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 Data File : BM045756.D
 Acq On : 23 May 2024 16:53
 Operator : MA/JU
 Sample : P2583-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 240515056-01

Quant Time: May 23 17:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

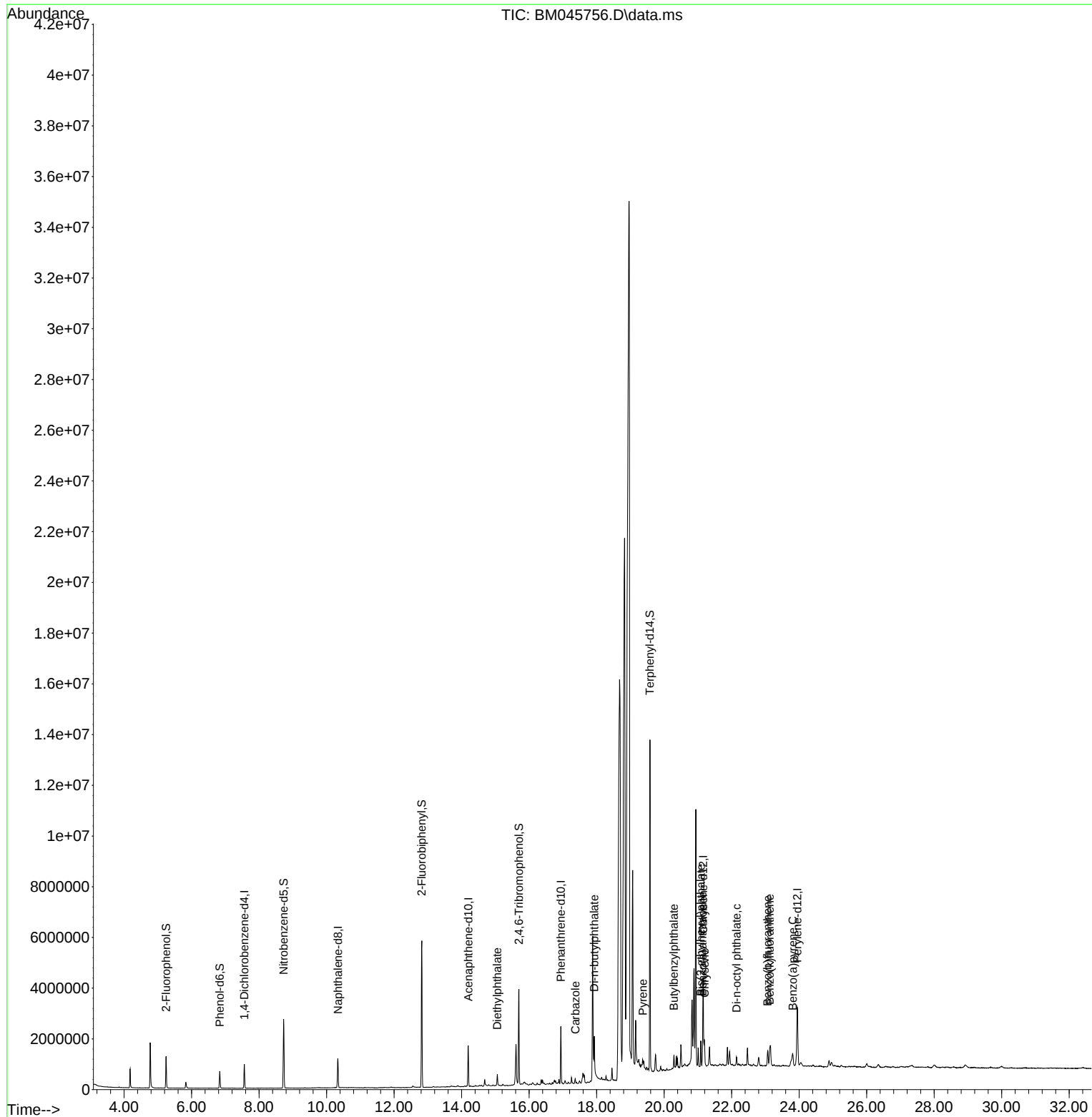
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	231189	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	872039	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	553509	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	1298344	20.000	ng	-0.01
76) Chrysene-d12	21.156	240	1526826	20.000	ng	-0.01
86) Perylene-d12	23.944	264	1686378	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	476104	36.716	ng	0.00
7) Phenol-d6	6.834	99	348863	20.039	ng	0.00
23) Nitrobenzene-d5	8.728	82	1468278	91.590	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	581150	99.127	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	2878799	83.592	ng	0.00
79) Terphenyl-d14	19.580	244	5777439	69.645	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.057	149	271971	6.952	ng	100
73) Carbazole	17.368	167	120763	2.003	ng	98
74) Di-n-butylphthalate	17.933	149	1012341	13.523	ng	99
78) Pyrene	19.368	202	220318	2.046	ng	100
80) Butylbenzylphthalate	20.292	149	187920	4.028	ng	89
81) Benzo(a)anthracene	21.139	228	324747	3.339	ng	99
83) Chrysene	21.197	228	341208	3.741	ng	99
84) Bis(2-ethylhexyl)phtha...	21.086	149	383944	5.861	ng	98
85) Di-n-octyl phthalate	22.144	149	255003	2.232	ng	# 91
88) Benzo(b)fluoranthene	23.068	252	517787	5.414	ng	98
89) Benzo(k)fluoranthene	23.127	252	527091	5.807	ng	99
90) Benzo(a)pyrene	23.815	252	350716	4.220	ng	98

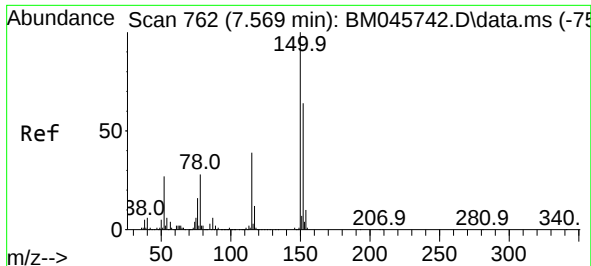
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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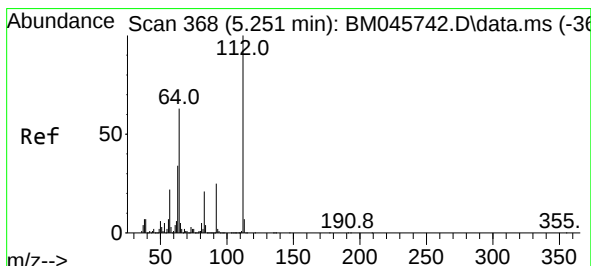
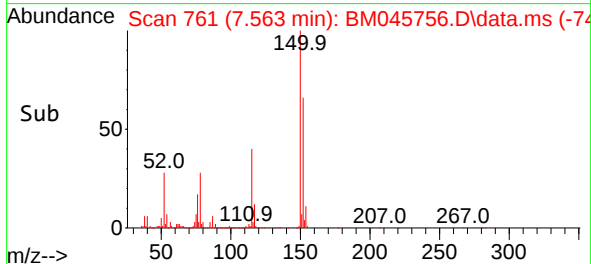
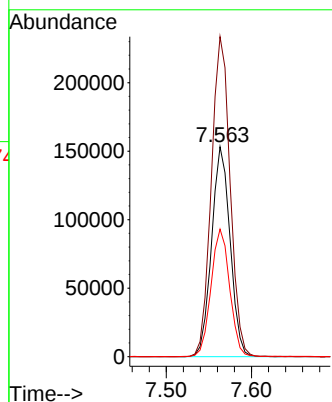
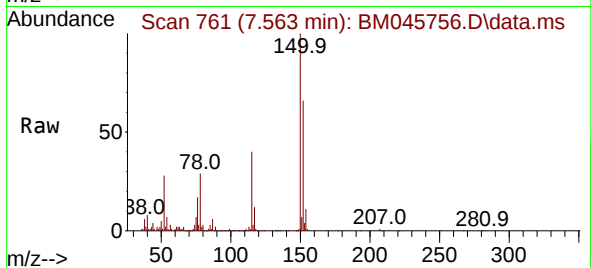




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.563 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM045756.D
 Acq: 23 May 2024 16:53

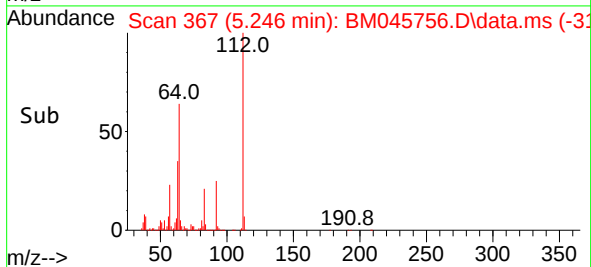
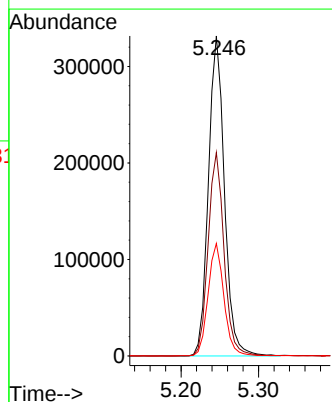
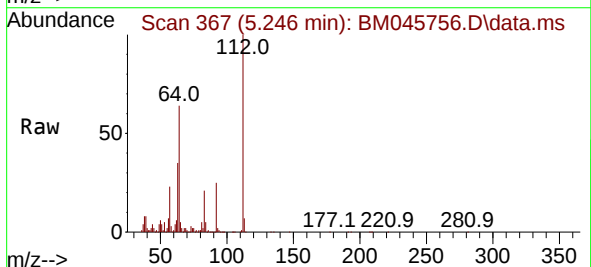
Instrument :
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 240515056-01

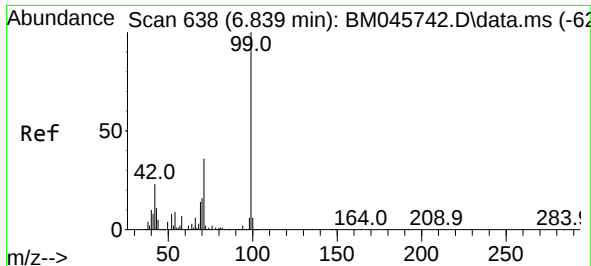
Tgt Ion:152 Resp: 231189
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.2 186.4
 115 60.7 48.9 73.3



#5
 2-Fluorophenol
 Concen: 36.716 ng
 RT: 5.246 min Scan# 367
 Delta R.T. -0.006 min
 Lab File: BM045756.D
 Acq: 23 May 2024 16:53

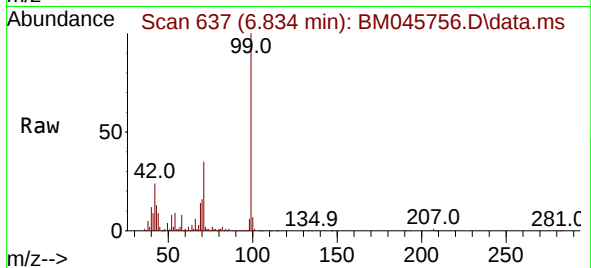
Tgt Ion:112 Resp: 476104
 Ion Ratio Lower Upper
 112 100
 64 63.5 50.1 75.1
 63 35.2 27.3 40.9



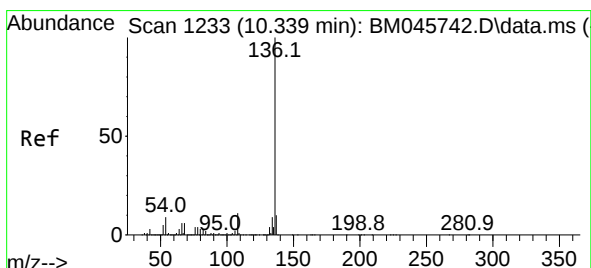
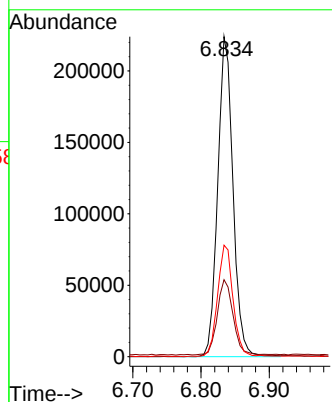
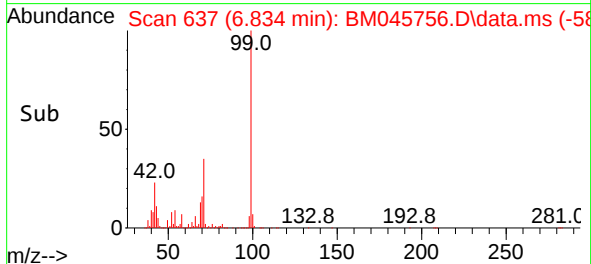


#7
Phenol-d6
Concen: 20.039 ng
RT: 6.834 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Instrument :
BNA_M
ClientSampleId :
240515056-01

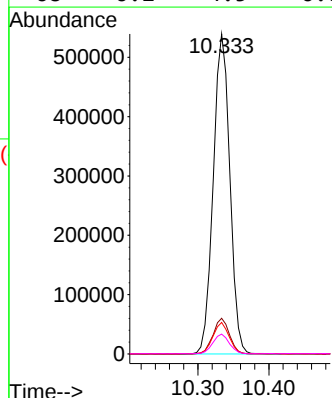
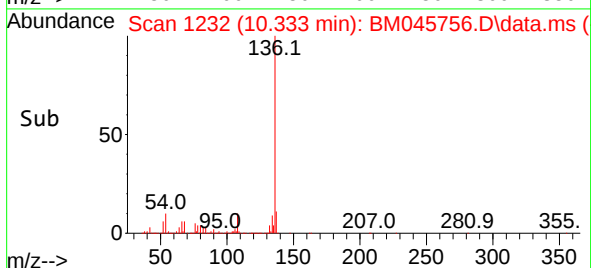
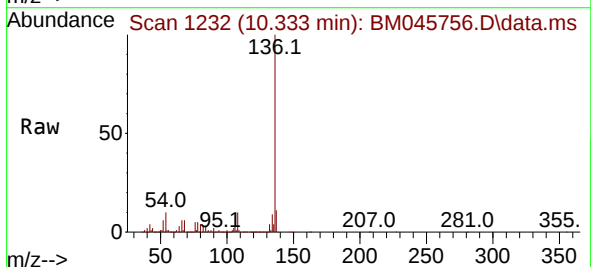


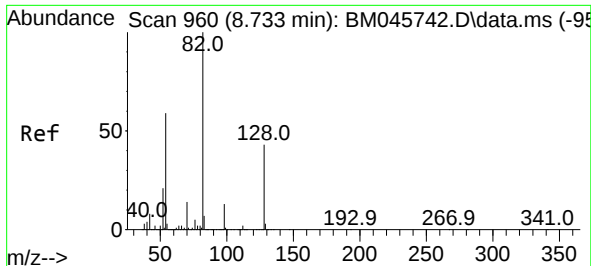
Tgt Ion: 99 Resp: 348863
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 34.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion: 136 Resp: 872039
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.9 7.5 11.3
68 6.2 4.5 6.7

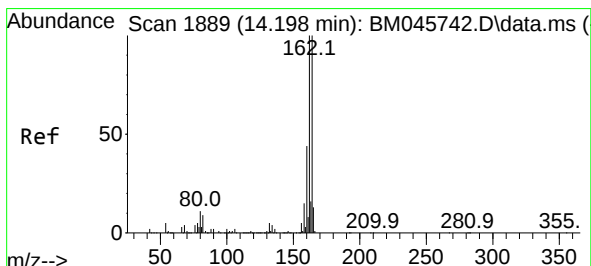
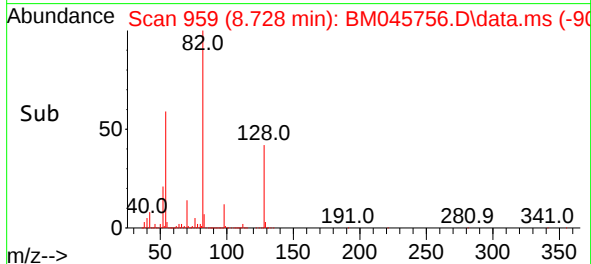
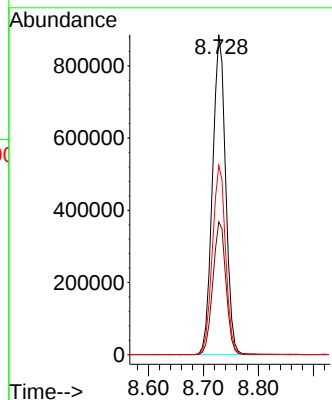
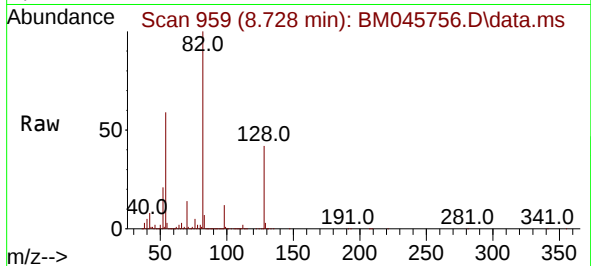




#23
Nitrobenzene-d5
Concen: 91.590 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

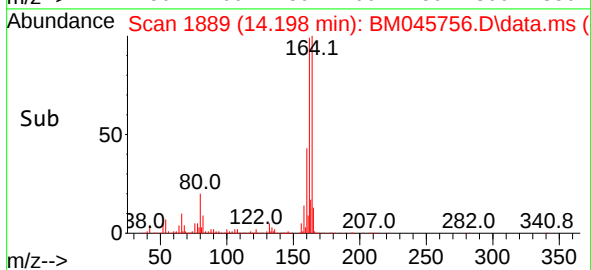
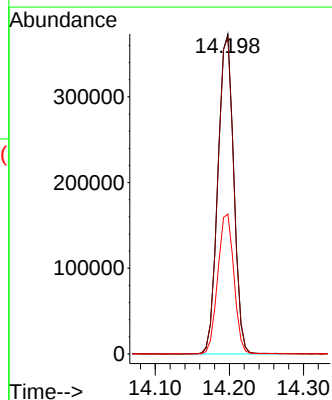
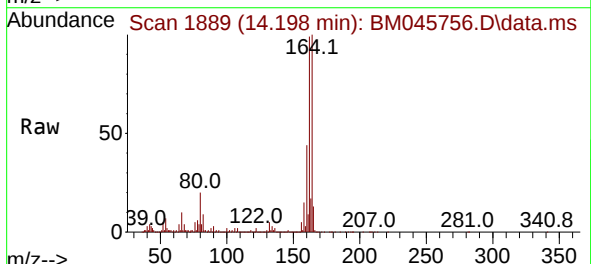
Instrument :
BNA_M
ClientSampleId :
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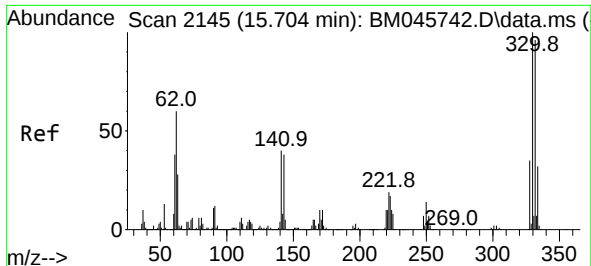
Tgt Ion: 82 Resp: 1468278
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.4
54 59.1 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:164 Resp: 553509
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 43.7 35.0 52.6

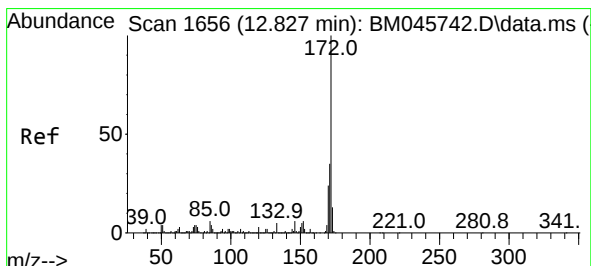
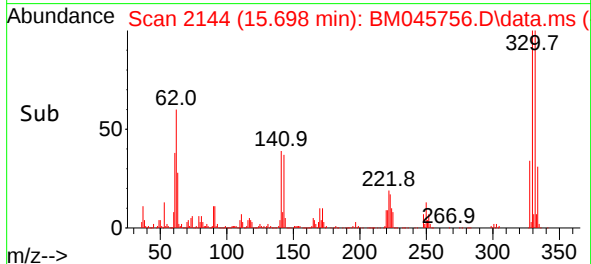
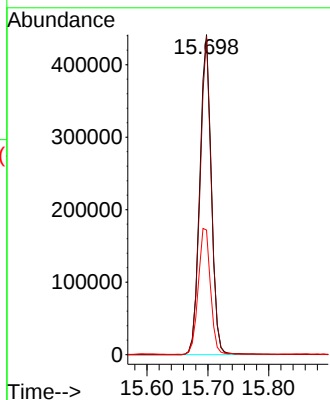
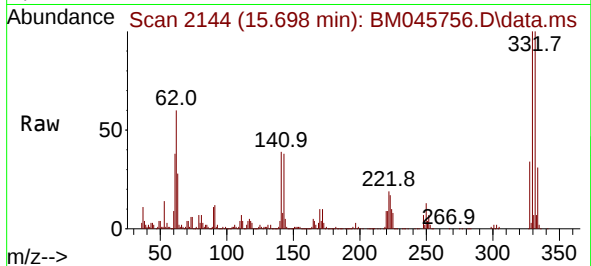




#42
2,4,6-Tribromophenol
Concen: 99.127 ng
RT: 15.698 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

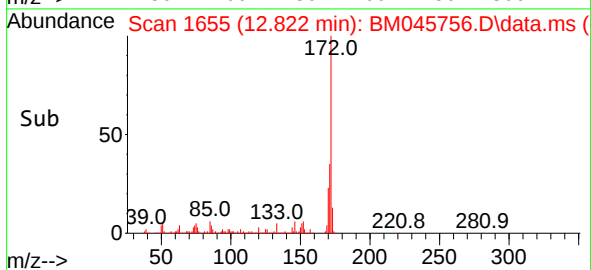
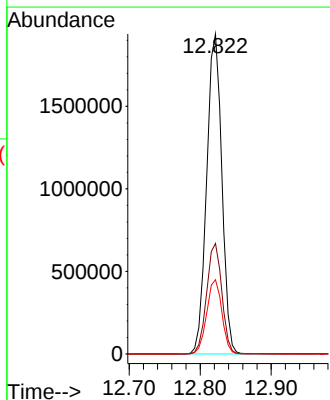
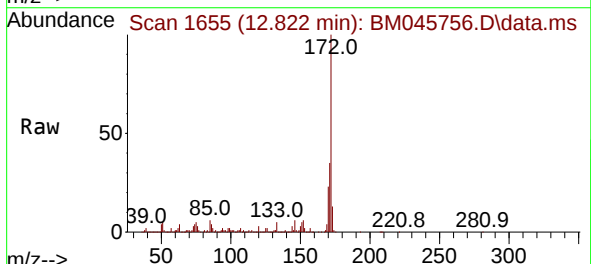
Instrument :
BNA_M
ClientSampleId :
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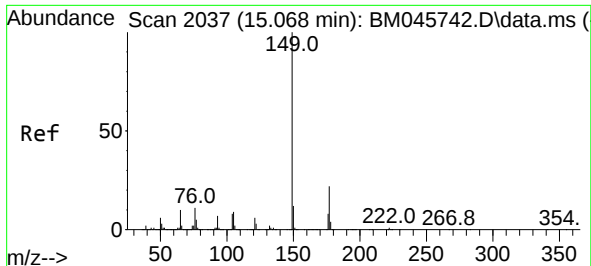
Tgt Ion:330 Resp: 581150
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 41.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 83.592 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:172 Resp: 2878799
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.2 18.8 28.2

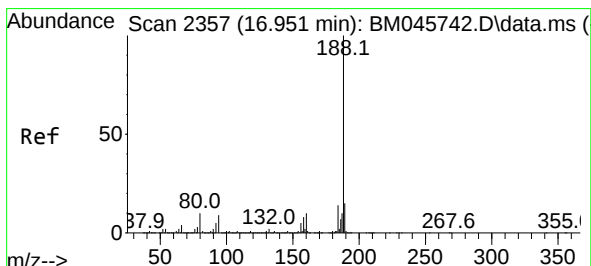
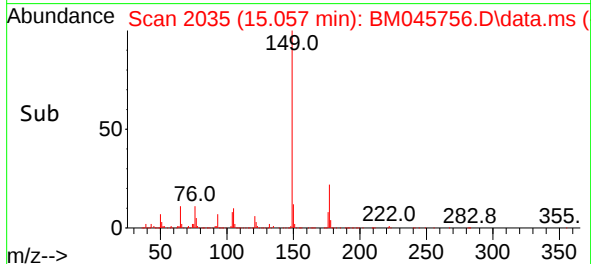
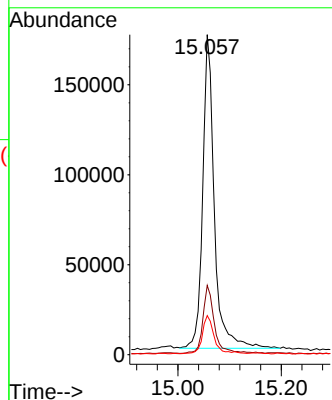
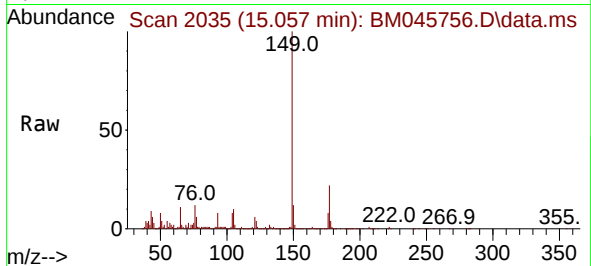




#60
Diethylphthalate
Concen: 6.952 ng
RT: 15.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

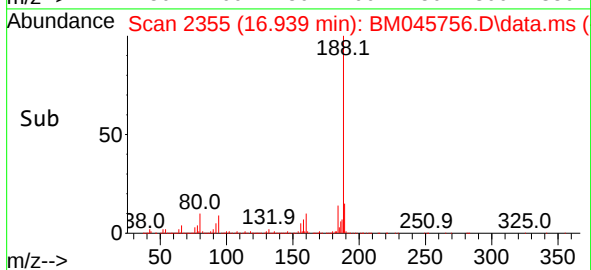
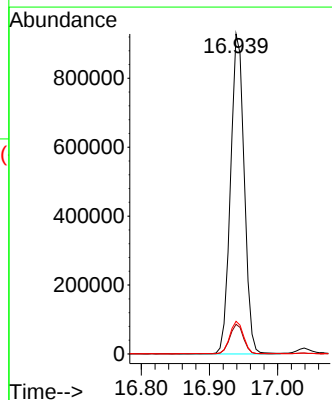
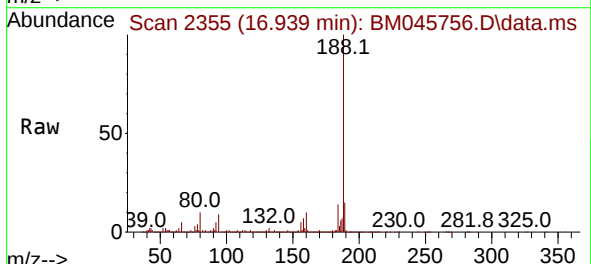
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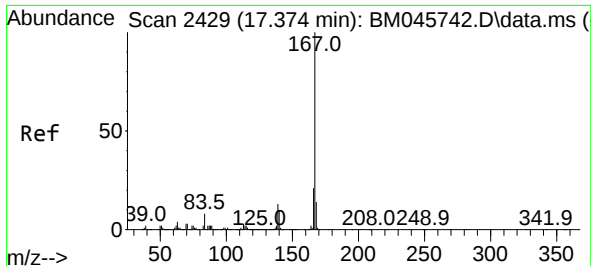
Tgt Ion:149 Resp: 271971
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.2 9.7 14.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.012 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:188 Resp: 1298344
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.2 7.8 11.6

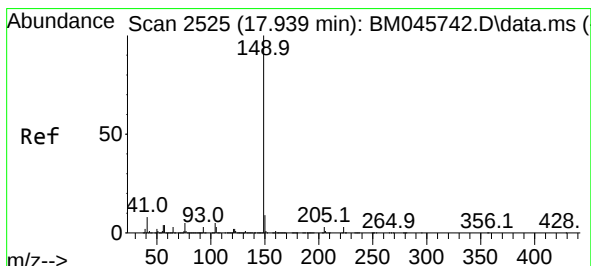
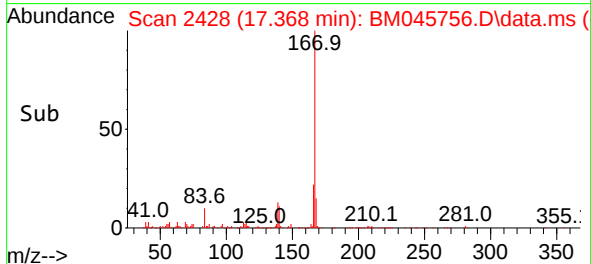
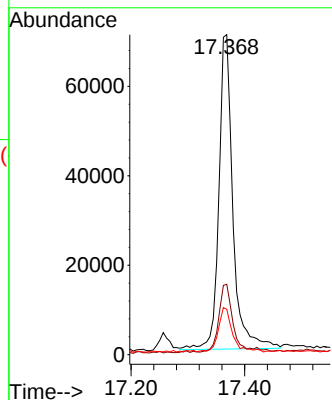
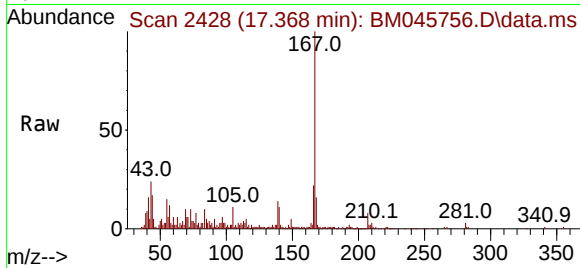




#73
 Carbazole
 Concen: 2.003 ng
 RT: 17.368 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BM045756.D
 Acq: 23 May 2024 16:53

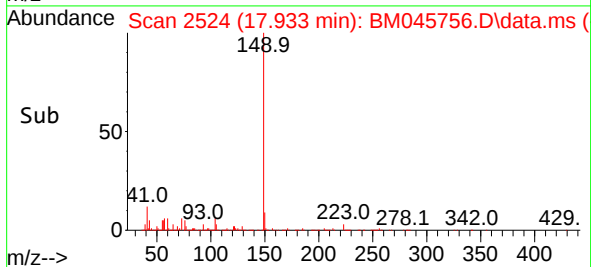
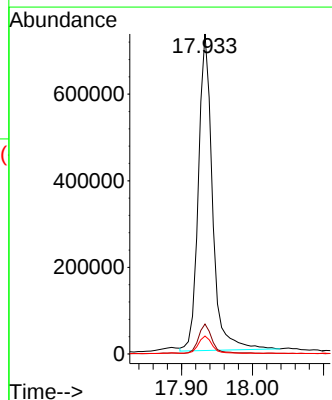
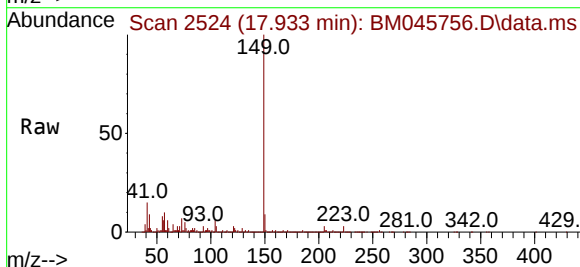
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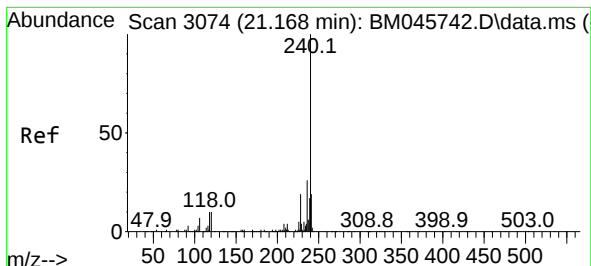
Tgt Ion:167 Resp: 120763
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.8 25.2
 139 14.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 13.523 ng
 RT: 17.933 min Scan# 2524
 Delta R.T. -0.006 min
 Lab File: BM045756.D
 Acq: 23 May 2024 16:53

Tgt Ion:149 Resp: 1012341
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.6 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.156 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM045756.D

Acq: 23 May 2024 16:53

Instrument :

BNA_M

ClientSampleId :

240515056-01

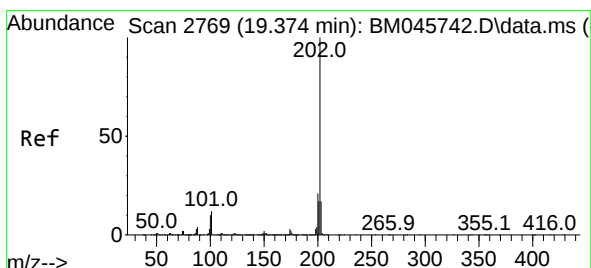
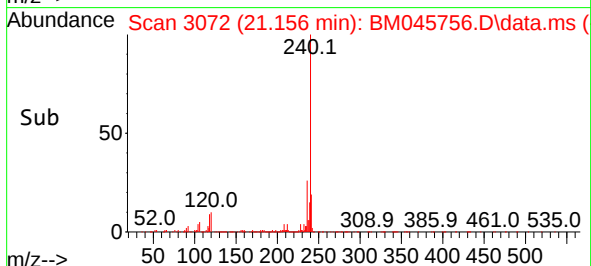
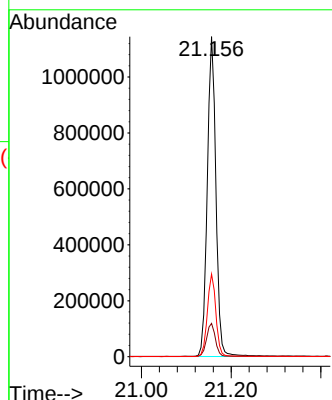
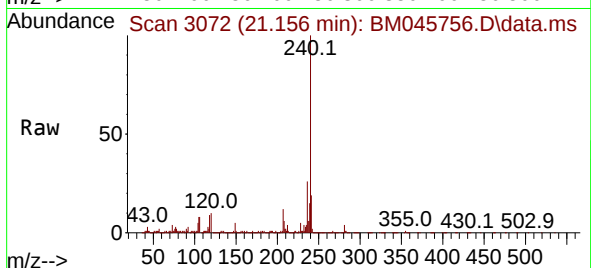
Tgt Ion:240 Resp: 1526826

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

236 25.8 20.7 31.1



#78

Pyrene

Concen: 2.046 ng

RT: 19.368 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BM045756.D

Acq: 23 May 2024 16:53

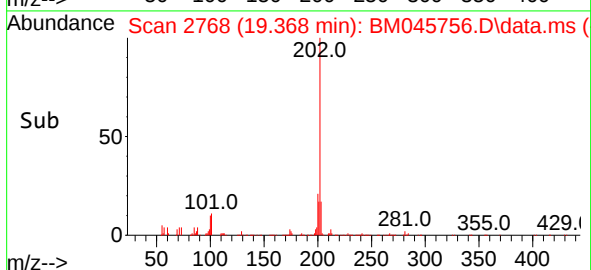
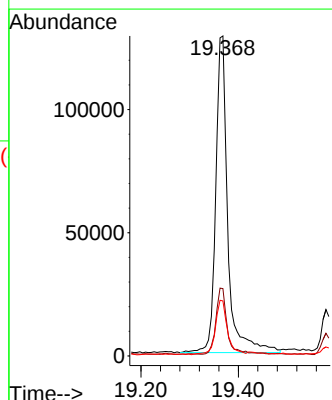
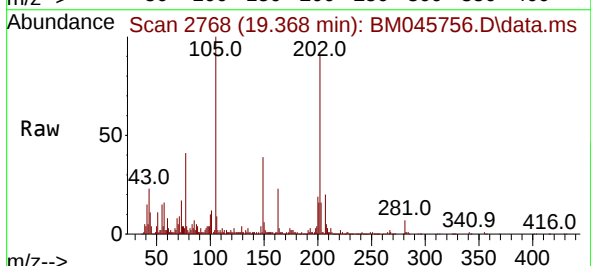
Tgt Ion:202 Resp: 220318

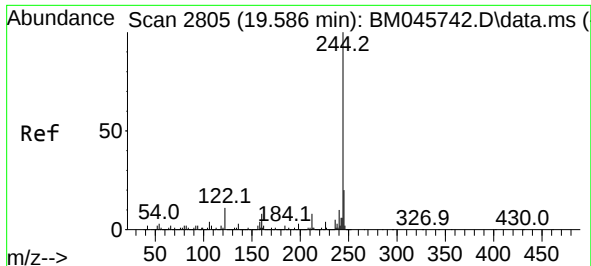
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.2 13.9 20.9

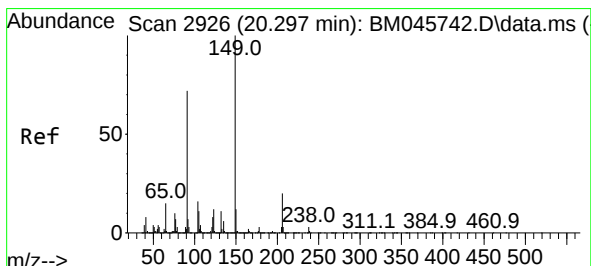
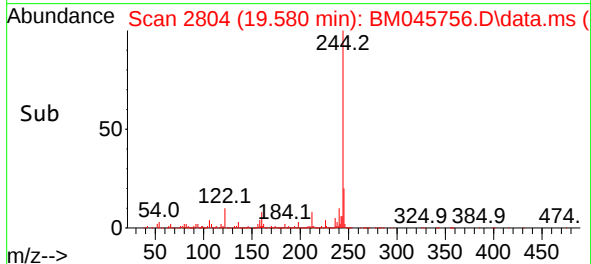
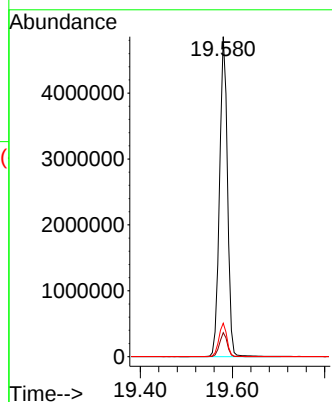
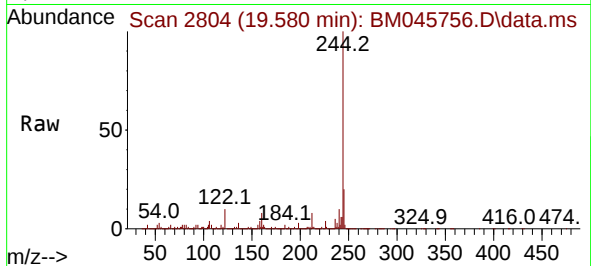




#79
 Terphenyl-d14
 Concen: 69.645 ng
 RT: 19.580 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM045756.D
 Acq: 23 May 2024 16:53

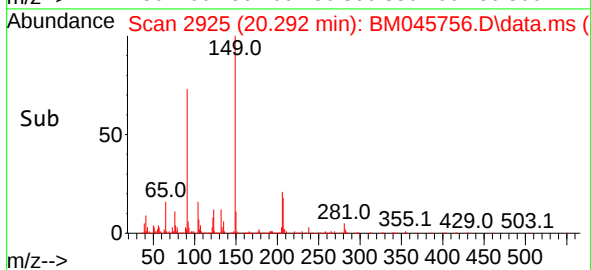
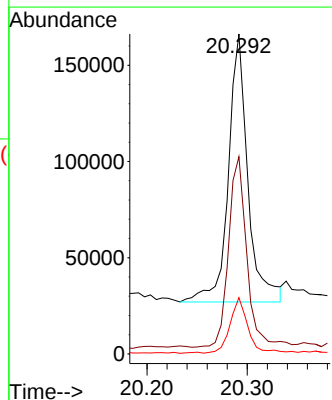
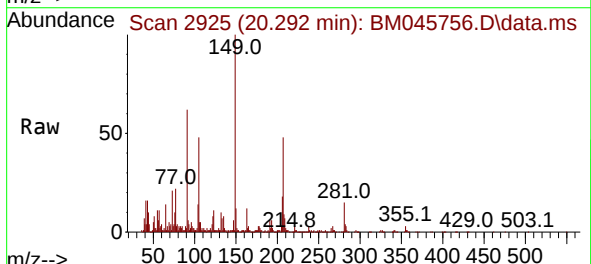
Instrument :
 BNA_M
 ClientSampleId :
 240515056-01

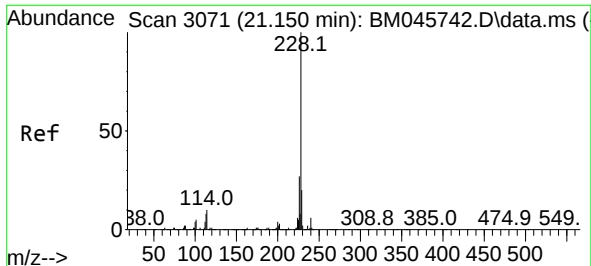
Tgt Ion:244 Resp: 5777439
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.5 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 4.028 ng
 RT: 20.292 min Scan# 2925
 Delta R.T. -0.006 min
 Lab File: BM045756.D
 Acq: 23 May 2024 16:53

Tgt Ion:149 Resp: 187920
 Ion Ratio Lower Upper
 149 100
 91 61.6 57.3 85.9
 206 17.6 16.2 24.2

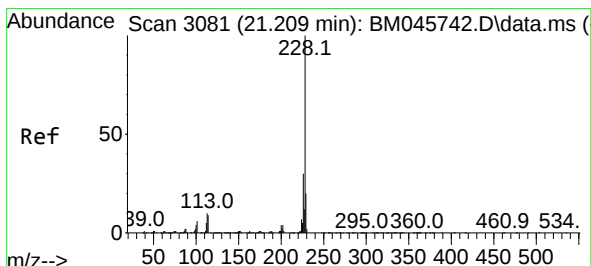
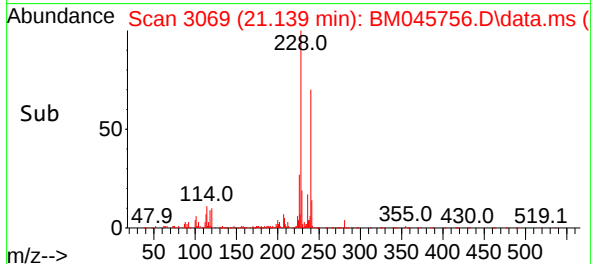
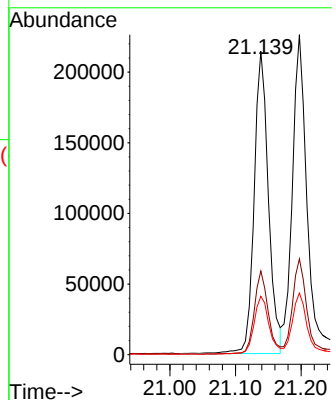
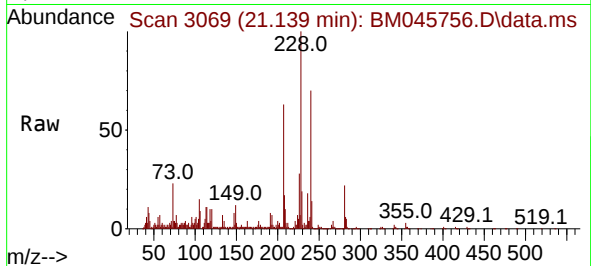




#81
Benzo(a)anthracene
Concen: 3.339 ng
RT: 21.139 min Scan# 3071
Delta R.T. -0.012 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

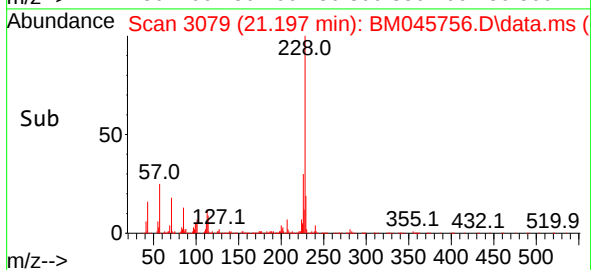
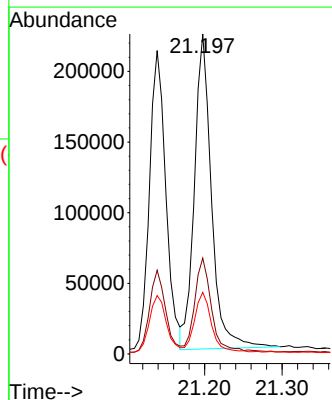
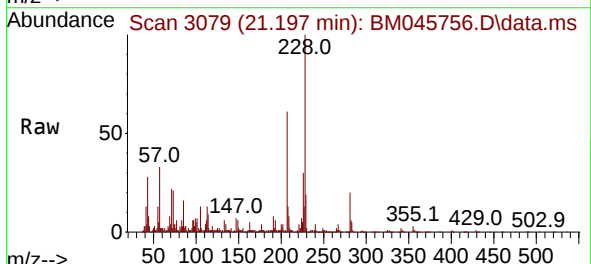
Instrument :
BNA_M
ClientSampleId :
240515056-01

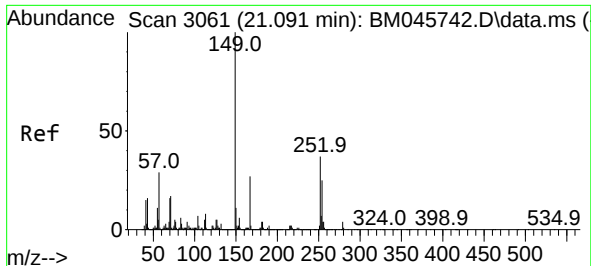
Tgt Ion:228 Resp: 324747
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.3 15.7 23.5



#83
Chrysene
Concen: 3.741 ng
RT: 21.197 min Scan# 3079
Delta R.T. -0.012 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:228 Resp: 341208
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.2 15.8 23.8

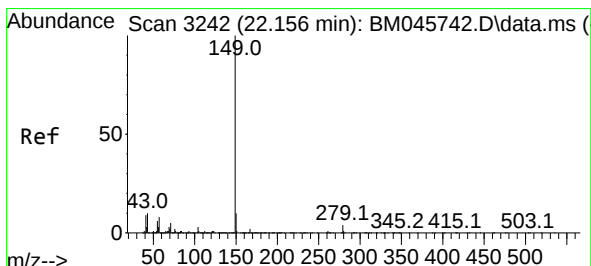
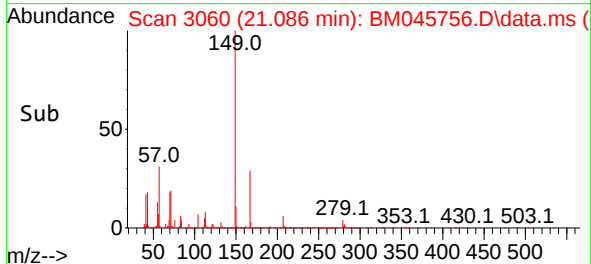
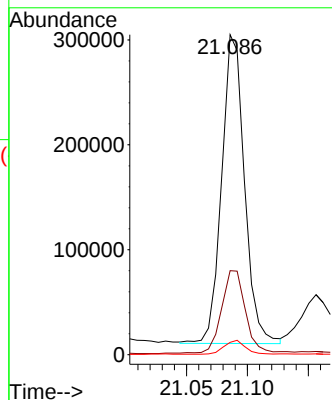
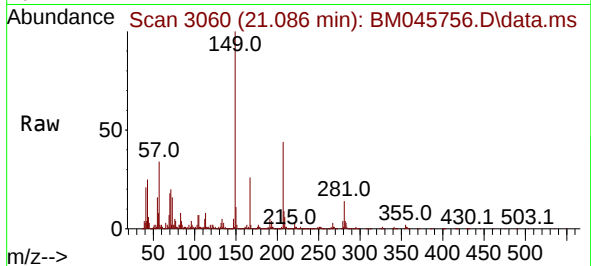




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.861 ng
RT: 21.086 min Scan# 3060
Delta R.T. -0.006 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

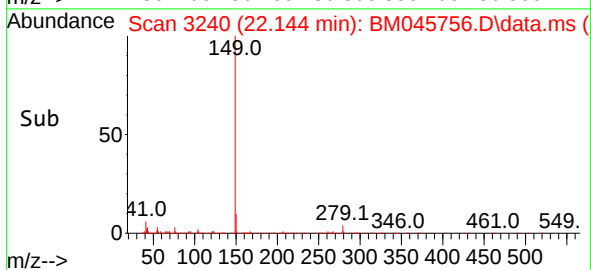
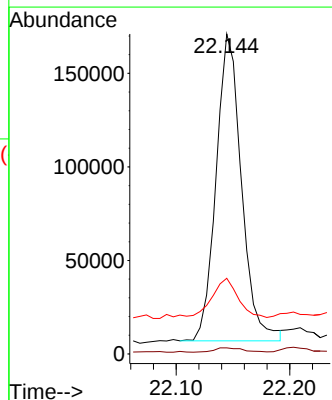
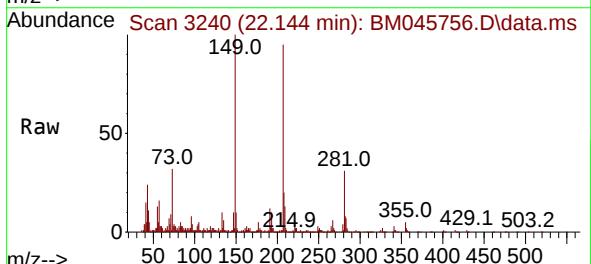
Instrument :
BNA_M
ClientSampleId :
240515056-01

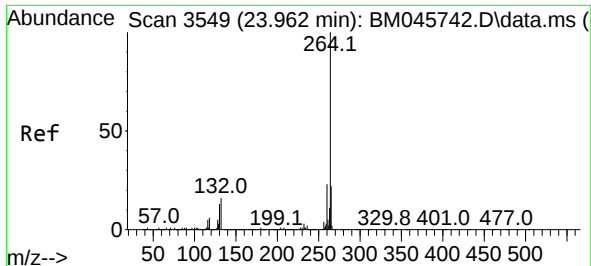
Tgt Ion:149 Resp: 383944
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.8
279 3.8 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 2.232 ng
RT: 22.144 min Scan# 3240
Delta R.T. -0.012 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:149 Resp: 255003
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.9 8.8 13.2#



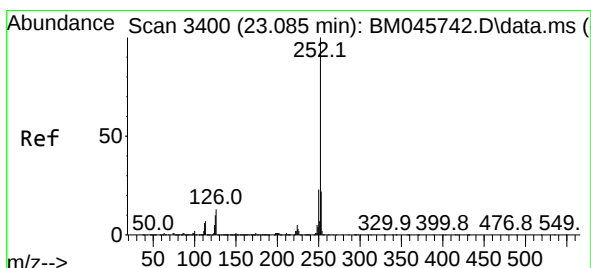
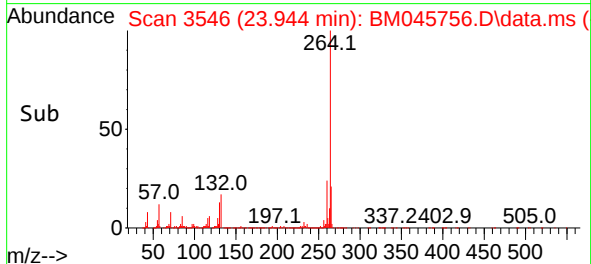
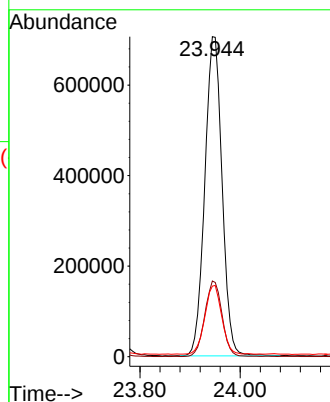
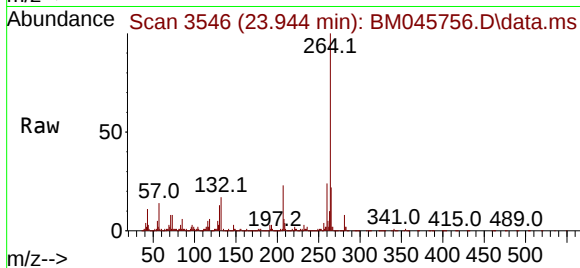


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Instrument :
BNA_M
ClientSampleId :
240515056-01

Tgt Ion:264 Resp: 1686378

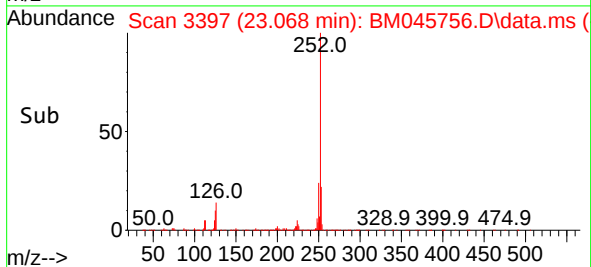
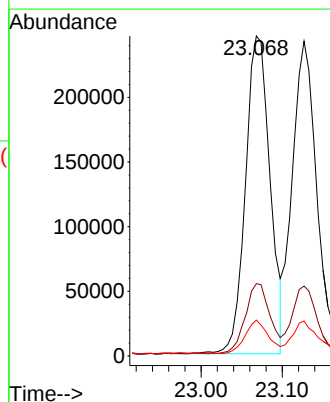
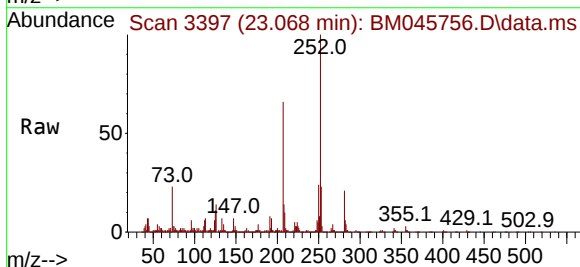
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	17.8	26.8

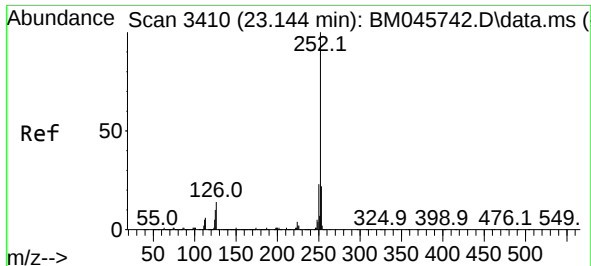


#88
Benzo(b)fluoranthene
Concen: 5.414 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.018 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:252 Resp: 517787

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.2	8.0	12.0

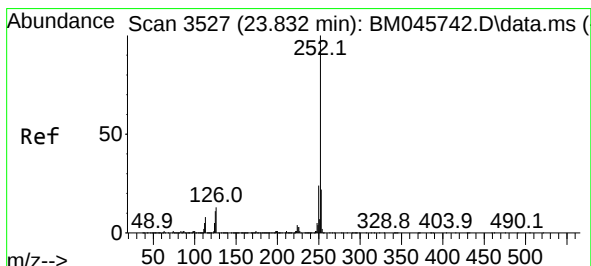
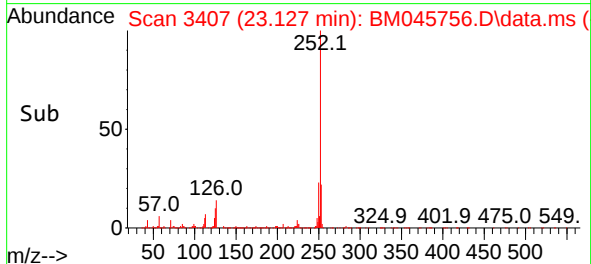
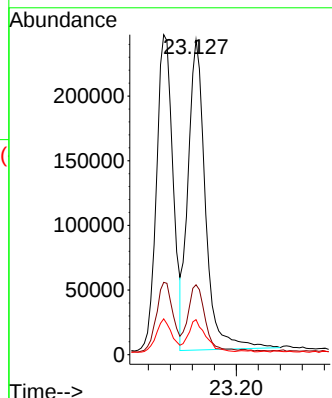
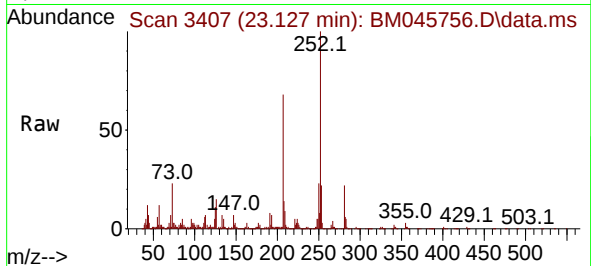




#89
Benzo(k)fluoranthene
Concen: 5.807 ng
RT: 23.127 min Scan# 3410
Delta R.T. -0.018 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Instrument :
BNA_M
ClientSampleId :
240515056-01

Tgt Ion:252 Resp: 527091
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 4.220 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.018 min
Lab File: BM045756.D
Acq: 23 May 2024 16:53

Tgt Ion:252 Resp: 350716
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 12.0 8.5 12.7

