

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047243.D
 Acq On : 16 Aug 2024 20:32
 Operator : RC/JU
 Sample : P3634-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Quant Time: Aug 16 23:21:25 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

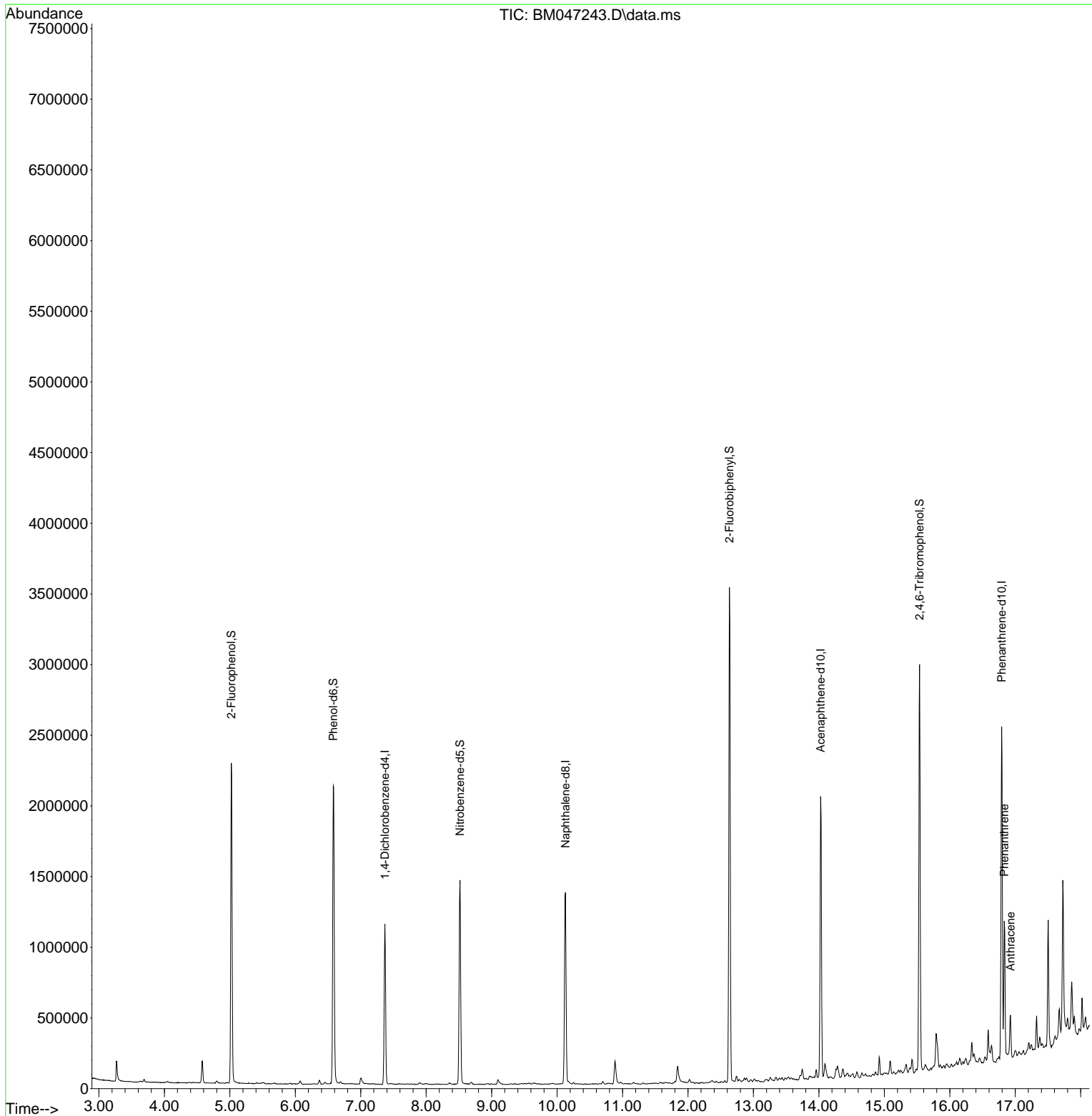
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.369	152	309260	20.000	ng	0.00	
21) Naphthalene-d8	10.128	136	1135952	20.000	ng	0.00	
39) Acenaphthene-d10	14.027	164	713201	20.000	ng	0.00	
64) Phenanthrene-d10	16.792	188	1437925	20.000	ng	0.00	
76) Chrysene-d12	21.033	240	1107965	20.000	ng	0.00	
86) Perylene-d12	23.744	264	1262544	20.000	ng	0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	977070	56.453	ng	0.00	
7) Phenol-d6	6.581	99	1251716	52.486	ng	0.00	
23) Nitrobenzene-d5	8.516	82	838564	37.171	ng	0.00	
42) 2,4,6-Tribromophenol	15.539	330	512141	61.930	ng	0.00	
45) 2-Fluorobiphenyl	12.633	172	1886421	40.800	ng	-0.01	
79) Terphenyl-d14	19.462	244	2554134	49.396	ng	0.00	
Target Compounds							
71) Phenanthrene	16.833	178	582453	8.071	ng	100	Qvalue
72) Anthracene	16.927	178	168626	2.402	ng	99	
75) Fluoranthene	18.868	202	1208596	13.769	ng	99	
78) Pyrene	19.239	202	1101146	13.919	ng	98	
81) Benzo(a)anthracene	21.015	228	496982	6.757	ng	95	
83) Chrysene	21.068	228	502484m	7.200	ng		
87) Indeno(1,2,3-cd)pyrene	26.750	276	321023	3.934	ng	#	95
88) Benzo(b)fluoranthene	22.897	252	632085	8.430	ng	#	91
89) Benzo(k)fluoranthene	22.950	252	220636m	3.115	ng		
90) Benzo(a)pyrene	23.615	252	471085	7.253	ng	#	90
92) Benzo(g,h,i)perylene	27.685	276	322182	4.699	ng		95

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

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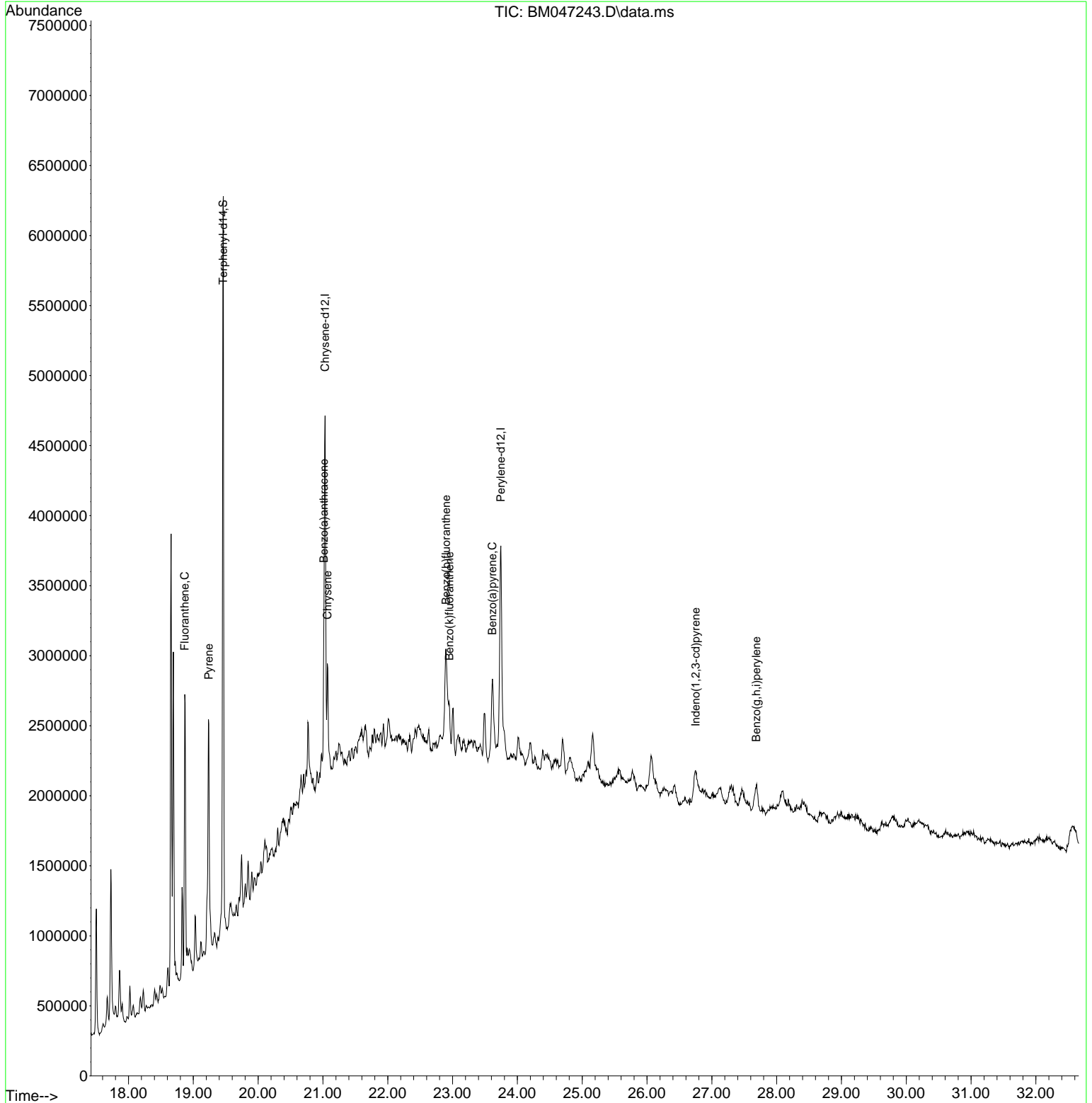
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

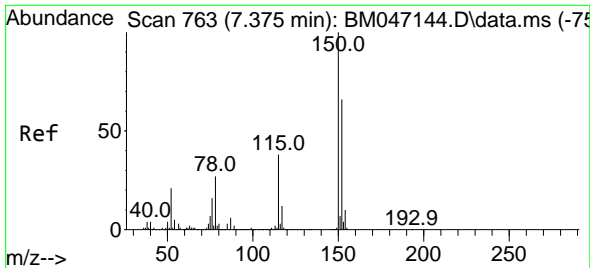


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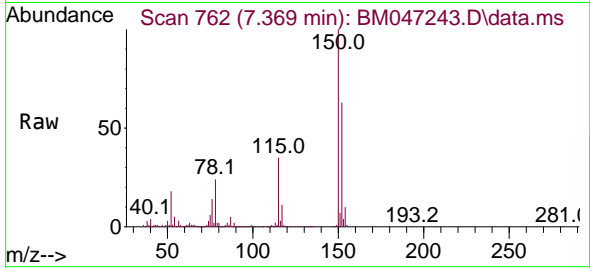
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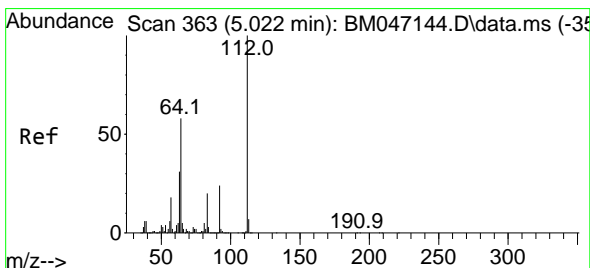
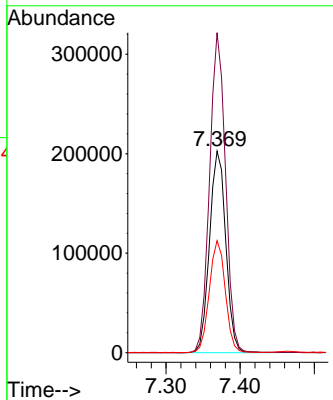
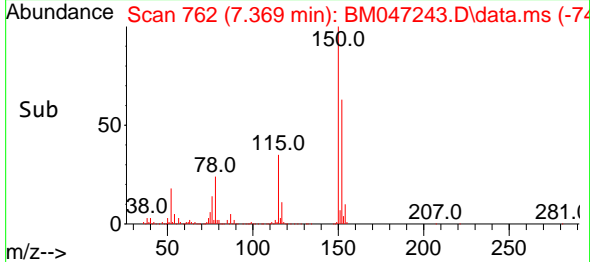


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.369 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

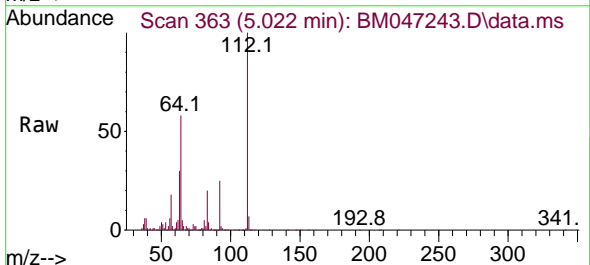
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 ClientSampleId :
 TR-06-08152024



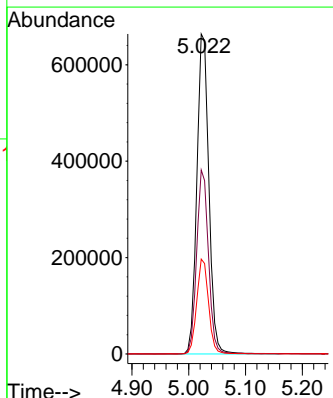
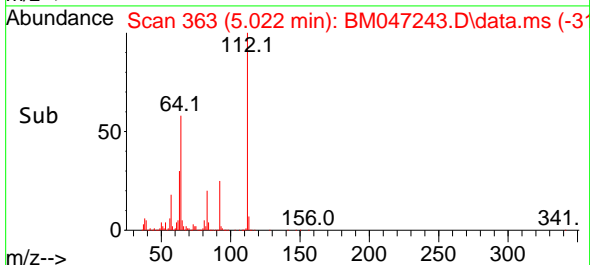
Tgt Ion:152 Resp: 309260
 Ion Ratio Lower Upper
 152 100
 150 158.8 120.5 180.7
 115 55.6 45.5 68.3

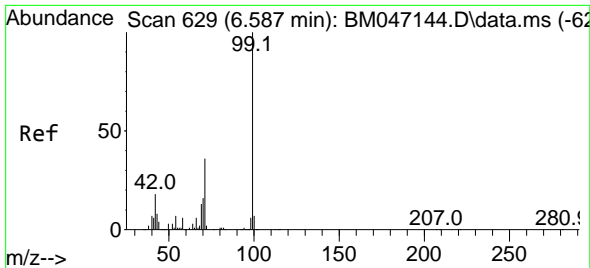


#5
 2-Fluorophenol
 Concen: 56.453 ng
 RT: 5.022 min Scan# 363
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32



Tgt Ion:112 Resp: 977070
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.7 70.1
 63 29.7 24.8 37.2



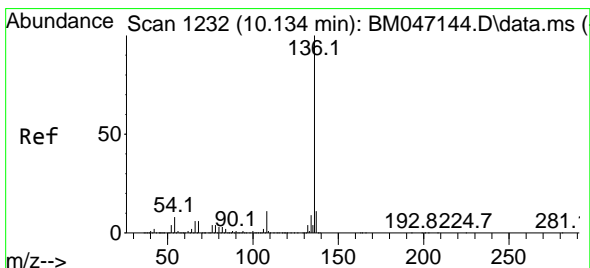
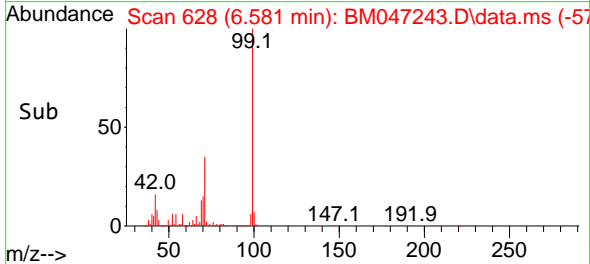
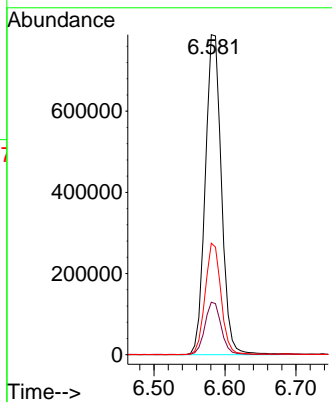
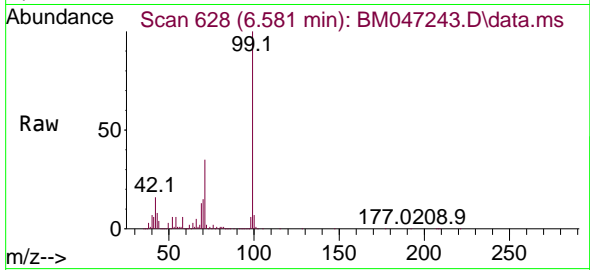


#7
 Phenol-d6
 Concen: 52.486 ng
 RT: 6.581 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Tgt Ion: 99 Resp: 1251716

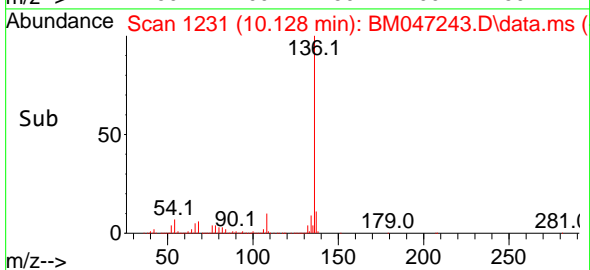
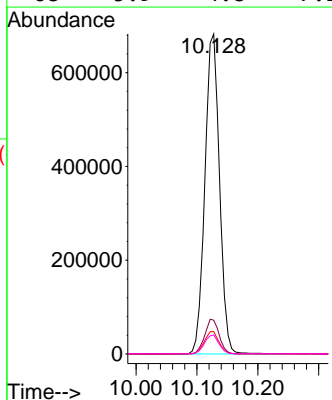
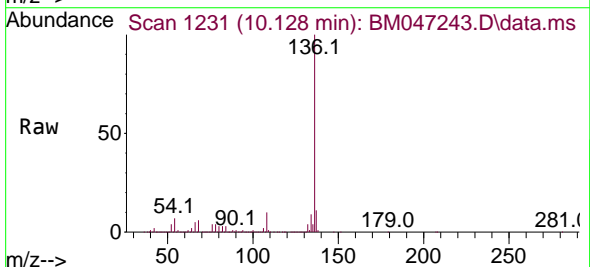
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	34.9	28.5	42.7

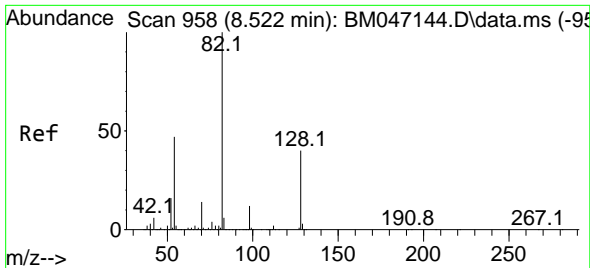


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.128 min Scan# 1231
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion: 136 Resp: 1135952

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.0	6.0	9.0
68	5.9	4.8	7.2



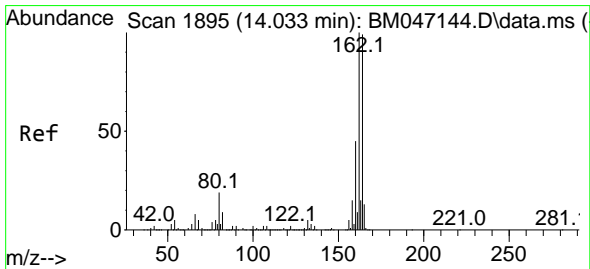
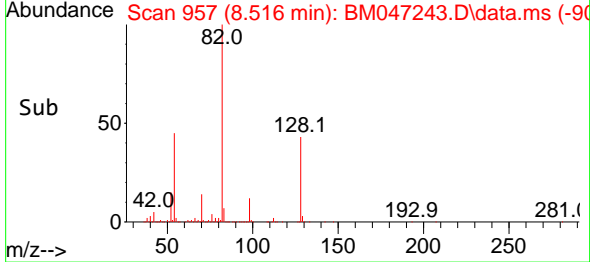
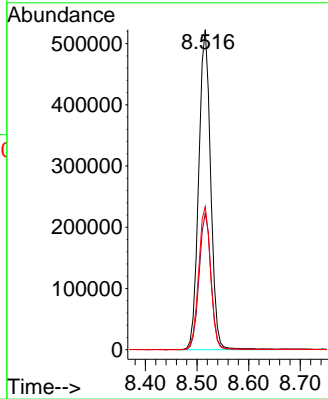
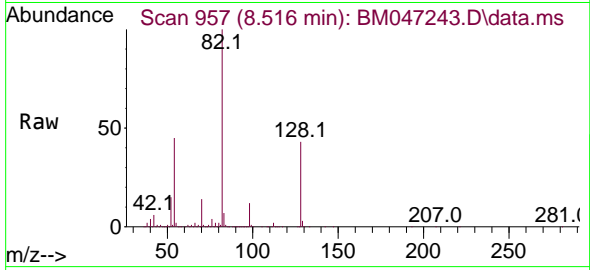


#23
 Nitrobenzene-d5
 Concen: 37.171 ng
 RT: 8.516 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Tgt Ion: 82 Resp: 838564

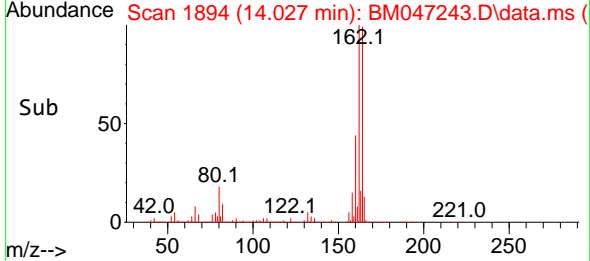
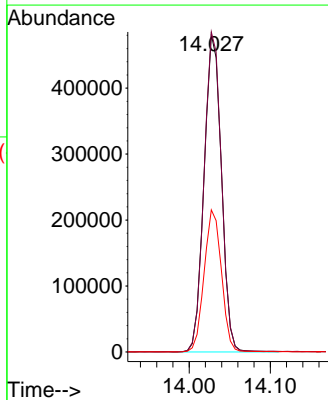
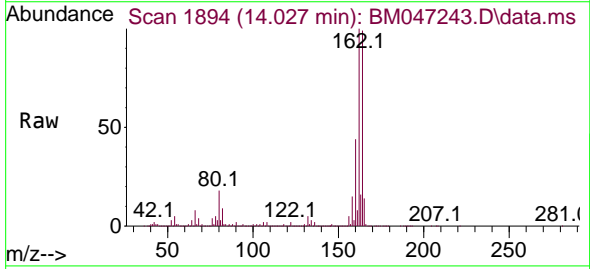
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.3	48.5
54	44.7	37.4	56.2

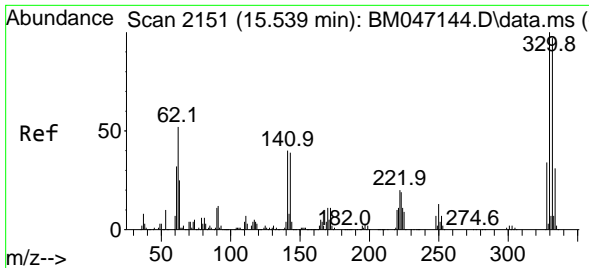


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion: 164 Resp: 713201

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	44.7	36.0	54.0

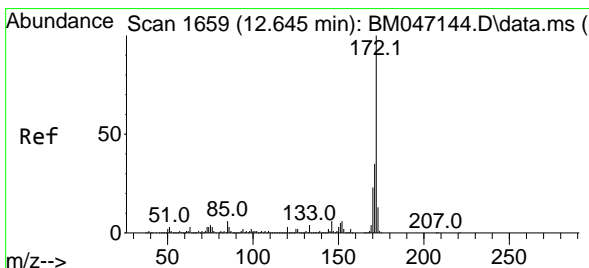
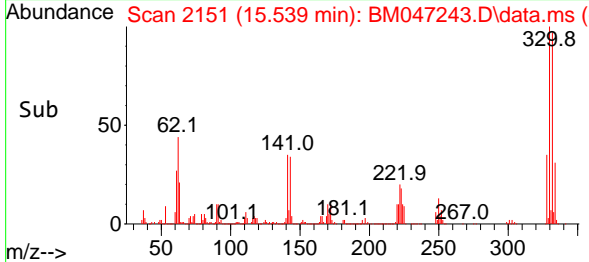
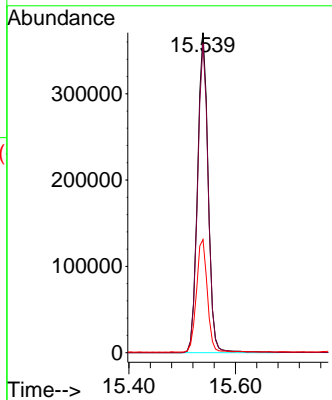
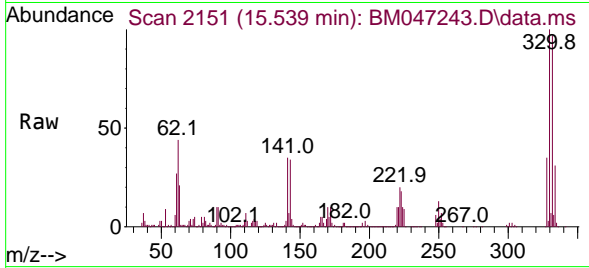




#42
 2,4,6-Tribromophenol
 Concen: 61.930 ng
 RT: 15.539 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

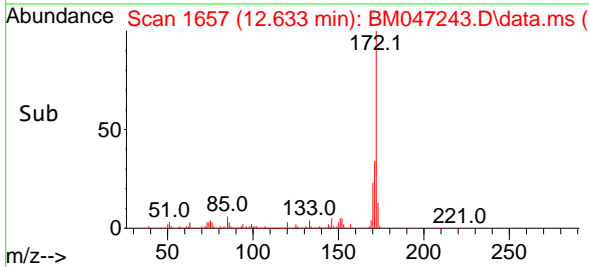
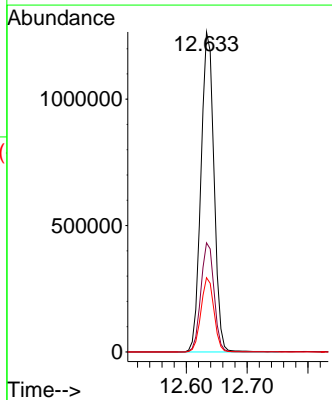
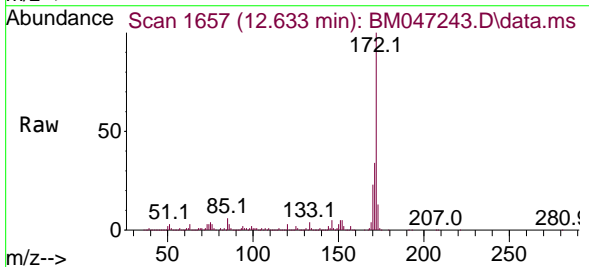
Instrument : BNA_M
 ClientSampleId : TR-06-08152024

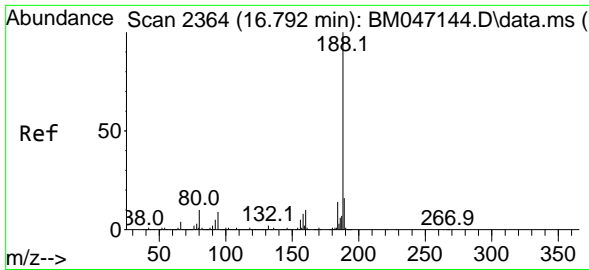
Tgt Ion:330 Resp: 512141
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 35.6 31.6 47.4



#45
 2-Fluorobiphenyl
 Concen: 40.800 ng
 RT: 12.633 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion:172 Resp: 1886421
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.8 41.6
 170 23.2 18.7 28.1



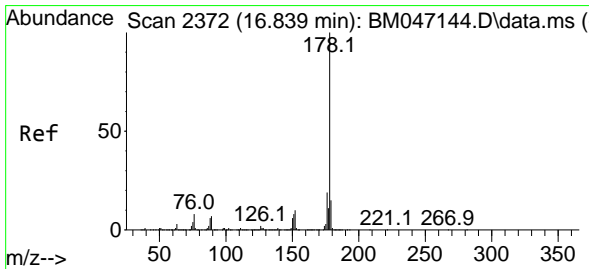
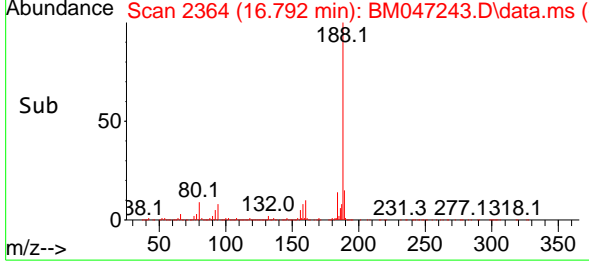
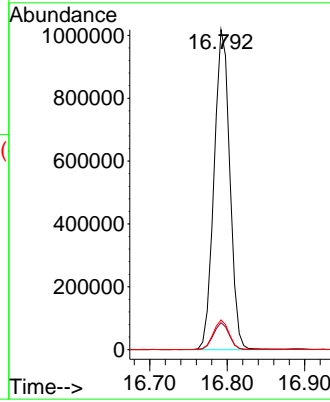
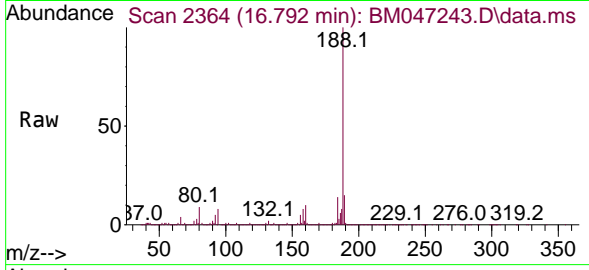


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Tgt Ion:188 Resp: 1437925

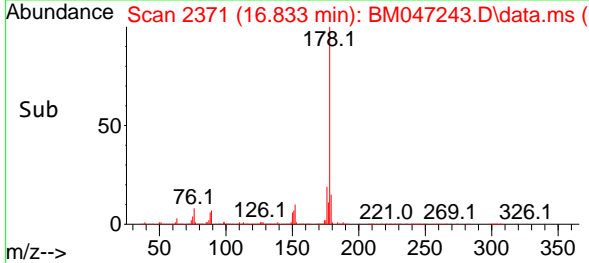
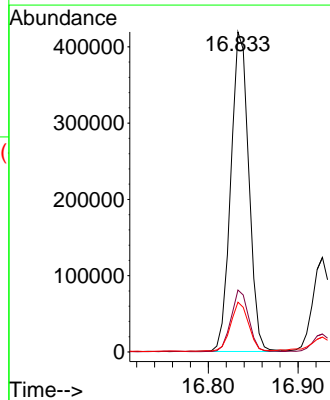
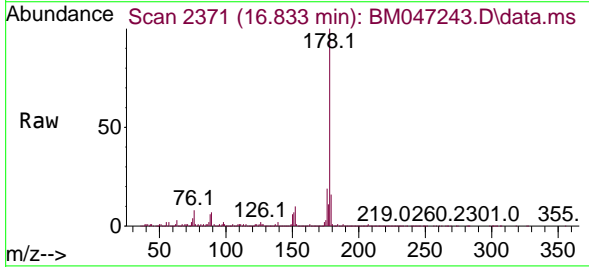
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.3	8.0	12.0

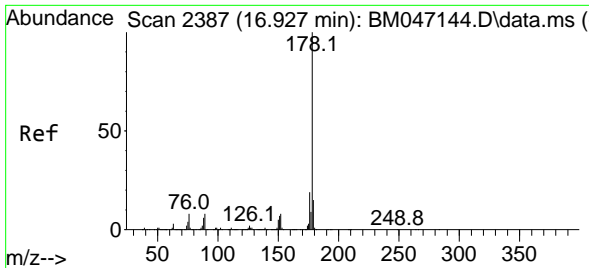


#71
 Phenanthrene
 Concen: 8.071 ng
 RT: 16.833 min Scan# 2371
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion:178 Resp: 582453

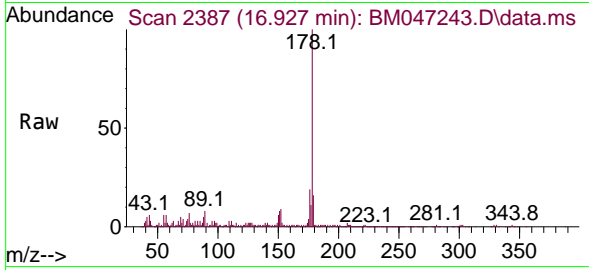
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.4	18.6





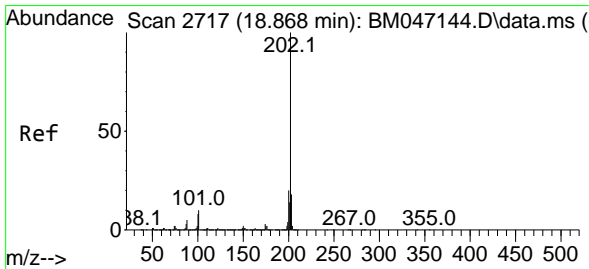
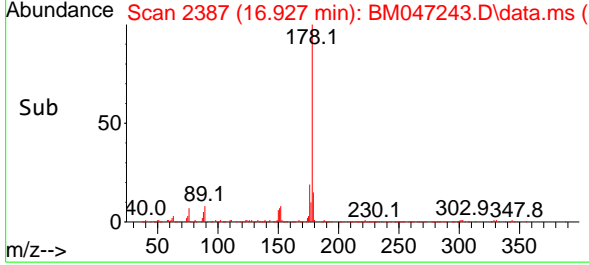
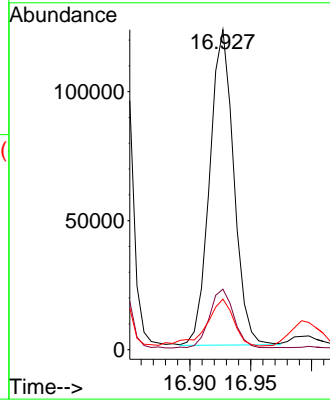
#72
 Anthracene
 Concen: 2.402 ng
 RT: 16.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
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 ClientSampleId :
 TR-06-08152024



Tgt Ion:178 Resp: 168626

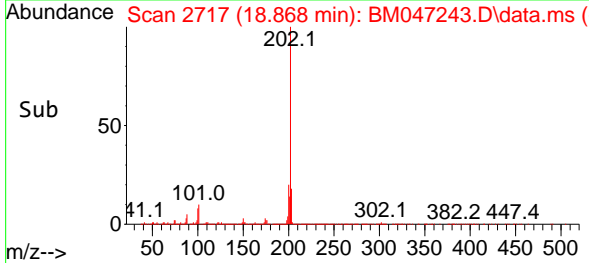
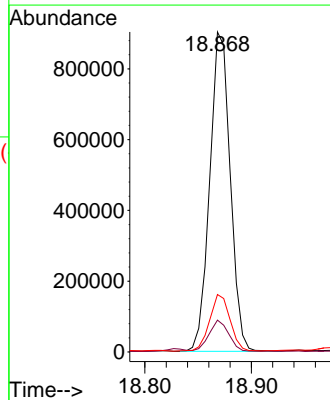
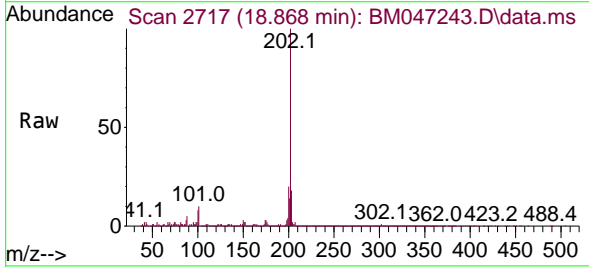
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.8	12.4	18.6

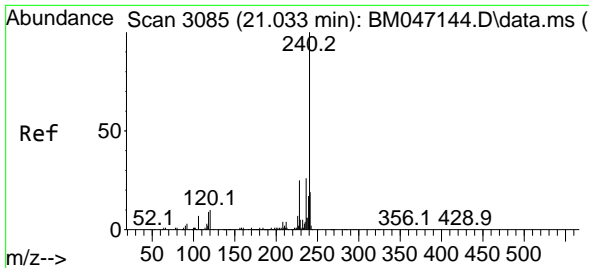


#75
 Fluoranthene
 Concen: 13.769 ng
 RT: 18.868 min Scan# 2717
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion:202 Resp: 1208596

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.2
203	17.9	0.0	37.6



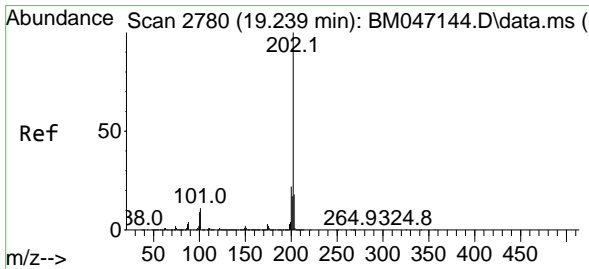
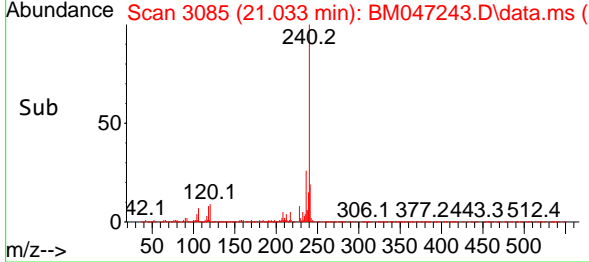
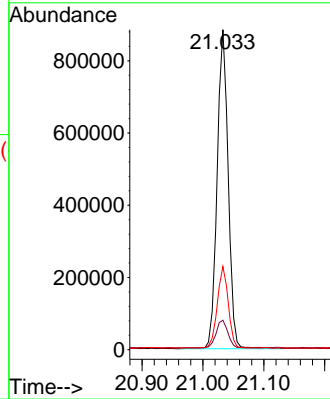
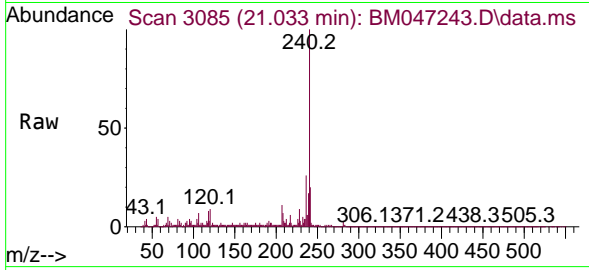


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.033 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Tgt Ion:240 Resp: 1107965

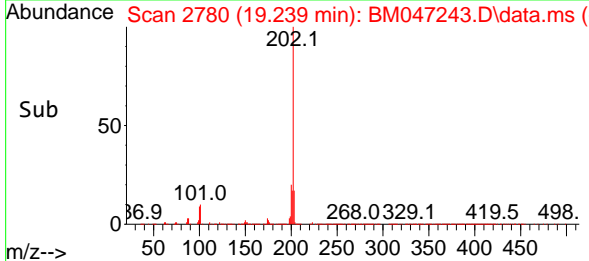
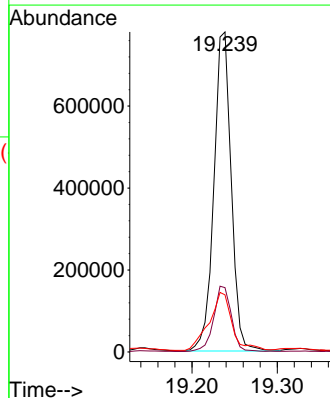
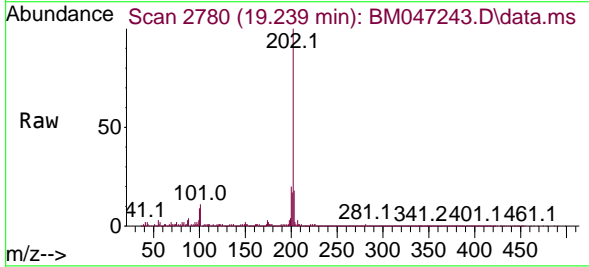
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.0	20.6	30.8

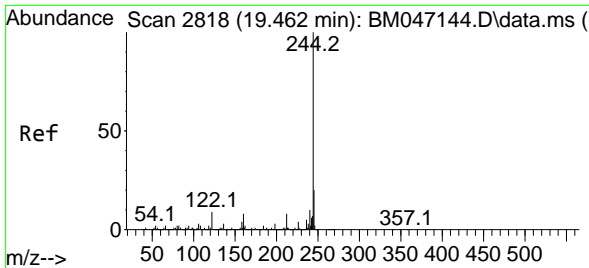


#78
 Pyrene
 Concen: 13.919 ng
 RT: 19.239 min Scan# 2780
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion:202 Resp: 1101146

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.2	25.8
203	17.8	14.2	21.2



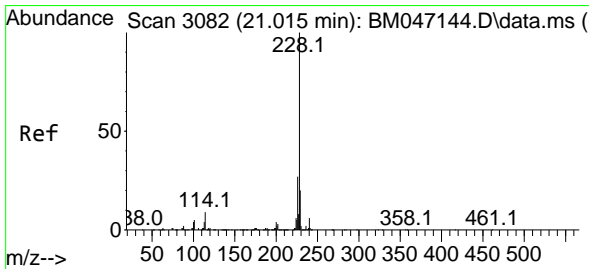
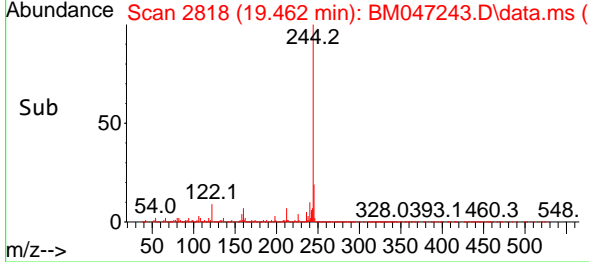
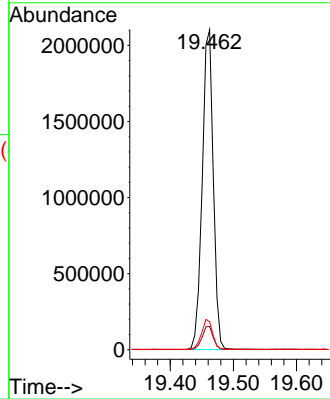
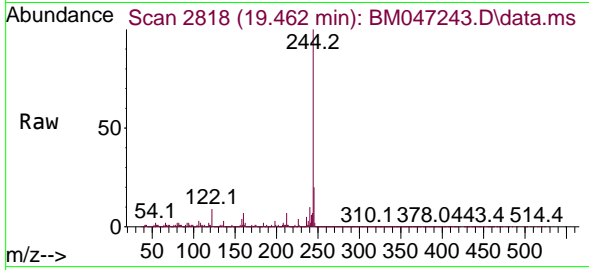


#79
 Terphenyl-d14
 Concen: 49.396 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Tgt Ion:244 Resp: 2554134

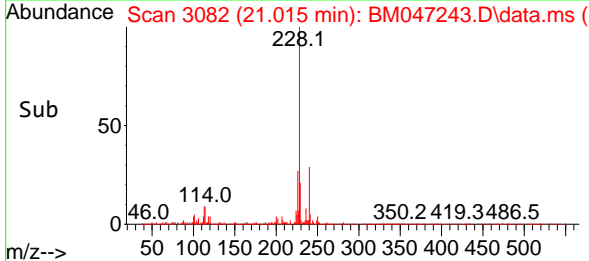
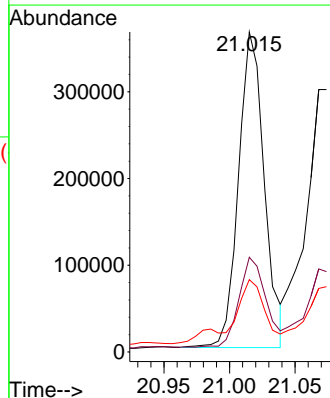
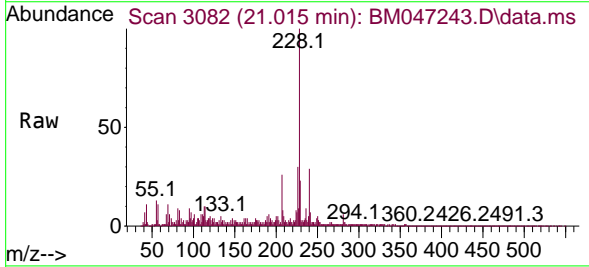
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	8.7	7.1	10.7

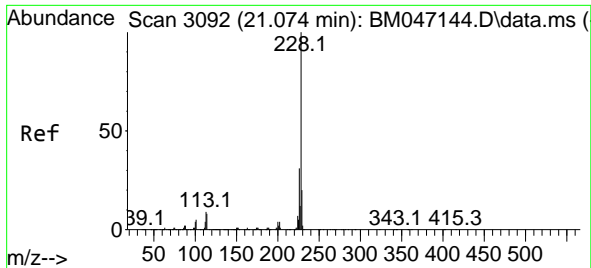


#81
 Benzo(a)anthracene
 Concen: 6.757 ng
 RT: 21.015 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion:228 Resp: 496982

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.6
229	22.6	15.8	23.8

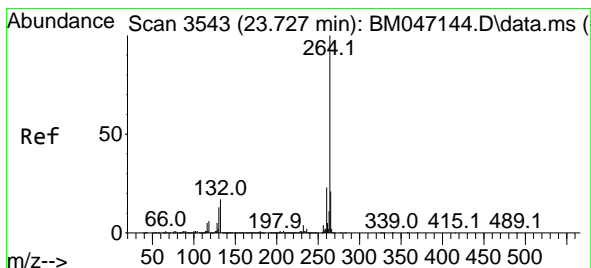
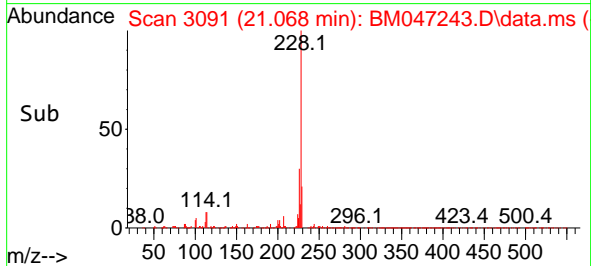
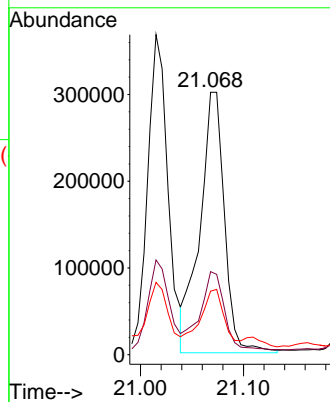
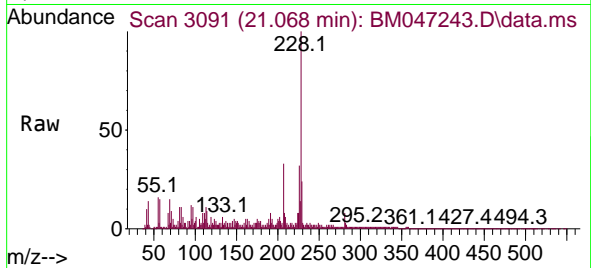




#83
 Chrysene
 Concen: 7.200 ng m
 RT: 21.068 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

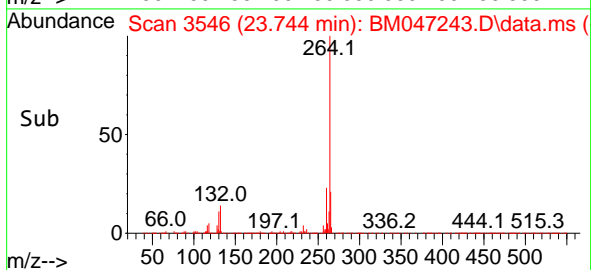
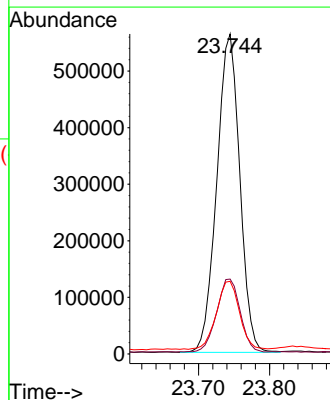
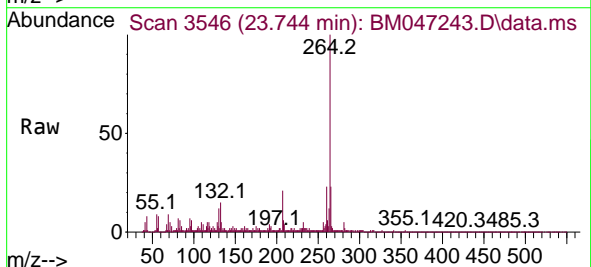
Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

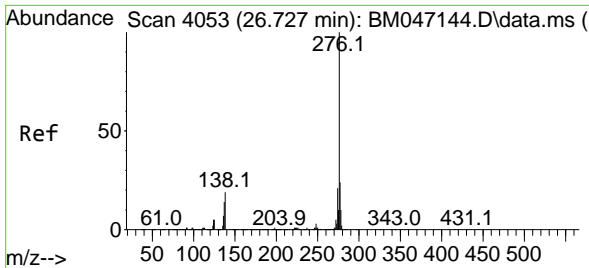
Tgt Ion:228 Resp: 502484
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.4 36.6
 229 24.2 15.7 23.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.744 min Scan# 3546
 Delta R.T. 0.017 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion:264 Resp: 1262544
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.7 17.3 25.9



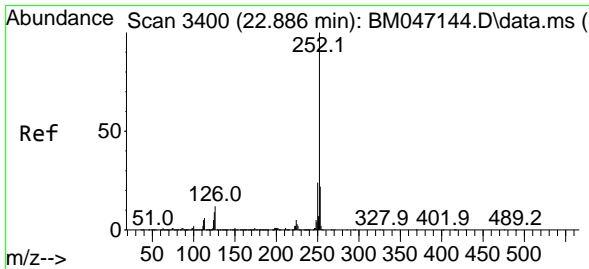
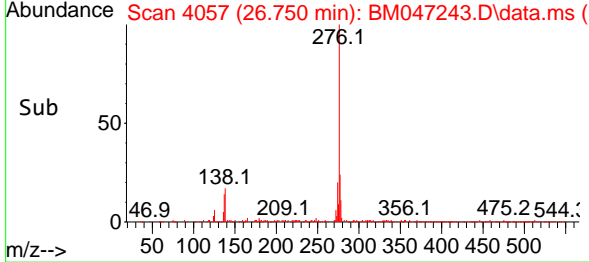
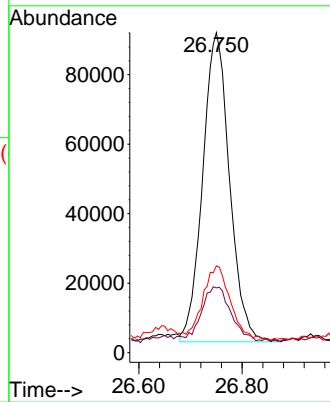
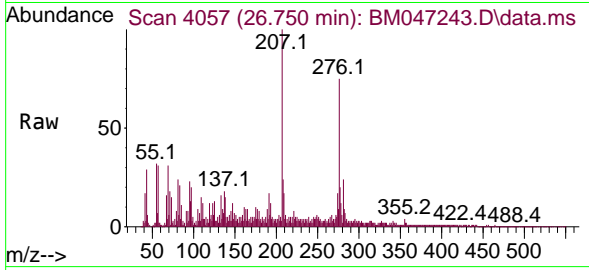


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.934 ng
 RT: 26.750 min Scan# 4057
 Delta R.T. 0.023 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024

Tgt Ion: 276 Resp: 321023

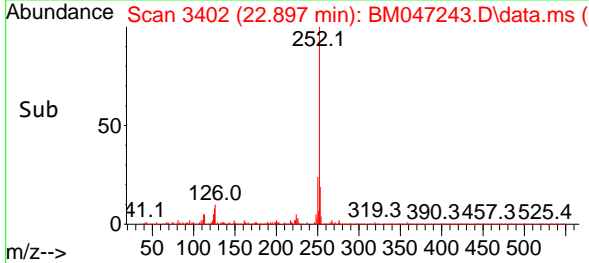
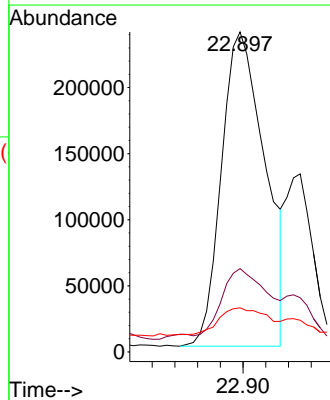
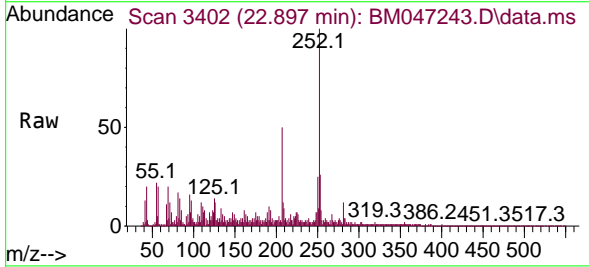
Ion	Ratio	Lower	Upper
276	100		
138	19.3	19.4	29.0#
277	24.6	20.1	30.1

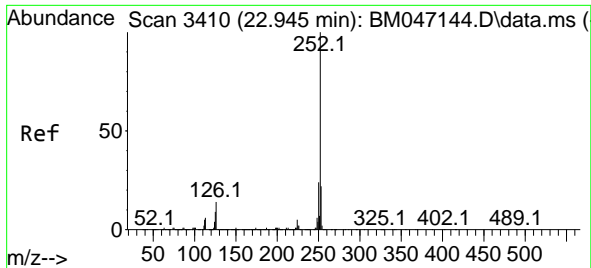


#88
 Benzo(b)fluoranthene
 Concen: 8.430 ng
 RT: 22.897 min Scan# 3402
 Delta R.T. 0.012 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Tgt Ion: 252 Resp: 632085

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.6
125	13.8	7.4	11.0#

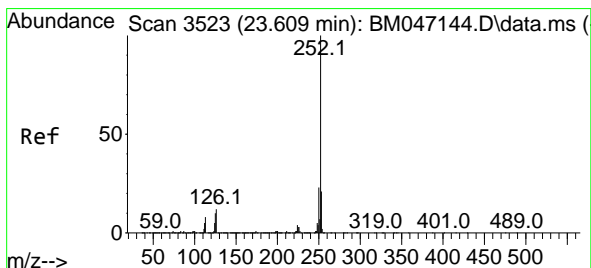
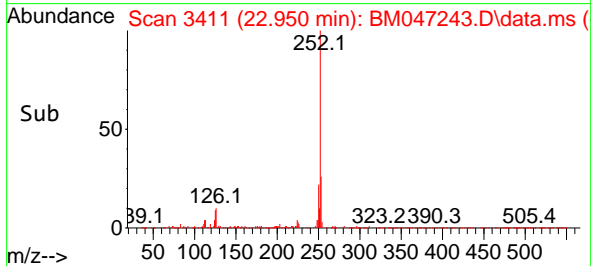
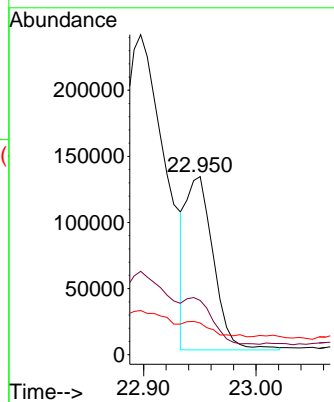
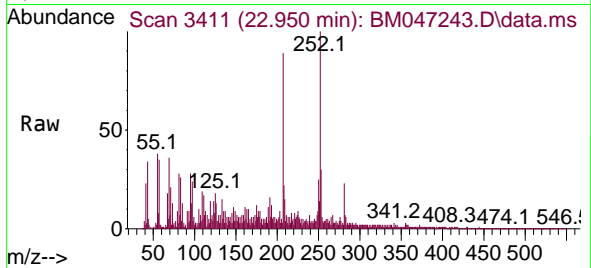




#89
 Benzo(k)fluoranthene
 Concen: 3.115 ng m
 RT: 22.950 min Scan# 3410
 Delta R.T. 0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

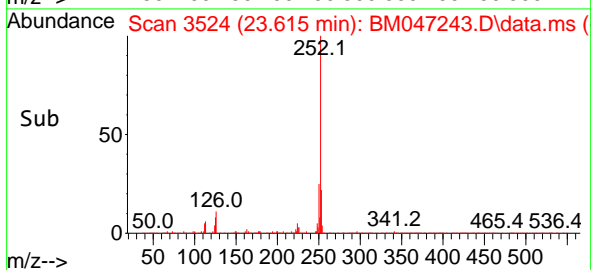
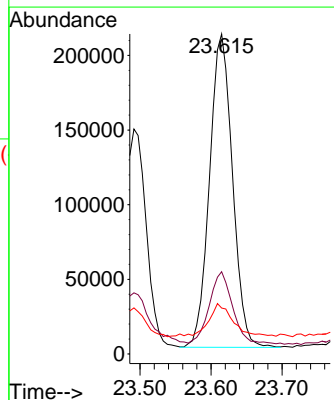
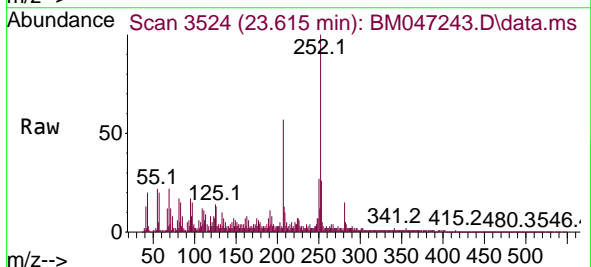
Instrument : BNA_M
 ClientSampleId : TR-06-08152024

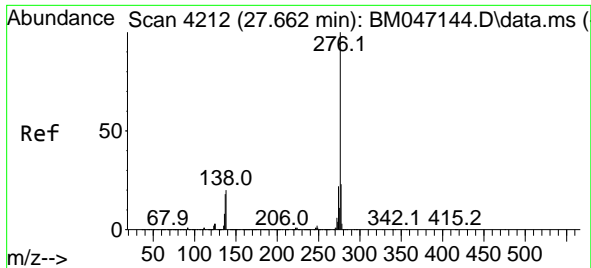
Tgt Ion:252 Resp: 220636
 Ion Ratio Lower Upper
 252 100
 253 30.5 17.7 26.5#
 125 17.8 7.4 11.2#



#90
 Benzo(a)pyrene
 Concen: 7.253 ng
 RT: 23.615 min Scan# 3524
 Delta R.T. 0.006 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

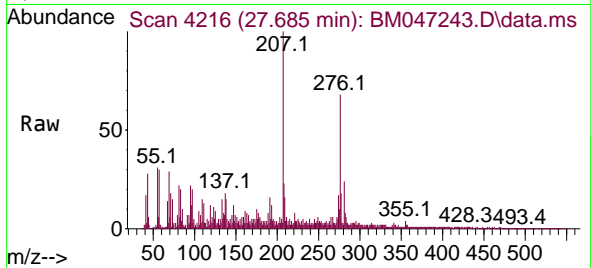
Tgt Ion:252 Resp: 471085
 Ion Ratio Lower Upper
 252 100
 253 25.7 17.1 25.7#
 125 14.3 8.2 12.2#





#92
 Benzo(g,h,i)perylene
 Concen: 4.699 ng
 RT: 27.685 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BM047243.D
 Acq: 16 Aug 2024 20:32

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-08152024



Tgt Ion: 276 Resp: 322182
 Ion Ratio Lower Upper
 276 100
 277 26.4 18.8 28.2
 138 21.9 16.2 24.4

