

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036154.D
 Acq On : 08 Aug 2022 21:11
 Operator : CG/JU
 Sample : N3963-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216

Quant Time: Aug 08 23:41:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 23:36:56 2022
 Response via : Initial Calibration

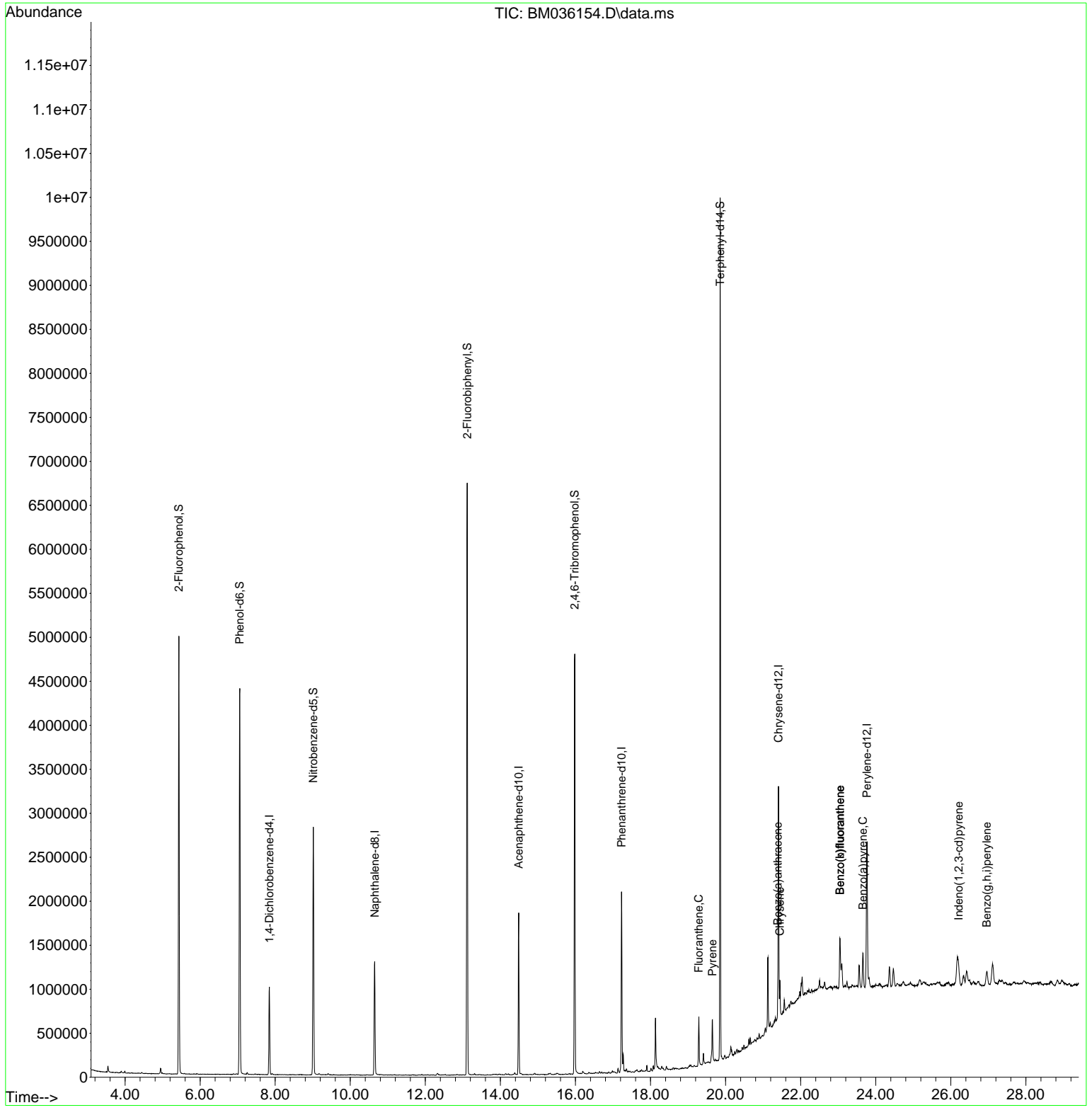
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	269425	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1094646	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	615421	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1178705	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1111270	20.000	ng	-0.01
86) Perylene-d12	23.768	264	1212322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2091818	125.875	ng	0.00
7) Phenol-d6	7.057	99	2558537	120.997	ng	0.00
23) Nitrobenzene-d5	9.016	82	1571917	80.383	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	869296	120.406	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	3325946	79.794	ng	0.00
79) Terphenyl-d14	19.856	244	4442555	78.853	ng	0.00
Target Compounds						
75) Fluoranthene	19.286	202	292365	4.349	ng	99
78) Pyrene	19.650	202	295288	4.285	ng	100
81) Benzo(a)anthracene	21.391	228	188843	2.759	ng	99
83) Chrysene	21.444	228	218096	3.352	ng	98
87) Indeno(1,2,3-cd)pyrene	26.209	276	196163	2.303	ng	97
88) Benzo(b)fluoranthene	23.050	252	360845	5.080	ng	# 95
89) Benzo(k)fluoranthene	23.050	252	360845	5.030	ng	# 94
90) Benzo(a)pyrene	23.662	252	248744	4.174	ng	# 96
92) Benzo(g,h,i)perylene	26.962	276	202572	2.934	ng	99

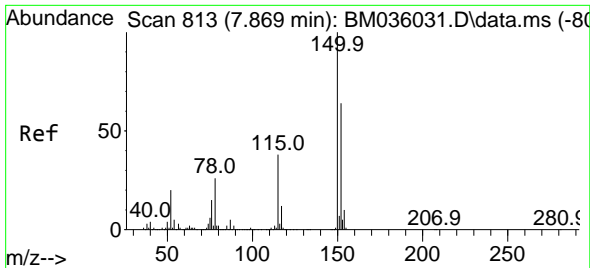
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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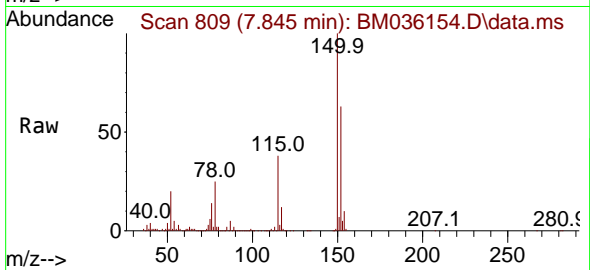
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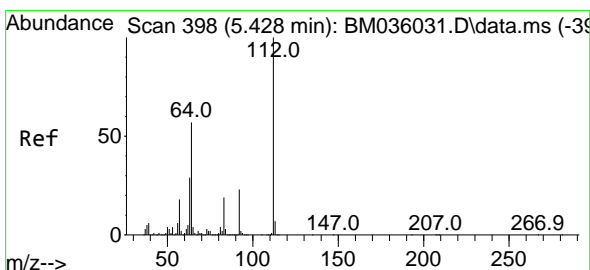
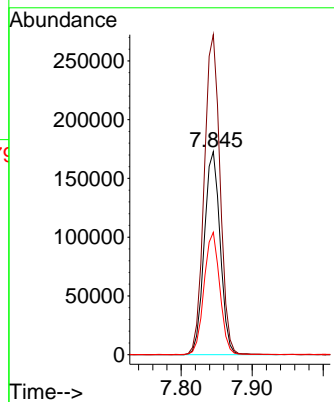
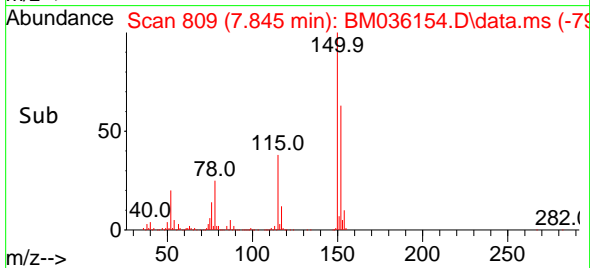


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

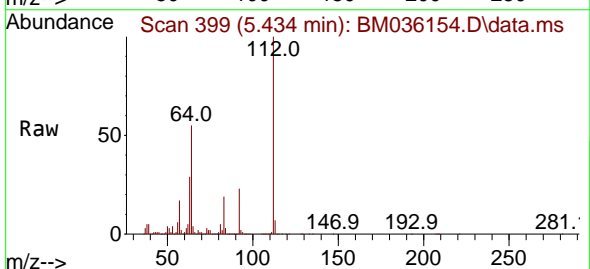
Instrument :
 BNA_M
 ClientSampleId :
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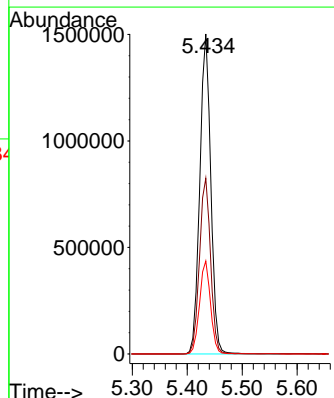
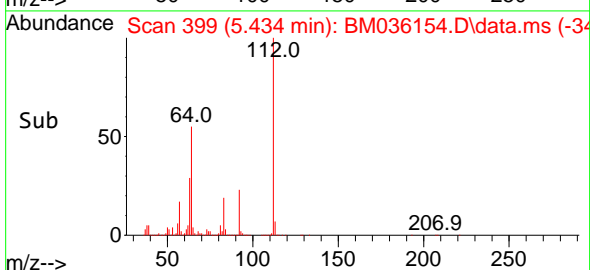
Tgt Ion:152 Resp: 269425
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.9 187.3
 115 60.3 47.9 71.9

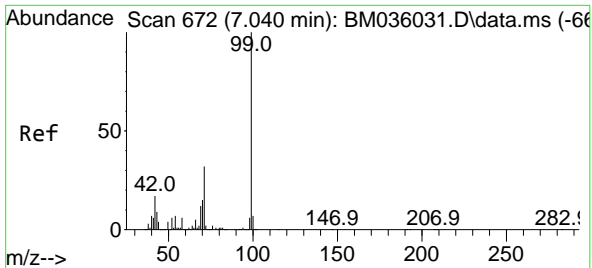


#5
 2-Fluorophenol
 Concen: 125.875 ng
 RT: 5.434 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11



Tgt Ion:112 Resp: 2091818
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.8 71.6
 63 29.0 26.6 40.0

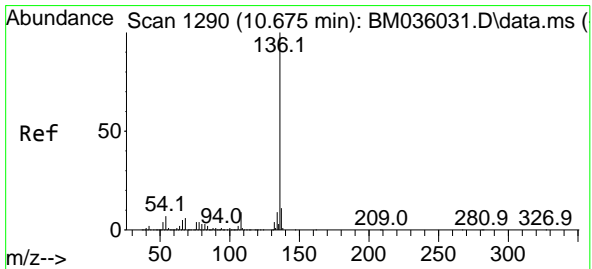
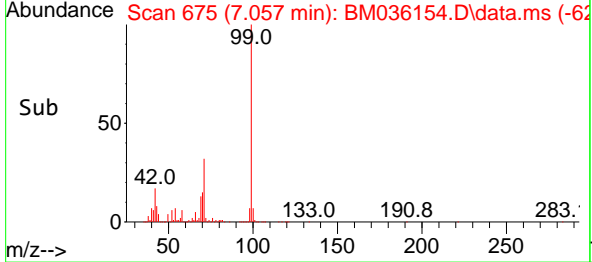
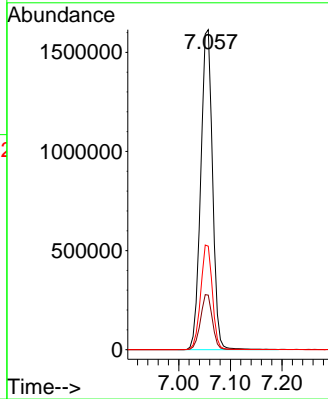
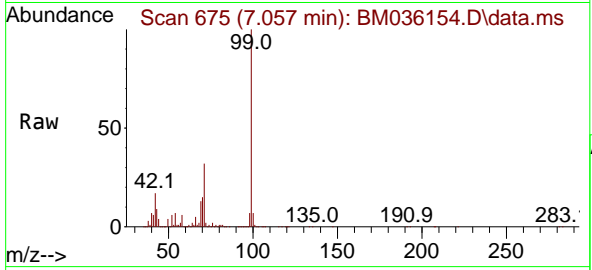




#7
Phenol-d6
Concen: 120.997 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

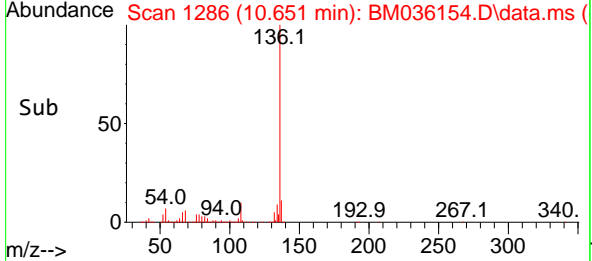
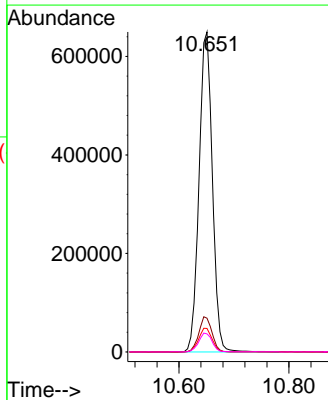
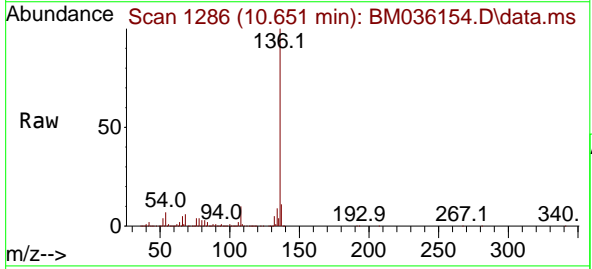
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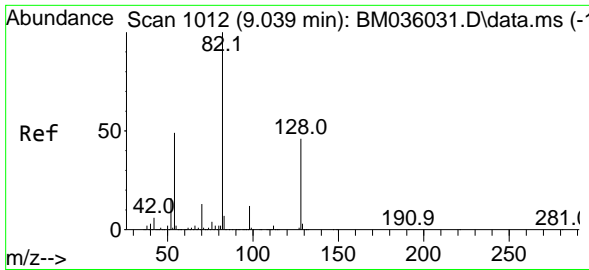
Tgt Ion: 99 Resp: 2558537
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM036154.D
Acq: 08 Aug 2022 21:11

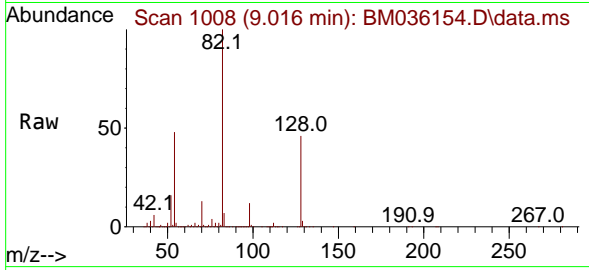
Tgt Ion:136 Resp: 1094646
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 7.0 10.4
68 5.6 4.3 6.5





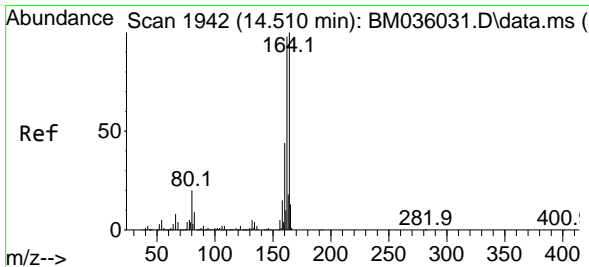
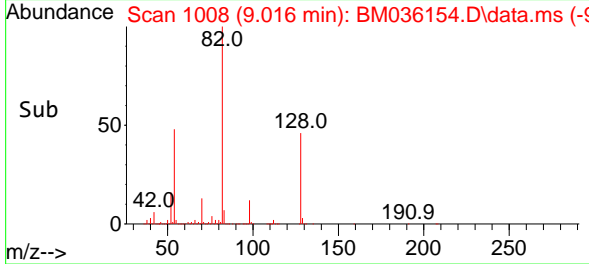
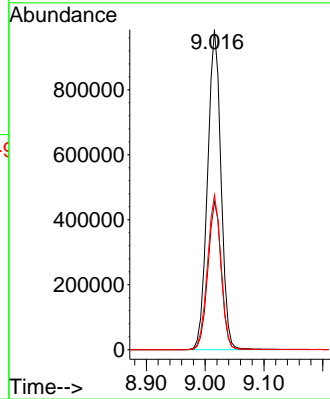
#23
 Nitrobenzene-d5
 Concen: 80.383 ng
 RT: 9.016 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216



Tgt Ion: 82 Resp: 1571917

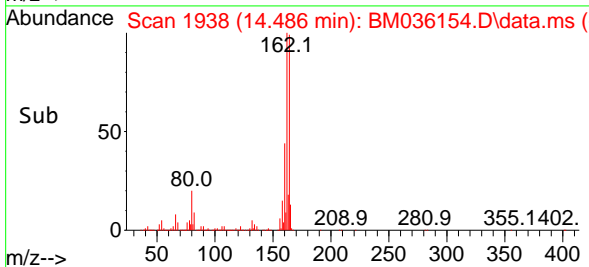
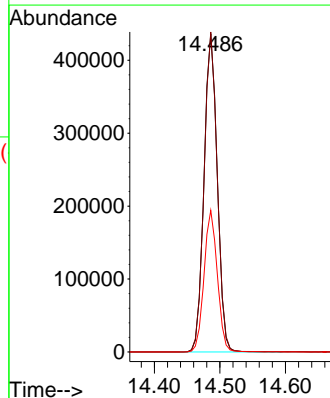
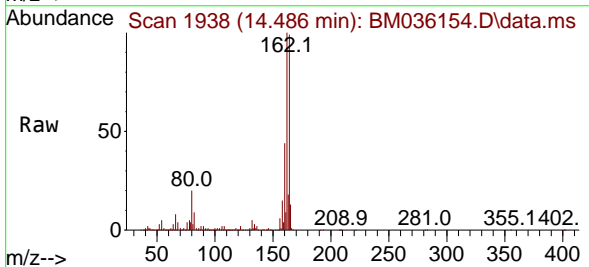
Ion	Ratio	Lower	Upper
82	100		
128	46.3	33.7	50.5
54	48.3	43.2	64.8

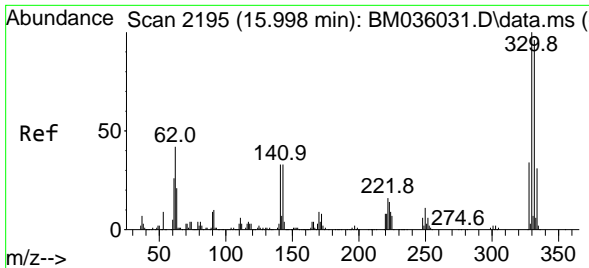


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.486 min Scan# 1938
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion: 164 Resp: 615421

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.0	124.6
160	44.5	37.0	55.4

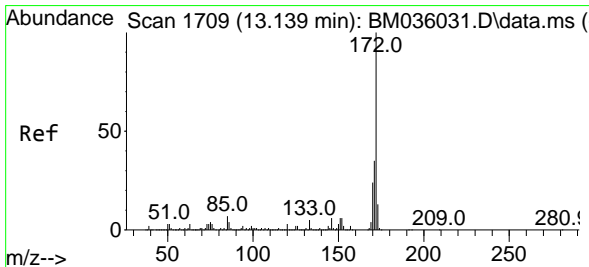
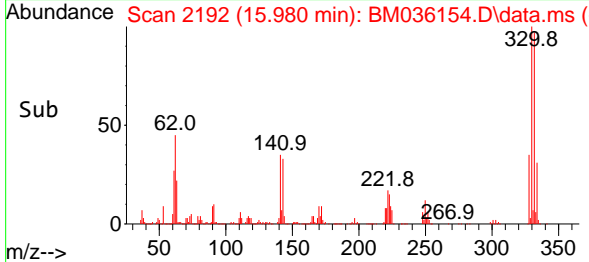
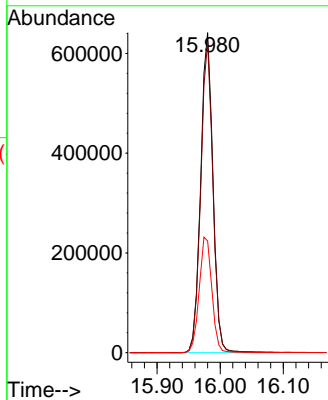
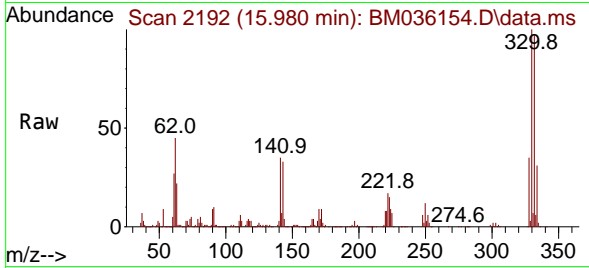




#42
 2,4,6-Tribromophenol
 Concen: 120.406 ng
 RT: 15.980 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

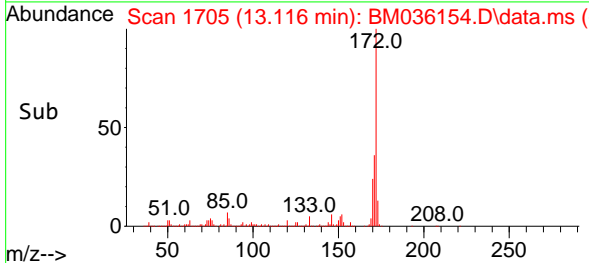
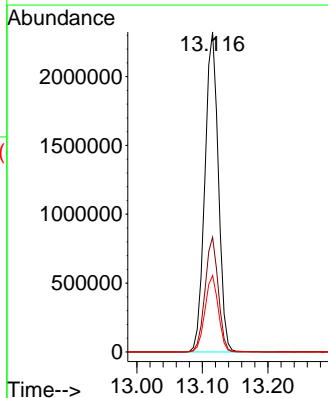
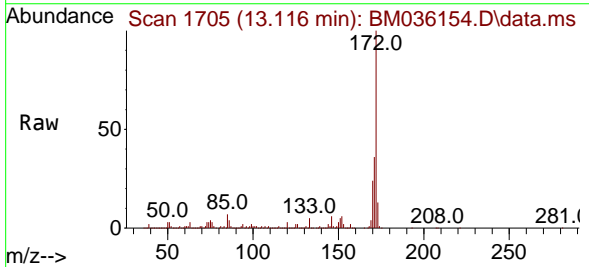
Instrument :
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 ClientSampleId :
 RVE-216

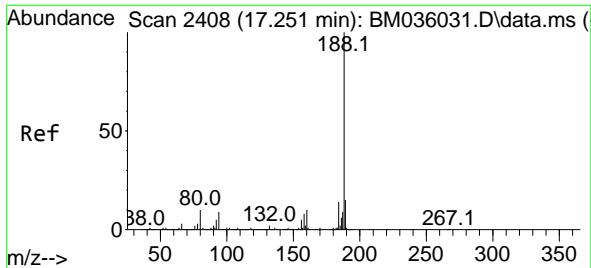
Tgt Ion:330 Resp: 869296
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.4
 141 37.5 35.3 52.9



#45
 2-Fluorobiphenyl
 Concen: 79.794 ng
 RT: 13.116 min Scan# 1705
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:172 Resp: 3325946
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.9 18.7 28.1



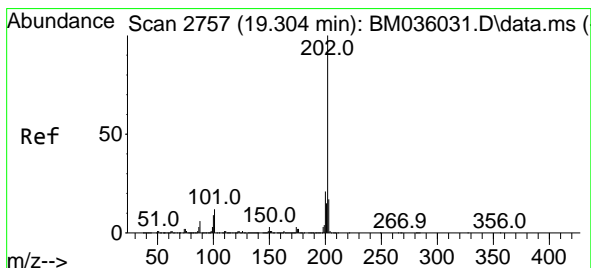
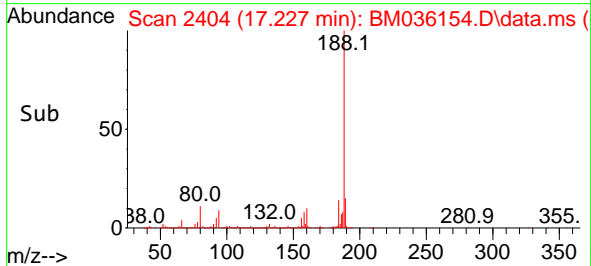
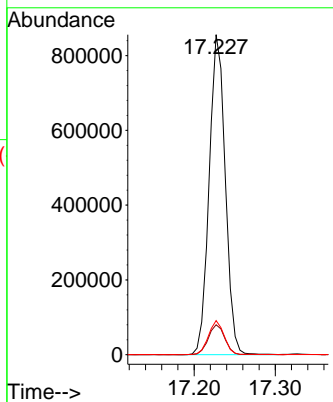
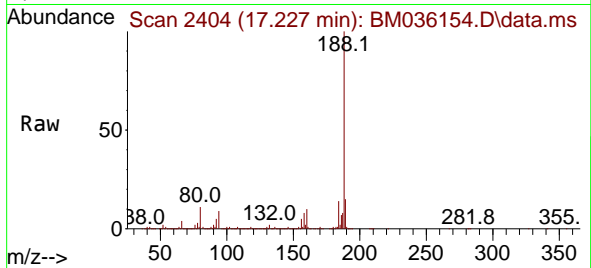


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.227 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216

Tgt Ion:188 Resp: 1178705

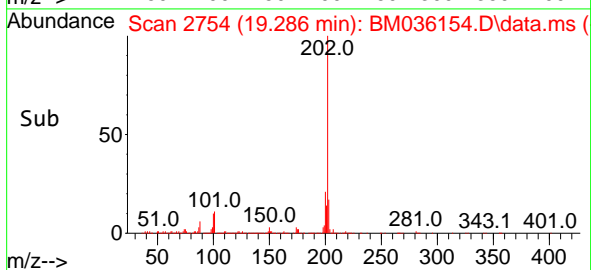
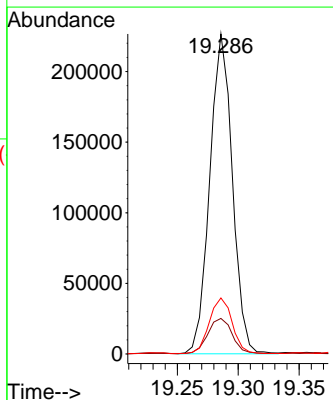
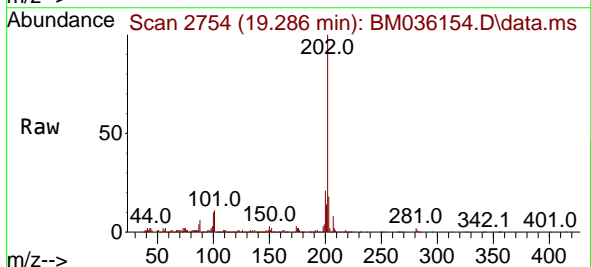
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.6	7.6	11.4

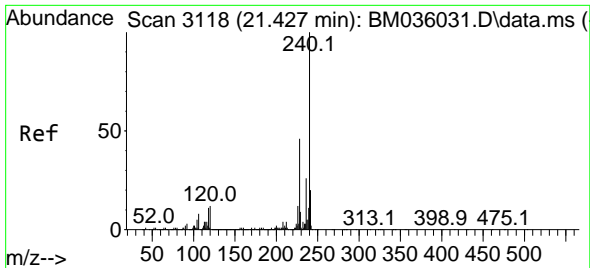


#75
 Fluoranthene
 Concen: 4.349 ng
 RT: 19.286 min Scan# 2754
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:202 Resp: 292365

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.6
203	17.5	0.0	37.4

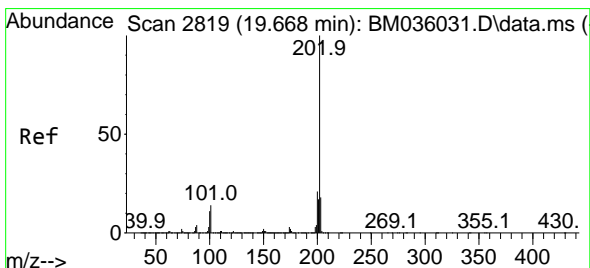
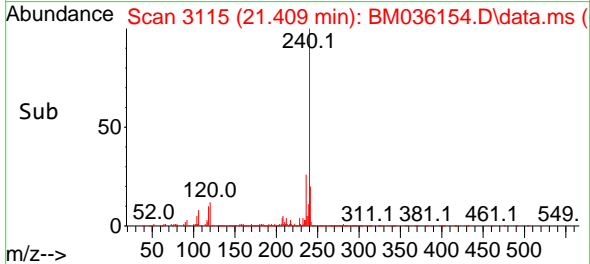
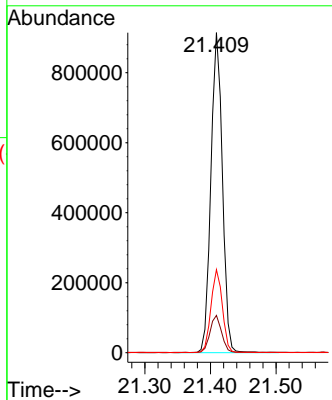
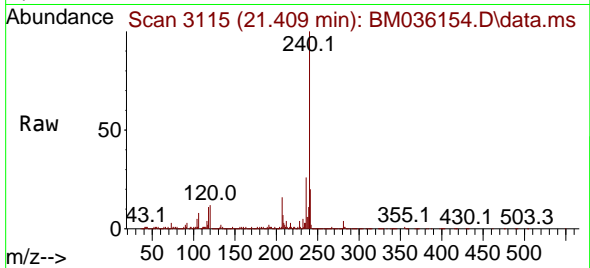




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.409 min Scan# 3115
 Delta R.T. -0.012 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

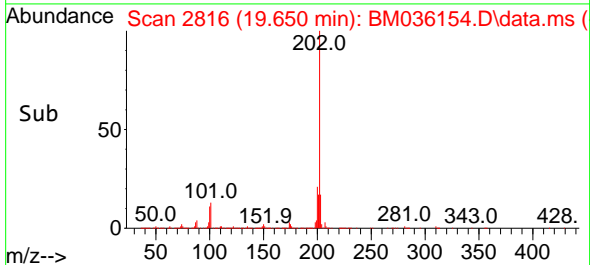
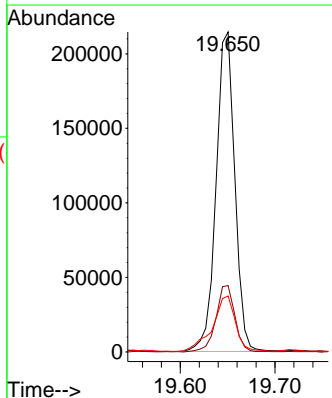
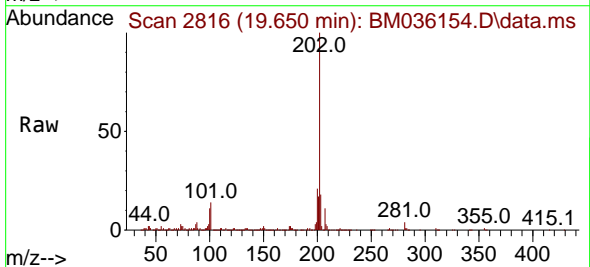
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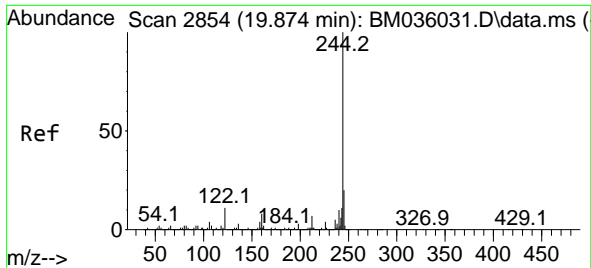
Tgt Ion:240 Resp: 1111270
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.4 14.0
 236 26.0 20.6 30.8



#78
 Pyrene
 Concen: 4.285 ng
 RT: 19.650 min Scan# 2816
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:202 Resp: 295288
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.7 25.1
 203 17.5 13.9 20.9

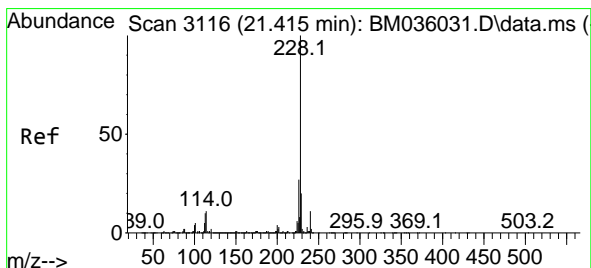
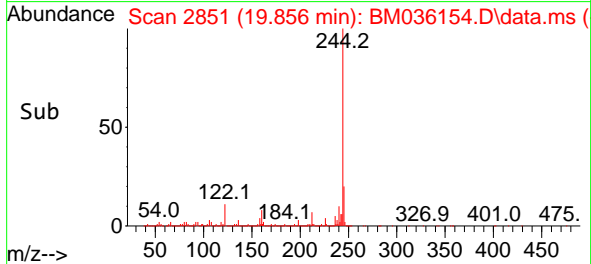
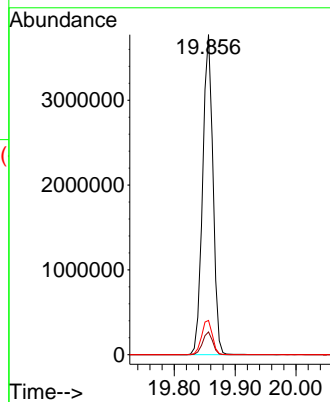
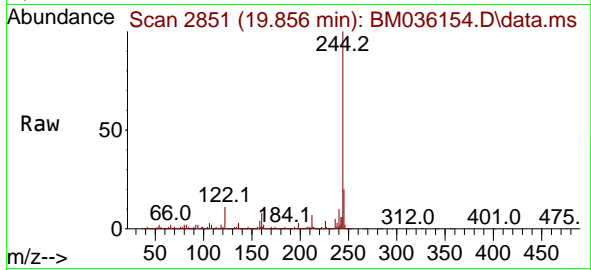




#79
 Terphenyl-d14
 Concen: 78.853 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

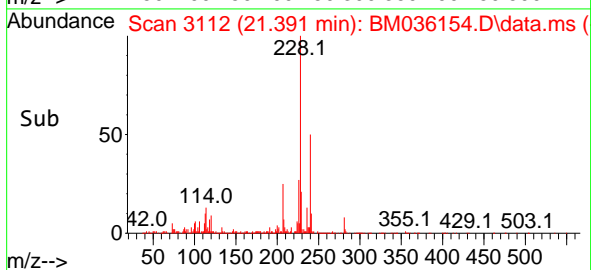
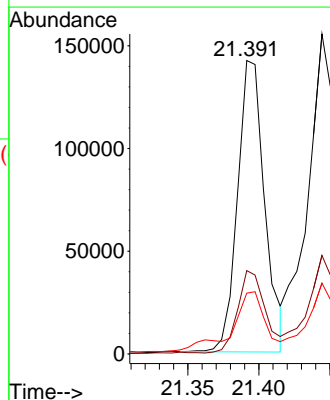
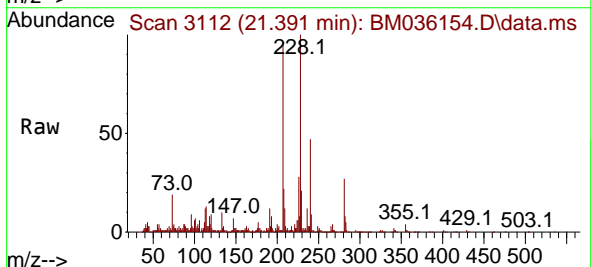
Instrument :
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 RVE-216

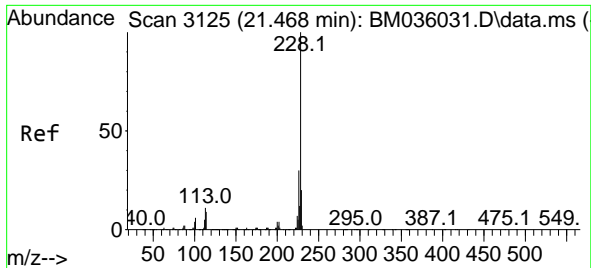
Tgt Ion:244 Resp: 4442555
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 10.7 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.759 ng
 RT: 21.391 min Scan# 3112
 Delta R.T. -0.012 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:228 Resp: 188843
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.3 33.5
 229 20.7 15.8 23.6



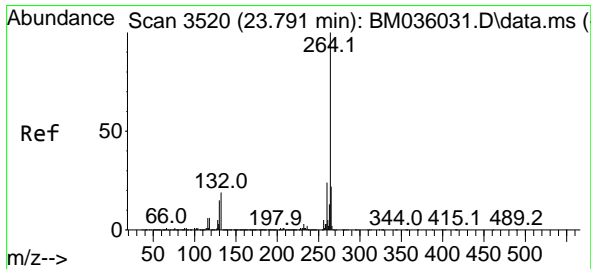
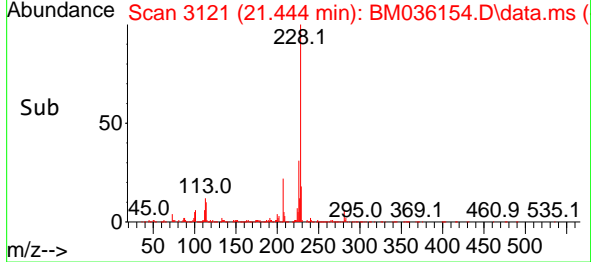
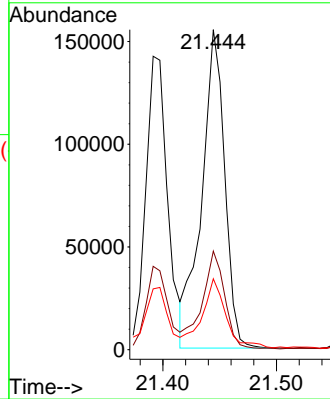
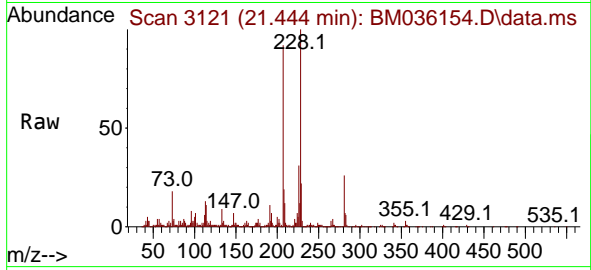


#83
 Chrysene
 Concen: 3.352 ng
 RT: 21.444 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216

Tgt Ion:228 Resp: 218096

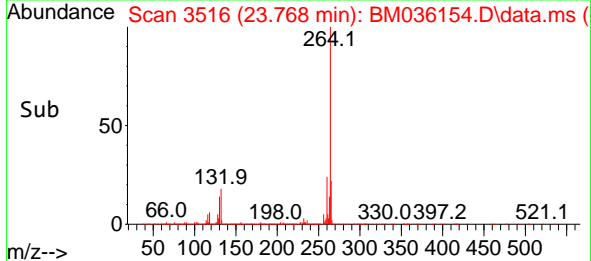
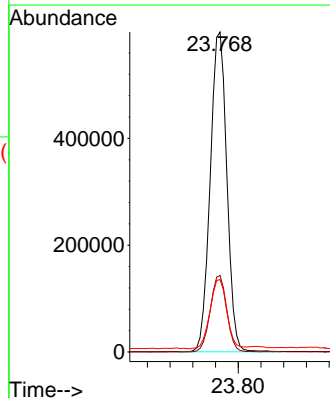
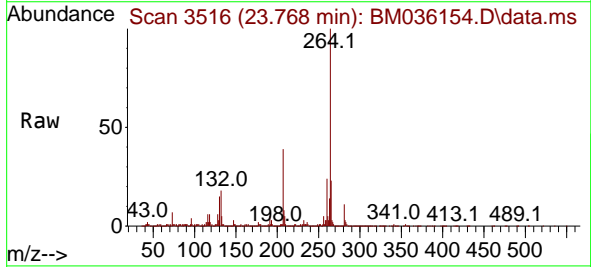
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	22.2	15.8	23.8

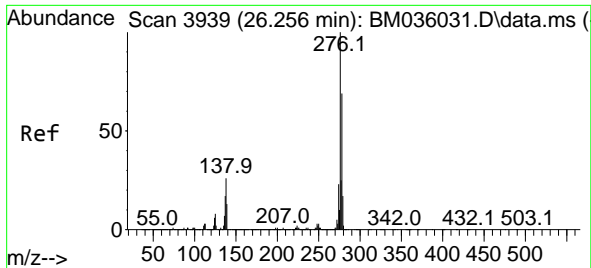


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:264 Resp: 1212322

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.6	17.5	26.3

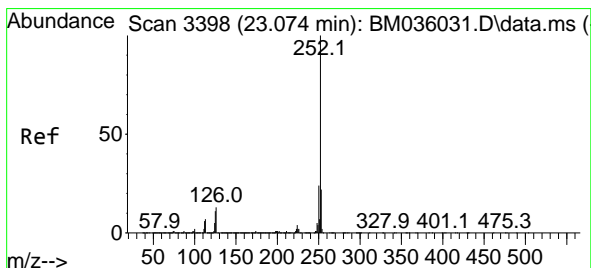
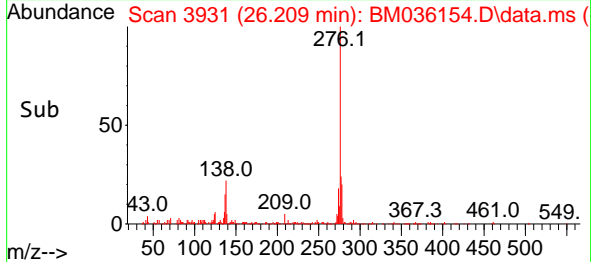
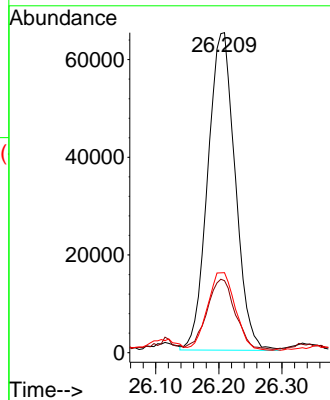
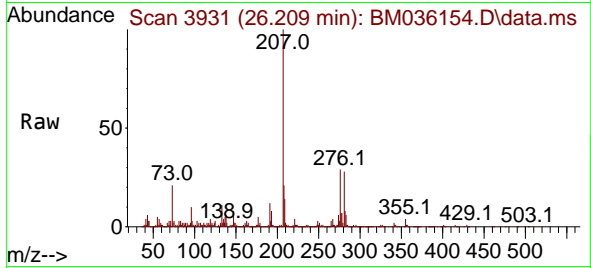




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.303 ng
 RT: 26.209 min Scan# 3931
 Delta R.T. -0.024 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

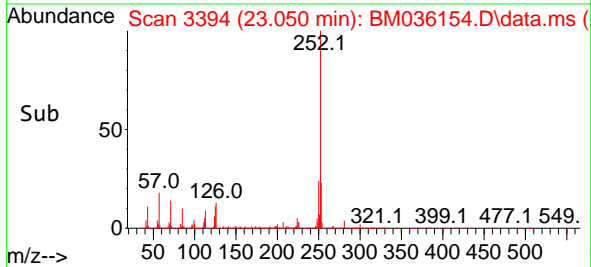
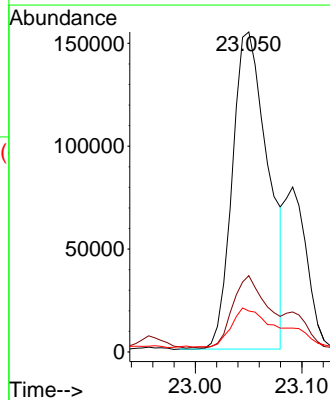
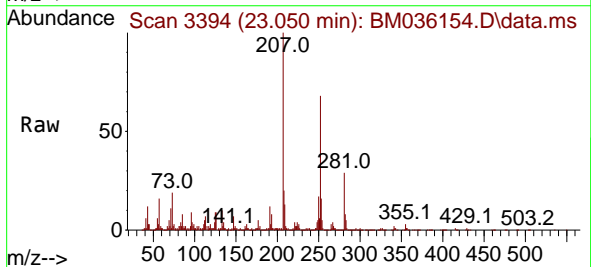
Instrument :
 BNA_M
 ClientSampleId :
 RVE-216

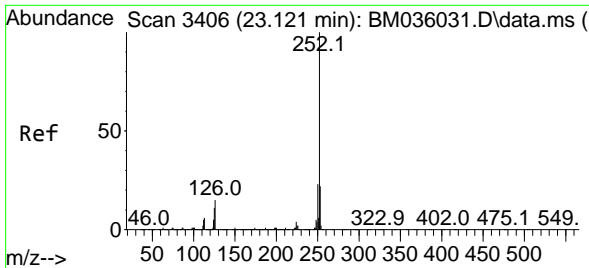
Tgt Ion:276 Resp: 196163
 Ion Ratio Lower Upper
 276 100
 138 22.7 20.2 30.4
 277 24.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 5.080 ng
 RT: 23.050 min Scan# 3394
 Delta R.T. -0.012 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Tgt Ion:252 Resp: 360845
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.6 26.4
 125 12.8 7.6 11.4#

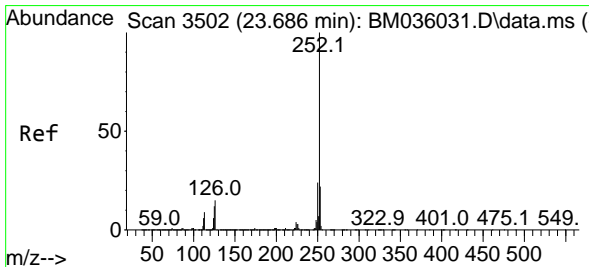
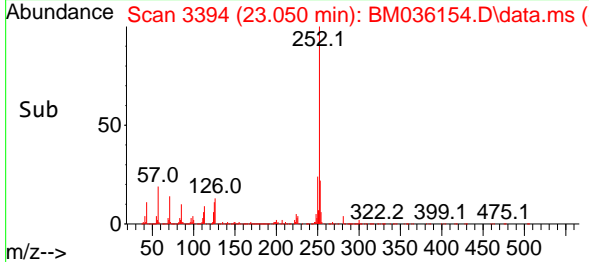
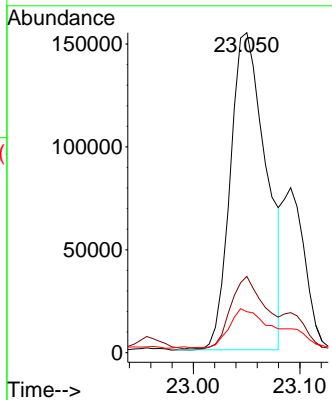
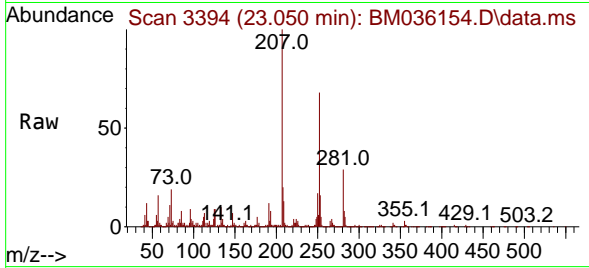




#89
 Benzo(k)fluoranthene
 Concen: 5.030 ng
 RT: 23.050 min Scan# 31
 Delta R.T. -0.059 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

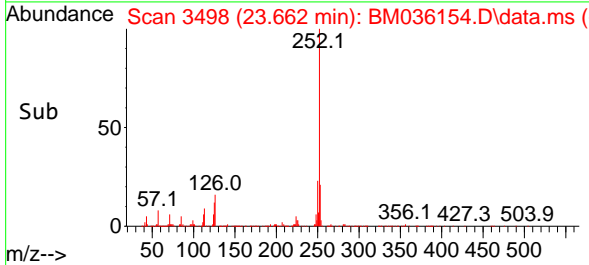
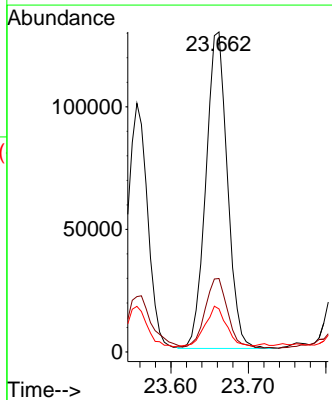
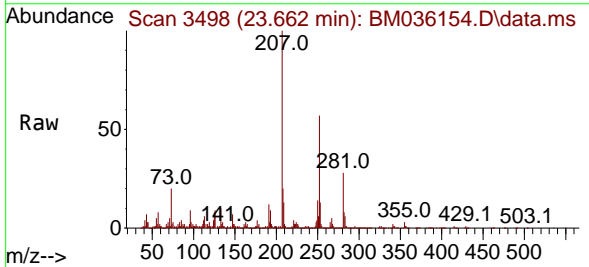
Instrument :
 BNA_M
 ClientSampleId :
 RVE-216

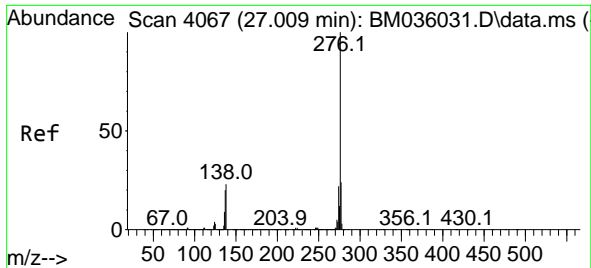
Tgt Ion:252 Resp: 360845
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.5 26.3
 125 12.8 7.6 11.4#



#90
 Benzo(a)pyrene
 Concen: 4.174 ng
 RT: 23.662 min Scan# 3498
 Delta R.T. -0.012 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

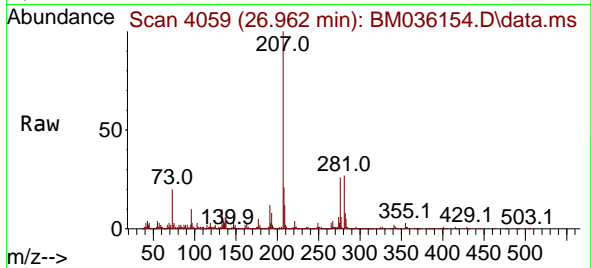
Tgt Ion:252 Resp: 248744
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.2 25.8
 125 13.4 8.7 13.1#





#92
 Benzo(g,h,i)perylene
 Concen: 2.934 ng
 RT: 26.962 min Scan# 40
 Delta R.T. -0.029 min
 Lab File: BM036154.D
 Acq: 08 Aug 2022 21:11

Instrument :
 BNA_M
 ClientSampleId :
 RVE-216



Tgt Ion: 276 Resp: 202572
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 22.4 17.6 26.4

