

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
 Data File : BM046343.D
 Acq On : 27 Jun 2024 22:51
 Operator : MA/JU
 Sample : PB161688TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161688TB

Quant Time: Jun 28 04:27:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

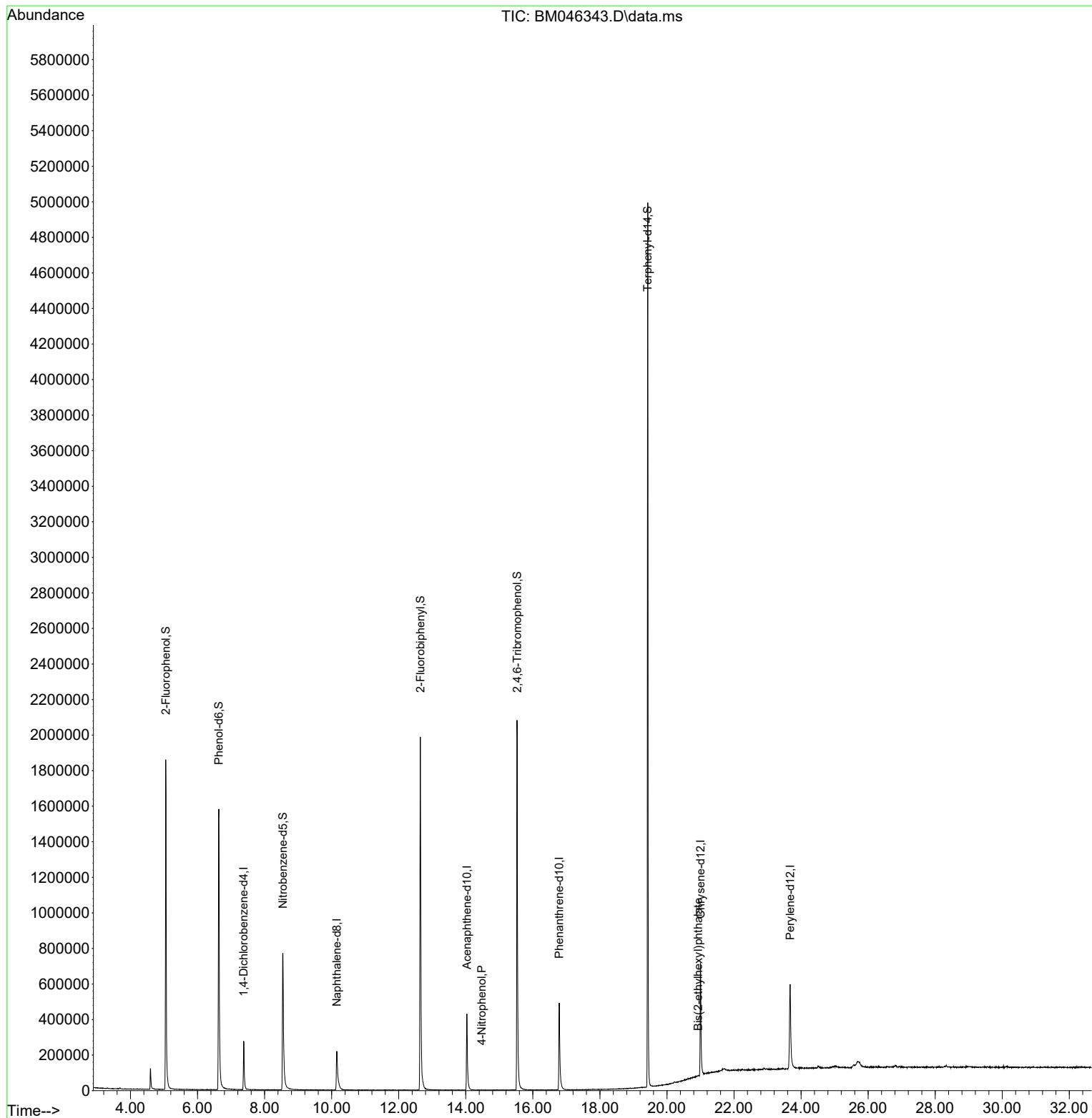
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	71759	20.000	ng	0.00
21) Naphthalene-d8	10.151	136	283429	20.000	ng	0.02
39) Acenaphthene-d10	14.033	164	188494	20.000	ng	0.01
64) Phenanthrene-d10	16.786	188	405442	20.000	ng	0.01
76) Chrysene-d12	20.998	240	371443	20.000	ng	0.00
86) Perylene-d12	23.674	264	461383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	709467	158.922	ng	0.00
7) Phenol-d6	6.634	99	885256	139.589	ng	0.00
23) Nitrobenzene-d5	8.545	82	597532	87.398	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	325074	141.810	ng	0.00
45) 2-Fluorobiphenyl	12.645	172	1160960	83.480	ng	0.01
79) Terphenyl-d14	19.427	244	2042665	90.985	ng	0.00
Target Compounds						
56) 4-Nitrophenol	14.474	139	64	3.670	ng	# 1
84) Bis(2-ethylhexyl)phtha...	20.933	149	1683	2.515	ng	# 77

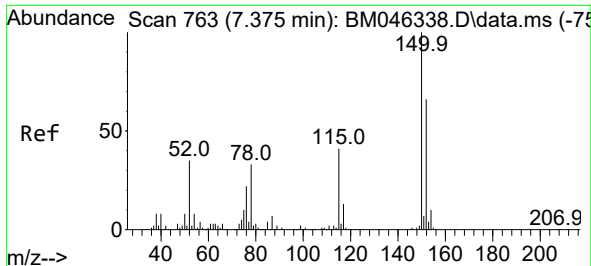
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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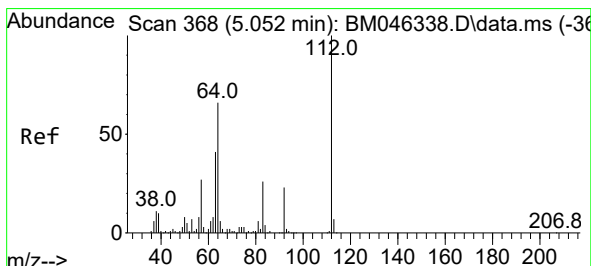
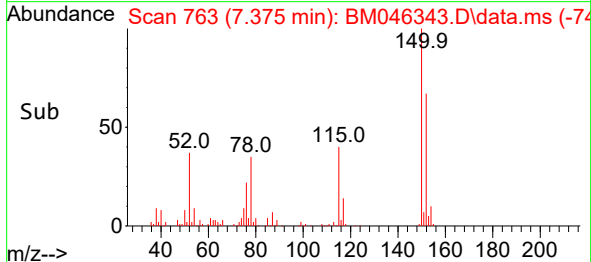
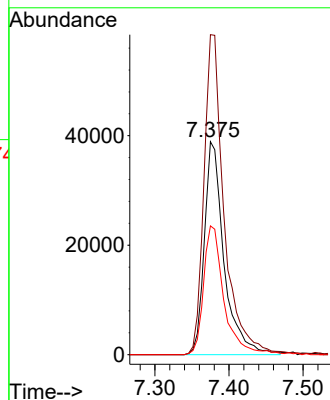
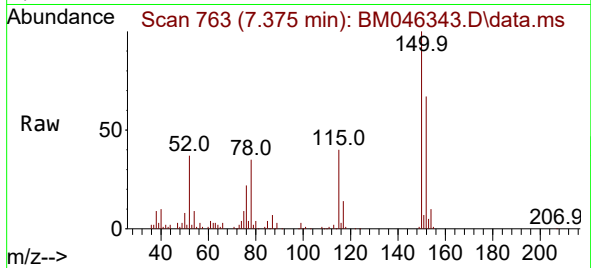




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

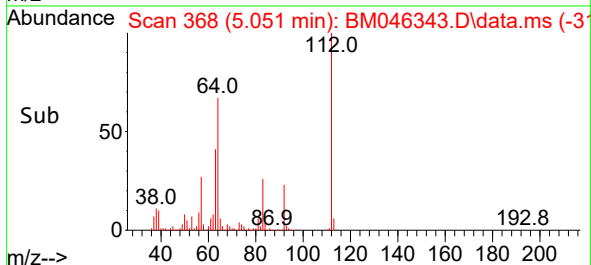
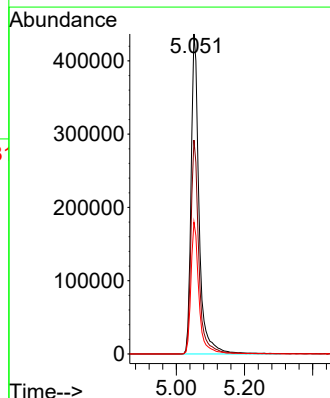
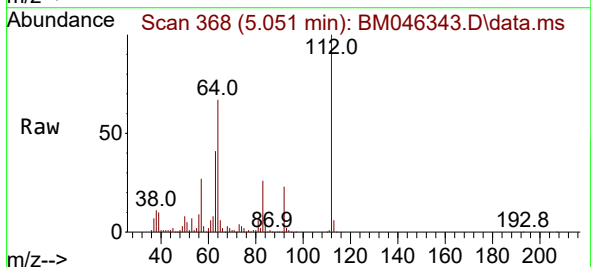
Instrument :
BNA_M
ClientSampleId :
PB161688TB

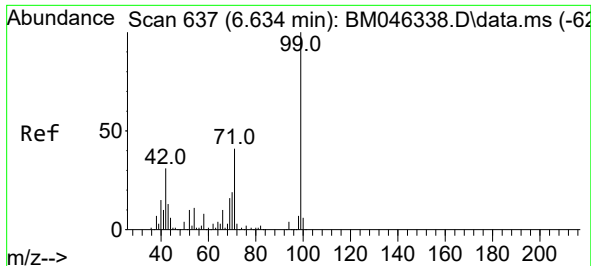
Tgt Ion:152 Resp: 71759
Ion Ratio Lower Upper
152 100
150 150.2 122.1 183.1
115 60.4 50.2 75.4



#5
2-Fluorophenol
Concen: 158.922 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Tgt Ion:112 Resp: 709467
Ion Ratio Lower Upper
112 100
64 66.8 52.8 79.2
63 41.2 32.9 49.3

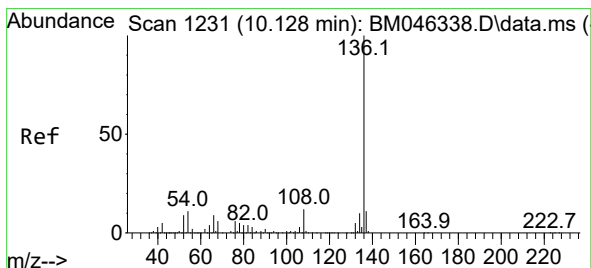
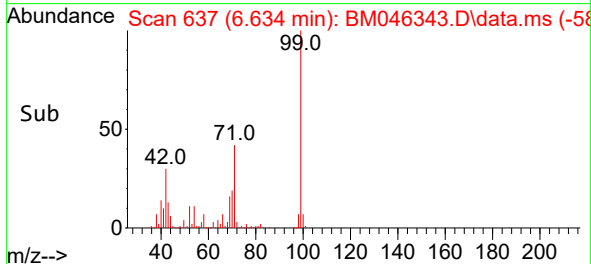
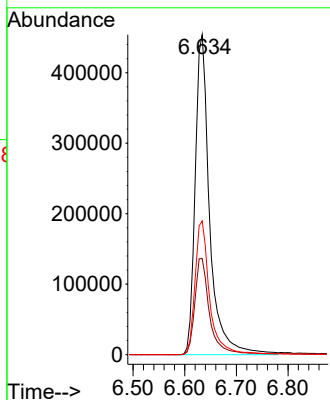
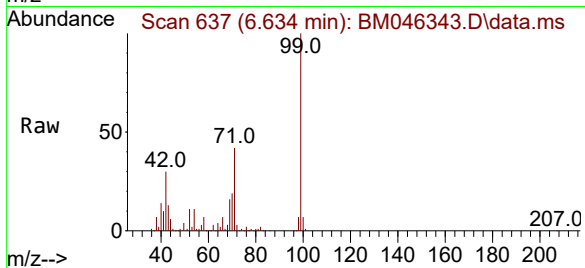




#7
Phenol-d6
Concen: 139.589 ng
RT: 6.634 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

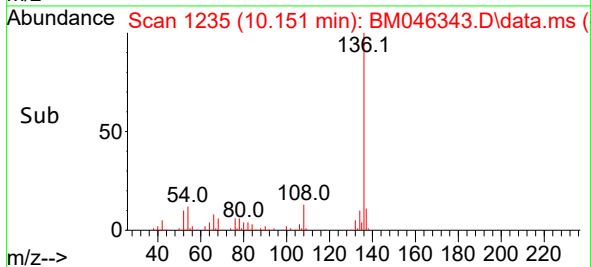
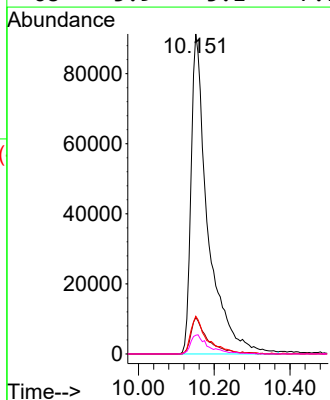
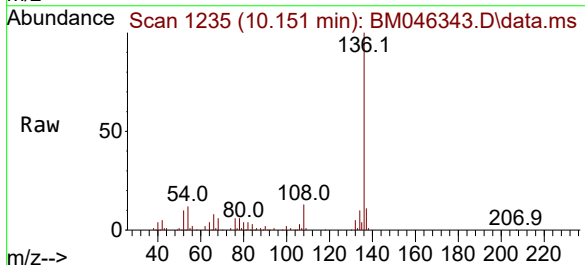
Instrument :
BNA_M
ClientSampleId :
PB161688TB

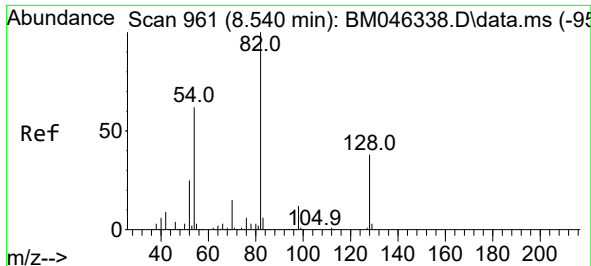
Tgt Ion: 99 Resp: 885256
Ion Ratio Lower Upper
99 100
42 30.1 24.8 37.2
71 41.8 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.151 min Scan# 1235
Delta R.T. 0.023 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Tgt Ion:136 Resp: 283429
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.8 9.0 13.4
68 5.9 5.1 7.7

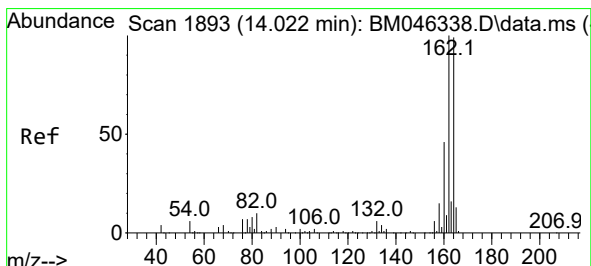
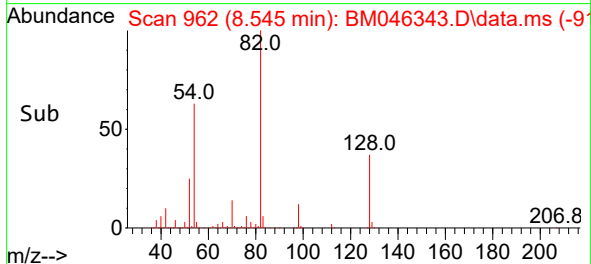
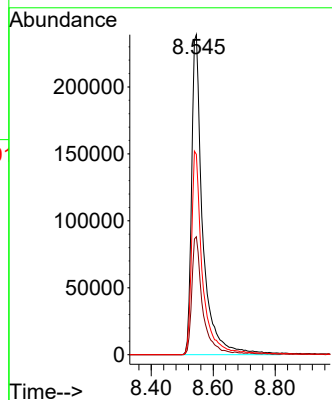
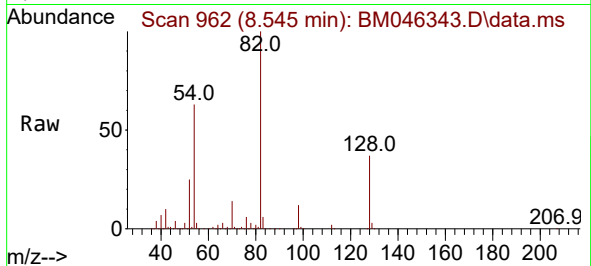




#23
Nitrobenzene-d5
Concen: 87.398 ng
RT: 8.545 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

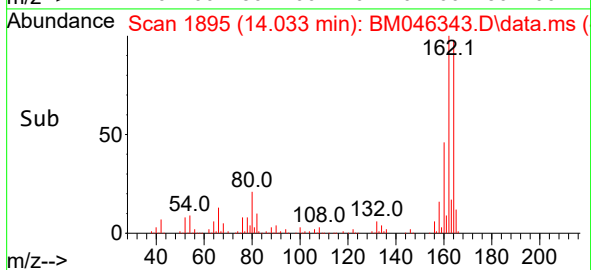
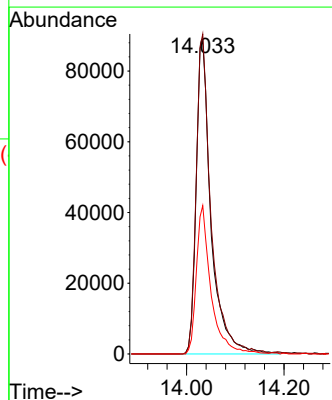
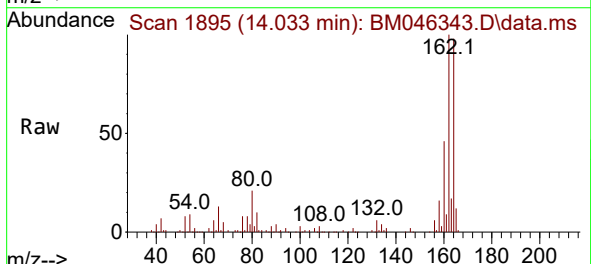
Instrument :
BNA_M
ClientSampleId :
PB161688TB

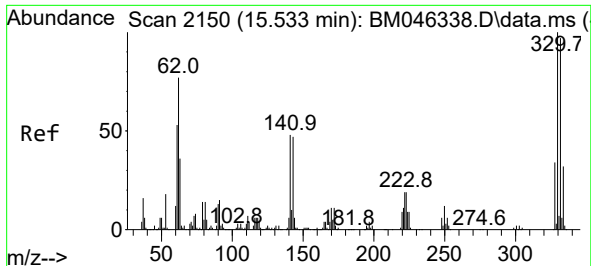
Tgt Ion: 82 Resp: 597532
Ion Ratio Lower Upper
82 100
128 36.9 30.6 46.0
54 62.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.033 min Scan# 1895
Delta R.T. 0.011 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Tgt Ion:164 Resp: 188494
Ion Ratio Lower Upper
164 100
162 102.4 80.5 120.7
160 47.5 37.0 55.6

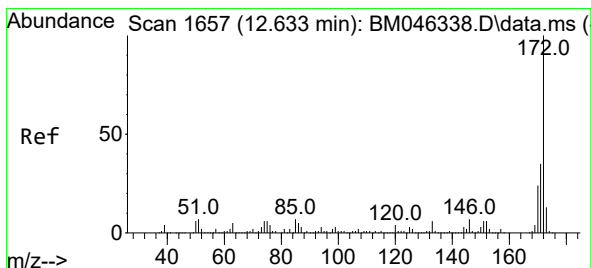
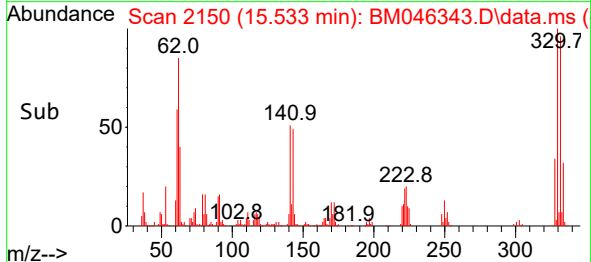
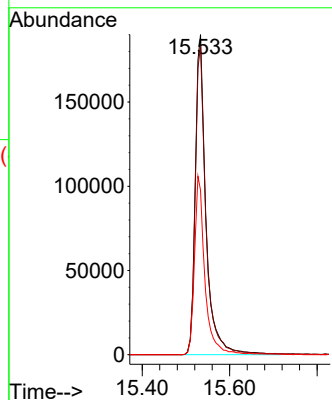
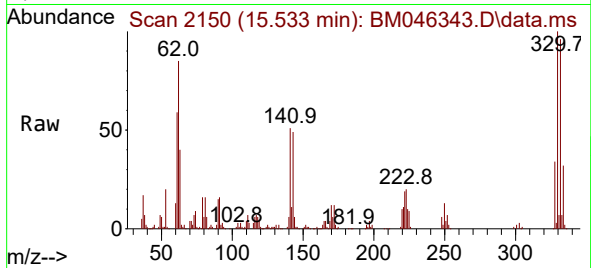




#42
2,4,6-Tribromophenol
Concen: 141.810 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

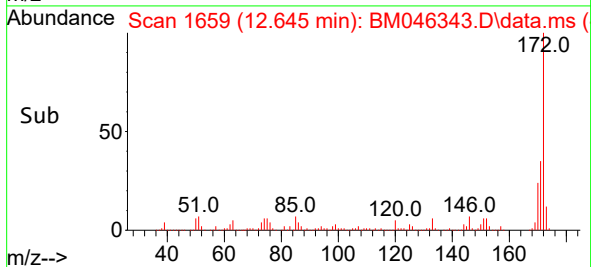
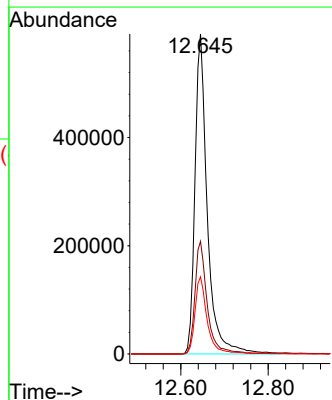
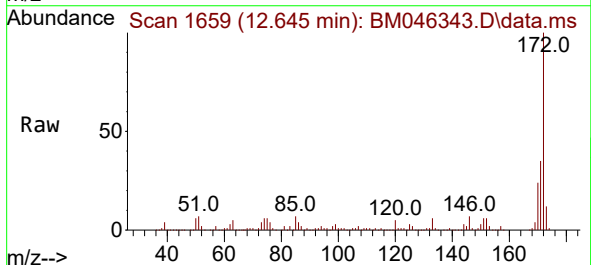
Instrument :
BNA_M
ClientSampleId :
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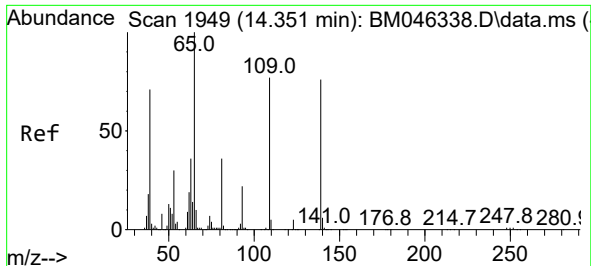
Tgt Ion:330 Resp: 325074
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 54.4 43.2 64.8



#45
2-Fluorobiphenyl
Concen: 83.480 ng
RT: 12.645 min Scan# 1659
Delta R.T. 0.012 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Tgt Ion:172 Resp: 1160960
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.1 19.4 29.0

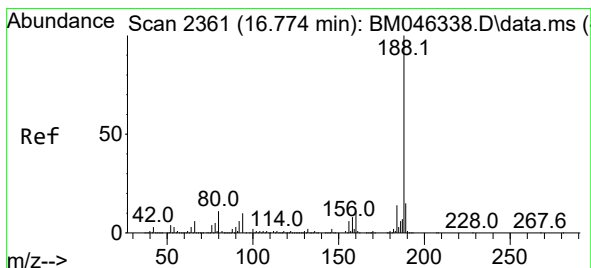
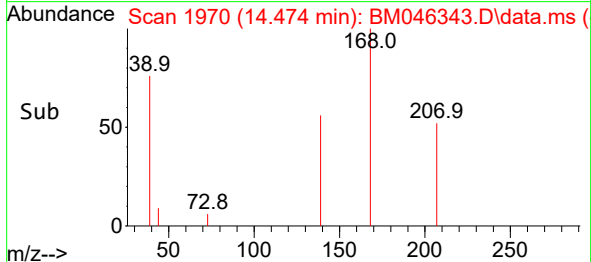
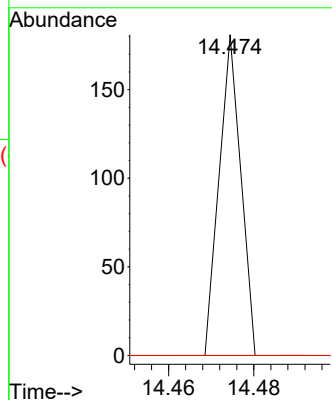
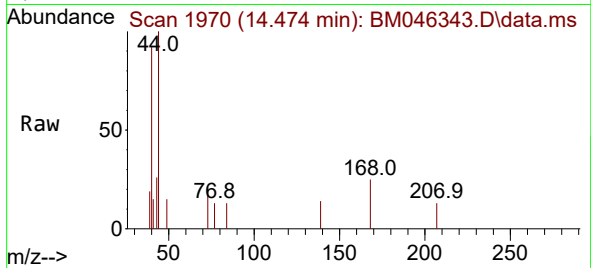




#56
4-Nitrophenol
Concen: 3.670 ng
RT: 14.474 min Scan# 1949
Delta R.T. 0.123 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

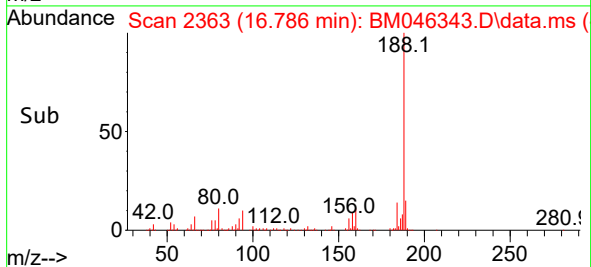
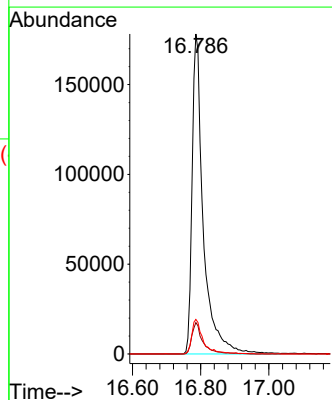
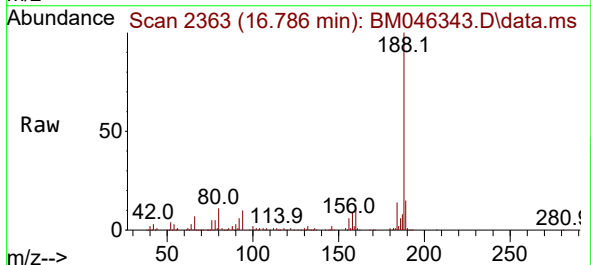
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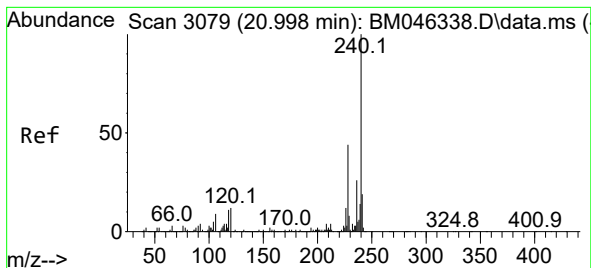
Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 0.0 82.0 122.0#
65 0.0 112.0 152.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. 0.012 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Tgt Ion:188 Resp: 405442
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.8 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.998 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BM046343.D

Acq: 27 Jun 2024 22:51

Instrument :

BNA_M

ClientSampleId :

PB161688TB

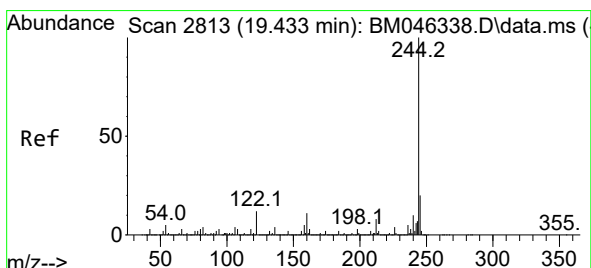
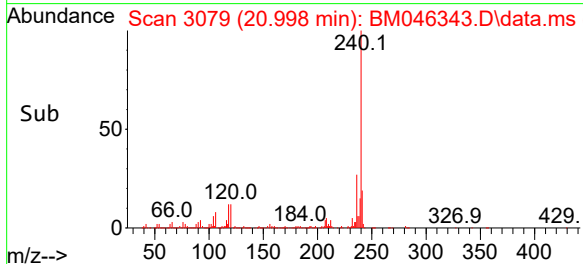
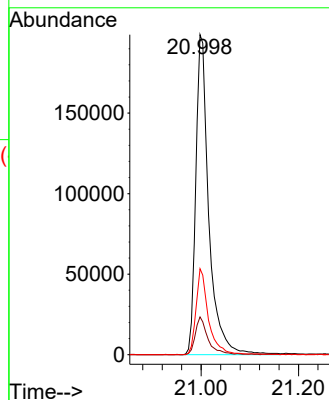
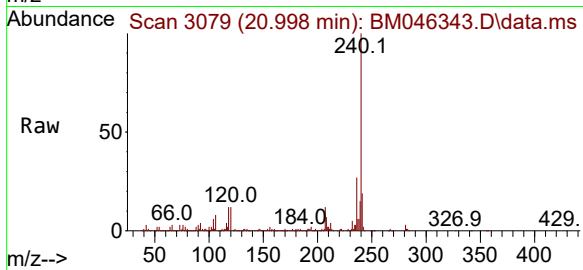
Tgt Ion:240 Resp: 371443

Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

236 26.8 20.5 30.7



#79

Terphenyl-d14

Concen: 90.985 ng

RT: 19.427 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM046343.D

Acq: 27 Jun 2024 22:51

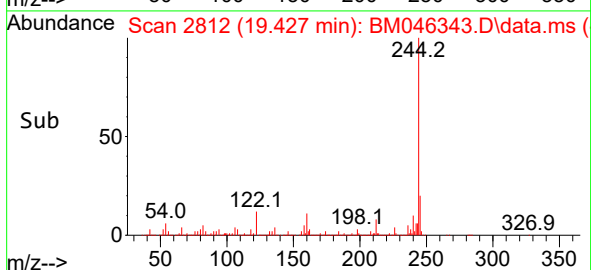
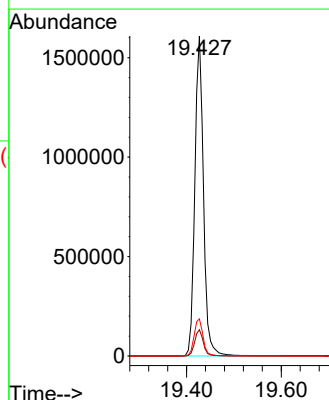
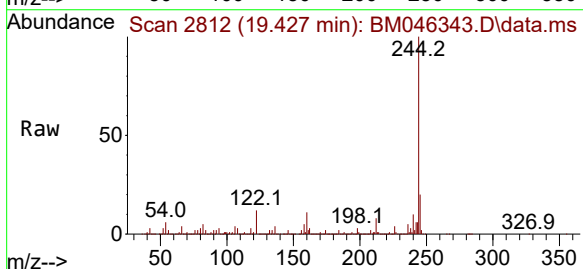
Tgt Ion:244 Resp: 2042665

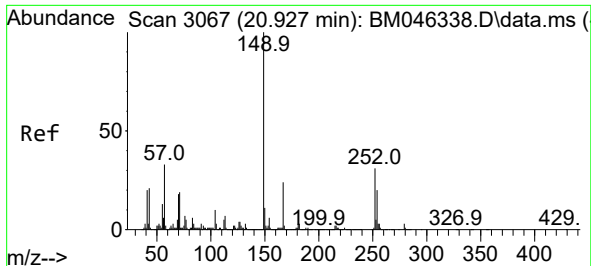
Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.6 9.4 14.0

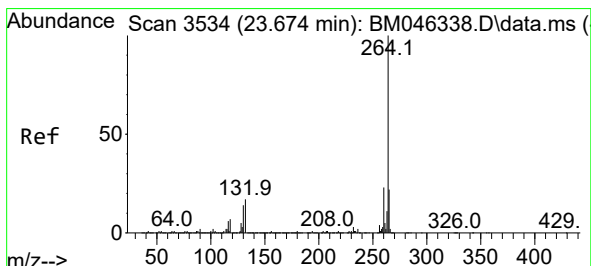
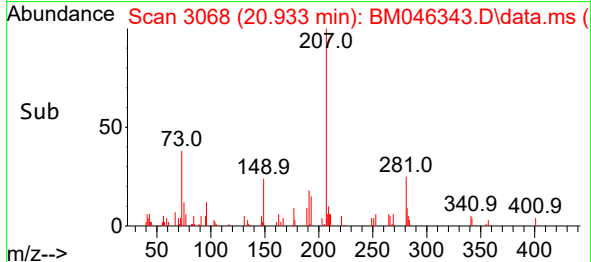
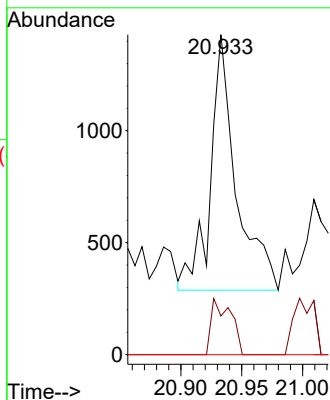
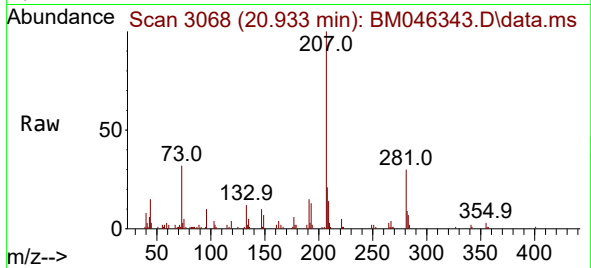




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.515 ng
RT: 20.933 min Scan# 3068
Delta R.T. 0.006 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Instrument :
BNA_M
ClientSampleId :
PB161688TB

Tgt Ion:149 Resp: 1683
Ion Ratio Lower Upper
149 100
167 12.1 19.6 29.4#
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046343.D
Acq: 27 Jun 2024 22:51

Tgt Ion:264 Resp: 461383
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.3 17.7 26.5

