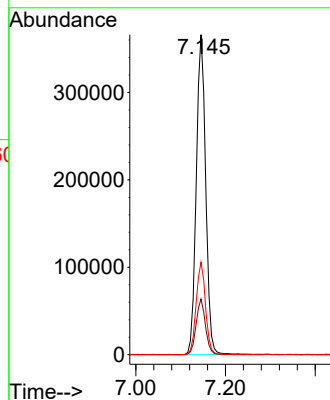
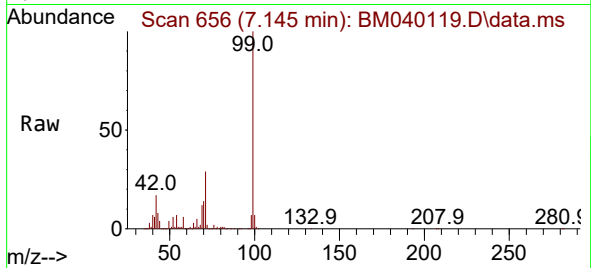




#7
Phenol-d6
Concen: 27.999 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

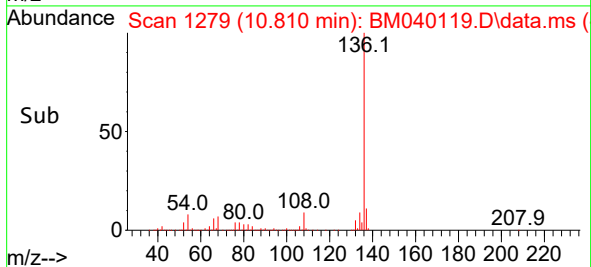
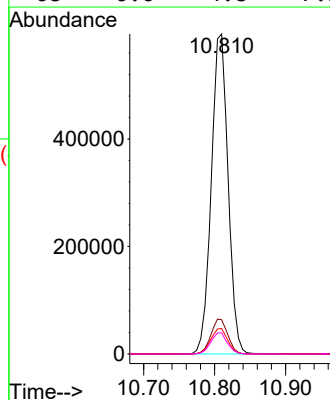
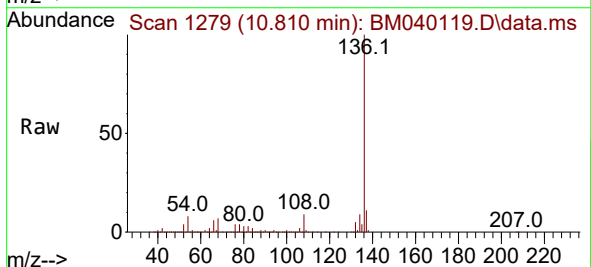
Instrument :
BNA_M
ClientSampleId :
RT-4648

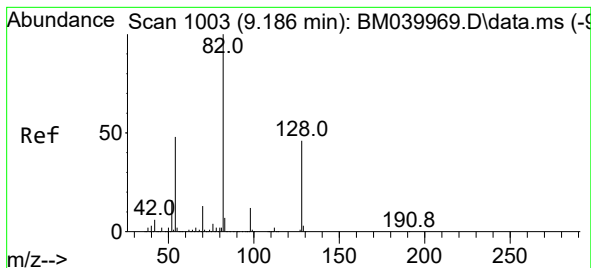
Tgt Ion: 99 Resp: 534063
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.6
71 28.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

Tgt Ion: 136 Resp: 975949
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.9 6.1 9.1
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 38.360 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040119.D

Acq: 07 Jun 2023 00:27

Instrument :

BNA_M

ClientSampleId :

RT-4648

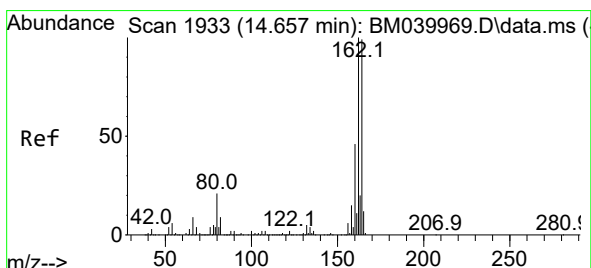
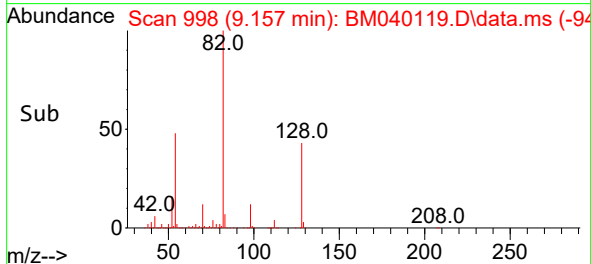
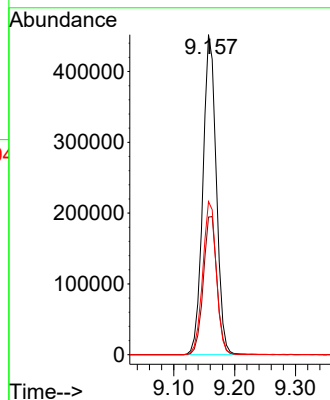
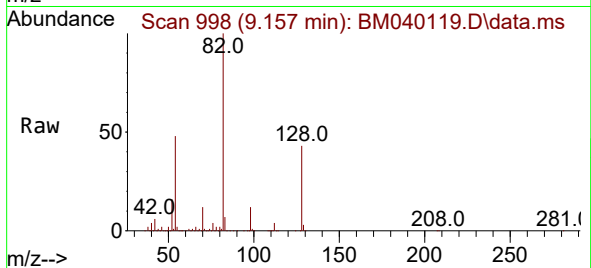
Tgt Ion: 82 Resp: 693797

Ion Ratio Lower Upper

82 100

128 43.0 36.5 54.7

54 47.8 38.3 57.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM040119.D

Acq: 07 Jun 2023 00:27

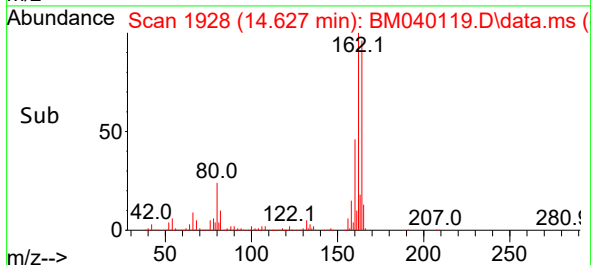
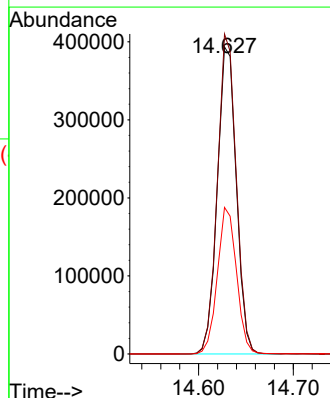
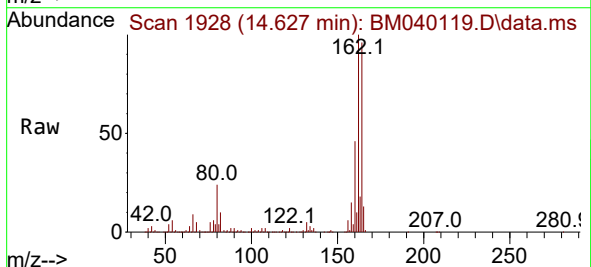
Tgt Ion: 164 Resp: 549778

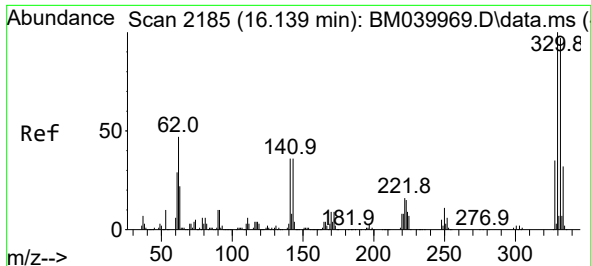
Ion Ratio Lower Upper

164 100

162 104.2 80.6 120.8

160 47.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 54.807 ng

RT: 16.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040119.D

Acq: 07 Jun 2023 00:27

Instrument :

BNA_M

ClientSampleId :

RT-4648

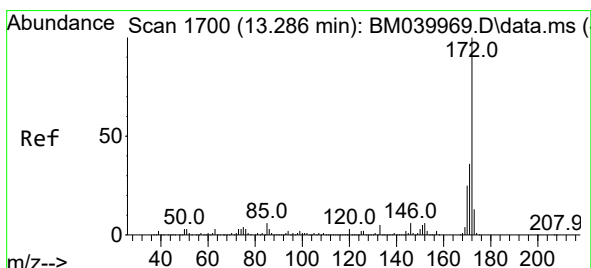
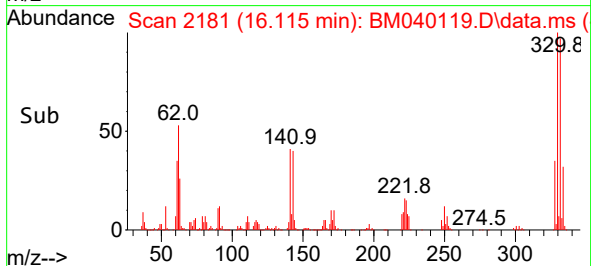
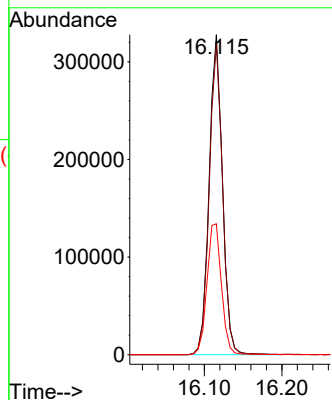
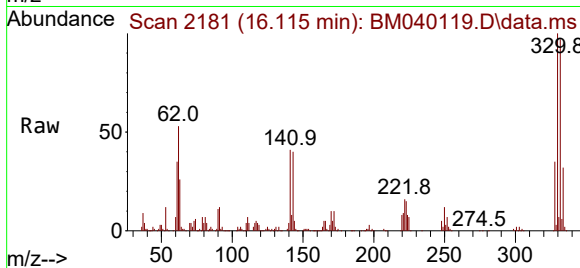
Tgt Ion:330 Resp: 391085

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

141 44.6 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 35.518 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040119.D

Acq: 07 Jun 2023 00:27

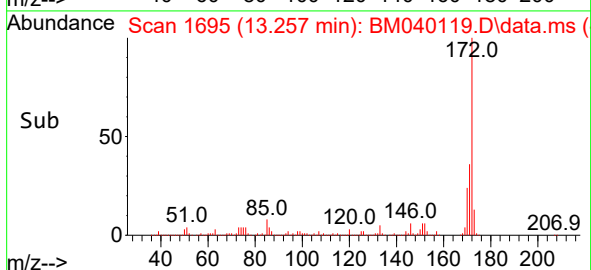
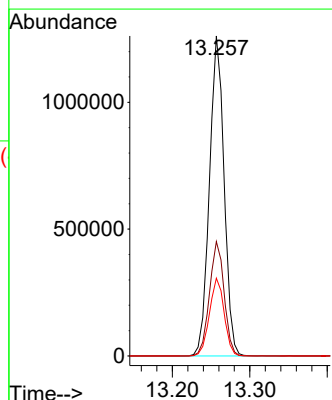
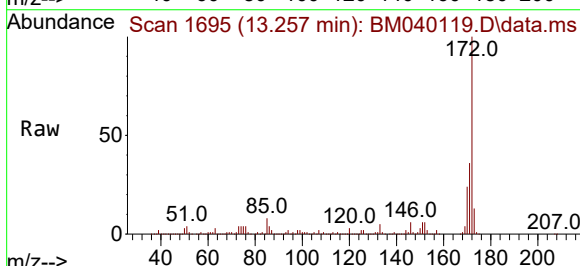
Tgt Ion:172 Resp: 1655534

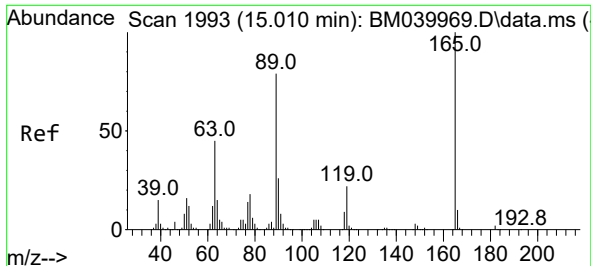
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.3 19.6 29.4

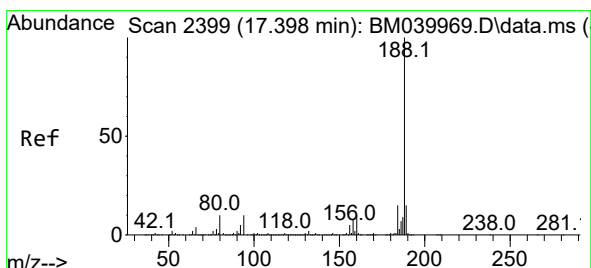
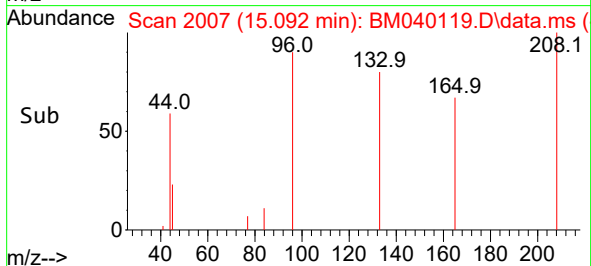
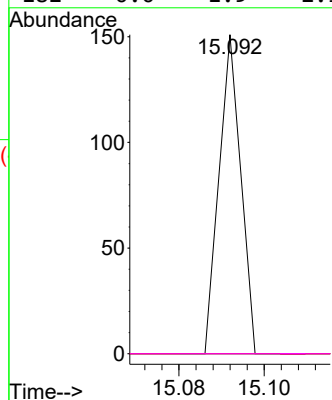
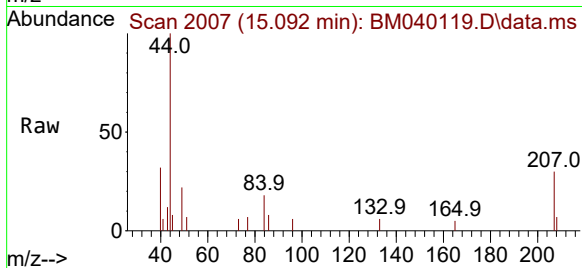




#57
2,4-Dinitrotoluene
Concen: 3.752 ng
RT: 15.092 min Scan# 20
Delta R.T. 0.100 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

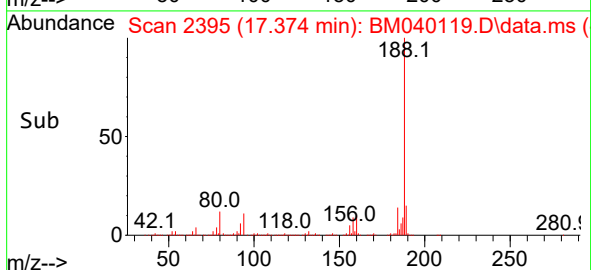
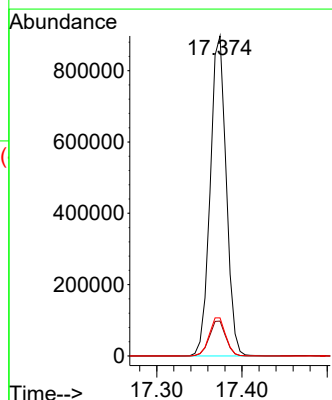
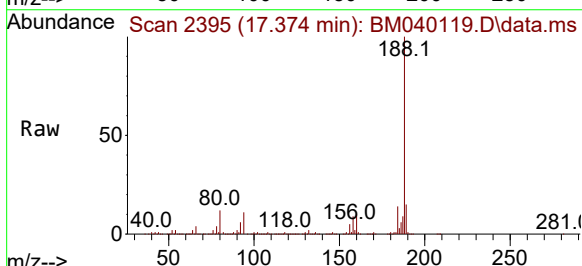
Instrument :
BNA_M
ClientSampleId :
RT-4648

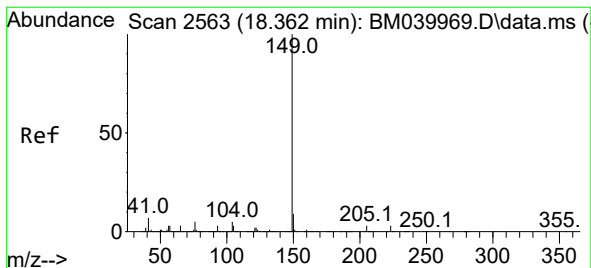
Tgt Ion:	165	Resp:	53
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	0.0	63.4	95.0#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

Tgt Ion:	188	Resp:	1168466
Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.8	11.8
80	11.9	8.2	12.4





#74

Di-n-butylphthalate

Concen: 3.720 ng

RT: 18.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040119.D

Acq: 07 Jun 2023 00:27

Instrument :

BNA_M

ClientSampleId :

RT-4648

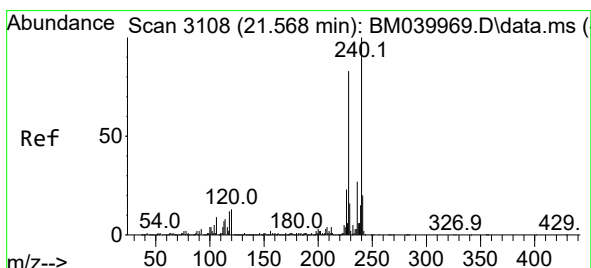
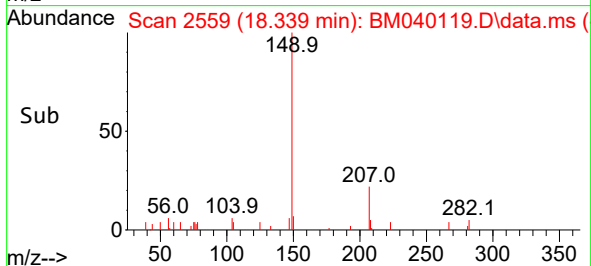
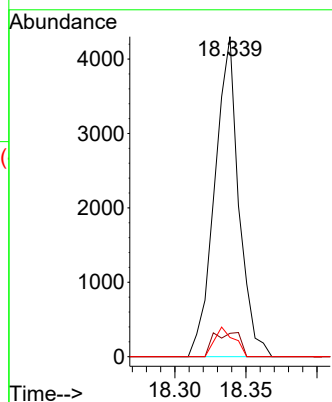
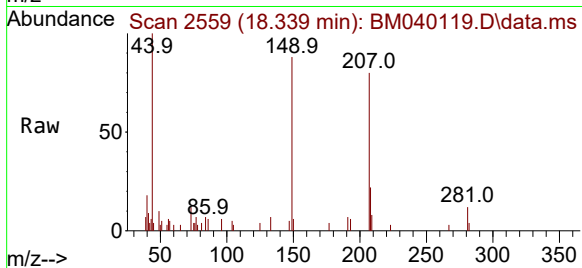
Tgt Ion:149 Resp: 5082

Ion Ratio Lower Upper

149 100

150 7.3 7.4 11.2#

104 6.0 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BM040119.D

Acq: 07 Jun 2023 00:27

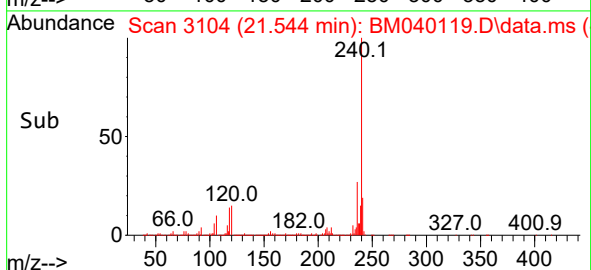
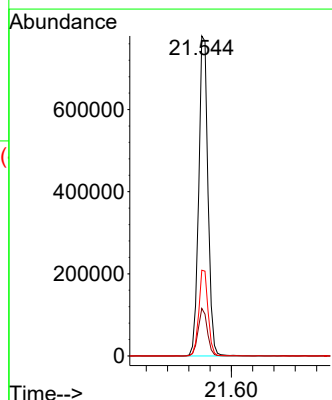
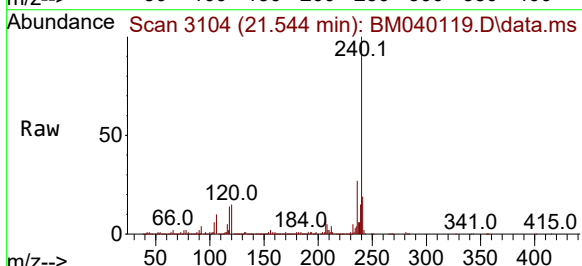
Tgt Ion:240 Resp: 940476

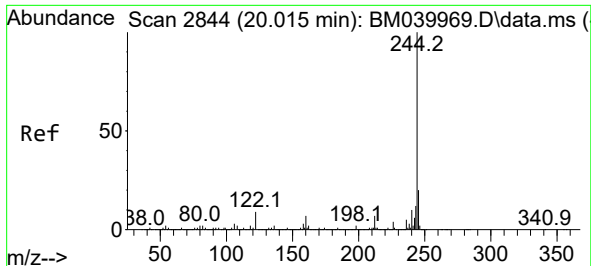
Ion Ratio Lower Upper

240 100

120 14.8 10.1 15.1

236 26.8 21.3 31.9

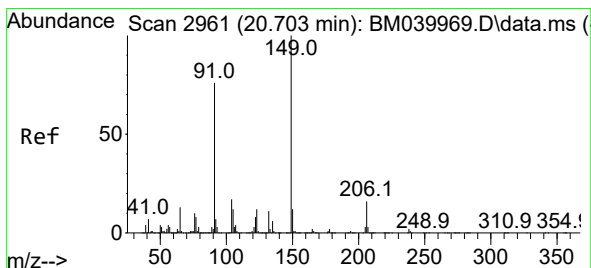
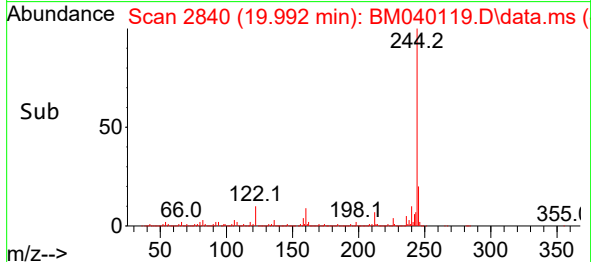
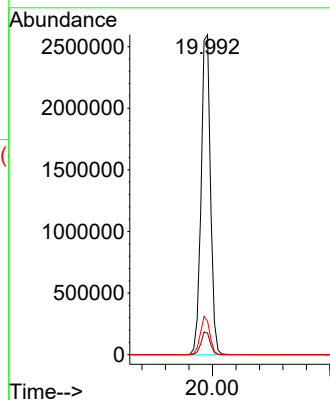
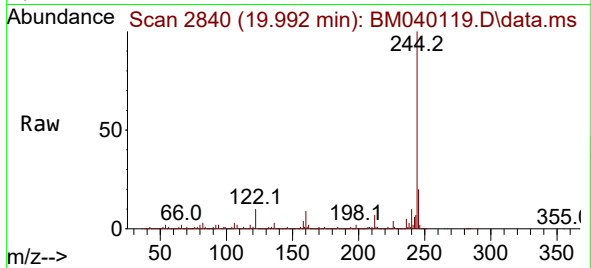




#79
 Terphenyl-d14
 Concen: 47.276 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040119.D
 Acq: 07 Jun 2023 00:27

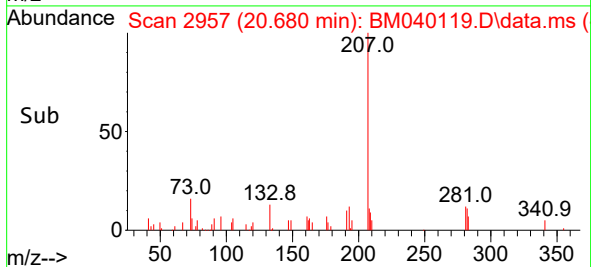
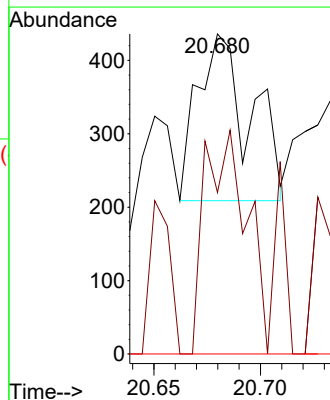
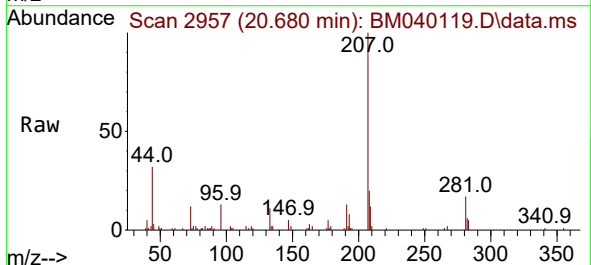
Instrument :
 BNA_M
 ClientSampleId :
 RT-4648

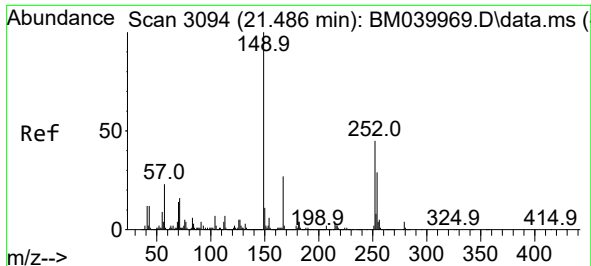
Tgt Ion:244 Resp: 2863514
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 4.844 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM040119.D
 Acq: 07 Jun 2023 00:27

Tgt Ion:149 Resp: 389
 Ion Ratio Lower Upper
 149 100
 91 50.5 61.0 91.4#
 206 0.0 12.7 19.1#

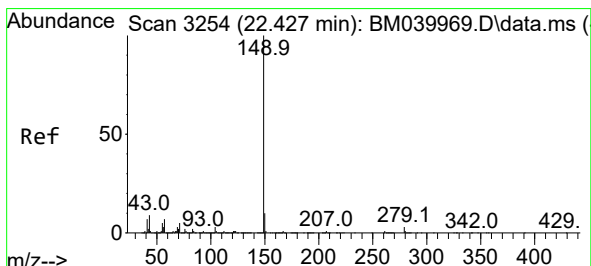
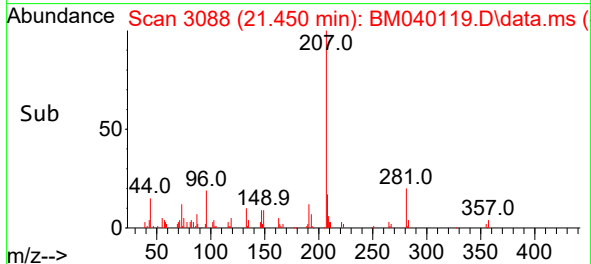
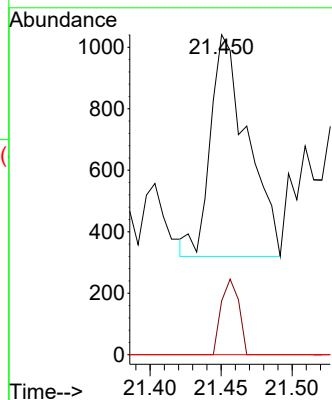
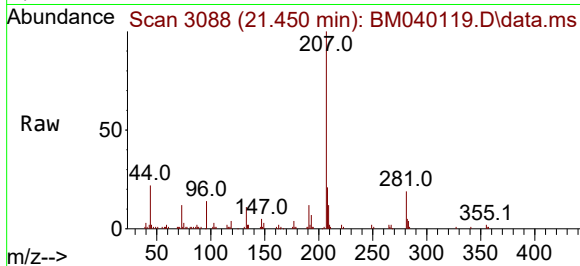




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.629 ng
RT: 21.450 min Scan# 3094
Delta R.T. -0.012 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

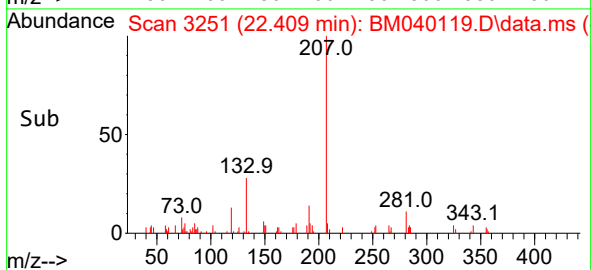
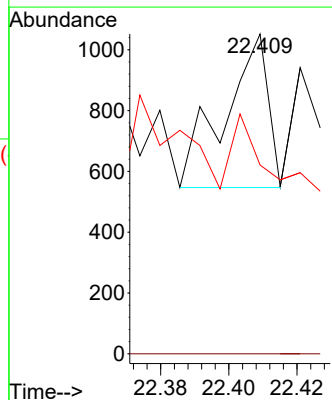
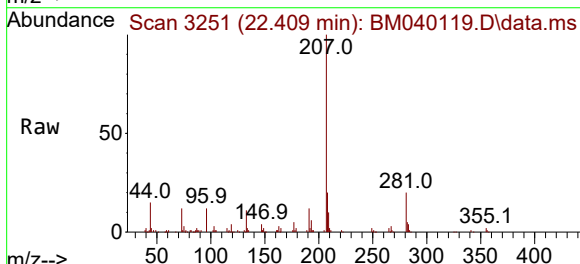
Instrument :
BNA_M
ClientSampleId :
RT-4648

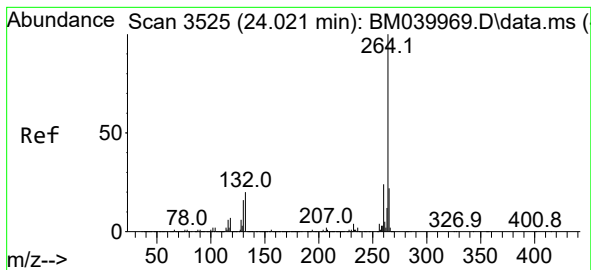
Tgt Ion:149 Resp: 1301
Ion Ratio Lower Upper
149 100
167 16.8 21.4 32.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 6.619 ng
RT: 22.409 min Scan# 3251
Delta R.T. 0.006 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

Tgt Ion:149 Resp: 448
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 40.6 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040119.D
Acq: 07 Jun 2023 00:27

Instrument :
BNA_M
ClientSampleId :
RT-4648

Tgt Ion:264 Resp: 941907

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.3	17.7	26.5

