

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038692.D
 Acq On : 03 Feb 2023 23:02
 Operator : CG/JU
 Sample : 01375-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLERE

Quant Time: Feb 04 05:23:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

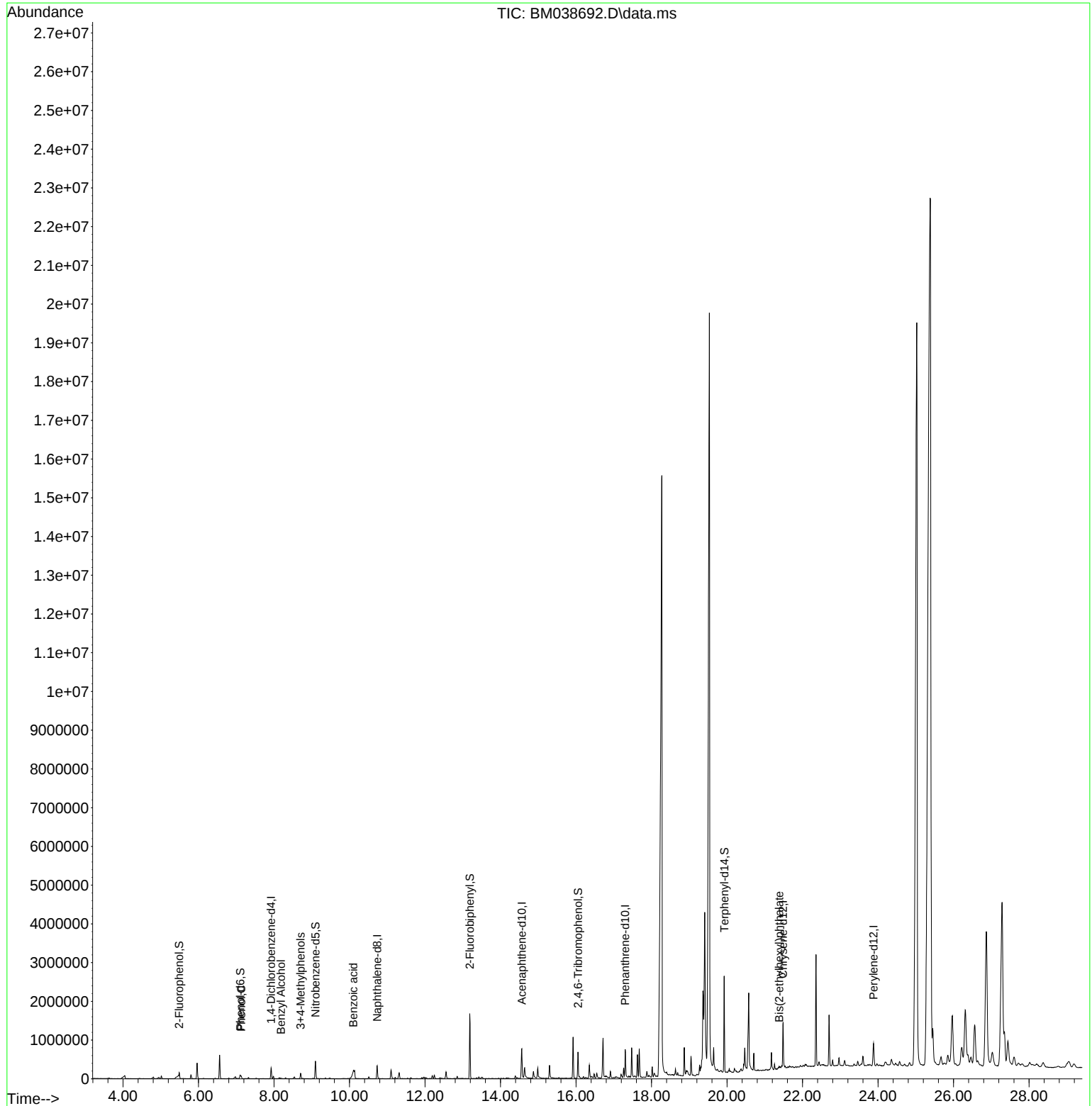
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	78255	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	280694	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	204963	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	427016	20.000	ng	0.00
76) Chrysene-d12	21.486	240	348055	20.000	ng	0.00
86) Perylene-d12	23.880	264	413999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	66406	16.623	ng	0.00
7) Phenol-d6	7.104	99	50356	11.052	ng	0.00
23) Nitrobenzene-d5	9.098	82	241123	48.793	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	122850	44.097	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	837853	52.042	ng	0.00
79) Terphenyl-d14	19.927	244	1075296	54.519	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.128	94	35920	7.804	ng	96
15) Benzyl Alcohol	8.181	79	8022	2.392	ng	91
20) 3+4-Methylphenols	8.704	107	59292	12.596	ng	92
32) Benzoic acid	10.098	122	81315	24.945	ng	97
84) Bis(2-ethylhexyl)phtha...	21.380	149	20280	2.508	ng	# 96

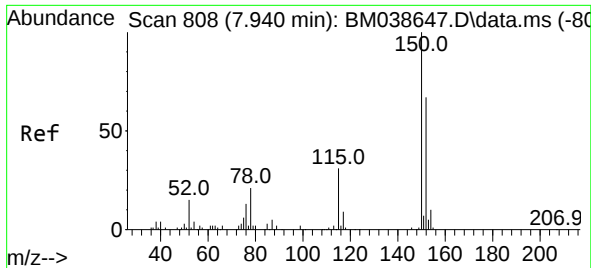
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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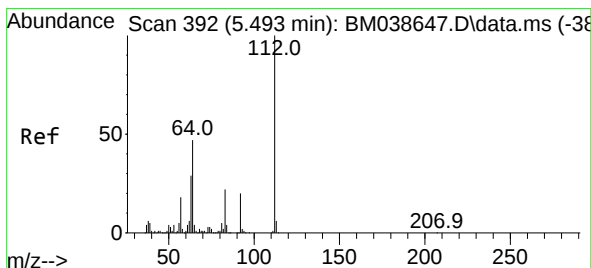
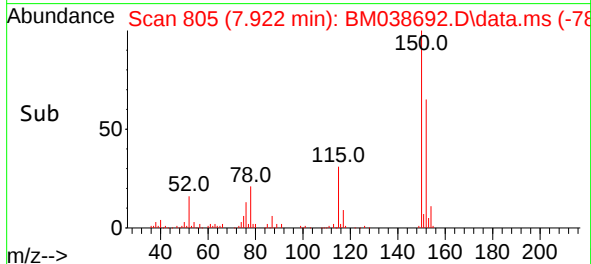
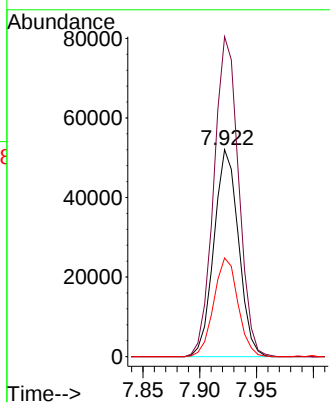
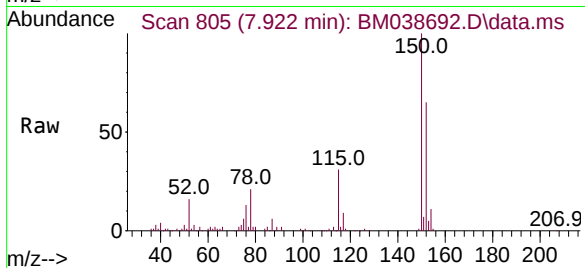




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 808
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

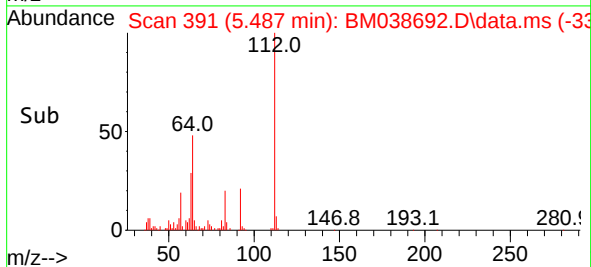
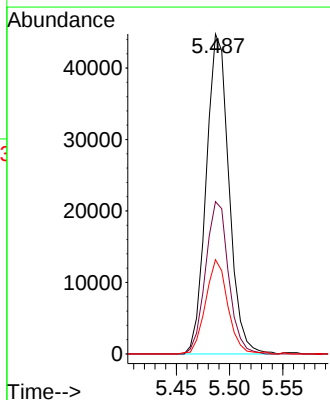
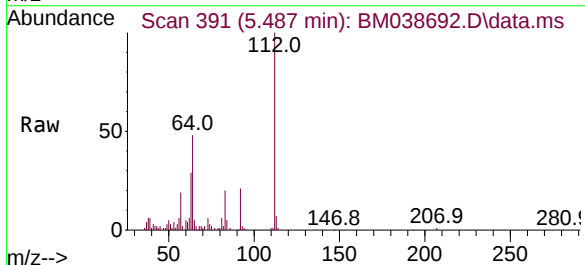
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

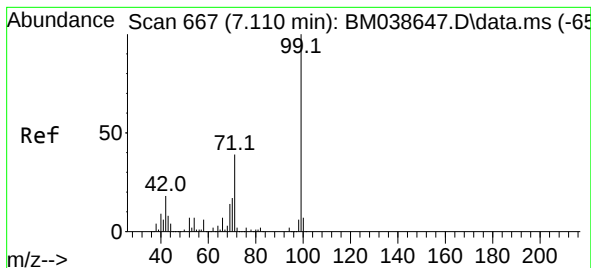
Tgt Ion:152 Resp: 78255
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 47.7 37.6 56.4



#5
2-Fluorophenol
Concen: 16.623 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion:112 Resp: 66406
Ion Ratio Lower Upper
112 100
64 47.6 37.9 56.9
63 29.4 23.3 34.9





#7

Phenol-d6

Concen: 11.052 ng

RT: 7.104 min Scan# 60

Delta R.T. 0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

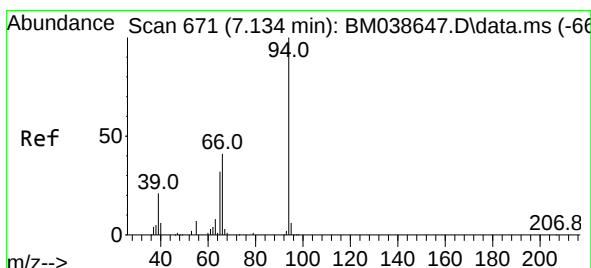
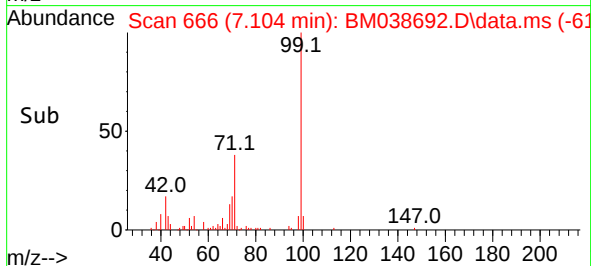
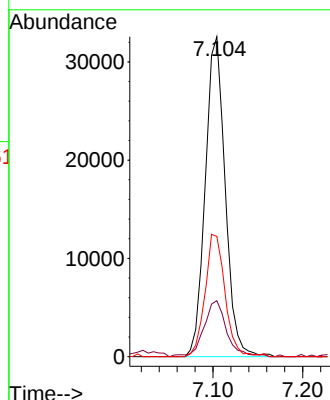
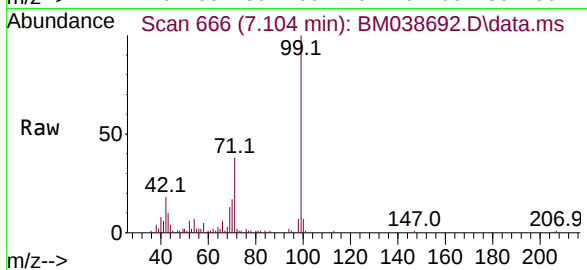
Tgt Ion: 99 Resp: 50356

Ion Ratio Lower Upper

99 100

42 17.5 14.6 22.0

71 37.6 31.0 46.4



#10

Phenol

Concen: 7.804 ng

RT: 7.128 min Scan# 670

Delta R.T. -0.000 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

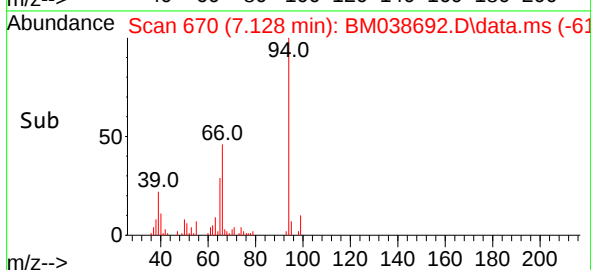
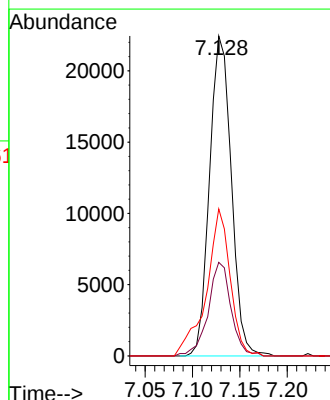
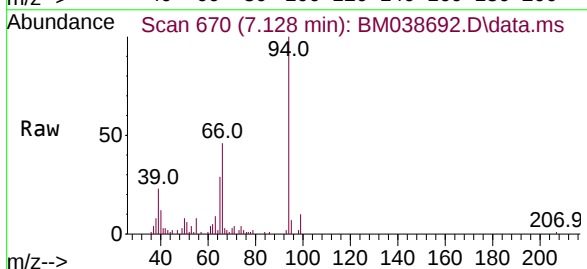
Tgt Ion: 94 Resp: 35920

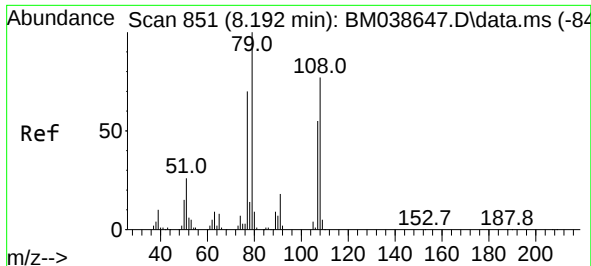
Ion Ratio Lower Upper

94 100

65 29.2 12.3 52.3

66 45.9 24.2 64.2

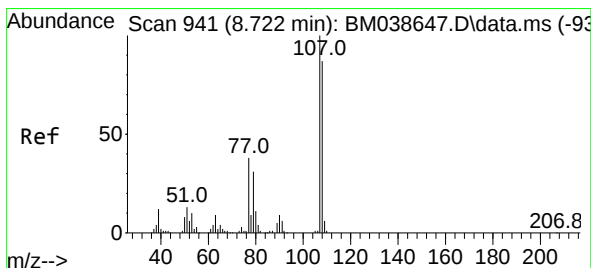
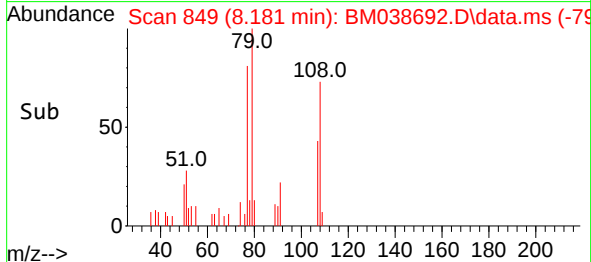
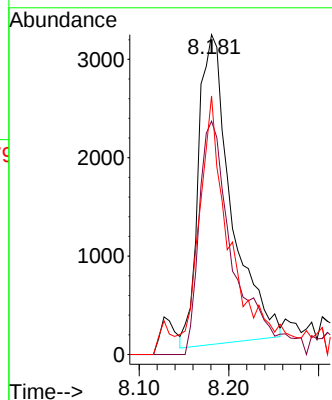
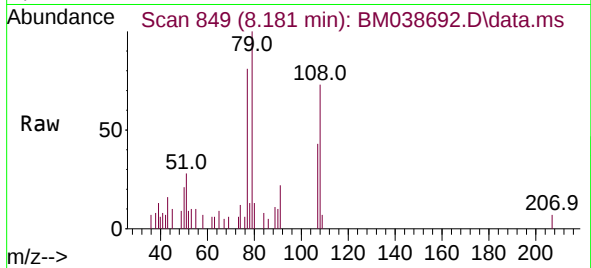




#15
Benzyl Alcohol
Concen: 2.392 ng
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

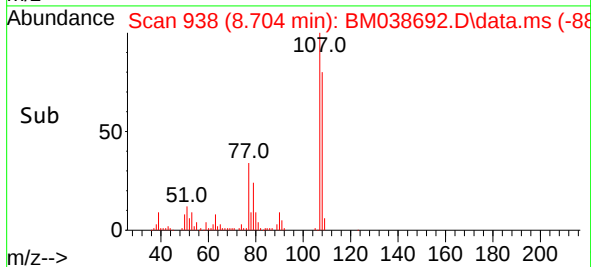
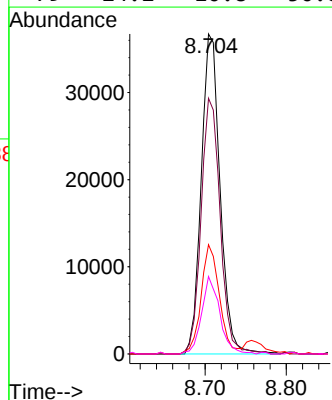
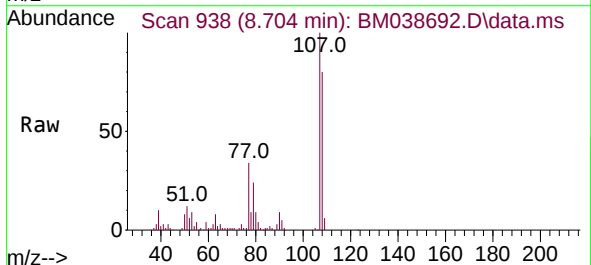
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

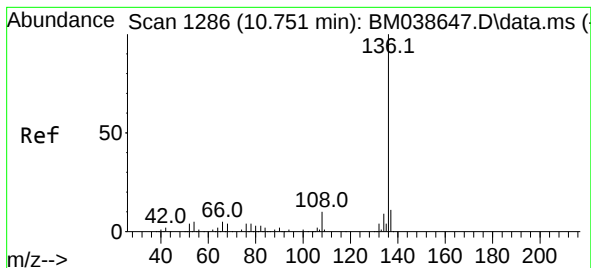
Tgt Ion: 79 Resp: 8022
Ion Ratio Lower Upper
79 100
108 72.9 61.9 92.9
77 80.8 55.8 83.8



#20
3+4-Methylphenols
Concen: 12.596 ng
RT: 8.704 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion: 107 Resp: 59292
Ion Ratio Lower Upper
107 100
108 79.9 67.2 107.2
77 34.1 17.5 57.5
79 24.2 10.8 50.8

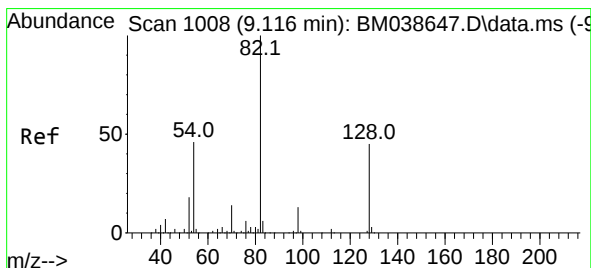
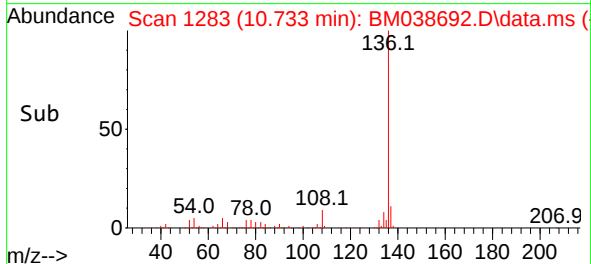
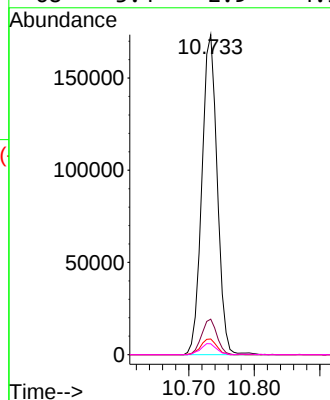
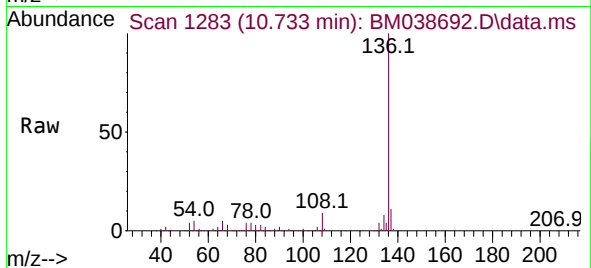




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

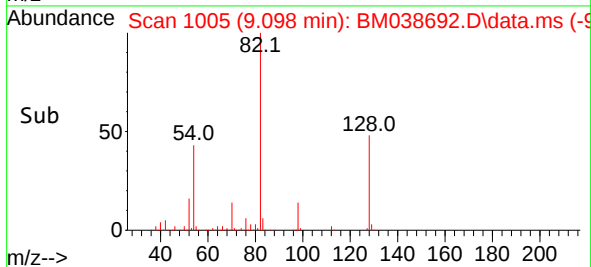
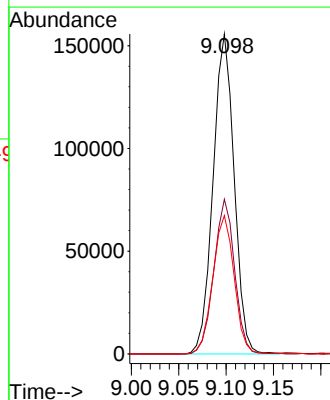
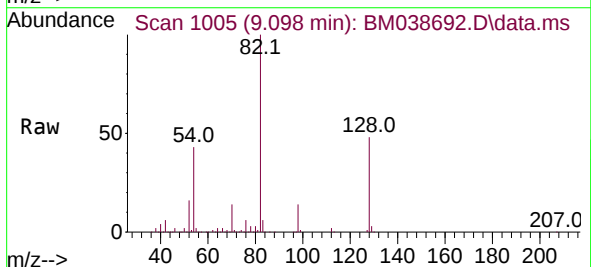
Instrument :
BNA_M
ClientSampleId :
MANHOLERE

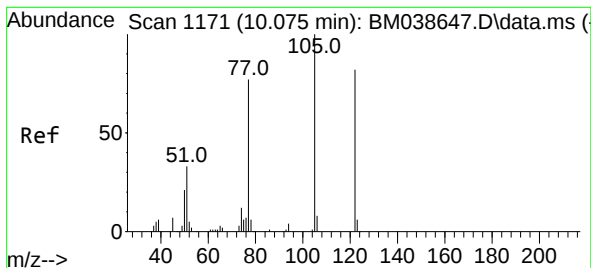
Tgt Ion:	136	Resp:	280694
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.9	4.2	6.4
68	3.4	2.9	4.3



#23
Nitrobenzene-d5
Concen: 48.793 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM038692.D
Acq: 03 Feb 2023 23:02

Tgt Ion:	82	Resp:	241123
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.0	54.0
54	43.2	36.8	55.2





#32

Benzoic acid

Concen: 24.945 ng

RT: 10.098 min Scan# 1175

Delta R.T. 0.029 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

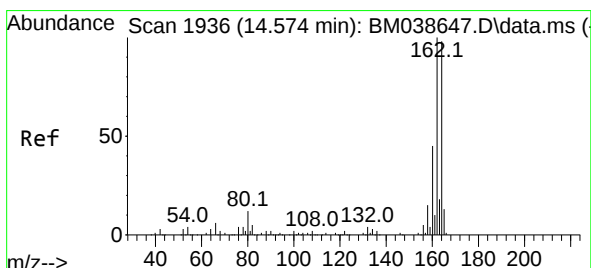
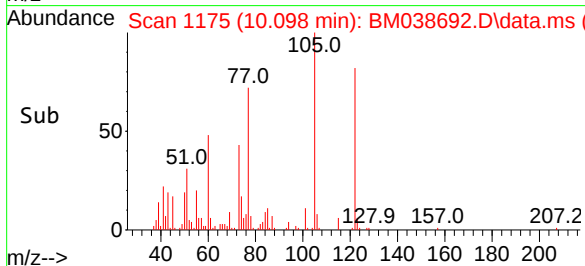
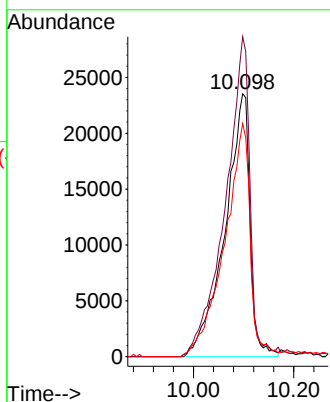
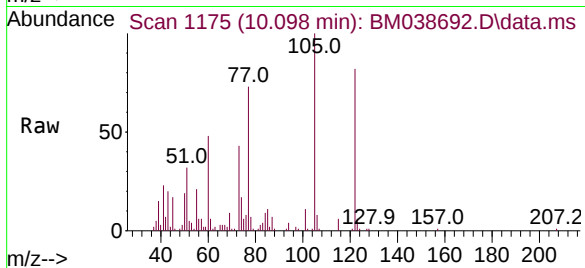
Tgt Ion:122 Resp: 81315

Ion Ratio Lower Upper

122 100

105 121.8 99.2 139.2

77 88.7 72.3 112.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

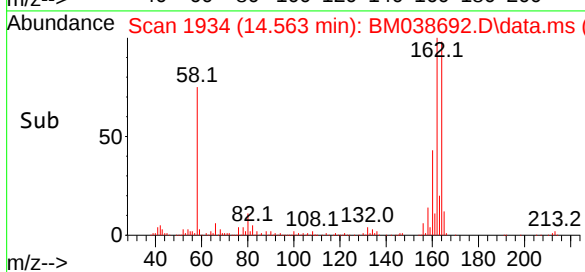
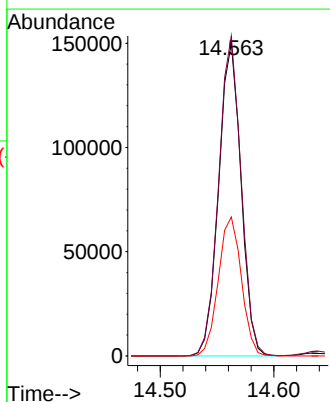
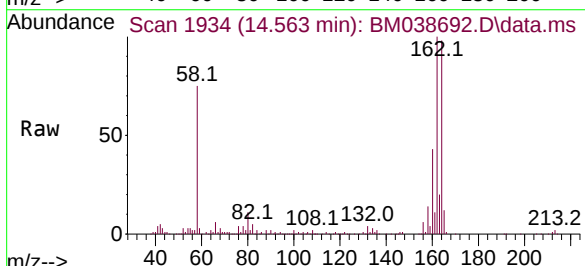
Tgt Ion:164 Resp: 204963

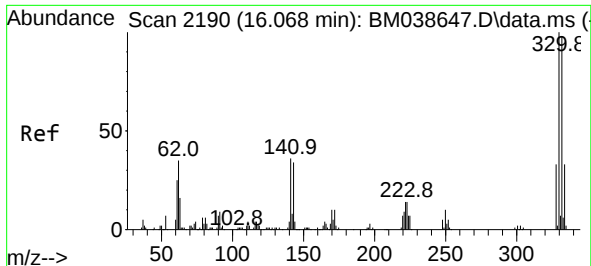
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 44.4 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 44.097 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

Instrument :

BNA_M

ClientSampleId :

MANHOLERE

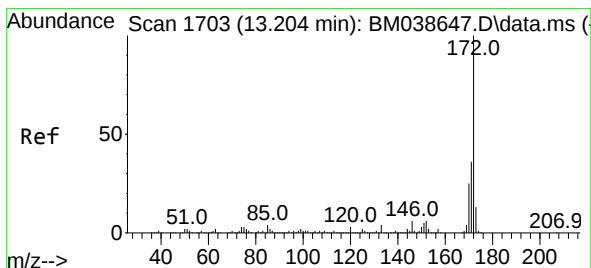
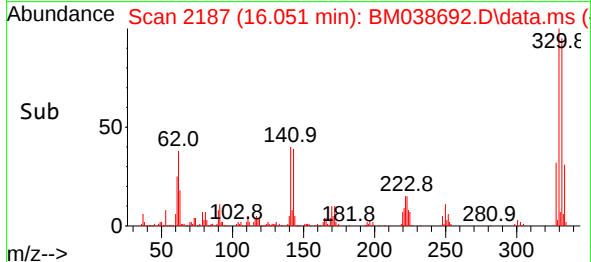
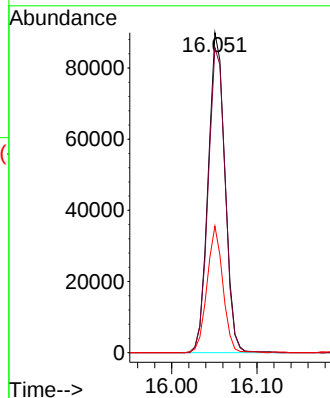
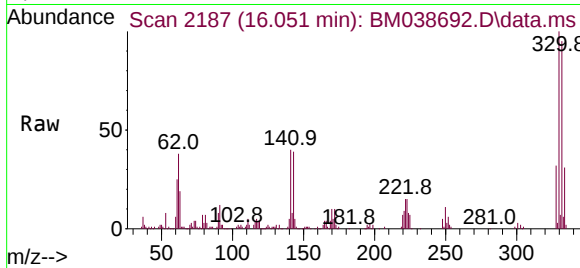
Tgt Ion:330 Resp: 122850

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

141 37.3 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 52.042 ng

RT: 13.186 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

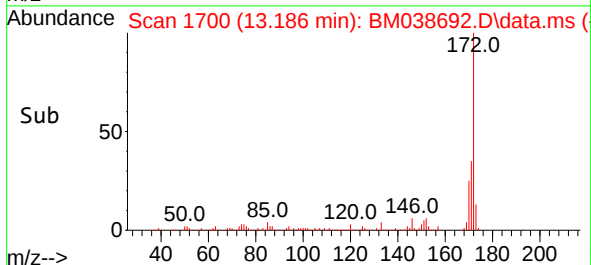
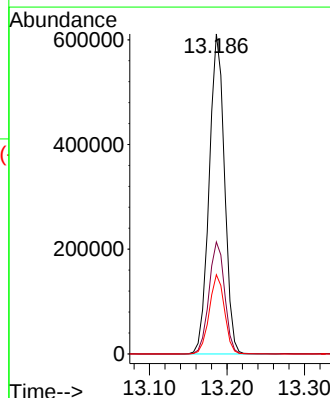
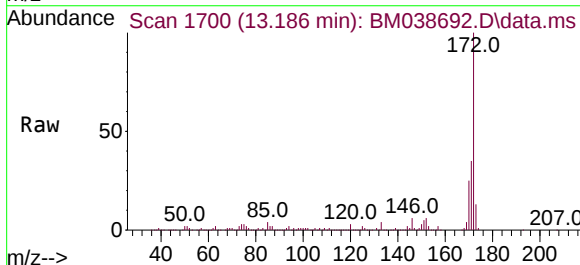
Tgt Ion:172 Resp: 837853

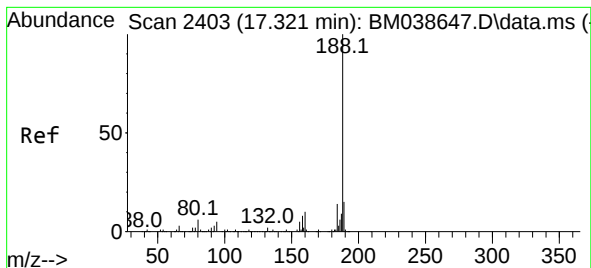
Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 24.7 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

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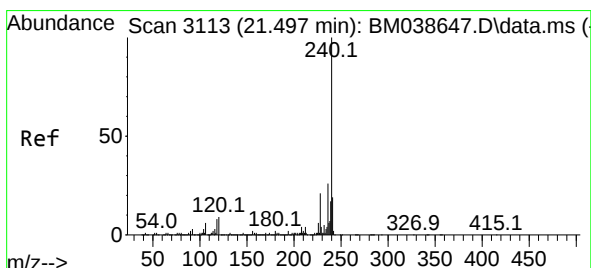
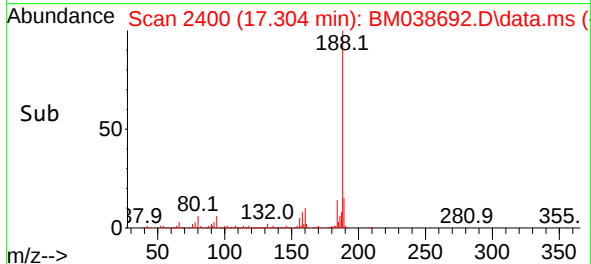
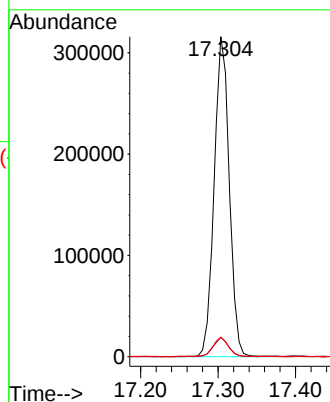
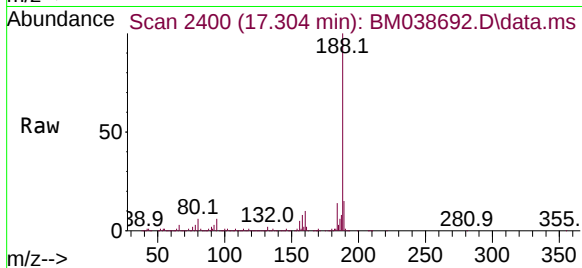
Tgt Ion:188 Resp: 427016

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

80 6.1 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038692.D

Acq: 03 Feb 2023 23:02

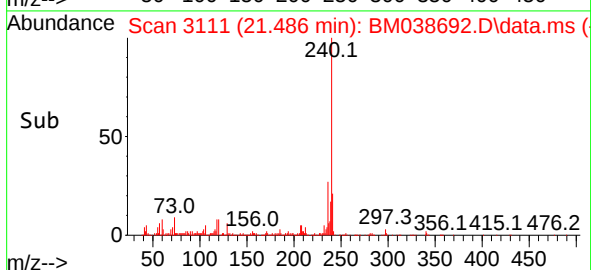
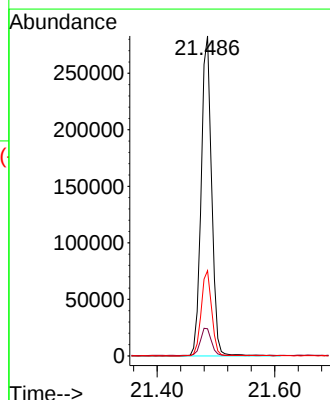
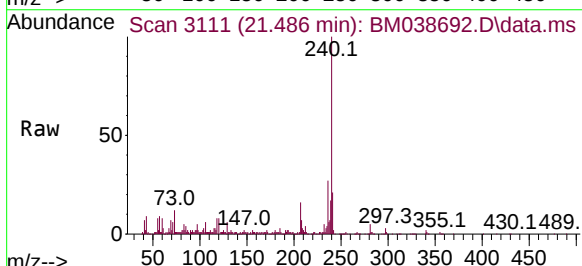
Tgt Ion:240 Resp: 348055

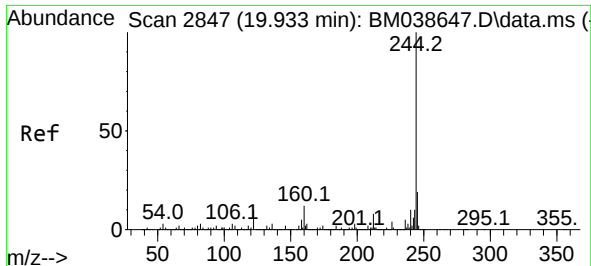
Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.4

236 26.6 20.9 31.3

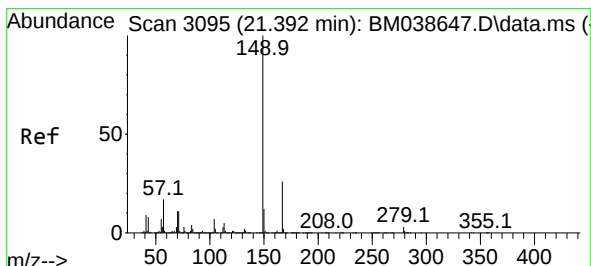
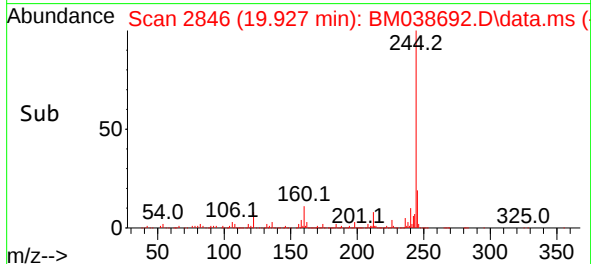
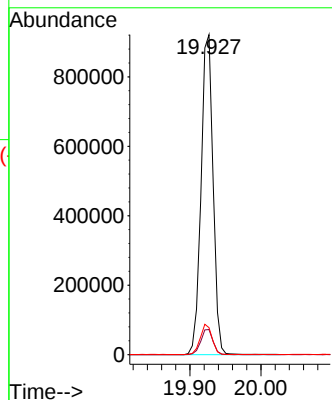
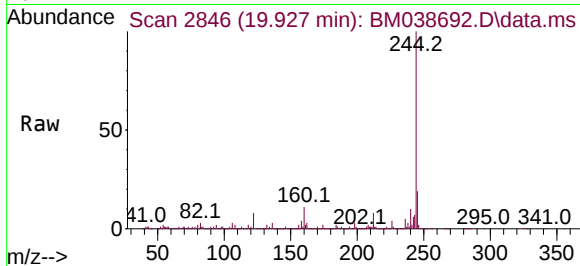




#79
 Terphenyl-d14
 Concen: 54.519 ng
 RT: 19.927 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: BM038692.D
 Acq: 03 Feb 2023 23:02

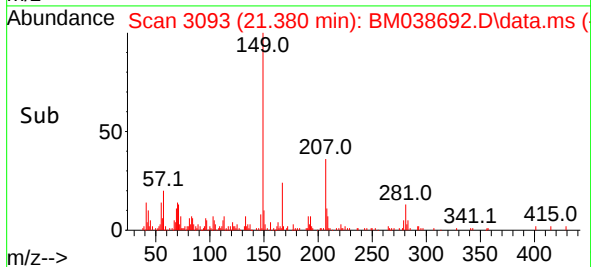
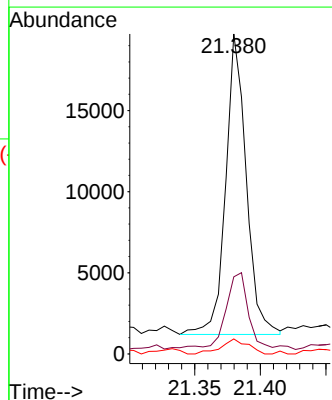
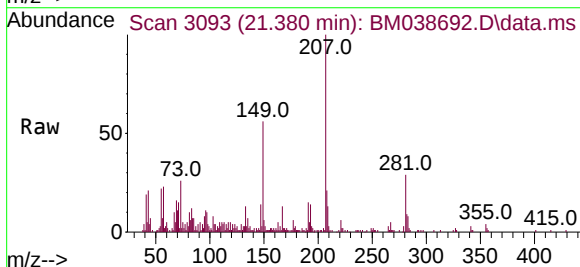
Instrument :
 BNA_M
 ClientSampleId :
 MANHOLERE

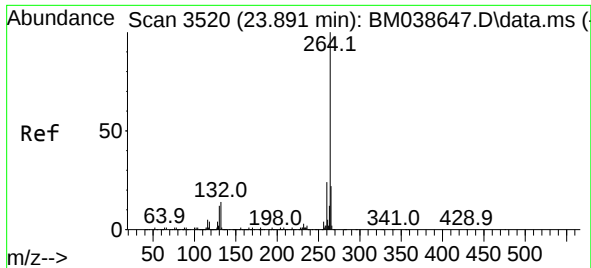
Tgt Ion:244 Resp: 1075296
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 8.4 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.508 ng
 RT: 21.380 min Scan# 3093
 Delta R.T. -0.006 min
 Lab File: BM038692.D
 Acq: 03 Feb 2023 23:02

Tgt Ion:149 Resp: 20280
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.8 31.2
 279 4.7 2.5 3.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.880 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM038692.D
 Acq: 03 Feb 2023 23:02

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLERE

Tgt Ion:264 Resp: 413999
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 22.4 17.9 26.9

