

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041369.D
 Acq On : 10 Aug 2023 19:02
 Operator : MA/JU
 Sample : 03955-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-27

Quant Time: Aug 11 03:35:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

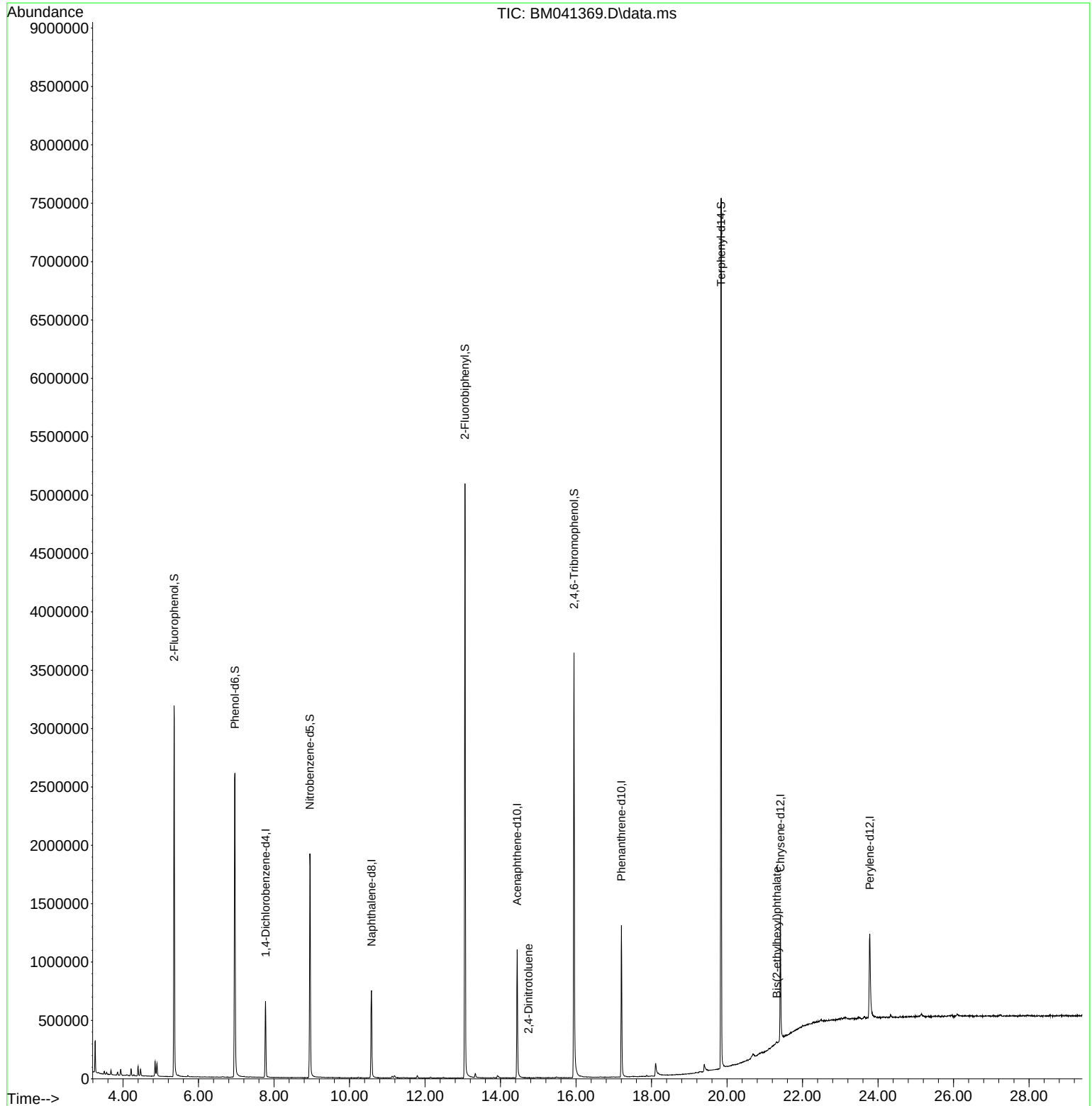
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	168194	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	644583	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	396647	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	812634	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	603209	20.000	ng	0.00
86) Perylene-d12	23.780	264	697800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1305916	116.045	ng	0.00
7) Phenol-d6	6.963	99	1484786	101.786	ng	0.00
23) Nitrobenzene-d5	8.951	82	1136437	81.990	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	738783	131.682	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2624785	83.595	ng	0.00
79) Terphenyl-d14	19.845	244	3570849	107.032	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.739	165	59	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	3496	2.674	ng	# 91

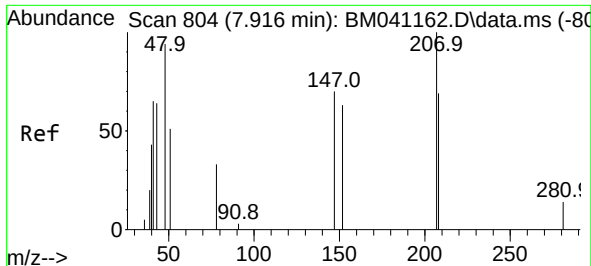
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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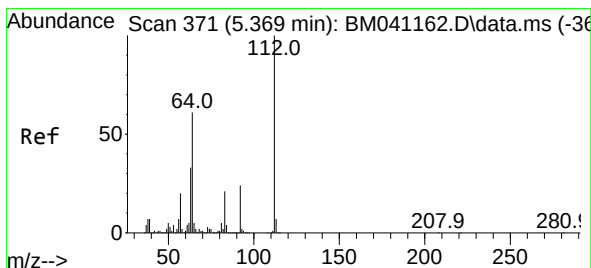
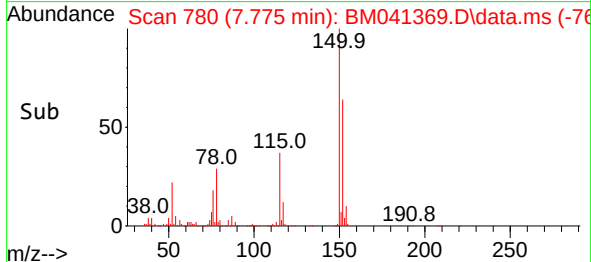
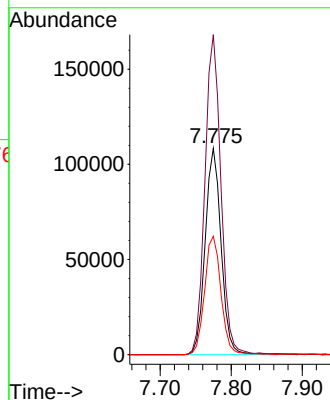
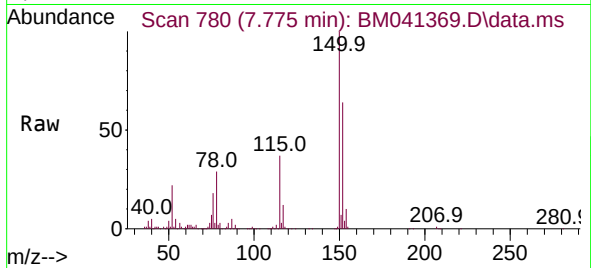




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

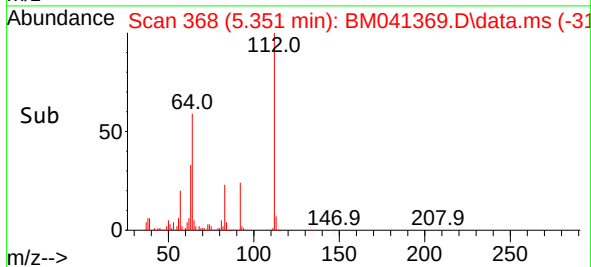
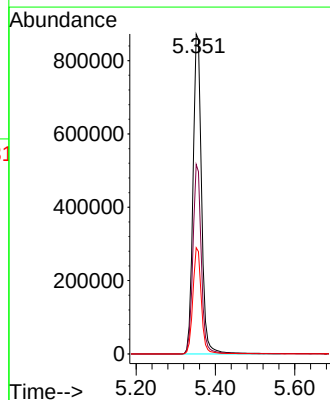
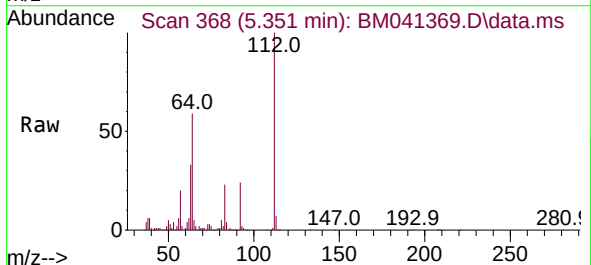
Instrument :
BNA_M
ClientSampleId :
WC-27

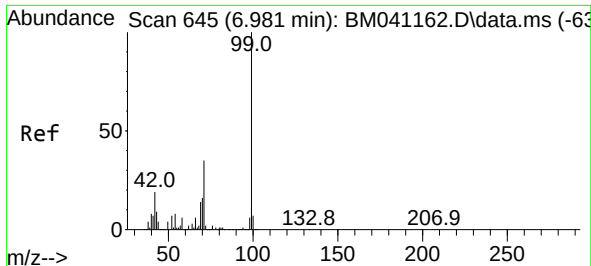
Tgt Ion:152 Resp: 168194
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 57.3 48.0 72.0



#5
2-Fluorophenol
Concen: 116.045 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

Tgt Ion:112 Resp: 1305916
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 33.2 26.5 39.7

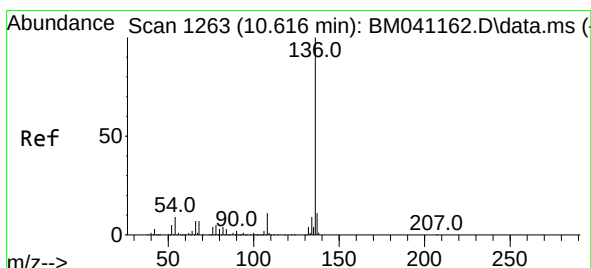
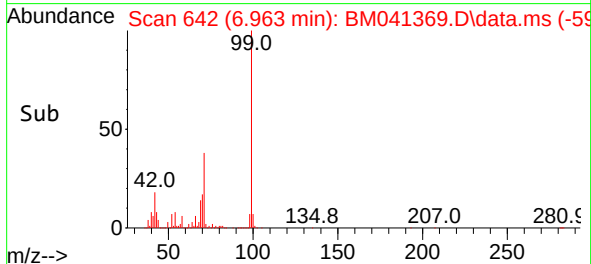
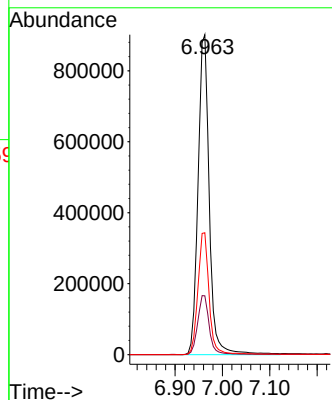
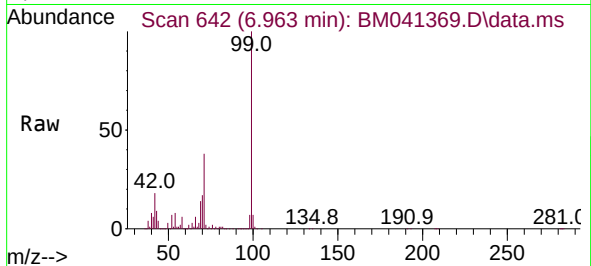




#7
Phenol-d6
Concen: 101.786 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

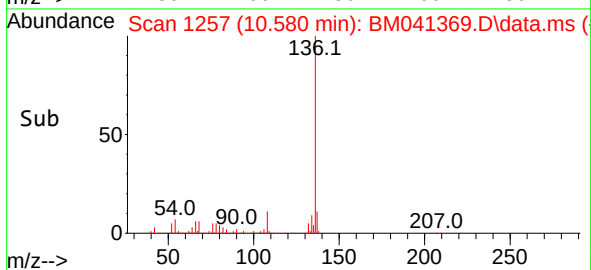
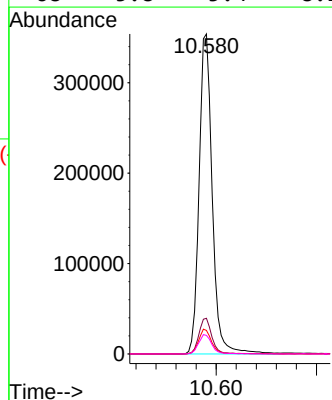
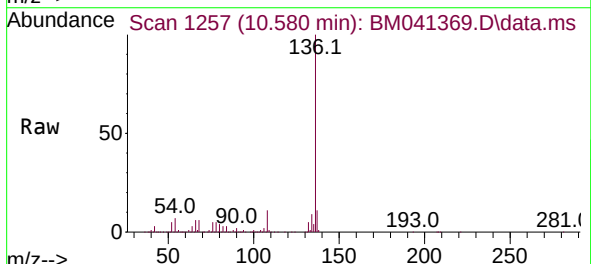
Instrument :
BNA_M
ClientSampleId :
WC-27

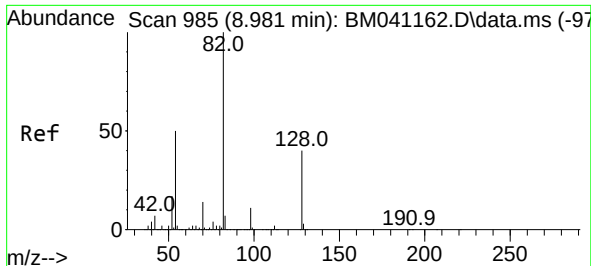
Tgt Ion: 99 Resp: 1484786
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 38.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

Tgt Ion:136 Resp: 644583
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 6.9 10.3
68 5.8 5.4 8.2

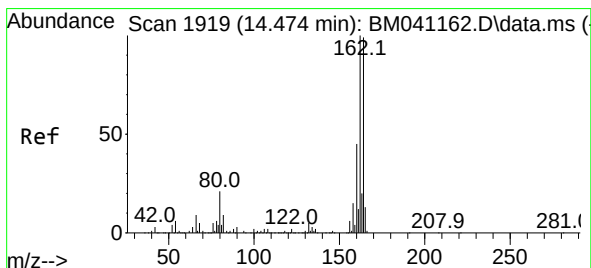
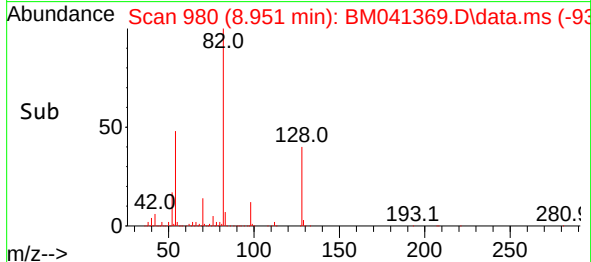
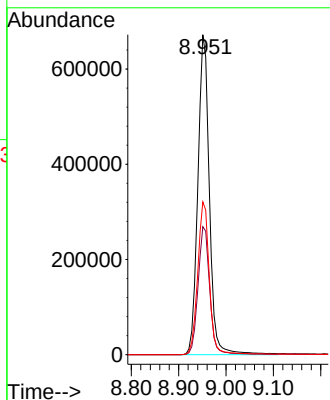
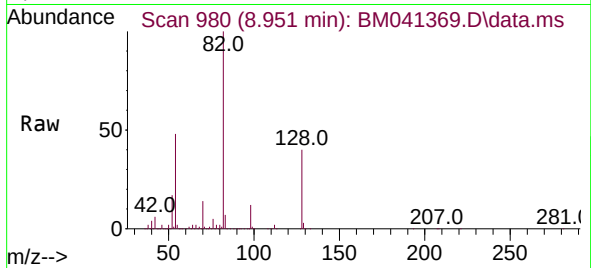




#23
 Nitrobenzene-d5
 Concen: 81.990 ng
 RT: 8.951 min Scan# 981
 Delta R.T. -0.006 min
 Lab File: BM041369.D
 Acq: 10 Aug 2023 19:02

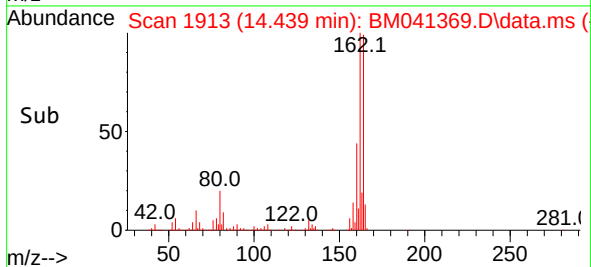
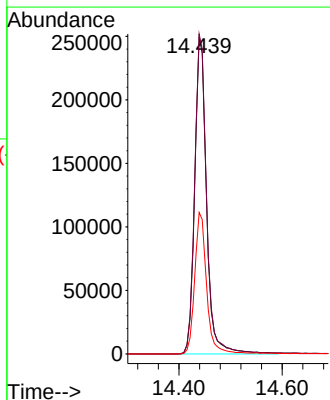
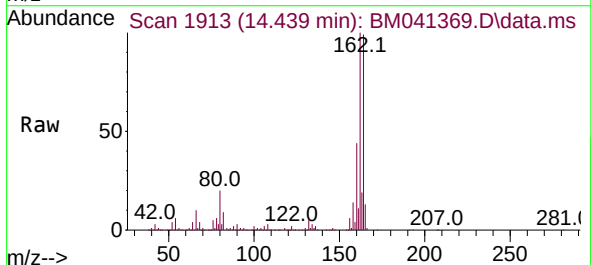
Instrument :
 BNA_M
 ClientSampleId :
 WC-27

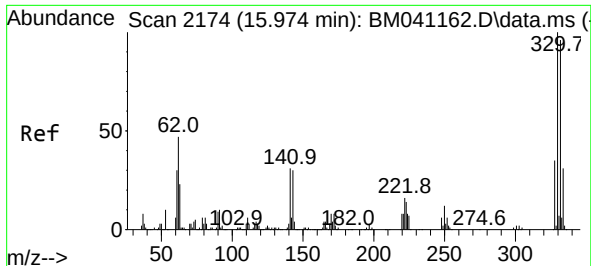
Tgt Ion: 82 Resp: 1136437
 Ion Ratio Lower Upper
 82 100
 128 40.0 31.8 47.6
 54 47.7 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.439 min Scan# 1913
 Delta R.T. -0.006 min
 Lab File: BM041369.D
 Acq: 10 Aug 2023 19:02

Tgt Ion: 164 Resp: 396647
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.4 120.6
 160 44.6 36.2 54.2

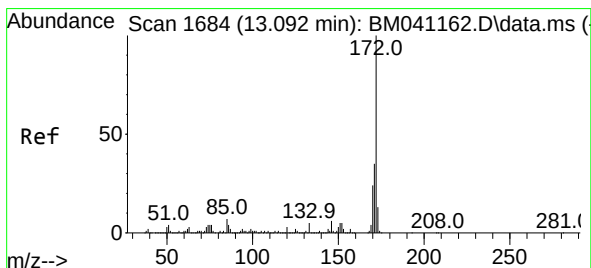
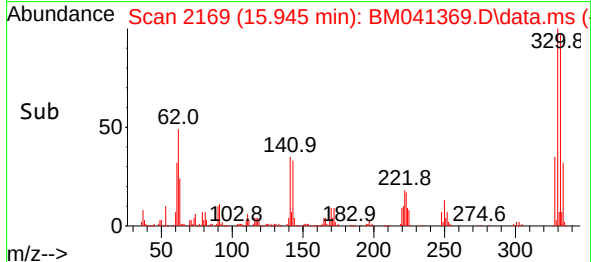
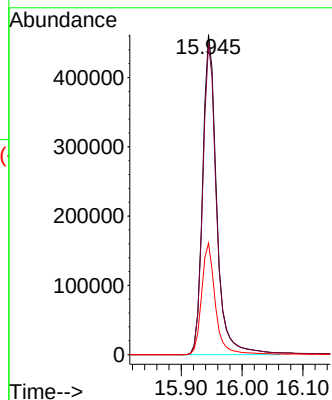
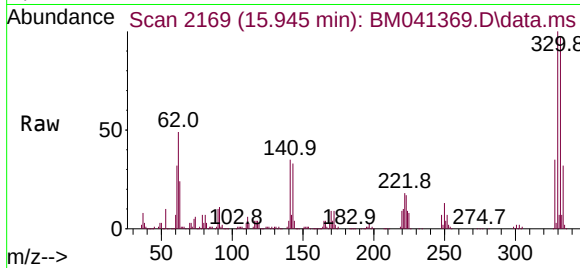




#42
 2,4,6-Tribromophenol
 Concen: 131.682 ng
 RT: 15.945 min Scan# 2174
 Delta R.T. -0.006 min
 Lab File: BM041369.D
 Acq: 10 Aug 2023 19:02

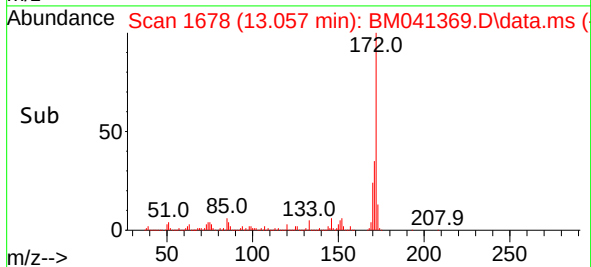
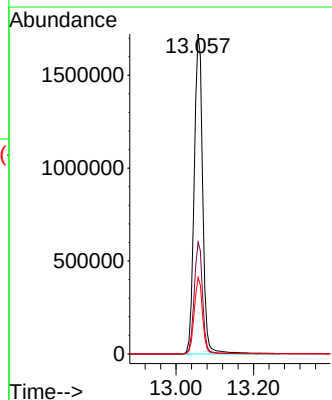
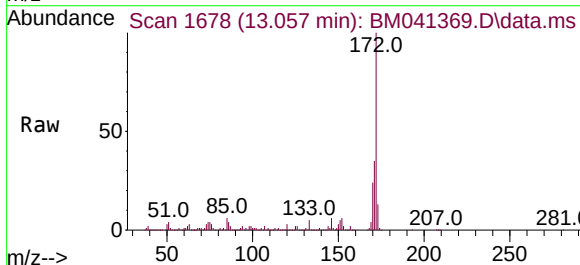
Instrument :
 BNA_M
 ClientSampleId :
 WC-27

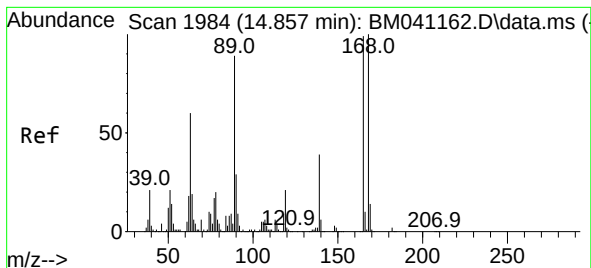
Tgt Ion:330 Resp: 738783
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.7 116.5
 141 34.3 28.3 42.5



#45
 2-Fluorobiphenyl
 Concen: 83.595 ng
 RT: 13.057 min Scan# 1678
 Delta R.T. -0.006 min
 Lab File: BM041369.D
 Acq: 10 Aug 2023 19:02

Tgt Ion:172 Resp: 2624785
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.9 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.677 ng

RT: 14.739 min Scan# 1984

Delta R.T. -0.106 min

Lab File: BM041369.D

Acq: 10 Aug 2023 19:02

Instrument :

BNA_M

ClientSampleId :

WC-27

Tgt Ion:165 Resp: 59

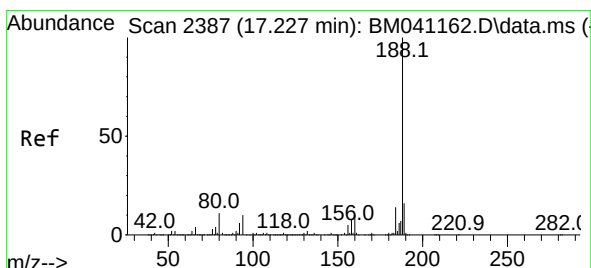
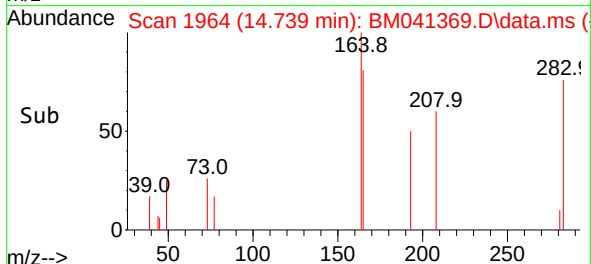
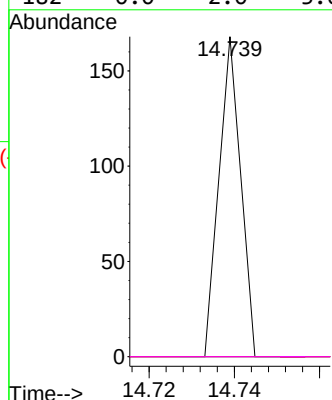
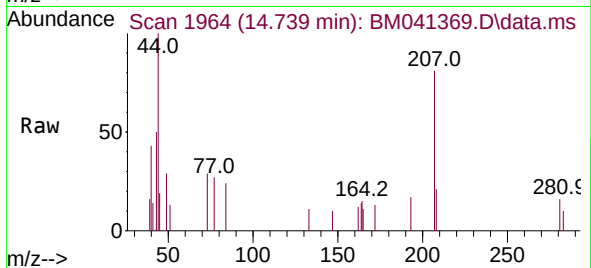
Ion Ratio Lower Upper

165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041369.D

Acq: 10 Aug 2023 19:02

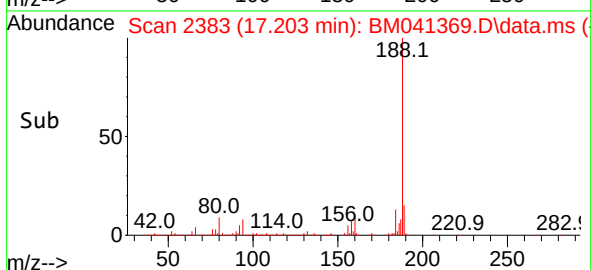
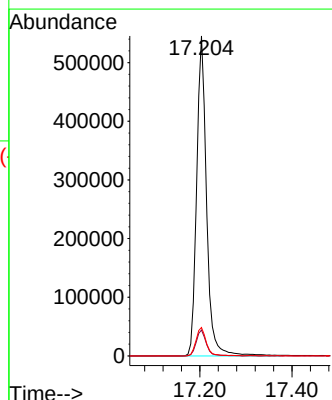
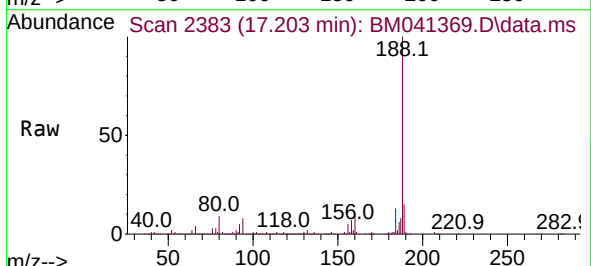
Tgt Ion:188 Resp: 812634

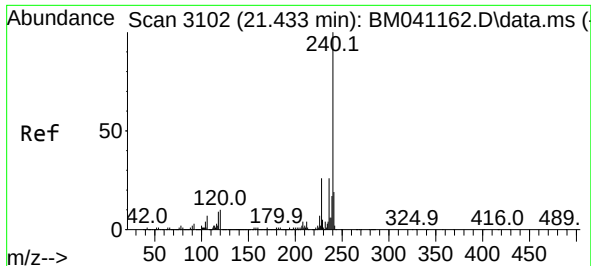
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 8.9 8.6 13.0

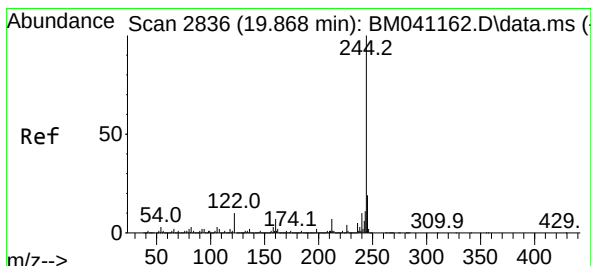
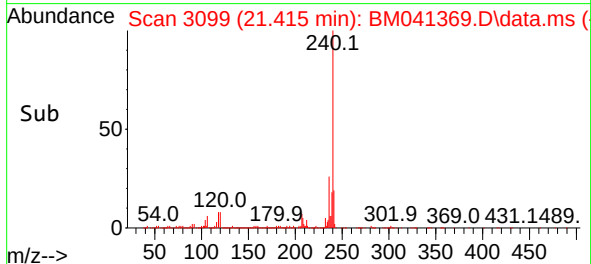
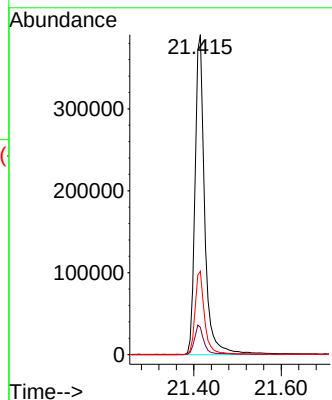
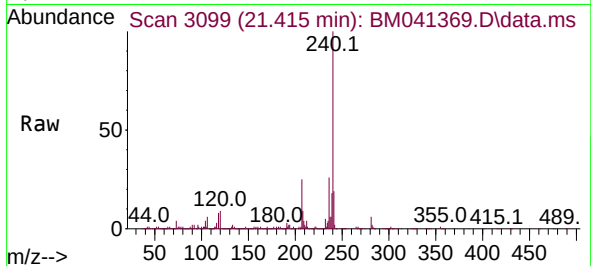




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

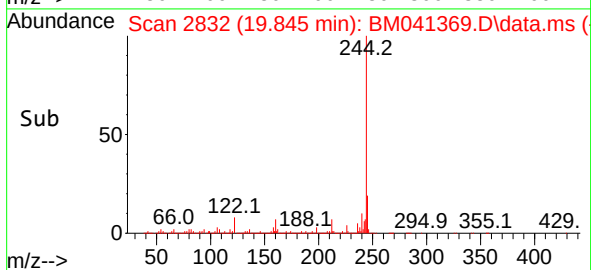
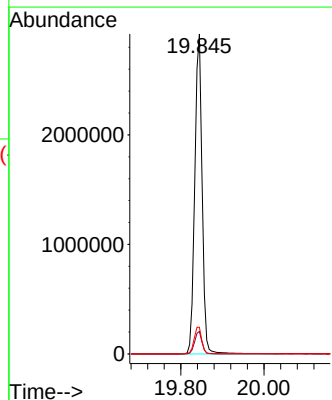
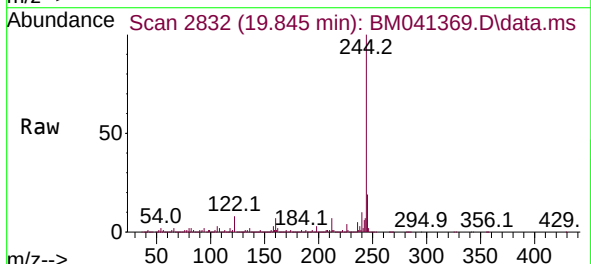
Instrument :
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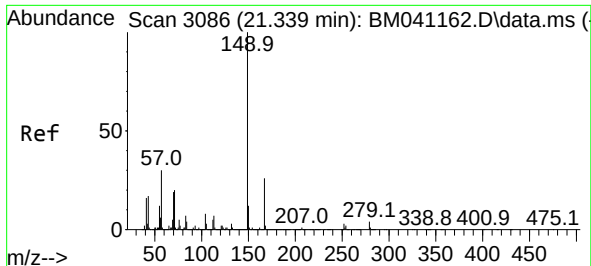
Tgt Ion:240 Resp: 603209
Ion Ratio Lower Upper
240 100
120 8.5 8.3 12.5
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 107.032 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

Tgt Ion:244 Resp: 3570849
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 8.3 7.8 11.6

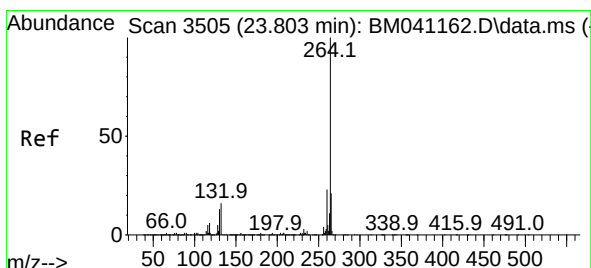
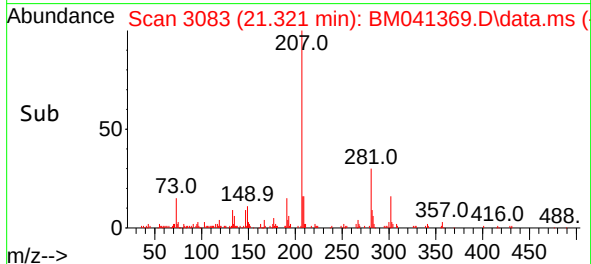
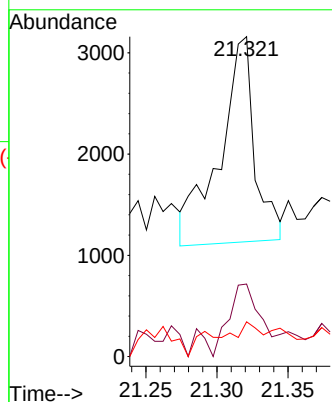
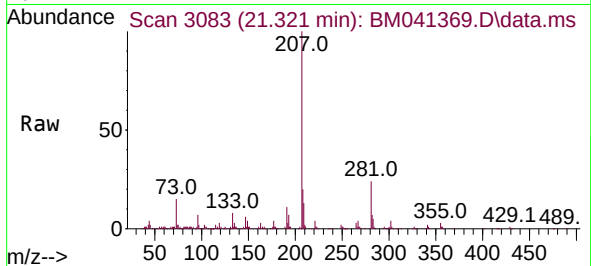




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.674 ng
RT: 21.321 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

Instrument :
BNA_M
ClientSampleId :
WC-27

Tgt Ion:149 Resp: 3496
Ion Ratio Lower Upper
149 100
167 22.7 21.0 31.6
279 10.9 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.000 min
Lab File: BM041369.D
Acq: 10 Aug 2023 19:02

Tgt Ion:264 Resp: 697800
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.7 17.4 26.0

