

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041327.D
 Acq On : 08 Aug 2023 12:43
 Operator : MA/JU
 Sample : 03909-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-303-20230803

Quant Time: Aug 09 01:14:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

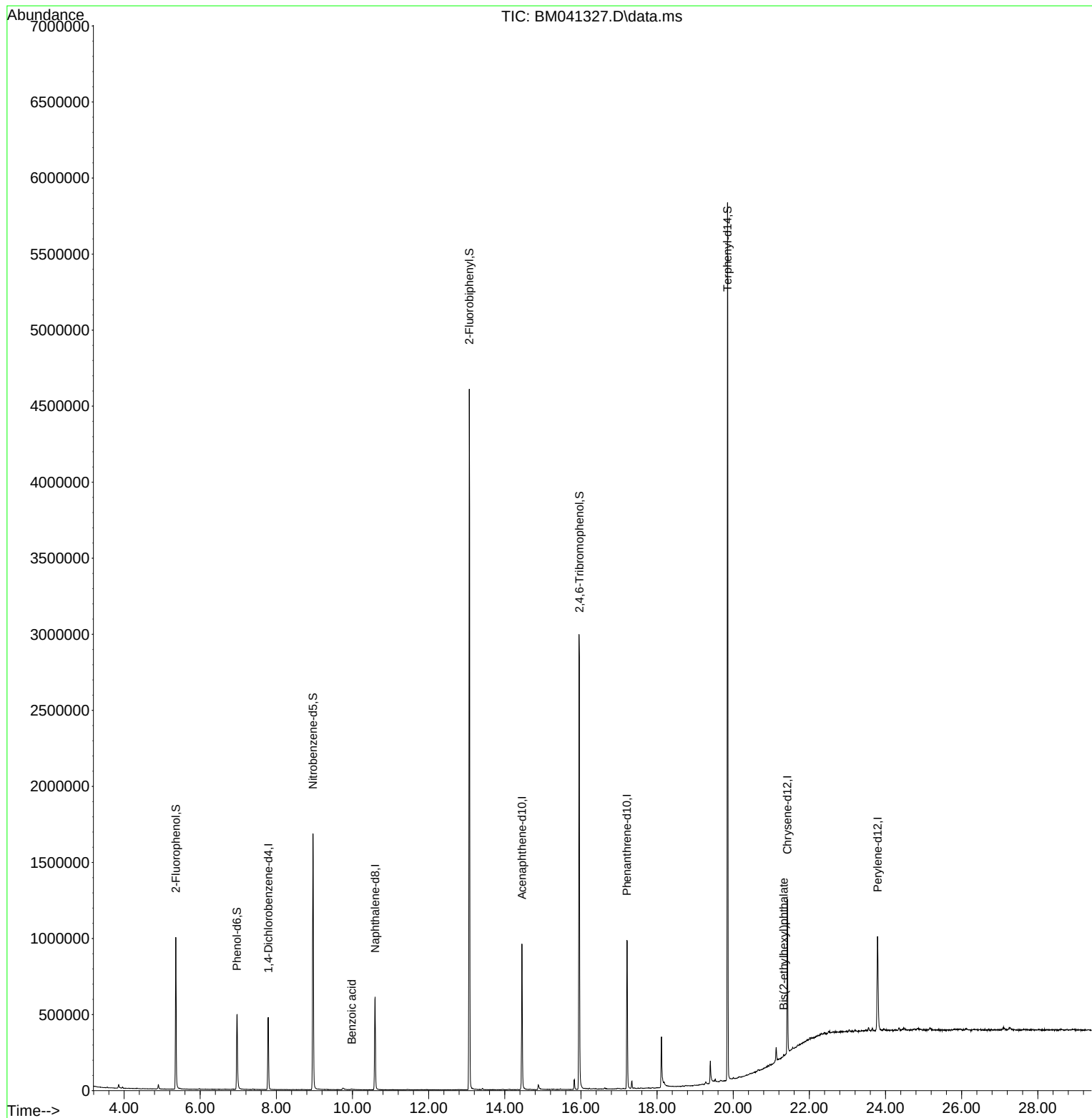
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	124634	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	497244	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	306761	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	611096	20.000	ng	0.00
76) Chrysene-d12	21.421	240	465094	20.000	ng	0.00
86) Perylene-d12	23.791	264	494841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	407394	48.854	ng	0.00
7) Phenol-d6	6.963	99	300034	27.757	ng	0.00
23) Nitrobenzene-d5	8.963	82	984484	92.073	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	556354	128.222	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	2221262	91.472	ng	0.00
79) Terphenyl-d14	19.850	244	2615401	101.674	ng	0.00
Target Compounds						
32) Benzoic acid	9.980	122	749	7.269	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.327	149	3837	2.732	ng	# 94

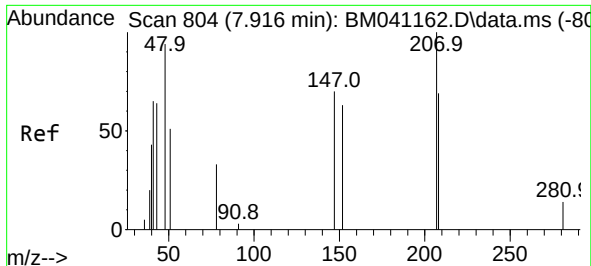
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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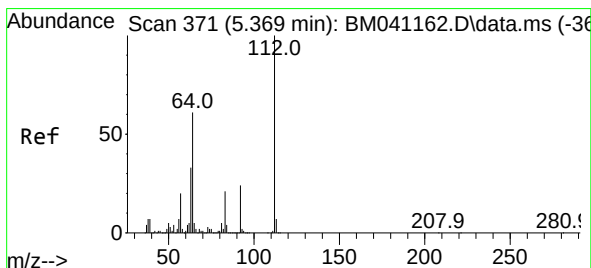
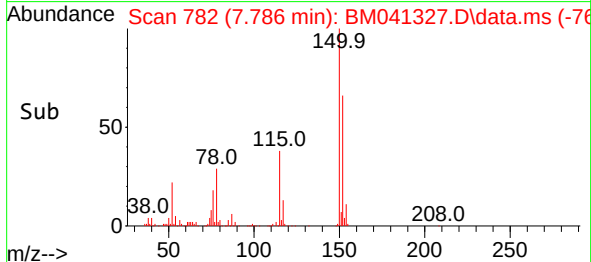
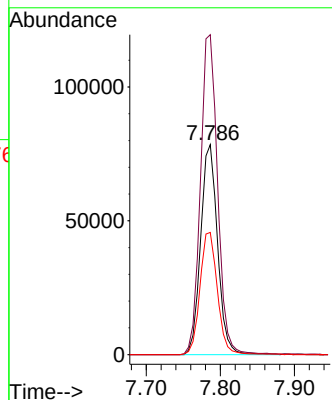
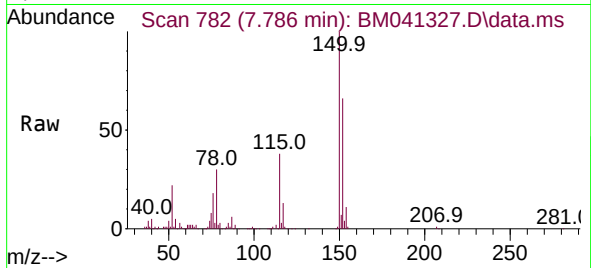




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 782
Delta R.T. -0.001 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

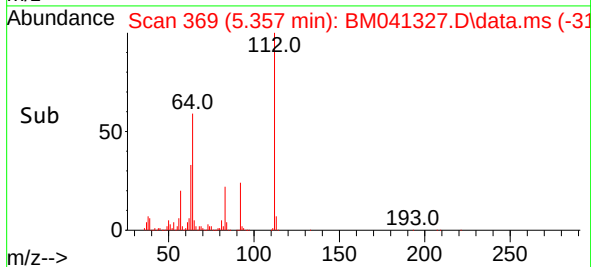
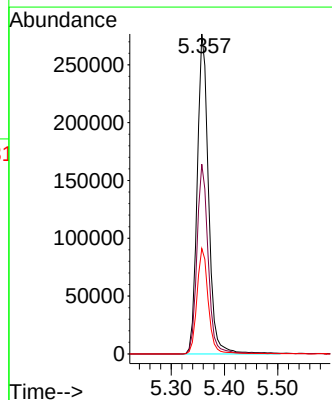
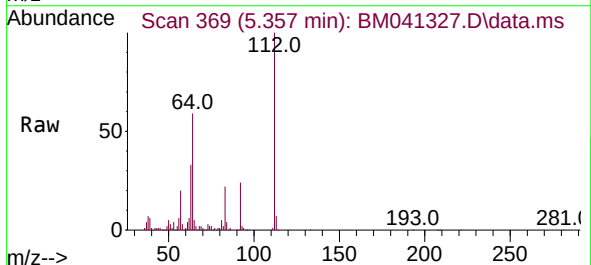
Instrument :
BNA_M
ClientSampleId :
SP-303-20230803

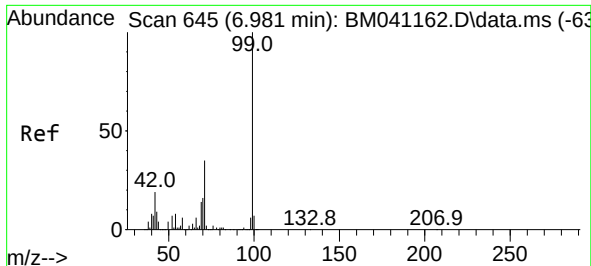
Tgt Ion:152 Resp: 124634
Ion Ratio Lower Upper
152 100
150 152.3 125.5 188.3
115 58.2 48.0 72.0



#5
2-Fluorophenol
Concen: 48.854 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

Tgt Ion:112 Resp: 407394
Ion Ratio Lower Upper
112 100
64 59.3 48.5 72.7
63 32.9 26.5 39.7

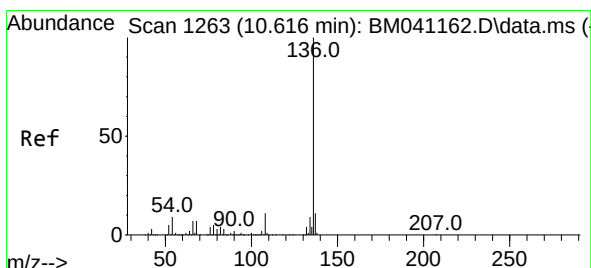
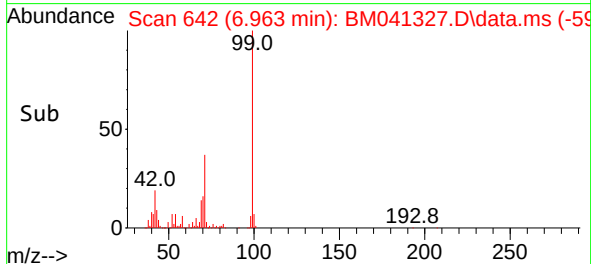
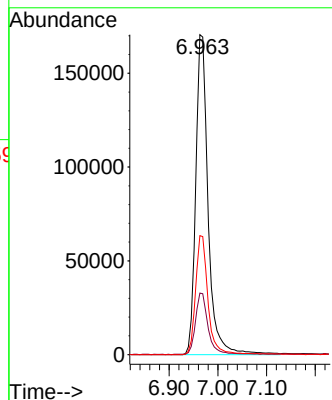
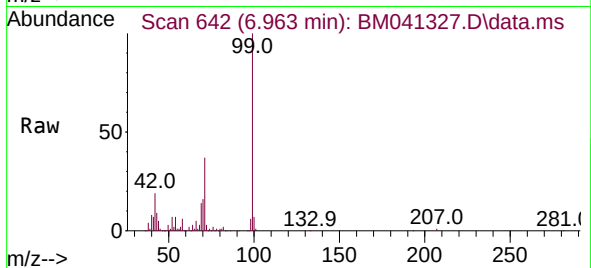




#7
Phenol-d6
Concen: 27.757 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

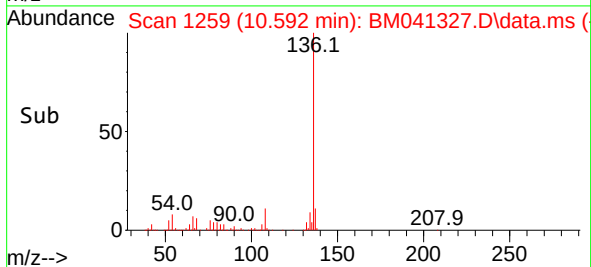
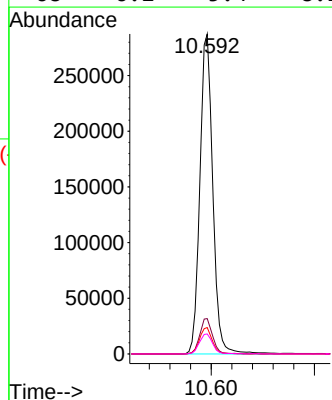
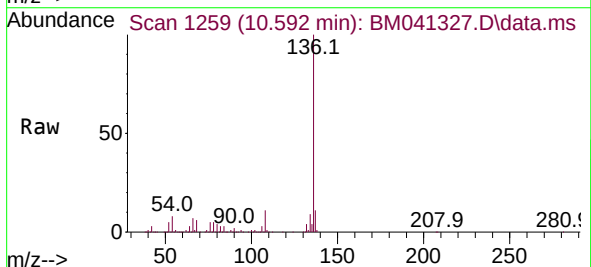
Instrument :
BNA_M
ClientSampleId :
SP-303-20230803

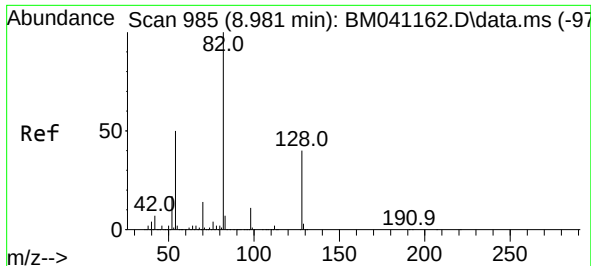
Tgt Ion: 99 Resp: 300034
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 37.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

Tgt Ion: 136 Resp: 497244
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 6.9 10.3
68 6.2 5.4 8.2

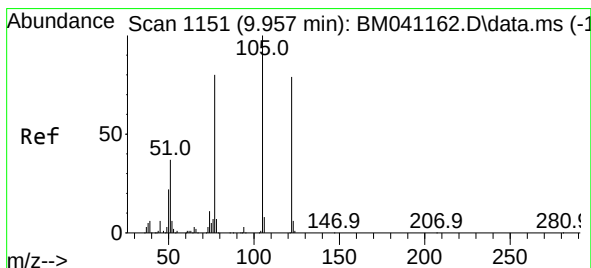
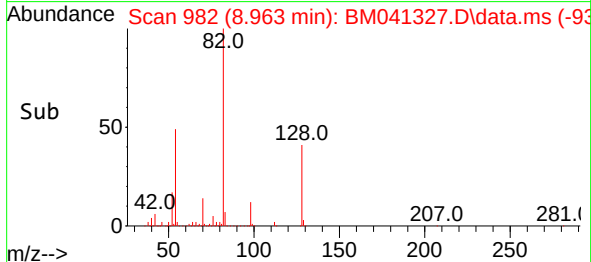
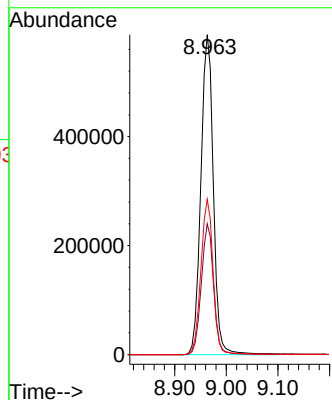
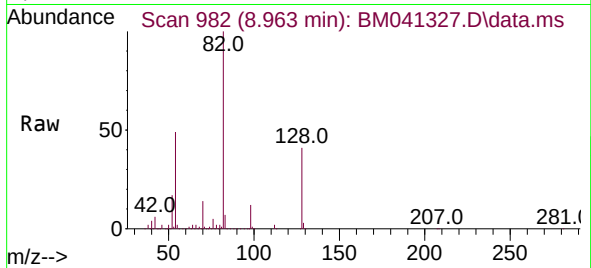




#23
Nitrobenzene-d5
Concen: 92.073 ng
RT: 8.963 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

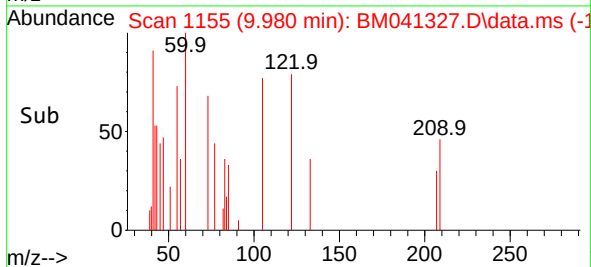
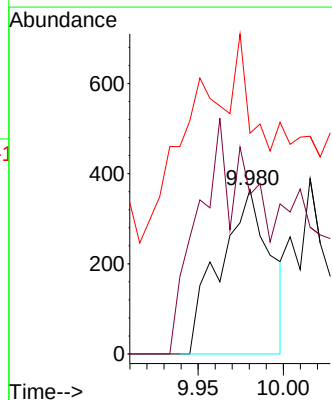
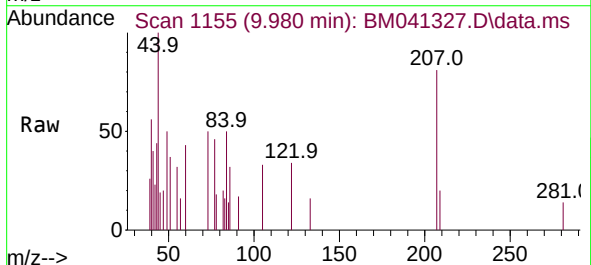
Instrument :
BNA_M
ClientSampleId :
SP-303-20230803

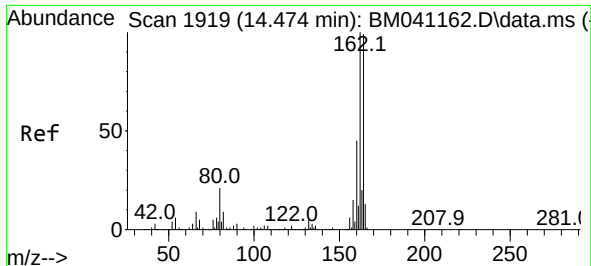
Tgt Ion: 82 Resp: 984484
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 48.5 40.1 60.1



#32
Benzoic acid
Concen: 7.269 ng
RT: 9.980 min Scan# 1155
Delta R.T. 0.023 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

Tgt Ion: 122 Resp: 749
Ion Ratio Lower Upper
122 100
105 97.0 104.0 144.0#
77 134.2 79.9 119.9#

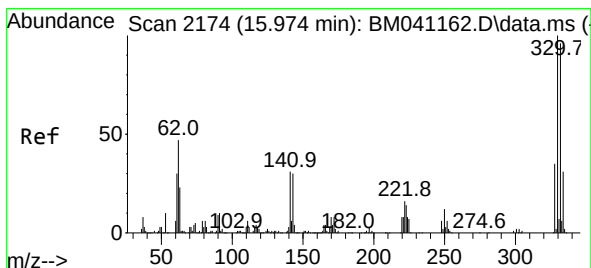
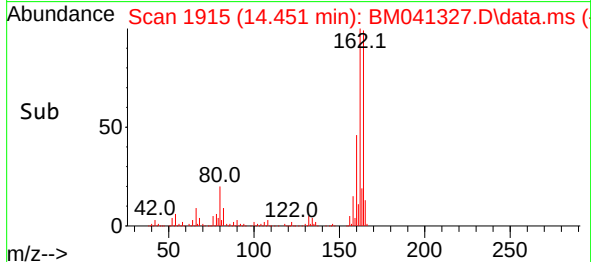
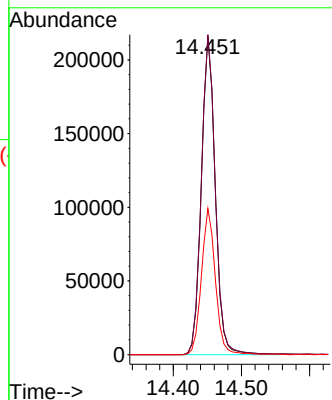
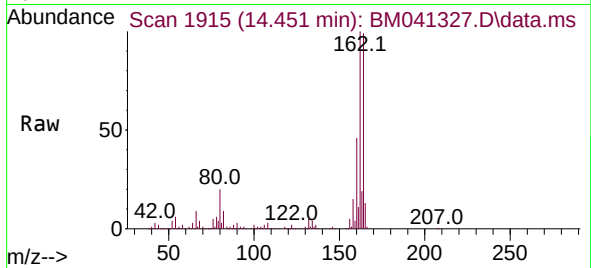




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

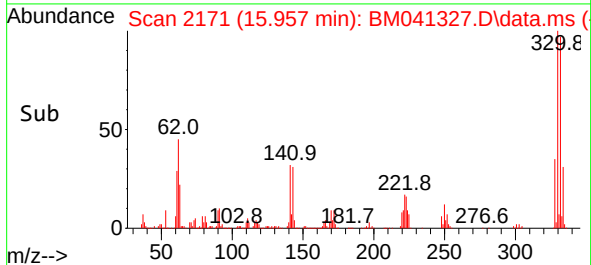
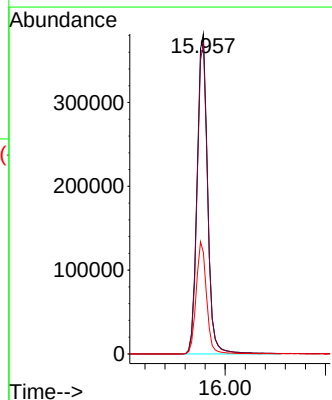
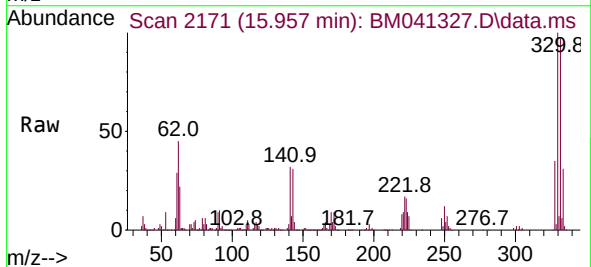
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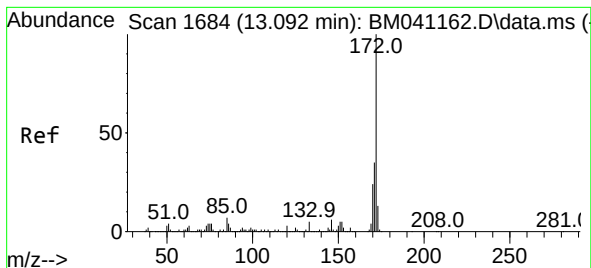
Tgt Ion:164 Resp: 306761
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 46.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 128.222 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

Tgt Ion:330 Resp: 556354
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 34.5 28.3 42.5

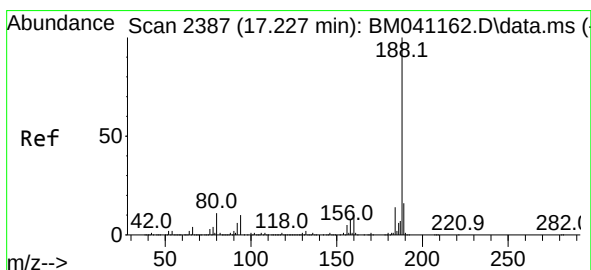
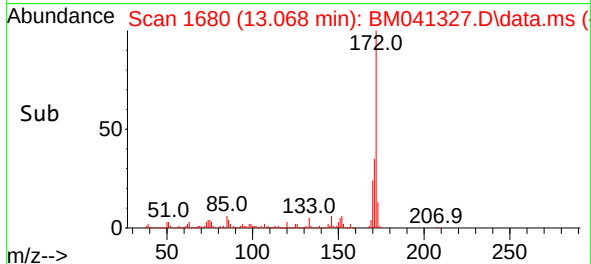
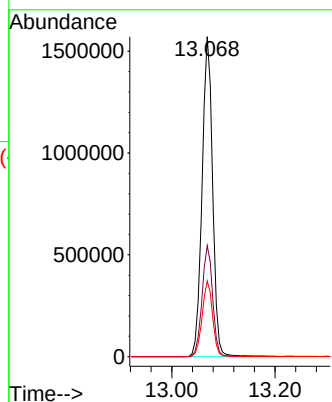
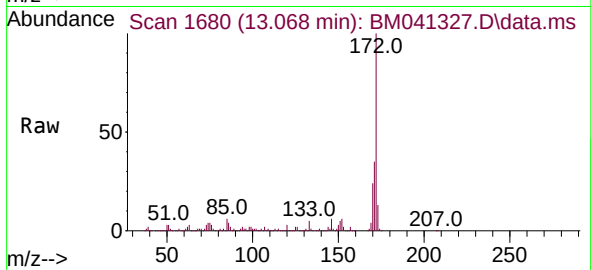




#45
2-Fluorobiphenyl
Concen: 91.472 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

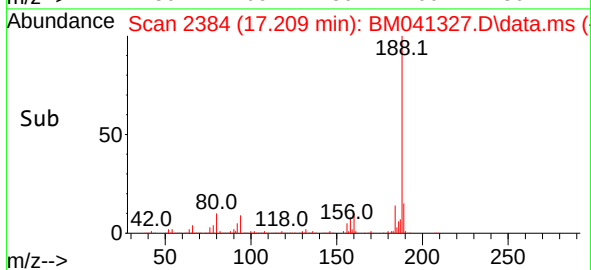
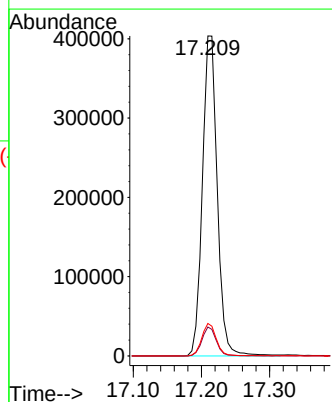
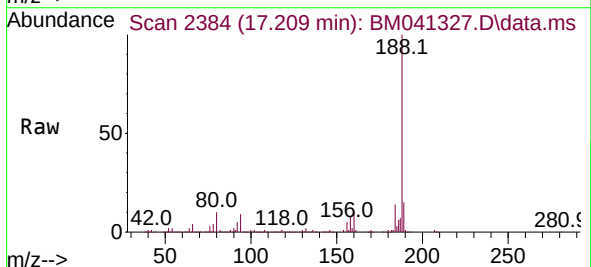
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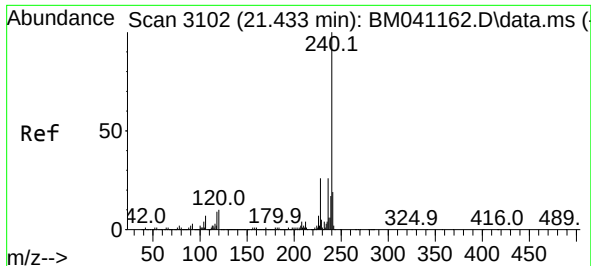
Tgt Ion:172 Resp: 2221262
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

Tgt Ion:188 Resp: 611096
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 10.1 8.6 13.0

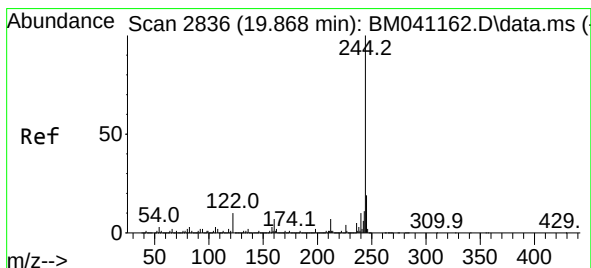
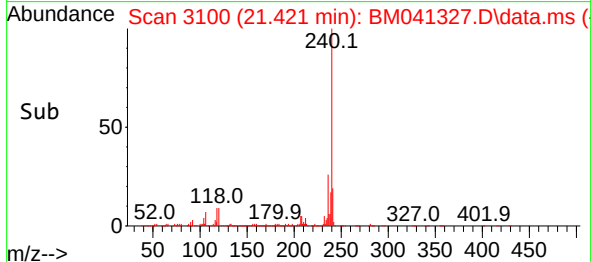
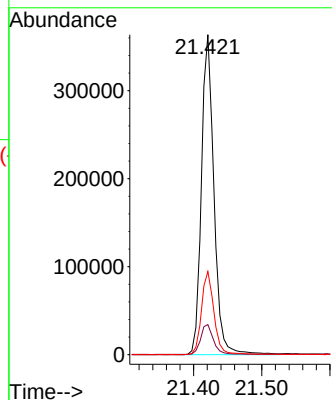
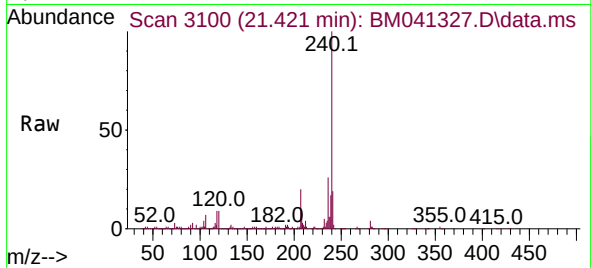




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

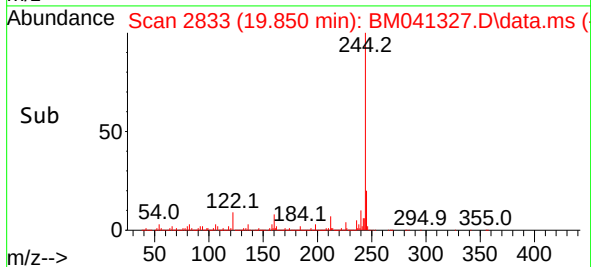
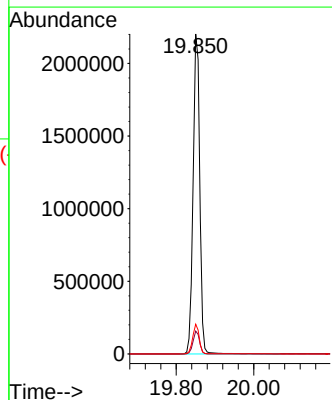
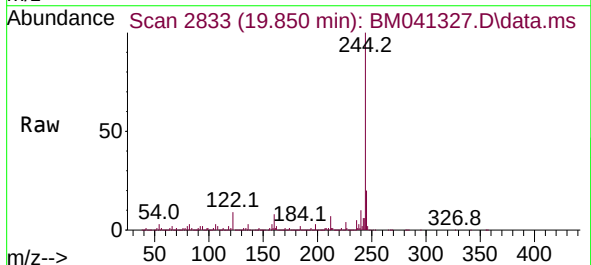
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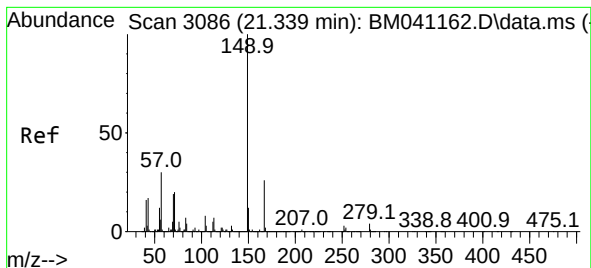
Tgt Ion:240 Resp: 465094
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 101.674 ng
RT: 19.850 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BM041327.D
Acq: 08 Aug 2023 12:43

Tgt Ion:244 Resp: 2615401
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.3 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.732 ng

RT: 21.327 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM041327.D

Acq: 08 Aug 2023 12:43

Instrument :

BNA_M

ClientSampleId :

SP-303-20230803

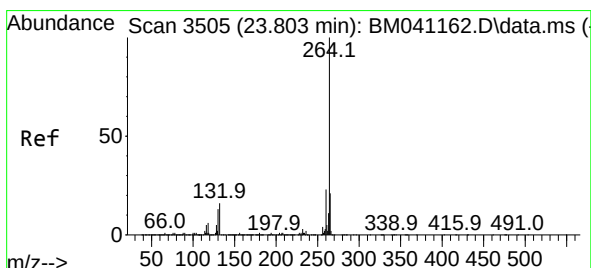
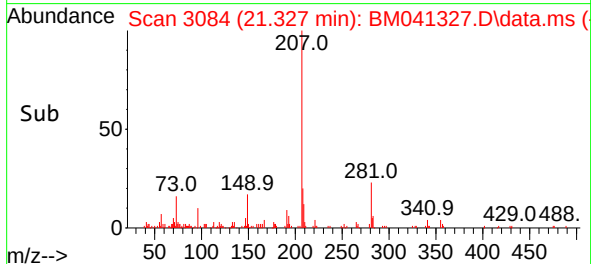
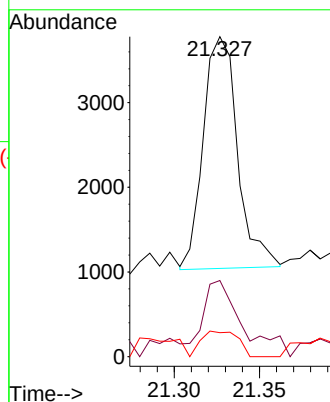
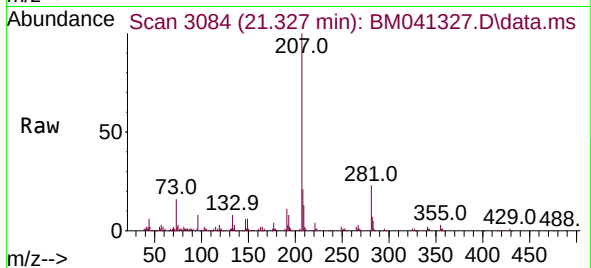
Tgt Ion:149 Resp: 3837

Ion Ratio Lower Upper

149 100

167 23.8 21.0 31.6

279 7.5 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041327.D

Acq: 08 Aug 2023 12:43

Tgt Ion:264 Resp: 494841

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.5 17.4 26.0

