

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047339.D
 Acq On : 23 Aug 2024 18:47
 Operator : RC/JU
 Sample : P3640-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 24 00:41:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

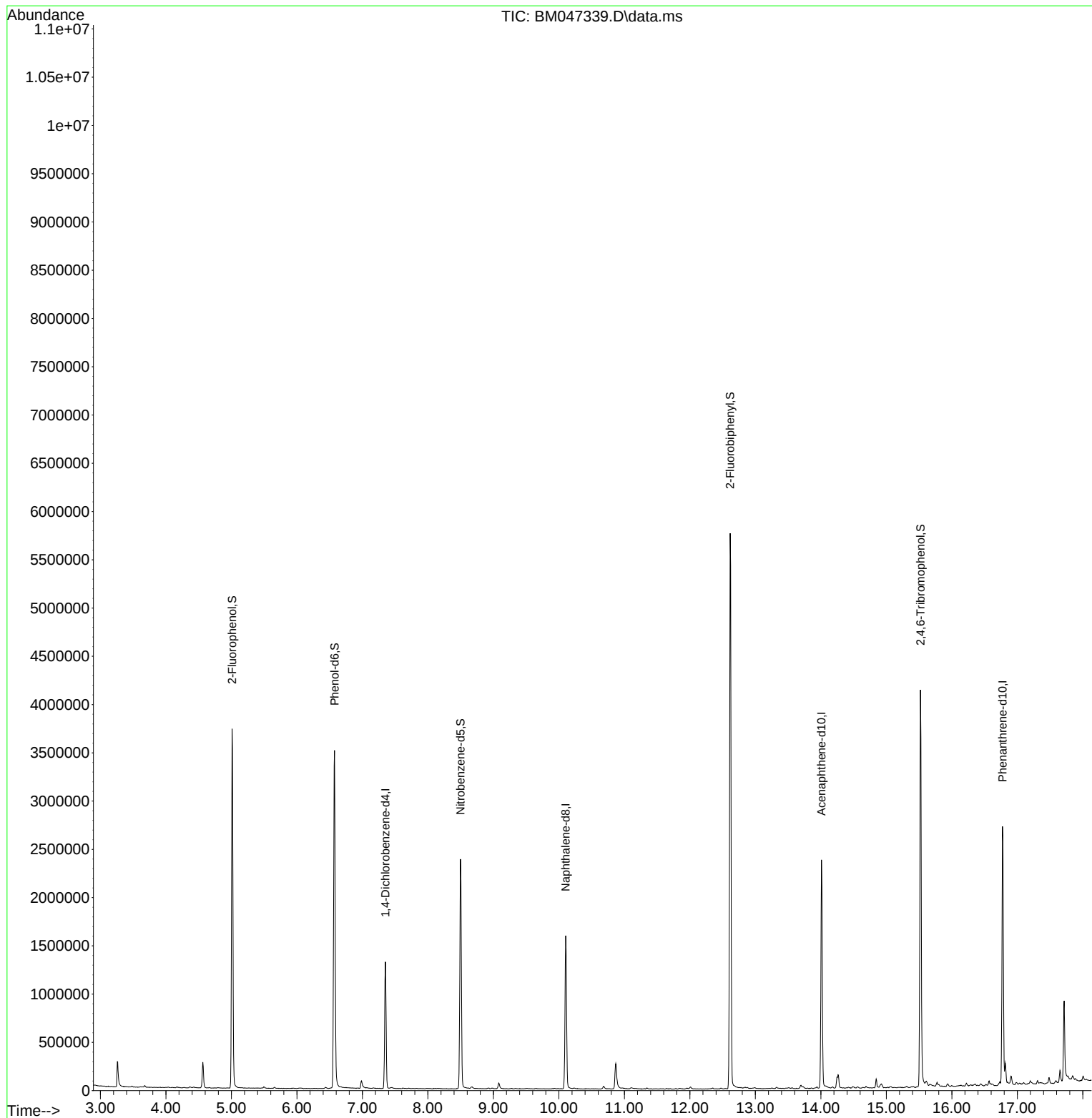
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	358758	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1309368	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	858693	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1697237	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1175655	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1231489	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1629467	81.158	ng	-0.01
7) Phenol-d6	6.575	99	2139766	77.344	ng	-0.01
23) Nitrobenzene-d5	8.498	82	1415395	54.431	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	799951	80.343	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	3238121	58.169	ng	-0.03
79) Terphenyl-d14	19.445	244	4364607	79.550	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	18.856	202	328026	3.166	ng	98
78) Pyrene	19.221	202	276546	3.294	ng	97
84) Bis(2-ethylhexyl)phtha...	20.956	149	279808	5.759	ng	# 98
88) Benzo(b)fluoranthene	22.868	252	175372	2.398	ng	# 97

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

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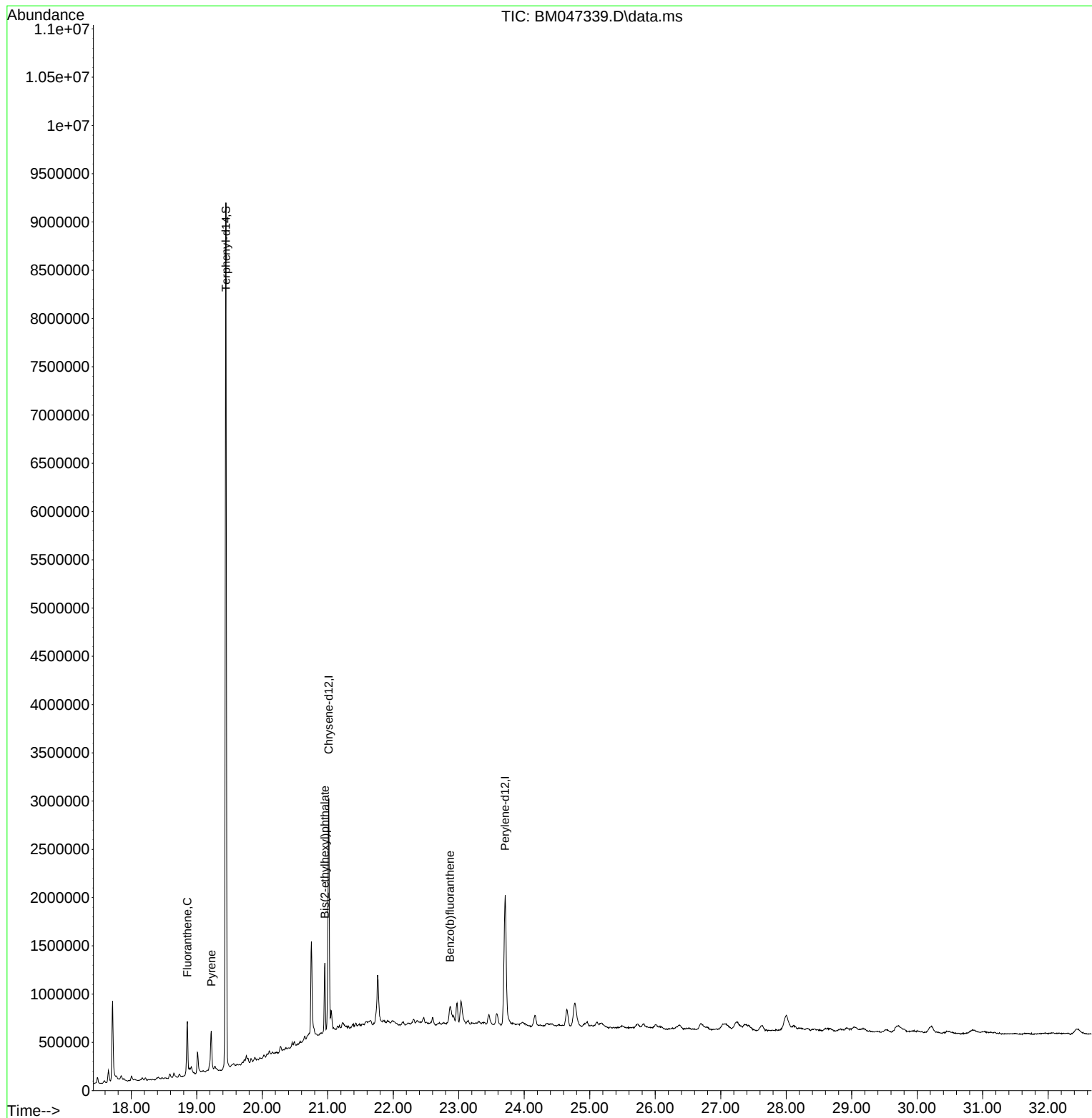
Quant Time: Aug 24 00:41:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

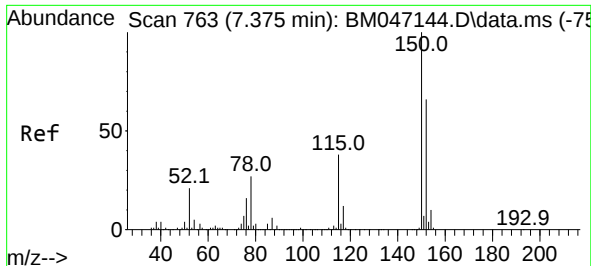


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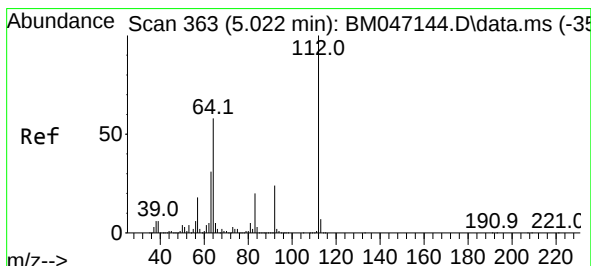
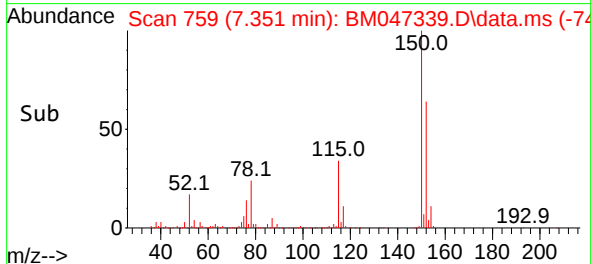
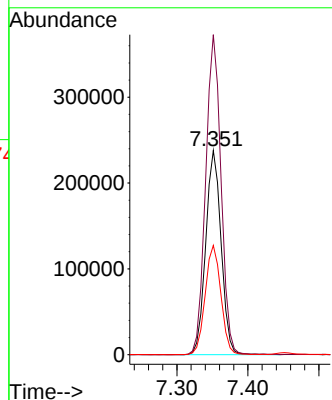
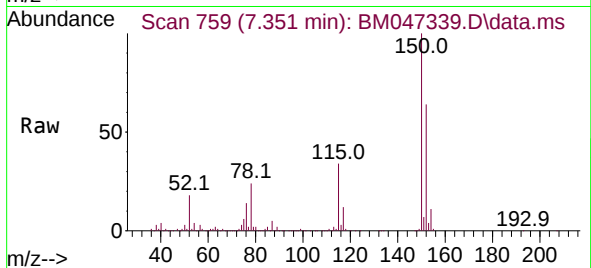




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

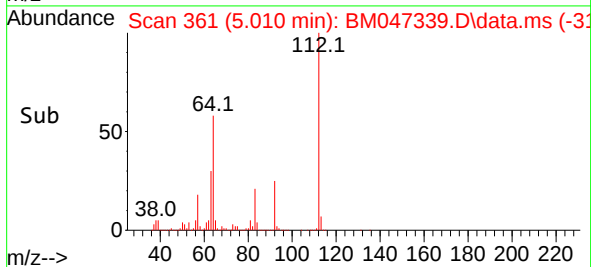
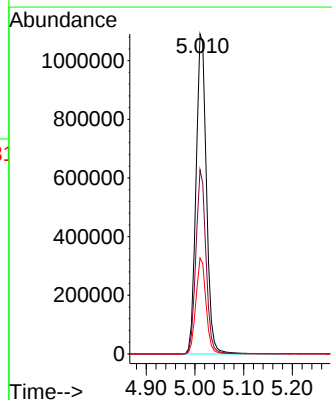
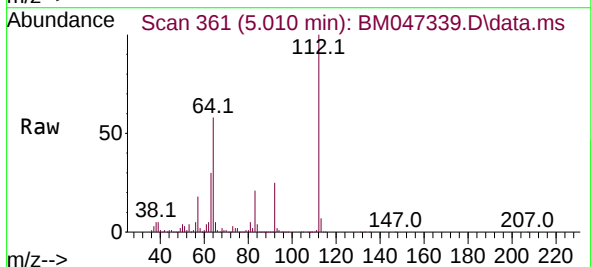
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

Tgt Ion:152 Resp: 358758
Ion Ratio Lower Upper
152 100
150 156.8 120.5 180.7
115 53.5 45.5 68.3



#5
2-Fluorophenol
Concen: 81.158 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Tgt Ion:112 Resp: 1629467
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 30.0 24.8 37.2



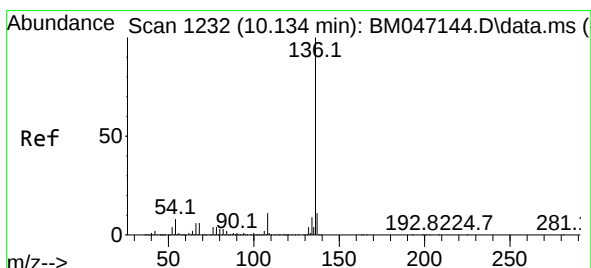
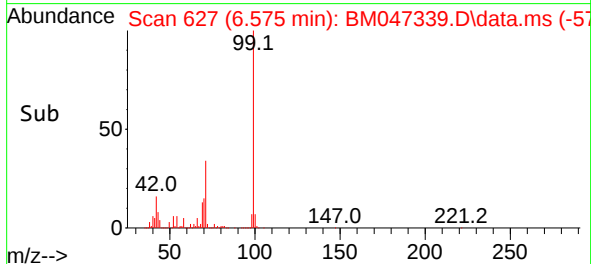
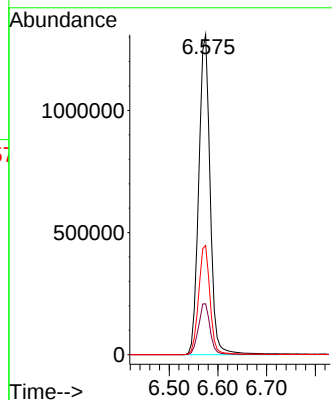
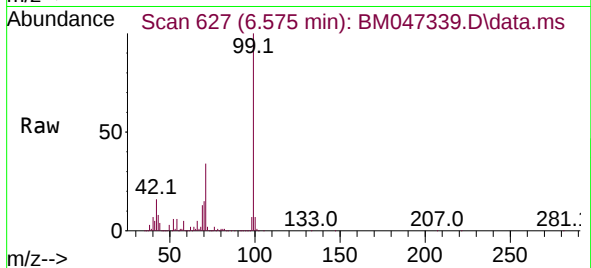


#7
Phenol-d6
Concen: 77.344 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

Tgt Ion: 99 Resp: 2139766

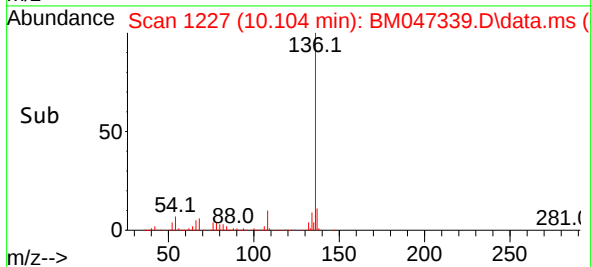
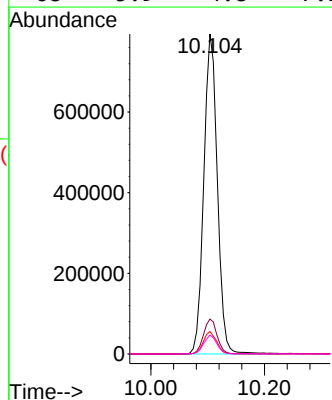
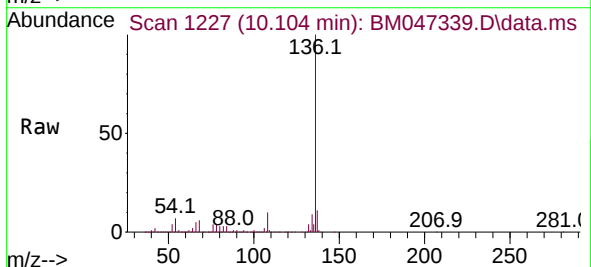
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	34.2	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Tgt Ion: 136 Resp: 1309368

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	6.0	9.0
68	5.9	4.8	7.2

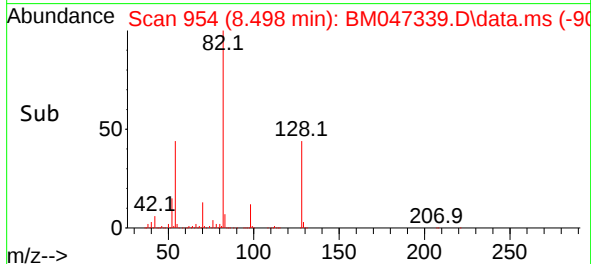
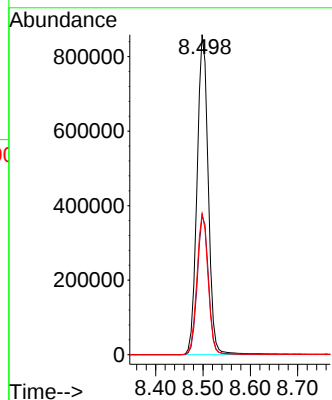
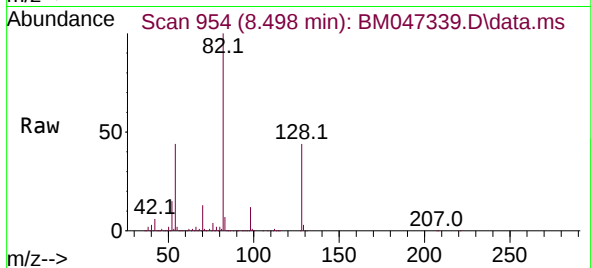




#23
Nitrobenzene-d5
Concen: 54.431 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

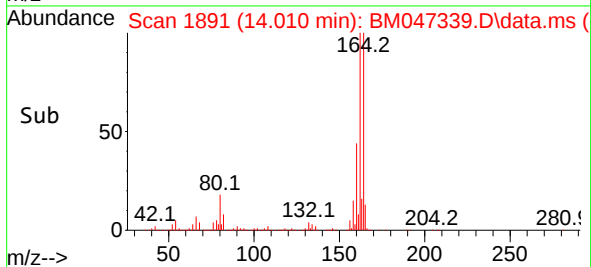
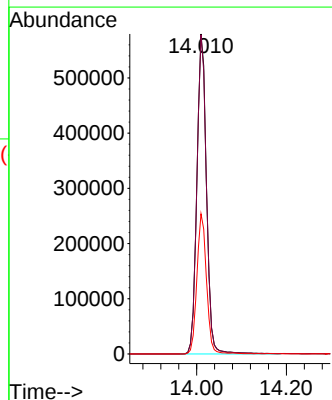
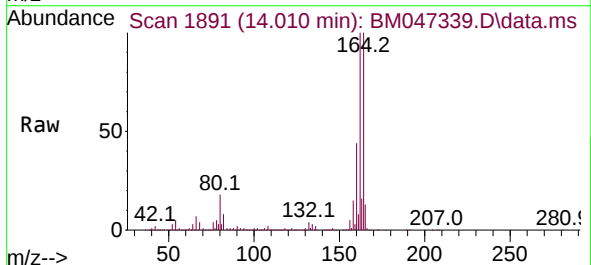
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

Tgt Ion: 82 Resp: 1415395
Ion Ratio Lower Upper
82 100
128 43.6 32.3 48.5
54 44.1 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Tgt Ion:164 Resp: 858693
Ion Ratio Lower Upper
164 100
162 99.8 80.7 121.1
160 43.8 36.0 54.0

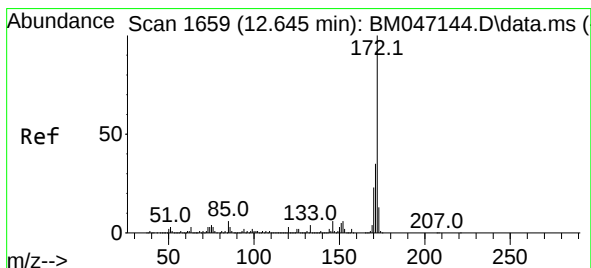
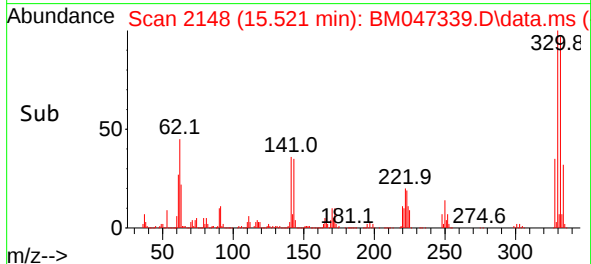
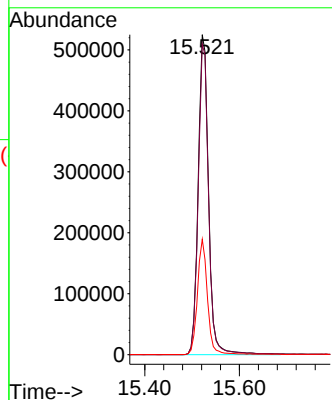
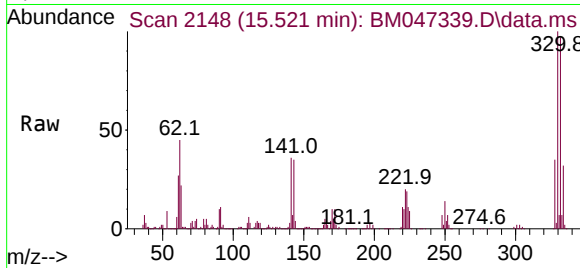




#42
2,4,6-Tribromophenol
Concen: 80.343 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

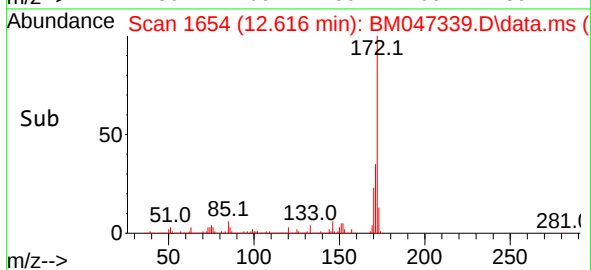
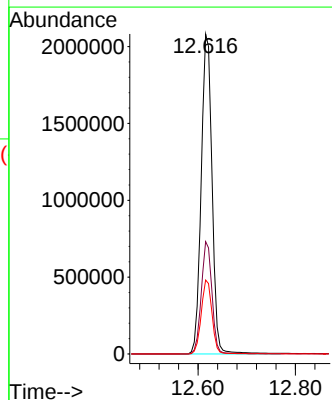
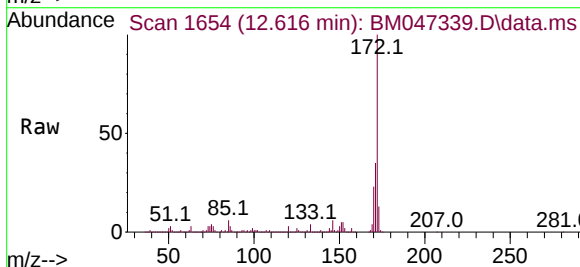
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

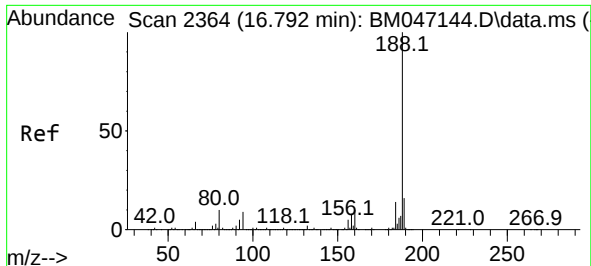
Tgt Ion:330 Resp: 799951
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 34.9 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 58.169 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Tgt Ion:172 Resp: 3238121
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.1 18.7 28.1

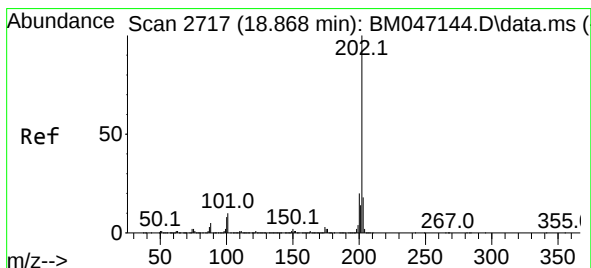
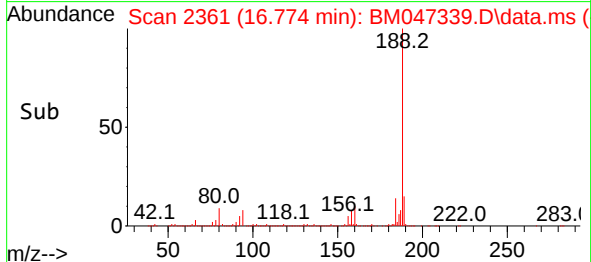
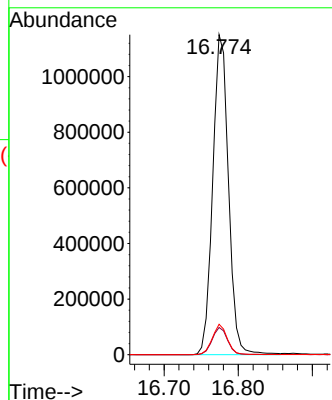
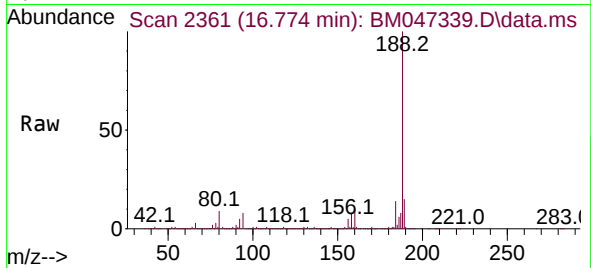




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

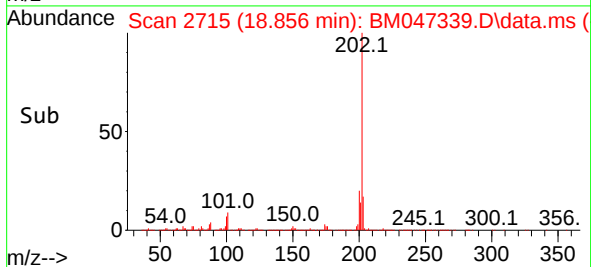
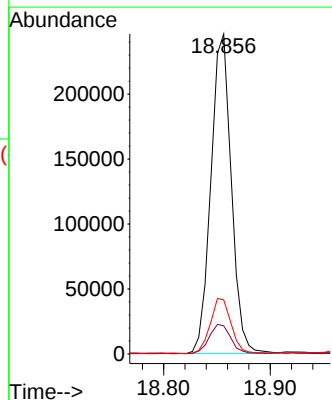
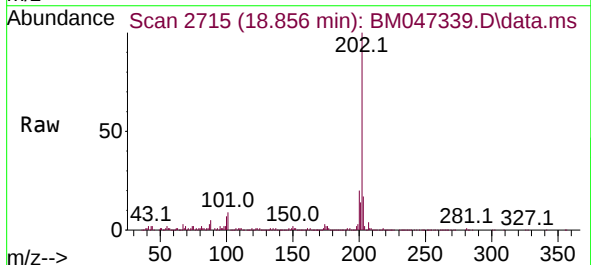
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

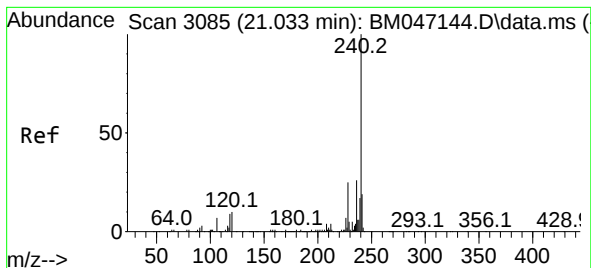
Tgt Ion:188 Resp: 1697237
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.5 8.0 12.0



#75
Fluoranthene
Concen: 3.166 ng
RT: 18.856 min Scan# 2715
Delta R.T. -0.012 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Tgt Ion:202 Resp: 328026
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.2
203 16.9 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3085

Delta R.T. -0.018 min

Lab File: BM047339.D

Acq: 23 Aug 2024 18:47

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

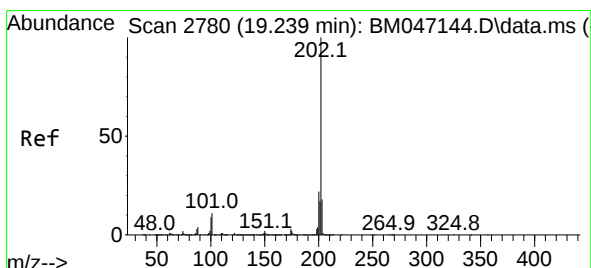
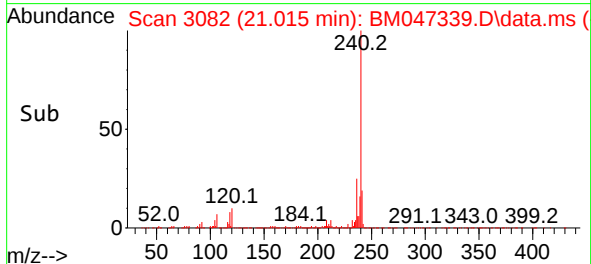
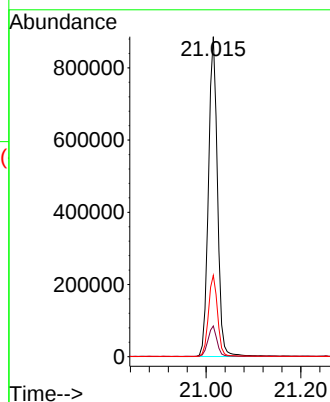
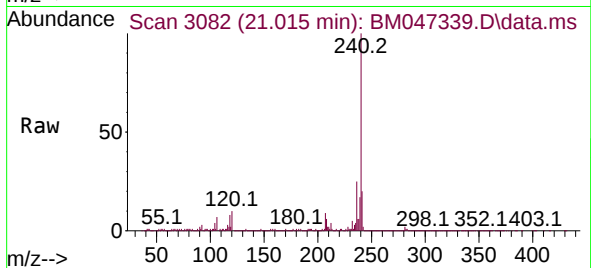
Tgt Ion:240 Resp: 1175655

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

236 25.4 20.6 30.8



#78

Pyrene

Concen: 3.294 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047339.D

Acq: 23 Aug 2024 18:47

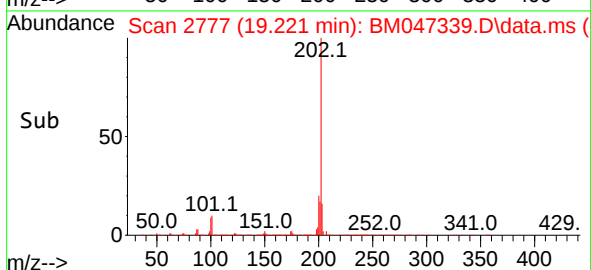
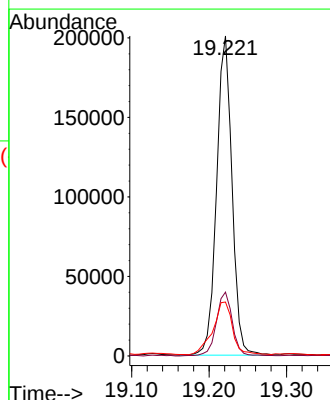
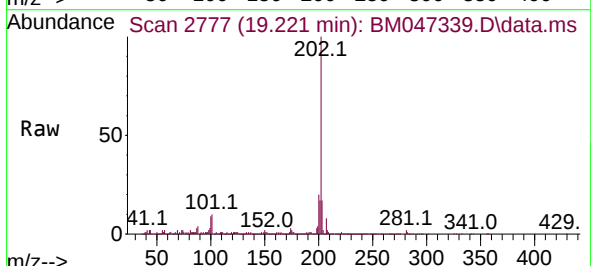
Tgt Ion:202 Resp: 276546

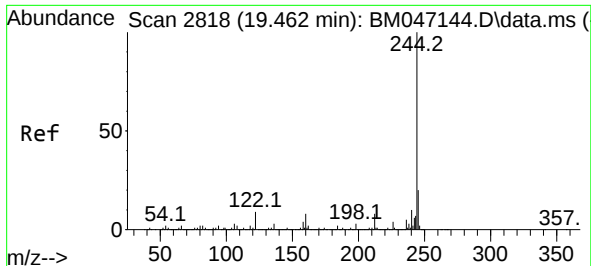
Ion Ratio Lower Upper

202 100

200 20.0 17.2 25.8

203 16.9 14.2 21.2

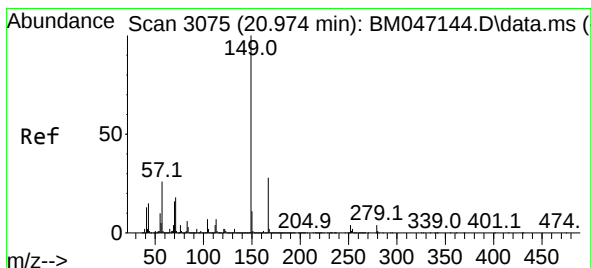
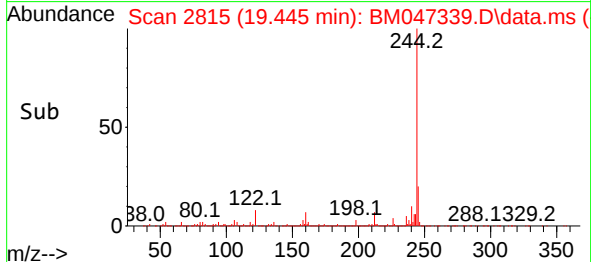
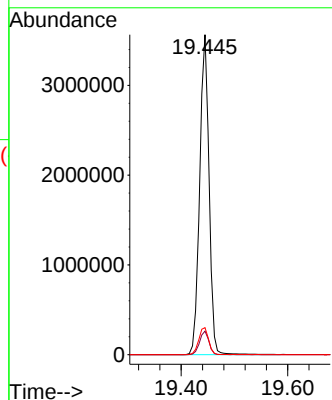
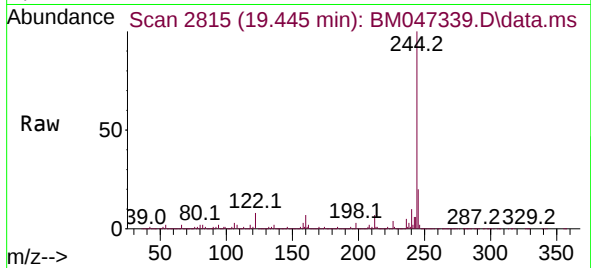




#79
 Terphenyl-d14
 Concen: 79.550 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047339.D
 Acq: 23 Aug 2024 18:47

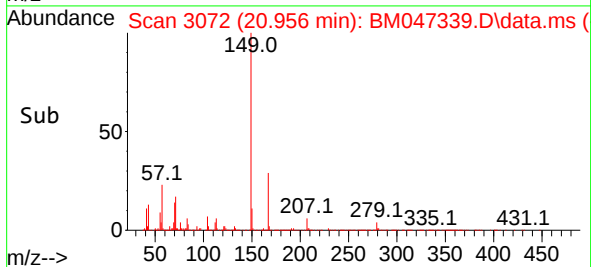
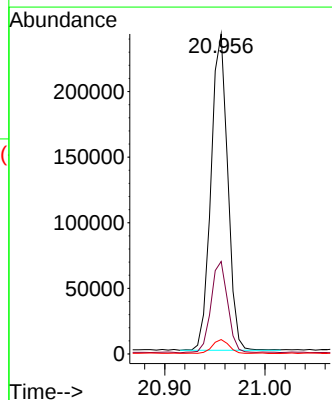
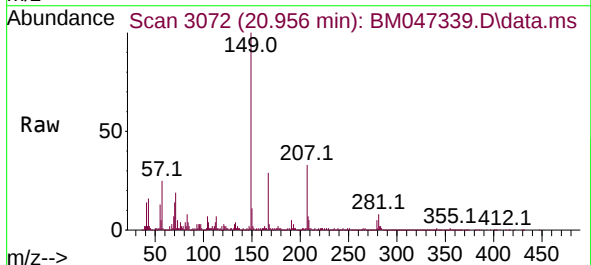
Instrument :
 BNA_M
 ClientSampleId :
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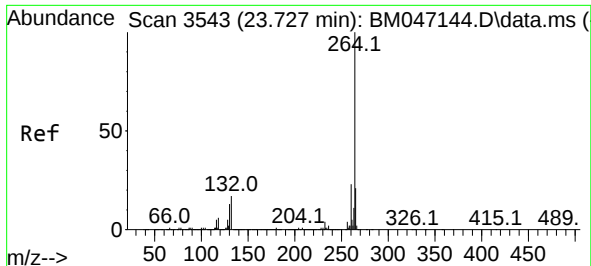
Tgt Ion:244 Resp: 4364607
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.4 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.759 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. -0.018 min
 Lab File: BM047339.D
 Acq: 23 Aug 2024 18:47

Tgt Ion:149 Resp: 279808
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.2 33.2
 279 4.5 3.0 4.4#

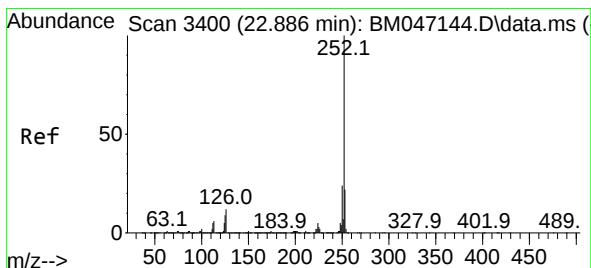
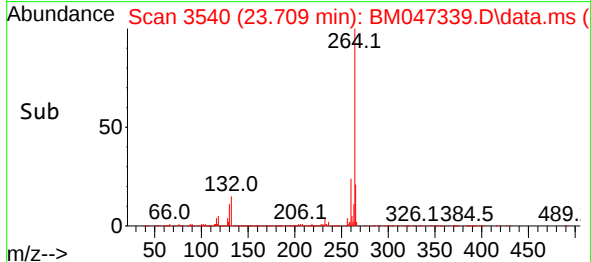
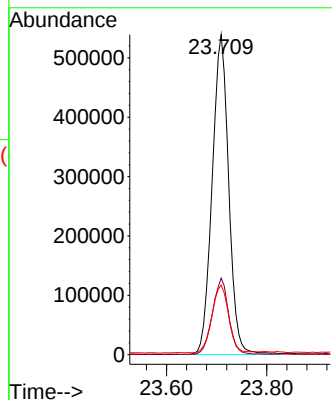
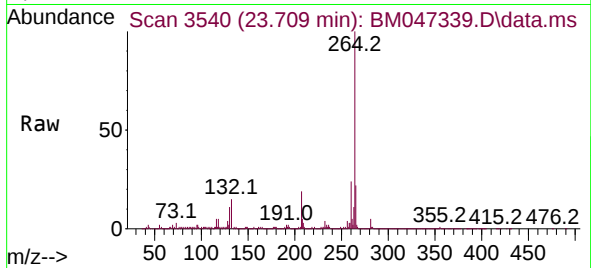




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

Tgt Ion:264 Resp: 1231489
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 21.8 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 2.398 ng
RT: 22.868 min Scan# 3397
Delta R.T. -0.018 min
Lab File: BM047339.D
Acq: 23 Aug 2024 18:47

Tgt Ion:252 Resp: 175372
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 13.1 7.4 11.0#

